



# NATIONAL INSTITUTE OF AYURVEDA

## ADMINISTRATIVE REPORT

### INTRODUCTION

The National Institute of Ayurveda, established on 7th February 1976, is an apex Institute of the Ministry of AYUSH, Government of India for Promoting the Growth and Development of Ayurveda as a model Institute for evolving high standards of Teaching, Training, Research and Patient Care and also to invoke scientific outlook to the knowledge of Ayurvedic System of Medicine, with the following Aims and Objectives.

1. To promote growth and development of Ayurveda, Yoga, Naturopathy, etc.
2. To produce Graduates, Post-Graduates, Ph.D. Fellows, etc in all Branches of Ayurveda, Yoga and Naturopathy etc.;
3. To conduct research on various aspects of Ayurveda, Yoga and Naturopathy etc.;
4. To provide medical care through AYUSH Systems of Medicine to the suffering humanity;
5. To provide and assist in providing services and facilities of the highest order for research, evaluation, training, consultation and guidance to AYUSH Systems of Medicine;
6. To conduct experiments and develop patterns of teaching in Under-Graduate, Post-Graduate and Ph.D. Education in all Branches of Ayurveda, Yoga and Naturopathy etc.;
7. To open and run such other institutes for promoting AYUSH Education, Research and other related functions in any part of the country.

After its establishment in 1976, the Institute had grown tremendously in the field of Teaching, Training, Research, Patient Care etc. as a result of which it has now 14 Specialties for Post-Graduate Education as well as for Regular Fellowship Program leading to Ph.D., apart from the Graduate Course and a Diploma Course in AYUSH Nursing & Pharmacy.

NIA has made a name for excellent teaching, training and patient care activities and incomparable academic standards in the field of Ayurveda at Under Graduate, Post-Graduate, Post-Doctoral, Diploma and Certificate levels.

The Main Campus of the Institute comprises of a number of multi-storied Buildings housing 14 Teaching Departments, their attached Laboratories, Chambers of Teachers, Offices, Seminar Halls, Museums, Lecture Theatres, Classrooms fitted with modern teaching aids like DLP Projector, Audio-Visual Aids, Library, etc. and also Hospital Complex housing 280 Bedded NABH Accredited Hospital, OPD, Panchakarma Unit, Central Laboratory, Deluxe Wards, Cottage Wards, Yoga Unit etc. There are 5 separate multi-storied Hostels for Boys and Girls, Pharmacy equipped with heavy furnaces and machineries for manufacturing various Medicines, Staff Quarters, Guest House, Water Tank and Reservoir, etc. There is also a well-furnished Auditorium with a capacity of 500 Seats. There is a separate 20 bedded Hospital with IPD in the main market of the City and a Satellite Clinic at Jawahar Nagar, a popular residential-cum-commercial area of the City.

## Governing Body

The Apex Body of the Institute is the Governing Body, Presided Over by Hon'ble Minister of State(Independent Charge), Ministry of AYUSH, Government of India with the following Members, to control and manage the activities of the Institute. The present composition of the Governing Body is as under:

1. <b>Shri Shripad Yesso Naik</b> Hon'ble Minister of State (Independent Charge) Ministry of AYUSH, Govt. of India	<b>President</b>
2. Shri Kalicharan Saraf Hon'ble Minister of Medical, Health and Ayurveda, Govt. of Rajasthan	Vice-President
3. Vaidya Shri Rajesh Kotecha Secretary, Ministry of AYUSH, Govt. of India	Member
4. Smt. Vijaya Srivastava Additional Secretary & Financial Adviser Ministry of Health and Family Welfare, Govt. of India	Member
5. Shri P. N. Ranjit Kumar Joint Secretary, Ministry of AYUSH, Govt. of India	Member
6. Dr. Manoj Nesari Adviser(Ayurveda), Ministry of AYUSH, Govt. of India	Member
7. Shri Ashwini Bhagat Secretary(Ayurved), Govt. of Rajasthan	Member
8. Vaidya Prof. Radhey Shyam Sharma Vice-Chancellor, Rajasthan Ayurved University, Jodhpur	Member
9. Prof. K. Unnikrishna Pillai, Professor, Amrita School of Ayurveda Vallikavu, Kollam Dt., Kerala-690546 (Nominee of Govt. of India)	Member
10. Prof. Manjari Dwivedi HOD of Prasuti Tantra, Faculty of Ayurveda, IMS, Banaras Hindu University, Varanasi-5 (Nominee of Govt. of India)	Member
11. Prof. Banwari Lal Gaur, Ex-Vice-Chancellor of Rajasthan Ayurved University Plot No. 80, Prem Nagar, Behind Senapati House, Jothwara, Jaipur. (Nominee of Govt. of India)	Member
12. Dr. Umesh Vasant Tagade, Assistant Director AYUSH State Health Society, National Health Mission Permanent Medical Officer in Public Health Department Govt. of Maharashtra (Nominee of Govt. of India)	Member
13. Shri Kedar Sharma Retd. District Ayurved Officer of Department of Ayurved Plot No. 13, Purohit Pada, Brahmpuri, Jaipur. (Nominee of Govt. of Rajasthan)	Member
14. Shri Kailash Sharma, Retd. Deputy Director of Department of Ayurved Plot No.43, Vikas Nagar, Kalwad Road, Jothwara, Jaipur (Nominee of Govt. of Rajasthan)	Member
15. Prof. Sanjeev Sharma, Director, National Institute of Ayurveda	Member-Secretary

### Standing Finance Committee

There is a Standing Finance Committee under the Chairmanship of Joint Secretary, Ministry of AYUSH, Government of India and consisting of Members, to consider and recommend various financial proposals, developmental activities etc.

1.	Shri P.N. Ranjit Kumar Joint Secretary (AYUSH), Ministry of AYUSH	Chairman
2.	Smt. Vijaya Srivastava Additional Secretary (FA) Ministry of Health & Family Welfare	Member
3.	Shri Ashwini Bhagat Secretary (Ayurved) Government of Rajasthan	Member
4.	Shri R. S. Agrawal Deputy Director-General Ministry of AYUSH	Member
5.	Prof. K. Unnikrishna Pillai Professor, Amrita School of Ayurveda Vallikavy, Kollam, Dt. Kerala - 690546	Member
6.	Dr. Umesh Vasant Tagade Assistant Director AYUSH State Health Society, National Health Mission Permanent Medical Officer in Public Health Department Govt. of Maharashtra	Member
7.	Prof. Sanjeev Sharma Director NIA, Jaipur	Member-Secy.

### Institutional Ethics Committee

The Institute has an Ethics Committee to govern, regulate and review various research proposals in the Institute. This is constituted as per the Guidelines of ICMR in its Ethical Guidelines for Biomedical Research on Human Subjects. Following was the composition of the Committee during the reported year:

1.	Prof. Banwari Lal Gaur Ex-Vice-Chancellor of Rajasthan Ayurved University Jaipur	Academician	Chairman
2.	Prof. Kamallesh Kumar Sharma Head of Department of Swastha Vritta National Institute of Ayurveda	Medical Scientist	Member
3.	Prof. V. Nageshwar Rao Professor of Department of Rasa Shastra National Institute of Ayurveda	Medical Scientist	Member

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4.	Prof.(Smt.) Sushila Sharma Department of Prasuti Tantra National Institute of Ayurveda	Medical Scientist	Member
5.	Prof. Pawan Kumar Godatwar HOD of Roga Nidan & Vikriti Vigyan National Institute of Ayurveda	Medical Scientist	Member
6.	Prof. Hemant Kr. Kushwaha Retd. Professor of Shaly Tantra National Institute of Ayurveda	Medical Scientist	Member
7.	Prof. Arun Chougule HOD of Radio Diagnosis SMS Medical College Jaipur	Basic Medical Scientist	Member
8.	Prof. Smt. Monika Jain HOD of Pharmacology SMS Medical College Jaipur	Basic Medical Scientist	Member
9.	Dr. Kamal Kant Dadhich Professor of Sanskrit Department College Education, Govt. of Rajasthan Jaipur	Commonmen Representative	Member
10.	Shri Anil Shukla Sanghatan Mantri, Sewa Bharti Jaipur	Non-Govt. Voluntary Agency	Member
11.	Shri Om Prakash Rangika Advocate Rajasthan High Court	Legal Profession	Member
12.	Dr. Sumit Nathani Assistant Professor National Institute of Ayurveda	Medical Scientist	Member-Secy.

**Financial Position**

The Ministry of AYUSH provides all the required funds for the Institute to meet various Expenditures. Following was the budget provision of the Institute provided by the Ministry for the year 2017-2018:

(Rs. in lakhs)

Head	BE 2017-18	RE 2017-18	Actual Grant-in-Aid Received in 2017-18	Actual Expenditure upto 31-3-2018
Grant-in-Aid-Salary	Rs. 3300.00	Rs. 4500.00	Rs. 4500.00	Rs. 4500.00
Grant-in-Aid-General	Rs. 2000.00	Rs. 2005.00	Rs. 2005.00	Rs. 2351.00
Grant-in-Aid-SCP	Rs. 300.00	Rs. 300.00	Rs. 300.00	Rs. 344.97
Grant-in-Aid-Creation of Capital Assets		Rs. 336.00	Rs. 336.00	Rs. 336.00
<b>Total:</b>	Rs. 5600.00	Rs. 7141.00	Rs. 7141.00	Rs. 7531.97

## Affiliation

The Institute is affiliated to Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur for Academic and Examination purposes and follows the Syllabus and Curriculum prescribed by the Central Council of Indian Medicine as adopted by the University.

## ACADEMIC ACTIVITIES

### Course Offered

#### Under-Graduate Course - (Ayurvedacharya) - BAMS - 100 Seats

The Under Graduate Course of BAMS is of 5½ Years duration. After passing BAMS, the Students undergo a 1 Year Internship in various Subjects as specified by CCIM.

**Reservation of Seats:** The total seats available per year is now 100. 2 Seats are available for foreign nationals sponsored by ICCR, 10 Seats for South-East Asian Countries through the Ministry of AYUSH and for SC/ST/OBC/PH as per Government of India guidelines.

**Mode of Admission:** Admission to BAMS Course is made by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur from the Merit of National Eligibility cum Entrance Test (NEET).

**Admissions:** During the year 2017-2018, 84 Students were admitted to the BAMS Course. 8 Seat remained vacant due to non-availability of candidate from South East Asian Countries. 2 Students from Nepal, 1 Student from Bangladesh and 1 Student from Iran were admitted.

General/ Open		SC		ST		OBC		PH		CGN from South-East Asian Countries through Ministry of AYUSH		Foreign Nationals through ICCR		Total Admission	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
23	15	8	3	4	2	16	5	3	1	2	1	-	1	56	28

**Passed-Out :** The Class-wise Students appeared in Examination and Passed Out during the reported year is given below:

Class	Appeared	Passed	Percentage
BAMS-Final Batch 2012 and 2011	69	66	95.65%

During the year under report, 69 students successfully completed their internship and 13 students were undergoing their internship.

**Fees :** Fees for the BAMS Course is Rs.42,025 for First Year, Rs.28,650 for the Second Year, Rs.27,650 for the Third Year and Rs.38,500 for the Final Year. The Hostel Fee, in case of allotment of Hostel on availability, is Rs. 7,500 per year for 3 years and Rs. 11,250 for the Final Year.

**Stipend :** A Stipend of Rs. 12,684 Per Month is paid to the BAMS Students during their one year Internship.

**Post-Graduate Course – Ayurveda Vachaspati(MD(Ay.)/Ayurved Dhanwantary (MS(Ay.) - 104 Seats**

The Post Graduate Course is of 3 Years duration. Following 14 Subjects are available for Post Graduation in the Institute.

1. Agad Tantra
2. Dravya Guna
3. Kaumara Bhritya
4. Kayachikitsa
5. Mauklik Siddhanta
6. Panchakarma
7. Prasuti Tantra and Stri Roga
8. Rasa Shastra & Bhaishajya Kalpana
9. Roga Nidana and Vikriti Vigyana
10. Shalaky Tantra
11. Shalya Tantra
12. Sharir Kriya
13. Sharir Rachana
14. Swastha Vritta

**Mode of Admission:** Admission is made by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur from the Merit of the All India PG Entrance Test conducted by All India Institute of Ayurveda, New Delhi. During the year under Report, 104 Admissions were made.

**Reservation of Seats:** 1 Seat in each Subject is available for Central Government Nominees sponsored by various State Government through the Ministry of AYUSH. 3 Seats are available for BIMSTEC Countries (Bangladesh, Bhutan, Myanmar, Nepal, Sri Lanka and Thailand) sponsored by ICCR, 3 for South-East Asian Countries through the Ministry of AYUSH, 1 for Malaysia and for SC/ST/OBC/PH as per Government of India guidelines.

**Admissions:** During the year, admission was made to 104 Seats. The category-wise scholars admitted are given below:

General/ Open		SC		ST		OBC		PH		BIMSTEC through ICCR		South-East Asian Countries through Ministry of AYUSH		In-Service		CGN sponsored by various State Govts. through M/o AYUSH & Private CGN		Total Admission	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
9	28	5	5	2	3	6	13	1	3	2	-	2	-	8	4	6	7	41	63

288 Scholars were studying in the Post-Graduate Course during the year 2017-2018. During the year under report, 80 M.D./M.S. Scholars submitted their Thesis.

**Passed-Out :** The Class-wise Scholars appeared in Examination and Passed Out during the reported year is given below:

Class	Appeared	Passed	Percentage
M.D.(Ay.) Part-II Batch 2014-15	97	97	100%

**Fees :** The Fees for the Post-Graduate Course is Rs. 81,750 for the First Year, Rs. 54,500 for the Second Year and Rs. 54,500 for the Third Year. An additional amount of Rs. 22,500 is also charged per Year for Hostel, subject to availability.

**Stipend :** The Monthly Stipend provided to MD/MS Scholars in the First Year is Rs. 42,560 in the Second Year, Rs. 45,600 and in the Third Year, Rs. 48,640. The Stipend also carries DA at Central Government Rates.

**Fellowship Program(Ph.D.(Ay) – Ayurved Vidhyavaridhi - 28 Seats**

All the 14 Specialties are available for Regular Fellowship Program. The Fellowship is awarded for 2 years which may be extended for one more year subject to necessity and progress/satisfaction of the research involved. The Fellowship Program may be considered for award of Ph.D.(Ay) by the University.

**Mode of Admission:** Admission is made by the University after conducting a Screening Test and Interview.

**Reservation of Seats:** 1 Seat is available for BIMSTEC Countries (Bangladesh, Bhutan, Myanmar, Nepal, Sri Lanka and Thailand) sponsored by ICCR, 1 for South-East Asian Countries through the Ministry of AYUSH and for SC/ST/OBC/PH as per Government of India guidelines.

**Admissions:** During the period under report, Admission was not made by the University. 8 Fellows submitted their Thesis/conducted Viva-Voce.

**Fees :** The Fees for the Fellowship is Rs. 1,00,750 for First Year and Rs. 62,500 for the Second Year. An additional amount of Rs. 27,500 is also charged per Year for Hostel, subject to availability.

**Stipend :** The Monthly Stipend provided to Ph.D. Scholars in the First Year is Rs. 50,315 and in the Second Year Rs. 51,990. The Stipend also carries DA at Central Government Rates.

**Diploma Course in AYUSH Nursing & Pharmacy - 30 Seats**

The admission is made by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University on the basis of marks obtained in the qualifying examination of 12<sup>th</sup> Standard. The Diploma Course in AYUSH Nursing and Pharmacy is of 3 Years duration including 6 months Internship.

**Admissions :** During the reported year, 30 Admissions were made in Diploma Course. The category-wise admissions are as under:

General/ Open		SC		ST		OBC		PH		Total Admission	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
4	11	3	2	-	2	3	5	-	-	10	20

During the year under report, 85 students were studying in the Diploma Course. 22 Students successfully completed their internship.

**Passed-Out :** The Class-wise Scholars appeared in Examination and Passed Out during the reported year is given below:

Class	Appeared	Passed
DAN&P 2 <sup>nd</sup> Year Main (2014)	26	22

**Fees :** The Fees for the Diploma Course is Rs. 18,815.00 for First Year and Rs. 18,688 for the Second Year. An additional amount of Rs. 4,500 is also charged 1<sup>st</sup> Year Rs. 6,750 for Hostel, subject to availability.

**Stipend :** An amount of Rs. 1500 Per Month is paid as Stipend to Students during their Internship.

### Panchakarma Technician Certificate Course – 30 Seats

The Institute has recently launched Panchakarma Technician Certificate Course of 1 Year duration with intake capacity of 30 Seats. Admission is made by the Institute by notifying in newspapers and by posting in the Website. 2 Seats are reserved for foreign nationals and for SC/ST/OBC/PH as per Government of India guidelines.

**Admissions :** During the reported year, 19 Admissions were made in Panchakarma Technician Certificate Course. The category-wise admissions are as under:

General/ Open		SC		ST		OBC		PH		Total Admission	
Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls	Boys	Girls
5	3	1	-	1	-	9	-	-	-	16	3

**Fees :** Admission Fee for the Course is Rs. 36,000 per Candidate.

### Shor Term Courses

The Institute also organizes Short-Term Courses of 1 Month to 2 Months duration in the following Subjects:

- 1 Year Panchakarma Technician Course (30 Seats)
- Certificate Course on Training on Kshara Sutra
- Certificate Course on Standardization of Ayurvedic Medicinal Plant Materials
- Certificate Course on Training for Beauty Care through Ayurveda.
- Advanced Course on Training for Beauty Care through Ayurveda.
- Certificate Course on Primary Healthcare through Kitchen Spices and Local Plant.
- Certificate Course on Training for Ayurvedic Methods of Cooking.

### Games and Sports

The Institute organized an Annual Sports and Games Activity “Trang – 2018” during 22-1-2018 to 31-1-2018 for students and scholars to upkeep their proper physical and mental health. Various sports activities like Cricket, Football, Volleyball, Badminton, Table Tennis, Chess, Carom etc. and cultural programs were organized with the participation of students and teachers. Students, teachers and NIA Staff enjoyed the sports and cultural events with great enthusiasm. Prizes were distributed to the Winning Teams and individuals.



## PATIENT CARE ACTIVITIES

### Campus Hospital

The main Campus Hospital is a 280 Bedded NABH Accredited Hospital. The Institute has 4 Hospitals namely, the NIA Campus Hospital with 280 beds in the Main Campus, NIA City Hospital with 20 beds in the heart of the City, 4 kilometers away from the main Campus, a Satellite Hospital providing OPD Services at Jawahar Nagar, a popular residential-cum-commercial area of the City and a Tribal Hospital providing OPD Services at Gogunda, Udaipur.

The Hospital has OPD, IPD, Panchakarma Therapies, Primary Emergency Care Unit, Central Laboratory, many Specialty Clinics and facilities like Pathological Tests, Bio-chemical Tests, X-ray, ECG, CTMT, Ultra Sound, Spirometry, Dental, Audiometer, Geriatric Unit, Dietary Unit, Orthopedic Unit, Child Mental Health Unit, Shivtra Roga & Tvaka Roga Clinic, Treatment of Anorectal, Jalokavacharan, Agnikarma, Pregnancy Test, Vaccination Unit, etc. Special treatment facilities are available for various eye diseases and disorders, ENT related disorders. There is an Ambulance available round the clock in the hospital to take care of patients in any emergency case.

Most of the medicines dispensed in the Hospitals are manufactured in the Pharmacy of the Institute and are provided to the Patients free of cost. Apart from the State of Rajasthan, the Institute also gets patients from the nearby States for Specialized Treatments for various diseases. Registration is free in the Hospitals for Senior Citizens, Freedom Fighters, BPL Card Holders, Staff and Students of the Institute. OPD Patient Records are computerized.

The IPD Registration Fee is Rs. 30. During the period under report, the Institute received an amount of Rs. 80,160 from IPD Registration and Rs. 15,69,010 from Cottage, Cubical and Deluxe Wards facilities. The OPD Registration Fee is Rs.10. During the period under report, the Institute received an amount of Rs. 6,21,820 from OPD Registration and an amount of Rs. 12,95,892 from other user charges like panchakarma procedures, kriya kalp, laboratory investigations etc.

### Out Patient Department(OPD)

The OPD attached to the Hospitals are managed by all the 14 Departments with various Units and Specialty Clinics. During the year, the total number of patients attended the OPD was 2,61,664 out of which 1,69,923 were newly registered. During the year, the total attendance of department-wise patients in the OPD is as below:

Sl. No.	Department	New				Old				Grand Total
		Male	Female	Child	Total	Male	Female	Child	Total	
1.	Kayachikitsa	18921	11711	512	31144	10148	7147	208	17503	48647
2.	Panchakarma	9054	8253	307	17614	6977	7330	228	14535	32149
3.	Shalya Tantra	11599	6287	365	18251	9172	3887	140	13199	31450
4.	Shalakya Tantra	7950	7674	1551	17175	3763	3308	702	7773	24948
5.	Prasuti and Stri Roga	298	8534	170	9002	219	6969	65	7253	16255
6.	Bala Roga	662	369	5063	6094	247	147	2212	2606	8700
7.	Swastha Vritta	2736	1846	126	4708	2074	1565	70	3709	8417
8.	Maulik Siddhanta	3416	2392	162	5970	2192	1747	93	4032	10002
9.	Rasa Shastra	1547	660	42	2249	821	442	10	1273	3522
10.	Dravya Guna	1533	1025	55	2613	877	528	19	1424	4037
11.	Roga & Vikriti Vigyan	6124	4113	455	10692	4888	3723	219	8830	19522
12.	Agad Tantra	1225	1053	35	2313	1002	912	16	1930	4243
13.	Sharir Kriya	4533	2584	176	7293	2194	1298	77	3569	10862
14.	Sharir Rachana	1317	670	45	2032	947	595	7	1549	3581

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15.	Homoeopathy	951	752	283	1986	801	834	250	1885	3871
16.	Primary Emergency Care Unit	599	375	19	993	0	0	0	0	993
17.	Tribal Hospital	1304	852	214	2370	432	201	32	665	3035
18.	Camps organised in Hospital	347	143	103	593	0	0	0	0	593
19.	Awaiting	13320	11515	1996	26831	1	5	0	6	26837
	<b>Total</b>	<b>87436</b>	<b>70808</b>	<b>11679</b>	<b>169923</b>	<b>46755</b>	<b>40638</b>	<b>4348</b>	<b>91741</b>	<b>2,61664</b>

**Indoor Patient Department (IPD)**

The total Bed Strength is 300 beds out of which 280 beds are in IPD of NIA Campus Hospital and 20 Beds in NIA City Hospital. The Beds are distributed among all the Departments in the following manner.

Sl. No.	Department	Beds Distribution			
		Male	Female	Child	Total
1.	Kayachikitsa	36	20	0	56
2.	Panchkarma	38	10	0	48
3.	Shalya	38	10	0	48
4.	Shalakya	26	8	0	34
5.	Prasuti & Stri Roga	0	48	0	48
6.	Bala Roga	0	0	38	38
7.	Swasthavritta	2	1	0	3
8.	Moulik Siddhanta	6	1	0	7
9.	Ras Shastra	1	1	0	2
10.	Dravyaguna	1	1	0	2
11.	Rog Vigyan	3	1	0	4
12.	Agad Tantra	1	1	0	2
13.	Sharir Rachana	2	1	0	3
14.	Sharir Kriya	4	1	0	5
	<b>Total :</b>	<b>158</b>	<b>104</b>	<b>38</b>	<b>300</b>

During the year under report, the total patients treated in IPD were 67,848 out of which 4,680 were new. The patients treated at IPD level were as under:

Sl. N.	Department	New Patients				Old Patients				Grand Total
		Male	Female	Child	Total	Male	Female	Child	Total	
1.	Kayachikitsa	372	279	1	652	7757	5982	4	13743	14395
2.	Panchakarma	786	577	9	1372	15276	10278	213	25767	27139
3.	Shalya Tantra	797	176	24	997	7751	1144	133	9028	10025
4.	Shalakya Tantra	103	72	10	185	1268	802	75	2145	2330
5.	Prasuti & Stri Roga	0	814	4	818	0	3366	7	3373	4191
6.	Bala Roga	0	5	302	307	0	84	3511	3595	3902
7.	Swastha Vritta	3	2	0	5	19	20	0	39	44

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8.	Maulik Siddhanta	71	28	4	103	1451	436	41	1928	2031
9.	Rasa Shastra	7	4	0	11	172	53	0	225	236
10.	Dravya Guna Vigyan	1	0	0	1	27	0	0	27	28
11.	Roga Vigyan	33	17	0	50	430	211	0	641	691
12.	Agad Tantra	66	12	0	78	947	193	0	1140	1218
13.	Sharir Kriya	53	32	1	86	808	406	21	1235	1321
14.	Sharir Rachana	8	7	0	15	134	148	0	282	297
	<b>Total:</b>	<b>2300</b>	<b>2025</b>	<b>355</b>	<b>4680</b>	<b>36040</b>	<b>23123</b>	<b>4005</b>	<b>63168</b>	<b>67848</b>

Majority of the patients admitted were for Sandhivata (Arthritis), Bhagandara (Fistula), Katishoola (Lumbago), Amavata (Rh. Arthritis), Jwara (Fever), Pakshaghata (Paralysis), Pandu (Anaemia), Arsha (Piles), Gridhrasi (Sciatica), Udarashoola (Abdomen Pain), Tamaka Shwasa (Bronchial Asthma), Vivandha (Constipation), Kasa (Cough), Madumeha (Diabetes Mellitus), Mutravikara (Urinary Disorder), Swetpradara (Leucorrhoea), Atisara (Diarrhoea), Amlapitta (Hyper Acidity), Pradara (Menorrhagia), Manas Roga (Mental Disease), Hridayaroga (Heart Disease), Kamala (Jaundice), Ashmari (Renal Calculus), Bhrama (Vertigo), Unchcharaktachapa (Hyper Tension), Nadidourbalya & Mansakshaya (-M.N.D.).

### Cottage, Cubical and Deluxe Wards

There are 2 Air-conditioned Deluxe Wards, 4 Air-conditioned Cubical Wards and 5 Cottage Wards for which Rs. 800, Rs. 550 and Rs. 300, respectively, is charged per day. There is good demand for these wards throughout the year.

### Labour Room and Gynaecological Operation Theatre

There is a well-equipped Labour Room and Gynaecological Operation Theatre equipped with the required instruments and equipments for obstetrical and gynecological and other major and minor surgical procedures. During the year under report, 5,195 Ayurvedic Karmas like Pichu, Potali, Uttarbasti, Matra Basti etc. were performed and the number of procedures conducted in the Operation Theatre is given below :

Sl. No.	Procedures	Number
1.	Normal Delivery (in labour room)	47
2.	L.S.C.S.	21
3.	Hystrectomy	8
4.	Cu-T Insertion/ Removal	26
5.	Others	47

### Shalya Operation Theatre

There is a separate Operation Theatre with latest instruments and equipments for conducting surgical procedures on patients. During the year under report, the number of procedures conducted in Operation Theatre is given below:

Sl. No.	Operative Procedures	Number
1.	Cholecystectomy	06
2.	Appendectomy	05
3.	Inguinal Herniotomy	05
4.	Inguinal Herniotomy and Hernioplasty	26
5.	Orchidectomy	01
6.	Breast fibroadenoma excision	02
7.	Excision	107
8.	Incision and Drainage (I&D)	49
9.	Circumcision	08

10.	Partial Fistulotomy with Ksharasutra	233
11.	Fistulotomy	43
12.	Fistulectomy/Exploration of tract	46
13.	Fistulectomy with Kshara karma	02
14.	Lords Anal Dilatation	11
15.	Sphincterotomy with tag excision/Agnikarma	64
16.	Arsha Bandana (Plication)	28
17.	Kshara karma	22
18.	Haemorrhoidectomy/Shastra karma	24
19.	Perianal haematoma excision	03
20.	Nadivrana Chedana (PNS)	28
21.	Others	63
<b>Total:</b>		<b>776</b>

Sl. No.	Para-Surgical Procedures	Number
1.	Kshara Karma	192
2.	Ksharasutra	645
3.	Agnikarma	345
4.	Jalaukavacharana	128
5.	Bandana karma – Dressings	6513
6.	Marma Chikitsa	126
<b>Total:</b>		<b>7,950</b>

### Diets(Pathya) to Patients

Patients were provided wholesome diets, fruits, milk etc. as prescribed by the doctors, free of cost. The details of Diets (Pathya) are given below:

Diet No.	Food Items	Milk	Fruits
No.1	Chapaties,Pulses (Mung) Vegetables	250 ml	200 gm
No.2	Dalia Dal(Mung)	500 ml	200 gm
No.3	Rice-Khichdi Dal(Mung)	500 ml	200 gm
No.4	Barely-Dalia, Barely-Chapaty	250 ml	200 gm
No.5	Parpati Kalp	1-10 ltr. As recommended by Physician	-
No.6	Nil	500 ml	500 gm
No.7	Sansarjan karma	As recommended by Physician	-

### City Hospital

This 20 Bedded Hospital is situated in the heart of the Walled City, in the busy Kishanpole Bazar, 4 Kms. away from the main Campus. There is an OPD attached to the Hospital managed by the Teachers of the Departments of Kayachikitsa, Panchakarma, Shalya Tantra, Shalakyta Tantra, Roga and Vikriti Vigyan, Sharir Rachana, Sharir Kriya, Rasa Shastra & Bhaishajya Kalapana, Maulik Siddhanta, Dravya Guna, Swastha Vritta, Stri & Prasuti Roga and Bala Roga. Treatment facilities and medicines to the extent possible and wholesome diets are given to patients free of charge. A Pathology Laboratory-cum-Sample Collection Centre is available in this Hospital as an extension of Central Laboratory for pathological investigation facilities (X-ray, Blood Test, Urine Test etc.) to patients. Panchakarma therapies like Abhyanga and Swedana are also

available in the Hospital for treatment of OPD and IPD Patients. For more Investigations, the patients are referred to the Central Laboratory in the Campus. The patients treated belonged to Madhumeha, Tamak Shwasa, Amlapitta, Pratishaya, Kasa, Sandhivata, Amavata, Vatarakta, Sandhishoola, Pakshaghata, Chikungunya, Arsha, Parikartika, Swetapradara, Ajirna, Vibandha, Mutrakrichcha, Prameha, Uchchraktachapa, Sthoulya, Snayu Dourbalya, Sukrameha, Avsada, Switra, Twakavikara, Jwara, Atisara, Grahni, Pravahika, Anaha, Pandu, Kamla, Khalitya, Palitya, Dardaka, Yuvan Pidika, Gridhrasi, Katishoola etc. During the year, the total number of patients attended the OPD was 26,846 out of which 18,421 were newly registered and the total patients treated in IPD were 1,971 out of which 38 were new.

### **Satellite Hospital**

The Institute has a Satellite Hospital in Jawahar Nagar, a commercially and residentially important locality of Jaipur, providing patient care services of free Consultation and Dispensing of Medicines at OPD level. The OPD attached to the Hospital is managed by the Teachers of the Departments of Maulik Siddhanta, Sharir Rachana, Roga and Vikriti Vigyan, Rasa Shastra & Bhaishajya Kalapana, Shalya Tantra and Kayachikitsa. The patients treated belonged to Madhumeha, Jwara, Kasa, Sandhishoola, Katishoola, Udar Vikar, Twaka Vikar, Arsha, Bhagandar, Amlapitta, Gulma, Amajirna etc. During the year, the total number of patients attended the OPD was 9,995 out of which 3,988 were newly registered.

### **Tribal Hospital**

The Institute has launched a Tribal Hospital at Village Gogunda in the District of Udaipur with OPD Services. IPD Services will be started very soon. During the period under report, the total number of patients attended the OPD was 3,035 out of which 2,370 were newly registered.

### **Emergency Care Unit**

There is an Emergency Care Unit functioning round the clock at the IPD for emergency. During the year under report the services of this Unit utilized by 993 patients. A number of Ayurvedic Drugs along with life saving drugs, Oxygen and other apparatus are kept in readiness in this Unit. Teachers of various Departments assisted by P.G. and Ph. D. scholars and paramedical staffs manage it round the clock. Patients suffering from COAD (Chronic Obstructive Airway Disease), Diabetes Mellitus, Hypertension, Epilepsy, Gastro-Enterities, Diarrhea, Dehydration, Haemorrhage, Post operative Care, Retention Urine, etc. are managed and treated.

### **E-Hospital Services**

The Institute has launched E-Hospital Services and registered under the E-Hospital Services Portal of Government of India for providing benefits of consultations to the general public through its Hospital services. The OPD Services have already been computerized and it is being extended to IPD Level also.

### **Specialty Clinics**

#### **Panchakarma Unit**

There is a separate state-of-the-art Panchakarma Unit in the Campus equipped with equipments and medicines for various Panchakarma Therapies like Snehana, Swedana, Vamana, Virechana, Anuvasana Basti, Asthapana Basti and Nasya Karma. Separate and beautiful rooms and chambers are also available for providing Panchakarma treatment to dignitaries and VIPs.

#### **De-addiction Centre**

A De-addiction Centre is established in Hospital with the aim of drug free society. Proper counseling and treatment were provided to the drug-dependent patients. People habituated to tobacco, smoking, drinking liquor etc. are provided full course of treatment. Most of the drug-addicted patients expressed satisfaction with their treatment provided by the Centre.

### **Para-Surgical Procedures**

Special techniques of para-surgical procedures like Kshara Karma, Kshara Sutra, Agnikarma, Raktamokshana, Jalukavacharana, Siravyadhana etc. are being adopted to treat many sufferers. These therapies are more popular in the treatment of Arshas and Bhangandar diseases.

### **Allergic Clinic**

An Allergic Clinic is established in the Hospital in which patients suffering from allergy etc. are being treated. Free medicines including Pushkarmuladiyoga prepared in the Pharmacy of the Institute are being distributed to the patients through the OPD.

### **Child Mental Health Unit**

A Special treatment facilities are available for various disorders of children like, Attention Deficit/Hyperactive Disorders (AD/HD), Mental retardation, Academic stress, memory related disorders etc. This Unit is attracting patients from various places of the country.

### **Yoga and Naturopathy Unit**

A Yoga and Naturopathy Unit is available in the Hospital where Yoga and Pranayam were conducted on everyday for better fitness of patients and for the general health seekers. Naturopathic treatment through hydrotherapy and mudtherapy are being provided for patients suffering from various diseases like Vibhandh, Udarroga, Shirasool, Katisool, Rakta Vikar, Angamardh, Sthabdhta, Shouth, Netra Pradhahsool, Anidra, Prameha etc. Various Asana, Pranayam, Kunjal, Sutra Neti, Vastra Dhauti, Kati Snana etc. are conducted regularly for the benefit of patients.

### **Dental Unit**

This unit provides diagnosis and treatment of dental origin like Dental caries, Pyorrhca, Gingivitis etc. Various procedures like Scaling of Tooth, Extraction of Tooth, RCT, Bleaching etc. are done on regular basis.

### **Rehabilitation and Physiotherapy Unit**

Institute has a Rehabilitation and Physiotherapy Unit in the Hospital to manage patients suffering from various neurological disorders getting treatment from the Institute. This Unit is well equipped with necessary machines and instruments like Cross Trainer (Cycling), Body Solid, Ten-Station Multi Gym, Power Plate(Body Massage, Weight Reducer) etc. for the benefit of patients.

### **Haematology Biochemistry Unit**

The Institute has a well-equipped Unit with latest instruments and equipments like 5 Port Hematology Analopzer and Fully Automatic Biochemistry Analyzer in the Central Laboratory. This has benefited easy and quick laboratory investigations for getting remarkable and accurate results. More than 200 tests are done on an average very soon.

### **Specialty Clinic for Pre-Diabetes, Diabetes and Metabolism Syndrome**

A Specialty Clinic for Pre-Diabetes, Diabetes and Metabolism Syndrome is also functioning in the Hospital for providing consultation on preventive and promotive aspects of diabetes, management and treatment to patients. Medicines specially prepared for various stages of diabetes were also dispensed.

### **Uroflowmetry Laboratory**

The Institute has a Uroflowmetry Laboratory to calculate the flow rate of urine over time and to provide important information about the condition of lower urinary tract. This is very useful to diagnose the Obstructive Uropathy disorders and Prostatic Enlargement.

## Central Laboratory

There is a Central Laboratory to meet the requirements of various investigations and tests, both for OPD, IPD and Research Patients. The investigation facilities provided to patients include Hematological Tests, Urine Tests, Biochemical Tests, Seriological Tests, Sonography, X-ray, ECG, TMT, etc. Sophisticated equipments and instruments are available in the Laboratory. Students and Scholars also perform the investigation themselves as part of their training. A separate Microbiology Unit is proposed to be set up with latest equipments and apparatus.

## SCP & TSP Scheme - Free Medical Aid to SC and ST Population:

The Institute is implementing SCP and TSP Schemes since 1983-84 for which separate Budget Provisions for these 2 Components are made in the Budget every year. The Institute organizes Mobile Medical Camps by offering Free Consultations, Health Check-up, Dispensing of Medicines etc. in various earmarked and remote Villages/Panchayat Samitis etc. inhabited by SC and ST population in around 12 Districts of Rajasthan.

Under the Scheme, the Institute is organizing Medical Camps ranging from 1-day to 7-days duration to provide free medical facility through its Mobile Clinical Unit in SC and ST inhabited areas of various Districts of Rajasthan like Udaipur, Dungarpur, Banswara, Sirohi, Jalore, Barmer, Jaisalmer, Chittorgarh, Pratapgarh and Jaipur. An Assistant Professor is In-Charge of this Unit. During the year 102 Camps (36 One-Day, 2 Two-Days, 5 Three-days, 1 Four-days, 8 Five-days, 48 six-days and 1 Seven-day) were organized in the Villages and Settlements in the SC and ST inhabited Districts of Udaipur, Dungarpur, Banswara, Sirohi, Jalore, Barmer, Jaisalmer, Chittorgarh, Pratapgarh and Jaipur. Under these Camps, total patients benefited were 81,151 and medicines of Rs. 2,89,26,021/- were dispensed free of cost to patients. Apart from the above, medicines of Rs. 1,07,762 were issued to Departments for organizing Camps and medicines of Rs. 11,72,857 were issued to the Tribal Hospital run by the Institute at Gogunda in Udaipur District. Faculty Members and Para-Medical Staff of the Institute participated in these Camps. Rs. 300 Lakhs was provided for this during the reported year.

## Pharmacy

The Institute has a GMP Certified Pharmacy for manufacturing various types of medicines required for Hospitals and Research purposes. The Good Manufacturing Practices (GMP) are strictly followed by the Pharmacy. Quality Control measures to maintain quality standards of medicines at all levels have been adopted. Standard hygienic conditions and improved quality of medicinal products are maintained. The Pharmacy is attached to the Department of Rasa Shastra and Bhaishajya Kalpana and is managed and supervised by an Associate Professor of the Department who is also involved in practical teaching, training and demonstration to UG students and PG scholars in order to impart knowledge about different stages and methods of preparation of different Ayurvedic medicines. Much importance is attached to maintenance of quality of ingredients used in various preparations. Medicines are prepared strictly according to Ayurvedic principles and methods, especially those described in Bhaishajya Ratnavali, Rasa Yoga Sagar, Siddha Yoga Sangrah, Siddha Bhaishajya Manimala, Yoga Ratnakar, Bhava Prakash, Sarangdhar Samhita, etc. In addition, certain highly effective Yogas are also prepared according to the methods prescribed in Ayurvedic Scriptures.

The Pharmacy is equipped with modern equipments and machineries like Disintegrator, Mini Pulveriser, Cutting/Chopping Machine, Dryer, Diesel Furnance, Electric Furnances, Juicer, End Runner, Pill Thread Making and Pill Cutting Machine, Coating Pan, Capsule Filling Machine, Pouch Packing Machine, Liquid Filling Machine, Capsule Sealing Machine, Weighing Machines, Mass Mixer, Wet Grinder, Dehumidifier, Scrubber, Dryer, Tablet Making Machine, Micro Pulveriser, Vibro Sifter etc. Conventional equipments are also available and are put to use in the method of preparation, wherever necessary. In addition to preparation of the various types of medicines required for hospitals for dispensing in IPD and OPD, the Pharmacy also prepares medicines required for various research purposes of Ph.D., PG scholars and Teachers. Such medicines are prepared in the presence of the research scholars concerned in order to make them understand and gain the knowledge of various ingredients used, methods and various stages of preparation. During the period under report, 293 Types of Medicines (48,427 Kg.) worth Rs. 2,04,78,079/- were manufactured registering an increase of 7,057 Kg. as compared to last year.

## **Library**

The Library has adequate infrastructure and sufficient space for office, students, storing of books and other materials. All halls of the Library are air-conditioned and equipped with CCTV Cameras and Wi-Fi Internet Connection. The Library offers circulation, photocopying references and press clippings services.

The Library has Publications on various subjects on Ayurveda, Naturopathy, Allopathy, Philosophy, Sanskrit, Science, etc. Reading Room facilities are provided where current Journals, Magazines, Bulletins, leading national and local dailies are made available. The Library has nearly 28,056 Text Books on Ayurveda and other sciences required for the teaching. 115 Journals and Newspapers were subscribed for the Reading Room. 2,616 Annual Volumes of Journals were available for reference and research purposes. The Book Bank has 7,531 books for the use of students of each class on merit-cum-need basis. The Reading Room was utilized by Teachers, Staff, Scholars and Students for more than 37,985 times. Open Access System is maintained and books are arranged in classified order. Reader Tickets are issued to students to get books for study at their residence. The Library remains open for 12 hours on all working days. On Sunday and other Holidays also, it is open for 6 hours. Rare and reference books are kept separately in the Research and Reference Cell for compiling index and bibliography. Departmental Libraries are also functioning in all the 14 Departments for immediate and on the spot reference by teachers and scholars. These Libraries are enriched with new additions every year. The Library has a collection of Thesis submitted by Teachers, PG and Ph.D. scholars. Automation of Library work is in progress and in near future it will digitalize.

## **INTERNATIONAL INITIATIVES**

### **Visit of Drug Regulators from African Countries**

2 Teams of Drug Regulators from various African Countries visited the Institute on 10-11 February 2018 under the India-Africa Forum Summit. The visit was part of the proposal approved by the Cabinet and announced by Hon'ble Prime Minister of India during the Third India Africa Forum Summit (IAFS III). They were shown various activities of the Institute and discussions and interactions on academic activities, drug preparation, drug regulations, etc. were held to their satisfaction.

### **Visit of Delegation from Canada**

A Delegation of 2 Doctors from Montreal University of Canada visited the Institute on 15 February 2018 to explore feasibility of launching Courses on Ayurveda in the University with the collaboration of NIA and held detailed interactions on various topics of Ayurveda also.

### **Foreign Visit of Director and Faculty**

Director visited Madrid, Spain to organize International Day of Yoga and also to present Lecture Series on Ayurveda and Yoga during 19-24 June 2018. Director also visited Frankfurt, Germany to participate in the 19th International Ayurveda Symposium organised by Rosenberg European Academy of Ayurveda through the Consulate General of India on 8-10 September 2017.

Dr. Nisha Ojha, Assistant Professor was deputed by the Ministry of AYUSH, Government of India to participate as an expert in "Yoga and Well being Workshop" in Cultural Festival, "India By the Nile (IBN)", organized by Embassy of India in Cairo, Egypt on 12-15 March 2018. Dr. Ashok Kumar, Assistant Professor visited Bangkok to participate in the Festival of India during 22-24 September 2017. Dr. Sumit Nathani, Assistant Professor visited Mangolia to participate in a Conference on Ayurveda Celebration organized by the Embassy of India at Mangolia during 14-15 December 2017.



## **GENERAL ACTIVITIES**

### **Establishment of National Institute of Ayurveda, Yoga and Naturopathy at Panchkula in Haryana as an Extension Center of National Institute of Ayurveda.**

The Ministry of AYUSH, Government of India has approved to establish a National Institute of Ayurveda, Yoga and Naturopathy at Panchkula in Haryana as an Extension Center of National Institute of Ayurveda. A 20 acres Land has already been handed over to NIA by Shri Mata Mansa Devi Shrine Board of Panchkula on lease. M/s. WAPCOS Ltd., an Undertaking of Ministry of Water Resources, River Development & Ganga Rejuvenation, Govt. of India has been appointed Project Management Consultant for establishing the proposed Institute.

### **NABH Accreditation**

The Institute received NABH Accreditation from National Accreditation Board for Hospitals and Healthcare Providers (NABH), the highest national recognition and a mark of quality patient care and safety. The Final Assessment of NABH for granting the Accreditation done was on 16-18 August 2017. The Certificate of Accreditation was handed over to Prof. Sanjeev Sharma, Director, NIA by Dr. Gayatri Vyas Mahindroo, Director, National Accreditation Board for Hospitals and Healthcare Providers, Quality Council of India in the inaugural function of the first National Youth Festival of Ayurveda jointly organised by the Institute at Jaipur and National Ayurveda and Youth Association during 14-16 September 2017. On the occasion, Hon'ble Minister of State for AYUSH Shri Shripad Naik, Hon'ble Health Minister of Rajasthan Shri Kali Charan Saraf, Vaidya Rajesh Kotecha, Special Secretary (AYUSH), Dr. Vanitha R., President, CCIM NABH and other dignitaries were also present. NABH is an institutional Member of International Society for Quality in Health Care (ISQua) as well as member of ISQua Accreditation Council. NABH standards for hospitals have been accredited by ISQua. Thus hospitals accredited by NABH will have international recognition. With this Accreditation, the National Institute of Ayurveda also became the first Institute of its kind under the Ministry of AYUSH to be certified by NABH.

### **Rashtriya Ayurveda Yuva Mahotsav**

1<sup>st</sup> Rashtriya Ayurved Yuva Mahotsav organised by National Ayurveda Youth Association in association with the Ministry of AYUSH and was hosted and organised by the Institute on 14-16 September 2017 in the Campus. It was inaugurated on 14-9-2017 by Hon'ble Minister of State for AYUSH Shri Shripad Naik in the presence of Hon'ble Health Minister of Rajasthan Shri Kali Charan Saraf, Shri Surendra Pareek, M.L.A., Vaidya Rajesh Kotecha, Special Secretary (AYUSH), Dr. Vanitha R., President, CCIM, Dr. Gayatri Vyas Mahindroo, Director, NABH.

### **Guinness World Record for NIA**

On 15-9-2017, NIA, National Ayurveda Youth Association and Dabur together set a new Guinness World Record for the Most People Receiving Nasya Panchakarma Treatment simultaneously. The 'Nasya Karma' is a method of treatment in which a patient receives Ayurvedic medicines through the nose. This is performed for diseases related to the head. It also helps in treating health-related disorders of ear, throat and nose, including allergic rhinitis, migraine, hair fall etc. It is also beneficial for maintaining eyesight. Hon'ble Member of Parliament from Jaipur Shri Ramcharan Bohra, Rajasthan Lokayukta Justice S.S. Kothari and Vice-Chancellor of Dr. SR Rajasthan Ayurved University Prof. R.S. Sharma were present on the occasion. Hon'ble MP said in his address that that one can achieve good health by adopting Ayurveda in his daily life. Rajasthan Lokayukta S S Kothari said one should answer the world through his work and not through speech. The world record set by the students is true example that the Ayurveda is the best medicine practice in the world, he said. Around 3000 Ayurvedic students, researchers and practitioners from more than 100 Ayurveda colleges/organizations from all over the country participated in the event.

### Meeting of Standing Finance Committee

The 53<sup>rd</sup> Meeting of Standing Finance Committee was held under the Chairmanship of Shri Anurag Srivastava, Joint Secretary, Ministry of AYUSH on 5th June 2017. Various decisions/recommendations were taken in the Meeting.

### Appointments and Promotions

During the reported year, Meetings of Selection Committee and DPCs of Group-A, B and C were held and after approval of competent authorities, the following Posts were filled:

Sl.No.	Name of Post	Posts filled by		
		Direct Rectt.	Regular Promotion	DACP Promotion
1.	Professor-SAG	-	-	4
2.	Professor	4	-	26
3.	Associate Professor	3	2	2
4.	Assistant Professor	-	2	-
5.	Lecturer	11	-	-
6.	Librarian	-	-	1 (ACP Upgradation)
7.	Office Assistant	-	1	-
8.	UDC	-	2	-

### Grant of Financial Upgradation under MACP Scheme

28 Group-C Employees were granted Financial Upgradation to the next higher Grade Pay under MACP Scheme.

### Switching over to PFMS

The Institute has switch over to PFMS for all financial transactions as per directions of the Govt. of India. For this necessary training was given to officers and staff by Chief Controller of Accounts of the Ministry.

### Journal of AYURVEDA

The Peer Reviewed Journal of the Institute, suiting to the international standards and present day requirements of the scientific world, is published regularly with Articles and Research Papers received from various Ayurvedic Colleges, Institutions and Organizations etc. only after they are reviewed and approved by Subject Experts concerned. The Journal is of use not only to students, scholars and researchers but also to the Ayurvedic Teachers, Medical Officers working at various levels. The Journal has a very wide subscription base.

### NIA Newsletter

The Institute regularly publish a bi-monthly Newsletter, NIA Newsletter to disseminate the various activities of the Institute to readers. It is very informative and useful to the readers. In addition to the significant activities of the Institute in a quarter, the Newsletter also carries health quotes from ancient Ayurvedic Samhitas. The Newsletter is distributed to Research Councils, Institutes, Ayurvedic Colleges, Institutes, Organizations, Libraries, etc. free of cost.

### **IEC Materials - Brochures, Handbills, Pamphlets etc.**

The Institute regularly publishes and distributes IEC materials in the form of Handbills, Pamphlets etc. for various occasions like Arogya Melas, Workshops, Medical Camps etc. These contain information on the various services offered in the Institute Hospital, Academic Courses and also about various Panchakarma Therapies, Diseases, Promotive and Preventive aspects, Do's and Don'ts for maintaining good mental and healthy life etc. They are widely distributed for general public.

### **Establishment Day**

Establishment Day of the Institute was celebrated on 7-2-2018. A Dhanwantari Puja was performed. On the occasion, 2 Employees of the Institute, Shri Ramnarain Saini, LDC and Shri Vishwas Lal Dagar, MTS were felicitated. They were presented with a Certificate of Appreciation, Sripkala and Shawl by Director in the presence of Teachers, Officers, Staff, Scholars and Students.

### **Anti-Terrorism Day**

On the occasion of Anti-Terrorism Day on 21-5-2017, Director administered Pledge to Teachers, Officers, Staff, Scholars and Students who attended in good number.

### **Sadbhavana Diwas**

The Institute celebrated Sadbhavana Diwas 20-8-2016. Director administered the Pledge on 20-8-2016 to Teachers, Officers, Staff, Scholars and Students for promoting communal harmony, national integrity, peace and affection among people beyond any feeling of caste, color or creed.

### **Swachh Bharat Abhiyan**

The Swachh Bharat Abhiyan continued in the Institute with full sprit and enthusiasm. The Departments, Hospital Laboratories, Pharmacy, Offices, Hostels and also the entire Campus have been got cleaned in the Campaigns organized from time to time. The Cleanliness Drive is continued in order to keep the Campus neat, clean and tidy always.

### **Rashtriya Ekta Divas**

Rashtriya Ekta Divas (National Unity Day) was celebrated on the Birth Anniversary of Sardar Vallabhbhai Patel on 31-10-2017 in the Institute as per the instruction of Govt. of India. Director administered the Pledge to the Teachers, Officers, Staff, Scholars and Students to maintain the unity and integrity of the country.

### **Vigilance Awareness Week**

Vigilance Awareness Week was observed during 30 October 2017 to 4 November 2017 in the Institute as per the instruction of Central Vigilance Commission. Director administered the Pledges to the Teachers, Officers, Staff, Scholars and Students to maintain the unity and integrity of the country.

### **Rajbhasha Samiti**

The Institute has re-constituted the Rajbhasha Karyanvayan Samiti headed by Prof. Sanjeev Sharma, Director who performs various activities like organization of Hindi Diwas (14-9-2017), Hindi Pakhwara(1-9-2017 to 15-9-2017), and holds meetings for promoting the atmosphere of Rajbhasha in the Institute round the year. Quarterly Meetings of Rajbhasha Karyanvayan Samiti were held on 26-6-2017, 29-9-2017, 13-12-2017 and 26-3-2018 in which various decisions and recommendations were made. Appropriate steps were taken for the implementation of the decisions taken in the meetings of the Rajbhasha Karyanvayan Samiti.

### **Hindi Workshop – Use of Hindi Language in Official Work – Problems and their Solutions**

During the year one Hindi Workshop on Use of Hindi Language in Official Work – Problems and their Solutions was organized by the Institute on 14-12-2017. It was inaugurated by Devarshi Kala Nath Shastry, an eminent scholar of Sanskrit. On the Occasion Shri DP Agrawal, Smt. Jaisree Prabha and faculty members and officer of the Institute were also present. Prof. Sanjeev Sharma, Director welcomed the guests. Devarshi Kala Nath Shastry mentioned in his speech about the impact and importance of using Hindi as an official language. Dr. Govind Pareek, Assistant Professor delivered the vote of thanks. All the teachers, officers and officials were actively participated in the workshop.

**Public Grievances Cell:** During the reported year, only 10 grievances were received and they were promptly attended to, the remedial measures taken and the complainants were informed accordingly. The data was also submitted to the Ministry of AYUSH.

### **RTI Cell**

During the year, 88 Applications were received and replies/information to all of them were provided. The Institute is regularly updating Data on the Website of CIC every Quarter.

### **SC-ST Cell**

Determination of Vacancies of various Posts for Direct Recruitment as well as Promotion is made after the Roster Points etc. are examined and cleared by the Liaison Officer and In-Charge of SC-ST Cell.

### **Auditorium**

The Institute has an air-conditioned Auditorium with a capacity of 500, with push-back seats, built with all facilities suiting to a modern one with latest sound and light schemes. This is the only Auditorium of its kind in the walled city with good amenities including provision for handicapped persons and separate Generator Set. The Auditorium has a big screen for projection. The curtains fitted at the stage are fireproof and the colour lights are motor-operated. Proper fire-fighting equipments are also provided. This is being used for weekly seminars by Departments, cultural activities of students and staff of the Institute. Apart from Institute's own use, the Auditorium is also rented out to educational institutions and organizations for seminars, meetings and other programs.

### **Hostel**

Presently the Institute has the following Hostels for UG Students, PG and Ph.D. Scholars with 440 Seats in the Campus and at Jawahar Nagar:

UG Boys Hostel	2	117 Seats
PG Boys Hostel	1	134 Seats
UG & PG Girls Hostel	2	169 Seats
Ph.D./PG Hostel in Flats	-	20 Seats



## DEPARTMENT OF AGAD TANTRA

**Introduction:** Agad Tantra deals with study of the poisons, its action, clinical manifestation diagnosis of acute, chronic and cumulative toxicity and treatment. Poison refers to the toxins produced by toxic materials and living organism which are dangerous to human beings e.g. poisonous plants, heavy metal and its compound, the venom of snake, scorpion, spiders, bees etc., bacterial and non-bacterial food poisoning, artificial poison like insecticide, herbicide and rodenticide etc. It includes also occupational and industrial toxicity, its clinical manifestation, diagnosis and management. It includes also acute, chronic toxicity of various addicted drugs, its withdrawal and its management. The Department imparts Under Graduate and Post Graduate education and training to students in Ayurvedic classical references of Visa (poison), its detailed description, its classifications and examinations, diseases caused by it, principles of managements and preventive measures of the poisons, and legal aspect of medical practice, medical aspects of Law and forensic medicine.

During the year under report, 2 Professors (1 on contractual basis), 1 Assistant Professor and 1 Lecturer with other supporting technical and non-technical staff were working in the Department.

### Aim and objectives –

1. To impart education of undergraduate, post-graduate and Ph.D. students about Toxicology.
2. To impart education of undergraduate, post-graduate and Ph.D. students about Forensic Medicine.
3. To produce quality researchers and teachers in the field of Ayurvedic research.

### Achievements

#### Academic:

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Agad Tantra, Vyavhar Ayurved and Vidhi Vaidyak were provided to students of BAMS.

**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Agad Tantra, Vyavhar Ayurved and Vidhi Vaidyak subject were provided to PG Scholars. Research works were also conducted.

**C) Ph. D. Level :** During the year, theoretical as well as practical teaching, training and guidance in the subject of Agad Tantra, Vyavhar Ayurved and Vidhi Vaidyak subject were provided to Ph. D. Scholars. Research works were also conducted.

**D)** The Students have been taken to Mahatma Gandhi Medical College and Hospital to show them Post-Mortem demonstration and thereby giving them practical trainings on the subject. This is continuing in batches.

#### Research:

During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Rashmi Saini	Dr. Vinod Kumar Gothecha Professor Dr. Sharad Maroti Porte Assistant Professor	In Vivo Anti Cancer Activity and Toxicity of Hargouri Rass w.s.r. to Endometrial Cancer.
2.	Dr. Monika Sharma	Dr. Sharad Maroti Porte Assistant Professor	In Vivo Anti Cancer Activity and Toxicity of Ayurvedic Compound w.s.r. to Leukaemia.
3.	Dr. Rajveer Sason	Dr. Anita Sharma Professor	The Clinical Study of Amritaadi Ghanvati and Vishghan Lepa in Dushivishjanya Vikar w.s.r. to Allergic Skin Diseases.
4.	Dr. Nilam Arya	Dr. Anita Sharma Professor	A Clinical Study of Efficacy of Vicharchikari Tailam and Vidangadi Pindi in the Management of Vicharchika.

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5.	Dr. Subodh Jain	Dr. Vinod Kumar Gothecha Professor Dr. Sharad Maroti Porte Assistant Professor	Antibacterial Study of Aqueous Extract of Vishaghan Mahakashaya w.s.r. to Food Poisoning.
6.	Dr. Sushil	Prof. Vinod Kumar Gothecha Dr. Sharad Porte Assistant Professor	An In Vivo Antipyretic Study of Amritmanjiri Rasa with Shuddha Hingula and Shadguna Balijarit Rasasindura as an Ingredient and its Therapeutic Efficacy w.s.r to Jwara.

During the year under Report, following research works of MD(Ayurveda) Scholars were continued details of which are given below:

<b>Sl.No.</b>	<b>Scholar</b>	<b>Supervisor/ Co-Supervisor</b>	<b>Topic</b>
1.	Dr. Sanchit Jain	Dr. Vinod Kumar Gothecha Professor Dr. Anita Sharma Professor	A Comparative Clinical Study on Effect of Kutnatadi Tailam and Gunja Lepa on Khalitya.
2.	Dr. Sapna Khatri	Dr. Anita Sharma Professor Dr. Shard Maroti Porte Assistant Professor	Clinical Efficacy on Palashbeejadi Yoga and Kampillakadi Lepa on Mandal Kushtha w.s.r. Dushi Visha.
3.	Dr. Manpreet Kour	Dr. Anita Sharma Professor Dr. Shard Maroti Porte Assistant Professor	Clinical Study of Brahm Ras and Chatusam Lepa in Dushivishjanay Tvak Vikar.
4.	Dr. Meena Kumari	Dr. Vinod Kumar Gothecha Professor Dr. Anita Sharma Professor	Clinical Efficacy of Vishamushthyadi Vati in Tobacco Addiction – A randomized Control Trial.
5.	Dr. Sandeep Charak	Dr. Shard Maroti Porte Assistant Professor	Efficacy of Narayan Churna in Alcohol Addiction : Single Blind Randomized Clinical Trial.
6.	Dr. Piyush Gupta	Dr. Anita Sharma Professor Dr. Sharad Porte Assistant Professor	Clinical efficacy of Brahmi vati on insomnia w.s.r. to Madatyā : A Randomized control trial
7.	Dr. Sheetal Meena	Prof. Vinod Kumar Gothecha Professor Dr. Anita Sharma Professor	A comparative clinical study of Saptasama yoga, Manahshilaadi lepa and psoria oil in mandal kushta
8.	Dr. Divya Tiwari	Dr. Anita Sharma Professor Dr. Sharad Porte Assistant Professor	Clinical efficacy of Lakshaadi lepa Panchanimba Ghana vati in Mukhdooshika w.s.r to snee vulgasis : A Randomized control trial.
9.	Dr. Sheetal Yadav	Prof. Vinod Kumar Gothecha Dr. Anita Sharma Professor	Role of Arka taila and Baakuchi churna on vicharchikaa: A randomised control tria
10.	Dr. Manju Kumari	Prof. Vinod Kumar Gothecha, Professor Dr. Anita Sharma, Professor	A comparative clinical study on effect of Jaatyaadi tailum and Baakuchikadyam Gunjaadi lepa on Khalitya.
11.	Dr. Parveen Kumar	Dr. Sharad Porte Assistant Professor Dr. Manoj Kumar	Comparative clinical study on efficacy of vish tindukadi vati and Samiragajakeshri Rasa in opium addiction
12.	Dr. Hemlata Dixit	Dr. Anita Sharma Professor Dr. Amol Kadu, Lecturer	Clinical efficacy of lakshadi lepa on dadru kushta w.s.r. to dushivisha : A Randomized Control Clinical Trial.
13.	Dr. Seema Yadav	Dr. Amol Kadu Lecturer	A comprehensive review of drugs having vishaghna karma mentioned in bhavaprakash nighantu
14.	Dr. Vandana Chandel	Dr. Anita Sharma Professor Dr. Amol Kadu	Clinical Efficacy of Drakshadi Churna in Madataya with special reference to Alcohol Addiction : A Randomized Control Clinical Trial.

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15.	Dr. Upasana Mishra	Dr. Anita Sharma Professor Dr. Amol Kadu Lecturer	A Comparative Study of Sahakara Gutika and Kushthadya Gutika in Tobacco Chewing Addiction : A Randomized Clinical Trial.
16.	Dr. Sonam Donden	Dr. Sharad Porte Assistant Professor	Anti Cancer Activity and Cytotoxicity of Moringa Oleifera & Calotropis Procera : An Invitro Study.
17.	Dr. Anindyalok Bandyopadhyay	Dr. Anita Sharma Professor Dr. Amol Kadu Lecturer	Comparative Clinical Study of Rohitakadya Churna Ghan Vati with Vardhaman Pippali Rasayan in Alcoholic Liver Disease.

During the year under Report, the following Ph.D. Scholars continued thier research work:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Bhawana Mittal	Dr. Anita Sharma Professor	A Clinical Study to Evaluate the Efficacy of Chitrakadi Lepa and Siddharthakadi Kwath in Kushtha w.s.r. to Psoriasis.
2.	Dr. Madhu Pathak	Dr. Anita Sharma Professor	To evaluate the efficacy of Nishadi Kwatha Ghan Vati and Brihat Sindooram Tailam in Vicharchika – A Clinical Study.
3.	Dr. Richa Sharma	Dr. Anita Sharma Professor	A Clinical Study to Evaluate the Efficacy of Pancha Nimba Churna and Brihat Marichadyam Tailam in Vyanga.

### Clinical:

Clinical services were rendered to Indoor and Outdoor patients of the hospitals by this Department. Diagnosis and treatment facilities were provided to patients in Indoor and as well as Outdoor of the hospitals by teachers, PG and Ph.D. Scholars of the Department. Pateitns specially related to dushi vishajanya skin diseases and chronic toxicity of addicted drugs, its withdrawal and management were treated. Faculty Members of the Department were also participated in the Mobile Clinical Camps organized in SC and ST inhabited areas.

### Publication:

#### (A) Articles Published in Journals/Magazines:

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Anita Sharma Professor	Role of Ayurvedic management of chemical toxicity of Cosmetics : A Review.	IJRAP Vol.8,Issue-2, Mar-Apr 2017
2.	Dr. Anita Sharma Professor	A Critical Review on Luta vish(Spider poison) : An Ayurvedic Approach.	European journal of Pharmaceutical and Medical Research EJPMR May 2017. Vol. 4, Issue(5)
3.	Dr. Anita Sharma Professor	Therapeutic uses of Hartal - A Critical Review.	European Journal of Biomedical and Pharmaceutical Sciences (Peer review journal) Volume 4, Issue 10 August 2017
4.	Dr. Anita Sharma Professor	Clinical Study on the Efficacy of Takzema Tablet and Takzema Ointment in Management of Vicharchika (Eczema).	WJPR Issue No.-10 Volume-6, Sept.-2017
5.	Dr. Anita Sharma Professor	A Toxicological Review of Vatsanabha (Aconitum ferox).	International Journal of Information Research and Review Vol 4, Issue 9, Sept. 2017.

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6.	Dr. Anita Sharma Professor	Clinical Diagnostic Methods and Management of Tobacco Chewing Addiction through Ayurveda.	WJPR Volume 6, Issue-15, 9 November 2017
7.	Dr. Anita Sharma Professor	Yuwan Pidika - A Conceptual Study w.s.r. Acne Vulgaris - A Review Article.	Global Journal for Research Analysis Volume-6, Issue-10 October 2017 ISSN No. 2277-8160
8.	Dr. Anita Sharma Professor	Clinical Efficacy of Brahmi Vati : A Critical Review.	- September-2017
9.	Dr. Anita Sharma Professor	Role of Ayurveda in the Management of Ojus Kshaya w.s.r. to AIDS.	International Journal of Current Research Volume-9, Issue-4 April 2017
10.	Dr. Anita Sharma Professor	Medical Negligence in Ancient Science - A Systemic Review.	Global Journal for Research Analysis Volume-6, Issue-6 June 2017
11.	Dr. Anita Sharma Professor	Conceptual Study of Cumulative Poisons with special reference to Dushi Visha.	World Journal of Pharmaceutical Research Volume 6, Issue No. 6 June 2017
12.	Dr. Anita Sharma Professor	Prevention and Ayurveda management of Lead Poisoning.	Imperial Journal of Interdisciplinary Research Issue No.-8, Volume-3 2017
13.	Dr. Anita Sharma Professor	Role of Ancient Indian Sciences in Mental Health.	World Journal of Pharmaceutical Research, Vol-6, Issue-7 July 2017
14.	Dr. Anita Sharma Professor	Phytochemical and Pharmacological study of Dhatura - A Review	International Journal of Research in AYUSH and Pharmaceutical Sciences Volume-1, Issue-2 August-2017
15.	Dr. Anita Sharma Professor	Health hazards of Vairodhika Ahar and its Management through Ayurveda	World journal of Pharmacy and Pharmaceutical Sciences August-2017, Volume-6 Issue-9
16.	Dr. Anita Sharma Professor	Rasayana Karma of Bhallatak- A Review.	World Journal of Pharmaceutical Research Issue No. 10, Volume-6 September 2017
17.	Dr. Anita Sharma Professor	Professional Misconduct and Standards of Practitioner in Ayurveda.	European Journal of Biomedical and Pharmaceutical Sciences, Issue No. 9, Volume 4 September 2017
18.	Dr. Anita Sharma Professor	Role of Self Care in Management of Type-2 Diabetes Mellitus.	Journal of Ayurveda Volume 11(1)2017
19.	Dr. Anita Sharma Professor	Ayurvedic Management of Opium Addiction : A Case Study.	International Journal of Research in Ayurveda & Pharmacy, Vol 9, Issue- 1 January-February 2018
20.	Dr. Anita Sharma Professor	Ayurvedic Management of Madatyaya: A Case Study.	October - 2017
21.	Dr. Anita Sharma Professor Dr. Sharad Porte Assistant Professor	A Critical Review of Forensic Medicine in Ayurveda.	Journal of Ayurveda Volume 10, Issue 1 2017



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22.	Dr. Anita Sharma Professor Dr. Sharad Porte Assistant Professor	Protocol for Diagnosis and Management of Dushee Visha in Current Era.	Journal of Ayurveda Volume 10, Issue 3 2017
23.	Dr. Sharad Porte Assistant Professor	Diagnosis and Management of Chronic Toxicity of Alcohol and Its Withdrawal Through Ayurveda.	World Journal of Pharmaceutical Research Volume 6, Issue 12 Sep. 2017
24.	Dr. Sharad Porte Assistant, Professor	Ayurvedic Method of Prevention and Management of Long Term Hazards of Chemotherapy.	Ayurvedic Journal of Medical and Health Research Volume 3, Issue 7 July 2017
25.	Dr. Sharad Porte Assistant Professor	Ayurvedic Method of De-Addiction of Alcohol.	International Journal of Pharmacology and Toxicology 7(2), 2017
26.	Dr. Amol Kadu Lecturer	Management of Recurrent Nasal Vestibular Furunculosis by <i>Jalaukawacharan</i> and Palliative Treatment - A Case Report.	Ancient Science of Life Volume 36(4), April-June 2017

**(B) Participation In Workshops/Seminars:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar	Paper Presented
1.	Dr. Anita Sharma Professor	A Workshop on The Applied Aspects of Charaka Samhita on 15-19 May 2017 organised by National Institute of Ayurveda, Jaipur.	--
2.	Dr. Anita Sharma Professor	An International Conference Evidence Based Ayurveda & Life Sciences held on 16-17 April, 2017.	The Pathogenesis & Management of Allergic Bronchial Asthama.
3.	Dr. Anita Sharma Professor	Symposium on Pain Management through Ayurveda held on 12 January 2018 at NIA, Jaipur.	--
4.	Dr. Anita Sharma Professor	National Workshop-cum-Training Programme on Cancer held on 17-18 January 2018 at NIA, Jaipur.	--
5.	Dr. Anita Sharma Professor	Workshop on the Subject of Hindi organised by the National Institute of Ayurveda on 14-12-2017.	--
6.	Dr. Sharad Porte Assistant Professor	Cancer in a New Way : Innovation, Prevention, Diagnosis and Cure held by Innovation World Cancer Congress – 2017 at Kolkata on 20-22 Sept. 2017.	In Vivo Anti-Cancer Activity of Ayurvedic Compound w.s.r. to Leukaemia.
7.	Dr. Sharad Porte Assistant Professor	Rajasthan Conclave-5 organised by Desert Medicine Research Centre, Jodhpur on 13-16 December 2017 at Jodhpur.	Anti-Cancer Activity of Ayurvedic Compound : In Vivo.
8.	Dr. Sharad Porte Assistant Professor	Workshop 27 <sup>th</sup> to 30 <sup>th</sup> Nov 2017, regarded by National Institute of Ayurveda, Jaipur.	Lecture on Research Methodology, Statistics & Good Clinical Practice.

**(C) Participation of Scholars in Workshops/Seminars:**

Sl.No.	Name of Students	Details of Workshop/Seminar	Paper Presented
1.	Dr. Sapana Khatri M.D. Final Year	One day Workshop (Medha Kaushlam) as delegate held on, 26 <sup>th</sup> Nov.2017, organised by Vishwa Ayurveda Parishad, State Unit Rajasthan.	Excellence in Writing Skills for Ayurveda Scholars.

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2.	Dr. Sapana Khatri M.D. Final Year	CME Program organised by PG Department of Shalyatantra, NIA, Jaipur.	The Management of Arshas/ Hemorrhoids.
3.	Dr. Sapana khatri M.D. Final Year	Workshop organized by NIA, Jaipur on 27-30 November 2017.	Research Methodology, Statistics & Good Clinical in Ayurvedic Research Workshop.
4.	Dr. Sapana khatri M.D. Final Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	--
5.	Dr. Meena Mahto M.D. Final Year	An International Conference Evidence Based Ayurveda and Life Science (AAAICON- 2017) held on 16-17 April 2017 at Bareilly (UP), India.	Abhyang Karma.
6.	Dr. Meena Mahto M.D. Final year	Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by NIA, Jaipur.	Madhumeha w.s.r to Diabetic Neuropathy.
7.	Dr. Meena Mahto M.D. Final Year	Workshop on Research Methodology, Statistics and Good Clinical Practices held on 27-30 November 2017 by NIA, Jaipur.	Participated as Participant.
8.	Dr. Meena Mahto M.D. Final Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
9.	Dr. Manpreet Kaur M.D. Final Year	Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by NIA, Jaipur.	Participated as Participant.
10.	Dr. Manpreet Kaur M.D. Final Year	An International Conference Evidence Based Ayurveda and Life Science (AAAICON- 2017) held on 16-17 April 2017 at Bareilly (UP), India.	Participated as Participant.
11.	Dr. Sanchit Jain M.D. Final Year	Workshop on Bringing Objectivity to Assessment Variables For Research In Ayurvedic Skin Care.	Participated as Participant.
12.	Dr. Sanchit Jain M.D. Final Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
13.	Dr. Sanchit Jain M.D. Final year	Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by NIA, Jaipur.	Participated as Participant.
14.	Dr. Sheetal yadav M.D. Secnod Year	International Seminar on Multi-Disciplinary Approach to Non-Communicable Diseases.	Paper Presented on Management of Madhumeha Through Diet And Life Style - A Review
15.	Dr. Sheetal Yadav M.D. Secnod Year	Workshop On Bringing Objectivity to Assessment Variables For Research In Ayurvedic Skin Care.	Participated as Participant.
16.	Sheetal yadav M.D. Secnod Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
17.	Sheetal yadav M.D. Secnod Year	CME Program organised by P.G. Department of Shalya Tantra, NIA, Jaipur.	Participated as Participant.
18.	Divya tiwari M.D. Secnod Year	Workshop on Bringing Objectivity to Assessment Variables For Research In Ayurvedic Skin Care.	Participated as Participant.
19.	Divya Tiwari M.D. Secnod Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
20.	Divya Tiwari M.D. Secnod Year	CME Program organised by P.G. Department of Shalya Tantra, NIA, Jaipur.	Participated as Participant.
21.	Manju Kumari M.D. Secnod Year	Workshop on Bringing Objectivity to Assessment Variables For Research In Ayurvedic Skin Care.	Participated as Participant.
22.	Manju Kumari M.D. Secnod Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
23.	Manju Kumara M.D. Secnod Year	CME Program organised by P.G. Department of Shalya Tantra, NIA, Jaipur.	Participated as Participant.
24.	Manju Kumara M.D. Secnod Year	Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by NIA, Jaipur.	Participated as Participant.

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25.	Sheetal Meena M.D. Secnod Year	Workshop on Bringing Objectivity to Assessment Variables For Research In Ayurvedic Skin Care.	Participated as Participant.
26.	Sheetal Meena M.D. Secnod Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
27.	Sheetal Meena M.D. Secnod Year	Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by NIA, Jaipur.	Participated as Participant.
28.	Dr. Piyush Gupta M.D. Secnod Year	Workshop on Bringing Objectivity to Assessment Variables For Research In Ayurvedic Skin Care.	Participated as Participant.
29.	Dr. Piyush Gupta M.D. Secnod Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
30.	Dr. Piyush Gupta M.D. Secnod Year	CME Program organised by P.G. Department Of Shalya Tantra, NIA, Jaipur.	Participated as Participant.
31.	Dr. Praveen Kumar M.D. Secnod Year	CME Program organised by P.G. Department Of Parsuti Tantra, NIA, Jaipur.	Participated as Participant.
32.	Dr. Praveen Kumar M.D. Secnod Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
33.	Dr. Praveen Kumar M.D. Secnod Year	CME Program organised by P.G. Department Of Shalya Tantra, NIA, Jaipur.	Participated as Participant.
34.	Dr. Praveen Kumar M.D. Secnod Year	National Seminar on Pain Management Through Ayurveda "VEDANasthapanam-2018" Held at M.M.M. Govt. Ayurved College, Udaipur From 17-21 Feb. 2018.	Paper presented-role of nirgundi oil in pain manegment
35.	Dr. Upasana Mishra M.D. First Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
36.	Dr. Upasana Mishra M.D. First Year	Research Methodology, Statistics & Good Clinical Practice Workshop 27-30 Nov 2017.	Participated as Participant.
37.	Dr. Hemlata Dixit M.D. First Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
38.	Dr. Hemlata Dixit M.D. First Year	Workshop on Research Methodology, Statistics and Good Clinical Practices hled on 27-30 November 2017 by NIA, Jaipur.	Participated as Participant.
39.	Dr. Hemlata Dixit M.D. First Year	National Seminar on Pain Management Through Ayurveda "VEDANasthapanam-2018" Held at M.M.M. Govt. Ayurved College, Udaipur From 17-21 Feb. 2018.	Participated as Participant.
40.	Dr. Vandana Chandel M.D. First Year	National Workshop- Cum- Training Programme On Cancer-2018	Participated as Participant.
41.	Dr. Vandana Chandel M.D. First Year	Workshop on Research Methodology, Statistics and Good Clinical Practices hled on 27-30 November 2017 by NIA, Jaipur.	Participated as Participant.
42.	Dr. Vandana Chandel M.D. First Year	National Seminar on Pain Management Through Ayurveda "VEDANasthapanam-2018" Held at M.M.M. Govt. Ayurved College, Udaipur From 17-21 February 2018.	Participated as Participant.
43.	Dr. Seema Yadav M.D. First Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
44.	Dr. Anidyalok Bandyo Padhyay M.D. First Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.
45.	Dr. Sonam Dondane M.D. First Year	Workshop-cum-Training Program on Cancer organized by NIA, Jaipur on 17-18 January 2018.	Participated as Participant.

- The Department has been running a De-addiction Centre in Hospital with the aim of drug free society. Proper counseling and treatment were provided to the drug-dependent patients. People habituated to alcohol, opium, tobacco and medicinal drugs etc. are provided full course of treatment.
- 2 Medical Camps were organised by the Department on 22-3-2018 and 10-2-2018, respectively.
- Dr. Anita Sharma, Professor delivered a Guest Lecture on Mother's Day (13 May, 2017) at Future Foundation School, Jaipur.
- Dr. Anita Sharma, Professor delivered a Guest Lecture in a Training Program for Medical Officers organised by the Government of Rajasthan.

**Award:**

- Dr. Anita Sharma, Professor has received Gurujan Shikshan Pratibha Samaan by Baba Jai Gurudev Dharam Vikas Organisation.
- Dr. Sharad Porte, Assistant Professor has received Pt. Gangasahaya Joshi Smriti Award for special contribution in the field of Ayurveda and Cultural.

**Miscellaneous Activities:** The following miscellaneous activities were taken place in the Department:

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Anita Sharma Professor	Worked as: Member, Editorial Board of IJAPR (International Journal of Ayurveda and Pharma Research). Member, Editorial Board of Journal of Ayurveda.
2.	Dr. Sharad Porte Assistant Professor	Worked as: Organising Secretary, National Workshop on Cancer organised by the Institute on 17-18 January 2018. Member Secretary, Sub-Committee in NAAC.



## DEPARTMENT OF DRAVYA GUNA

### Introduction:

The Department of Dravya Guna is a Post-Graduate Department engaged in teaching and training both for under graduate and post-graduate levels. The department is essentially involved with the research, teaching & training at undergraduate, post graduate and Ph. D. levels. Specific stress is laid on imparting scientific pharmacological basis of drugs originated from all natural sources viz. vegetative, animal, mineral and marine. In an era when neo-scientific world demands data based evidence bodies to substantiate and accept the millennia old facts of therapeutic benefits of the natural substances described in Ayurveda, the department recognizes and sincerely plays the leading role in creating scientific basis to rational ayurvedic therapeutics. The department deals with natural drug research in a synthetic manner by adopting both Ayurvedic and current scientific methods to generate globally acceptable data.

The Department is equipped with a highly sophisticated pharmacognosy & phytochemical laboratory with instruments like HPLC, Spectrophotometer to undertake analytical studies of the drug sample. Various aspects of flora are studied for exploring and determining their properties.

The department maintains a demonstrative medicinal plant garden within the campus and is developing a demo – cum – research garden at an off campus land of 20 acres. There is National Repository and Herbarium for Authentic Ayurvedic Crude Drugs in the Department. Various short term courses are also conducted by department for the awareness and propagation of Ayurveda in students and common people.

During the year under report, 3 Professor, 2 Assistant Professors, 1 Lecturer, 1 Pharmacologist with other supporting technical and non-technical staff were working in the Department.

### Aims and Objectives

1. To impart education of Under-Graduate, Post-Graduate and Ph.D. students about therapeutically used substances both at a fundamental and applied level.
2. To create evidence bodies for rational therapeutic with these natural substances.
3. To establish quality control parameters of natural therapeutic substances.
4. To undertake research in a synthetic manner so that the essence of Ayurveda gets global acceptance while maintaining its originality.
5. To produce quality researchers and teachers in the field of Ayurvedic drug research.

### Achievements

#### Academic:

**A) Under-Graduate Level:** Theoretical & practical teaching of Dravyaguna, as per the prescribed curriculum of C.C.I.M and as adopted by Rajasthan Ayurveda University was provided in a comprehensive but simpler manner with inputs from the recent developments in natural drug research. The students were given live demo for better grasping at medicinal plants gardens both within the campus and off the campus in Jaipur.

**B) Post-Graduate Level:** Department imparted teaching, training & practical guidance of Dravyaguna to PG students. More emphasis was given on clinical application of fundamental principles as well as on various ways of research methodology, their application and utility in Ayurveda. On the other hand, PG students of the respective Dept. were provided with proper learning, pronunciation, translation, explanation & expounding of Basic texts as well as their various commentaries. The students of the Deptt. Actively participated and presented research works in the weekly seminars of the Department. Eminent persons in these seminars also delivered keynote lectures in the Department. Students also participated in different National and International Seminars during the reported year.

**C) Ph.D. Level:** Teaching, training and guidance were given to Ph.D. scholars on their subjects as per rules and directions of Rajasthan Ayurved University. Research works were also conducted.

**Research:**

During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Sandeep Garud	Dr. Mita Kotecha Professor	An Analytical Literary Study of 'Bhaishajya -Kaal' According to Laghutray's & Brihatray's w.w.r. to Chikitsa Sthan of Charak Sanhita.
2.	Dr. Umesh Kumar Mehata	Prof. Mita Kotecha Professor	Study of Learning and Memory in the Radial Arm Maze Rat Model of <i>Tinospora Cordifolia</i> and <i>Tinospora Malabarica</i> in Different Dosage Forms.
3.	Dr. Dipti	Dr. M L Jaiswal Professor	An Evaluation of Antimicrobial Phytochemical Activity of Root and Fruit (tender and mature) of Kareera ( <i>Capparis decidua</i> Edgew).
4.	Dr. Kushalya Chaudhary	Prof. Mita Kotecha Professor	A study of vata ( <i>ficus benghalensis</i> ) twak churna on blood coagulation effect on albino rats.
5.	Dr. Anubha Chaudhary	Dr. M L Jaiswal Professor	An Analytical Study of Ayurved Mahodadhi (Sushen Nighantu) w.s.r. to use of Nagar ( <i>Zingiber officinale</i> ros) and Pippali ( <i>Piper longun</i> Linn.) in Dugdh Asatmyata.
6.	Dr. Santosh Pal	Dr. A. Rama Murthy Professor	Vayahsthopana (Healthy Aging) and Role of Guduchi and Amalaki Ghan in Premature Aging due to Stress.
7.	Dr. Pratibha	Dr. Sudipt Rath Assistant Professor	An Experimental Study to Evaluate Antihypertensive Activity of Poly Herbal Formulation NIA/DG/2015/01 on Albino Rats as on Adjuvant with Modern Antihyper Tensive Drugs.
8.	Dr. Richa Khandelwal	Dr. Sumit Nathani Assistant Professor	A Comprehensive Study of Madhuka ( <i>Wlyayrrhiza Glabia</i> Linn.) w.w.r. to its Shonita-Sthapana Karma.

During the year under Report, the following research works of MD(Ayurveda) Scholars were in progress and continued.

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Manjula	Prof. Mita Kotecha Professor	Evaluation of Balya And Brimhana Effect of Concentrated Juices of Madhooka Pushpa (Flowers Of <i>Madhuca indica</i> J.F.Gmel)"
2.	Dr. Rohit R. Porwal	Prof. Mita Kotecha Professor	A Conceptual and critical study of Anupana according to classics with determination of Anupana of Madhyama khanda of Sharangdhar Samhita
3.	Dr. Santosh Kumar Thakur	Prof. Mita Kotecha Professor	Hepatoprotective activity of <i>Rhododendron arboreum</i> Sm. (Pallas) and <i>Tecomela undulata</i> Sm. (Rohitak)- A comparative clinical study.
4.	Dr. Pankaj Sharma	Dr. M.L. Jaiswal, Professor	Comparision of Virshya Karma of Priyal beeja( <i>Buchanania laucen</i> ) and Kalida beeja( <i>Citrus vulgaris</i> )-An experimental study.
5.	Dr. Pramod Deb Barma	Dr. M.L. Jaiswal, Professor	Antimicrobiai activity of haridra ( <i>Curcuma longa</i> Linn) and vanya haridra( <i>Curcuma aromatic Salisb.</i> )-A Comparative study.
6.	Dr. Parul Anand	Dr. A. Rama Murthy Professor	A comparative clinical trial to evaluate the efficacy of nasya and shiro- abhyanga of yashtimadhukadi tailam with oral administration of yashtimadhu-amlaki churna in khalitya w.s.r. to hairfall.
7.	Dr. Anant Kumar Gangawat	Dr. Sudipt Rath Assistant Professor	Acute toxicity study and pharmacological evaluation of Parush Grantihar Vati – An Anubhoot Yog

8.	Dr. Mukesh Kumar Bhamu	Dr. Sumit Nathani Assistant Professor	Pharmacological Evaluation of <i>Launaea procumbens</i> w.s.r. to its use in Raktarsha.
9.	Dr. Hemwati Gurjar	Dr. Mita Kotecha Professor	A Comparative Study of Apamarga ( <i>Achyranthes aspera</i> Linn.) Root Paste and Leaf Paste in Dandruff.
10.	Dr. Dilip Kumar Singh	Dr. Mita Kotecha Professor	An Experimental Evaluation of Vrana Ropana Karma (Wound Healing Activity) of Arka ( <i>Calotropis procera</i> ait r.br.) and Snuhi ( <i>Euphorbia neriifolia</i> linn.) Ksheer (Latex) Ointment.
11.	Dr. Sabita Sapkota	Dr. M. L. Jaiswal Associate Professor	Comparative Clinical Study on Kshar of <i>Swertia Chirayata</i> roxb.Ex flem. and <i>Swertia Angustifolia</i> buch-ham.Ex d.Don, Processed in Mahishmootra w.s.r. to Agnideepan Activity.
12.	Dr. Manish Kumar Meena	Dr. M. L. Jaiswal Associate Professor	A Preliminary Phytochemical and Experimental Study on <i>Gilodya</i> ( <i>Ceropegia bulbosa</i> roxb.) w.s.r. to its Balya Karma.
13.	Dr. Meenakshi Sharma	Dr. A.Rama Murthy Assistant Professor	Evaluation of Guduchi ( <i>Tinospora cordifolia</i> willd) and Mustak ( <i>Cyprus rotundus</i> Linn) in Sthoulya w.s.r. to Overweight.
14.	Dr. Ankita Goyal	Dr. Sudipt Rath Assistant Professor	Evaluation of Ayurvedic Formulation in the Sustainable Management of Newly Diagnosed Stage -1 - Essential Hypertension.
15.	Dr. Puspa Chamoli	Dr. Sumit Nathani Assistant Professor	A Comparative Bio-chemical Study of Nava and Puraana Madhu.

During the year under Report, the following Scholars were submitted their synopsis for research works of MD(Ayurveda) and their research work in progress and continued.

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Neha Prajapati	Dr. Mita Kotecha	Experimental evaluation of effect of vedic chanting in wet and dry specimen of Guduchi ( <i>Tinospora cordifolia</i> Willd. Miers) w.s.r. to its antipyretic activity.
2.	Dr. Sukha ram	Dr. Mita Kotecha	A Randomized clinical trial for the evaluation of Balaharidradi Lepa in Vyanga ( <i>Melasma</i> ).
3.	Dr. Amit Kumar	Dr. Mita Kotecha	A Critical Literary Study of BHAISHAJYA-KAAL w.s.r. Astanga Hridya Chikitsa- Sthana.
4.	Dr. Pooja Dogra	Prof. A. Rama Murthy	An analytical study to evaluate the anti-mycotic activity of Amrabeejaadi lepa and Kantkari taila against dandruff causing pathogens ( <i>Malassezia globosa</i> , <i>Malassezia restricta</i> ).
5.	Dr. Anu tatak kato	Prof. A. Rama Murthy	A comparative evaluation of gomutrahritaki prepared with gomutra sourced from Indian cow and Jersey cow in sthoulya (obesity).
6.	Dr. Taku Tajo Renu	Prof. A. Rama Murthy	Experimental study to compare the efficacy of ksheerpak and aqueous extract of <i>Desmodium gangeticum</i> Dc root on Isoproterenol- induced myocardial - infarction in rats.
7.	Dr. Rajani Singh	Dr. Sudipta Kumar Rath	A critical analysis of ekala dravya chikitsa in brihatrayee.
8.	Dr. Ritu Sharma	Dr. Sumit Nathani	An analytical study to evaluate the antifungal activity of Khaakhas-beeja lepa and Gunjaadi taila against dandruff causing pathogens ( <i>Malassezia globosa</i> , <i>Malassezia restricta</i> ).

During the year under Report, the following research works of Ph.D. Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Neelam	Dr. Mohan Lal Jaiswal Professor	In-vivo Madhumehgana Karma Antidiabetic Activity of Snuhi Ksheer w.s.r. to its Ksheer Sangrahan Kaal as per Charak Shamhita.
2.	Dr. Rashmi Patekar	Dr. Mohan Lal Jaiswal Professor	Ethanobotanical Survey of Amboli Ecohotspot of Western Ghats of Maharashtra in Prospective of Dravyaduna.
3.	Dr. Bidhan Mahajan	Dr. A Rama Murthy Professor	An Experimental Evaluation of Anti Fatigue Activity of Sharmhar Mahakashya and its Applicability in Sports Medicine.
4.	Dr. Amit Ashok Gajarmal	Dr. Sudipta Kumar Rath Assistant Professor	An In-Vitro Study to evaluate the Effect of Chaturthamalaka Rasayan on Leucocyte and Immunoglobulin w.s.r. to Immunomodulatory Activity.

During the year under Report, the following research works of Ph.D. Scholars were continued and in progress:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Vinay kumar verma	Prof. Mita Kotecha Professor	A comparative clinical trial of vriddhadarukamula {root of <i>Argyrea nervosa</i> (burm. F.) Bojer} with different anupana in sandhigatavata w.s.r. to osteoarthritis.
2.	Dr. Richa Khandelwal	Prof. A. Rama Murthy Professor	A Critical Analysis of Pathya Ahara Dravya Mentioned In The Management of Sthaulya in Ayurveda.
3.	Dr. Anubha Chaudhary	Prof. Mita Kotecha Professor	A critical review of Ayurveda-mahodadhi incorporating different available manuscripts.
4.	Dr. Dipti	Dr. Sudipt Rath Assistant Professor	A critical analysis of clinical application of Gana Sutra (Classof medicinal substances) of Sushruta and Vagbhatta.

**Short-Term Courses:** During the period under report, the Department has introduced 2 Short-Term Courses of 6 Weeks each namely (1) Certificate Course on Training for Beauty Care in Ayurveda and (2) Certificate Course on Standardization of Ayurvedic Medicinal Plants. In both the the Short-Term Courses trainings were given to total 18 candidates.

**Clinical:**

Clinical services were rendered to Indoor and Outdoor Patients of the hospitals by this Department. Faculty Members of the Department were also participated in the Mobile Clinical Camps organized in SC and ST inhabited areas.

**Publication:**

**(A) Articles Published in Journals/Magazines:**

Sl.No.	Author's Name	Title	Publication Details
1.	Prof. Mita Kotecha Professor	Symposium on taste in charak-scientific validation of theories	Journal of Ayurveda Vol. XI-2, April-June 2017
2.	Prof. Mita Kotecha Professor	Pharmacognostical and phytochemical study of acacia catechu (linn. F.) Willd. & azadirachta indica (a. Juss.)	Innoriginal International Journal of Sciences Vol. 4, Issue 4, July-Aug 2017
3.	Prof. Mita Kotecha Professor	Evaluation of an Herbal Antiseptic Drug Delivery System	Indian Research Journal of Pharmacy and Science ISSN : 2349- 5332



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4.	Prof. Mita Kotecha Professor	Pharmacognostical Standardization of Stem bark of <i>Rhododendron arboretum</i> Sm. (Pullas)	ISSN : 2456-8899 Journal of Advances in Medicine and Medical Research, USA
5.	Prof. Mita Kotecha Professor	Preliminary pharmacognostical evaluation of <i>embelia Ribes burm.f.</i> & <i>embelia robusta</i> auct. Non roxb. Fruits – aComparative study	International Journal of Scientific Research Volume-6 (6), June-2017
6.	Prof. Mita Kotecha Professor	Pharmacognostical evaluation of fruits of <i>Embelia robusta</i> auct.Non roxb	International Journal of Current Advanced Research 6(11); Nov. 2017
7.	Prof. Mita Kotecha Professor	Review on classical ahar dravya for medoroga (obesity)	International Journal of Ayu Herbal Medicine 7(6) Nov.-Dec. 2017
8.	Prof. Mita Kotecha Professor	concept of vyadhikshamatva (immunity) in ayurveda – a critical review	European Journal of Pharmaceutical and Medical Research 2018, 5(2)
9.	Prof. Mita Kotecha Professor	ojas: a concept unique to Ayurveda	WJPR Volume 7(11)
10.	Prof. Mita Kotecha Professor	medicinal uses of vata ( <i>ficus bengalensis</i> linn.) In brihatrayee: a historical review	World Journal of Ayurveda Science Vol. II, Issue III , May 2017
11.	Prof. Mita Kotecha Professor	Pathya-apathya- a peculiarity of Ayurveda	International Journal of Ayurveda & Herbal Medicine 7(4), July-August 2017
12.	Prof. Mita Kotecha Professor	A review on amlapitta: a lifestyle disorder and its management without medicine	International Journal of Research in Ayurveda and Pharmacy 8 (Supplimentary 3), 2017
13.	Prof. Mita Kotecha Professor	Pharmacognostical evaluation of rhizome of <i>Zingiber officinale</i> Rosc.	European Journal of Pharmaceutical and Medical Research, 4(8),ISSN2394-3211
14.	Prof. Mita Kotecha Professor	The Concept of Lactose Intolerance in Ayurveda	International Journal of Ayurvedic & Herbal Medicine 7(4), ISSN : 2249-5746
15.	Prof. Mita Kotecha Professor	Synonyms are a tool of quality control-a practical approach	World Journal of Pharmaceutical and Medical Research 3(8), ISSN 2455-3301
16.	Prof. Mita Kotecha Professor	Contributions of Sharangdhar in the field of Dravyaguna Vigyan	International Journal of Ayurvedic & Herbal Medicine 7(6), ISSN : 2249-5746
17.	Prof. Mita Kotecha Professor	Haridra ( <i>Curcuma longa</i> Linn.)- A classical review	International Journal of Ayurvedic & Herbal Medicine 7(6), ISSN : 2249-5746
18.	Prof. Mita Kotecha Professor	Pharmacognostical and phytochemical profile of Vidang ( <i>Embeliaribes</i> Burm.) seeds- a review	World Journal of Pharmacy and Pharmaceutical Sciences 7(6), ISSN-2278-4357
19.	Prof. Mita Kotecha Professor	Pharmacognostical and phytochemical analysis of Haridra ( <i>Curcuma longa</i> Linn.) rhizome	World Journal of Pharmacy and Pharmaceutical Sciences 7(7), ISSN-2278-4357
20.	Prof. Mita Kotecha Professor	Pharmacognostical and phytochemical analysis of Vanya Haridra ( <i>Curcuma aromatica</i> Salisb.) rhizome.	International Journal of Ayurvedic & Herbal Medicine 8(3), ISSN : 2249-5746
21.	Prof. Mita Kotecha Professor	Application of Ayurveda Herbs in the Management of Irritable Bowel Syndrome'	International Ayurveda Publication (AYURPUB.COM), 2(2)
22.	Prof. Mita Kotecha Professor	Anti diabetic potential of some selected traditionally used Medicinal Plants in Western ghats of India w.s.r to prameha.	International Journal of Ayurvedic & Herbal Medicine 7(4), ISSN : 2249-5746

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23.	Prof. Mita Kotecha Professor	Karushkara lata (Strychnos colubrine l.) – A Snakewood Plant.	International Journal of Advance Research 5(8), ISSN- 2320-5407
24.	Prof. Mita Kotecha Professor	Literature Review of Vacha (Acorus calamus L.).	International Journal of Recent Scientific Research 8(9) ISSN- 0976-3031
25.	Prof. Mita Kotecha Professor	Mahaoushadha (Zingiber officinale Rosc.) of Brihatrayi- A Review.	International Ayurvedic Medical Journal 5(4), ISSN: 2320 5091
26.	Prof. A. Rama Murthy Professor	Relevance of shramahara mahakashaya (an anti-fatigue formulation) in sports medicine.	Journal of Scientific and Innovative Research 2018; 7(1): ISSN 2320-4818
27.	Prof. A. Rama Murthy Professor	A comprehensive analysis on shrama (fatigue) in ancient transcript of charakasamhita.	Global Journal for Research Analysis (International) Vol. 6, Issue-6, June 2017 ISSN 2277-8160
28.	Prof. A. Rama Murthy Professor	Clinical evaluation of chakramarda ghan vati in the management of adhumeha(diabetes mellitus).	Proceedings of 3 <sup>rd</sup> International Conference on Dravyaguna and Rasashastra Bahishajya Kalpana 2-3 September 2017
29.	Prof. A. Rama Murthy Professor	Organoleptic study of Sariva and its market samples;	Journal of Ayurveda Vol. XI, No. 2 April-June 2017
30.	Prof. A. Rama Murthy, Professor	Keshya karma of Yashtimadhu (Glycyrrhiza glabra linn): A comprehensive review.	Ayushdhara
31.	Prof. A. Rama Murthy Professor	A conceptual approach to beauty care in Ayurveda : A Review.	International Journal of Research in Ayurveda and Pharmacy 7 {Suppl 4} Sept.-Oct. 2016
32.	Dr. Sudipta Kumar Rath Assistant Professor	Development of multi layer identification tools for certain drugs.	Journal of Ayurveda Vol. XI-4, Oct.-Dec. 2017 ISSN 2321-0435
33.	Dr. Sudipta Kumar Rath Assistant Professor	A critical analysis of ashtavidh veerya.	International Journal of Ayurveda, Pharmacy and Chemistry 2018, Vol. 8, Issue 2
34.	Dr. Sudipta Kumar Rath Assistant Professor	Medicinal uses of ashwagandha (indian ginseng) – a historical review.	International Journal of Science and Research Methodology 2017; Vol. 7 (1)
35.	Dr. Sudipta Kumar Rath Assistant Professor	Punarnava (Boerhaavia diffusa Linn.): a comprehensive review.	WJPPS Vol. 6(8), 2017 ISSN 2278-4357
36.	Dr. Sudipta Kumar Rath Assistant Professor	Therapeutic contemplation of ancient ayurveda on guduchi (tinospora cordifolia willd miers.).	International Journal of Current Research Vol.9(11), November, 2017 ISSN: 0975-833X
37.	Dr. Sudipta Kumar Rath Assistant Professor	The effect of vastuka (chenopodium album linn.) On Blood Hemoglobin Level: A Research Study.	WJPR Volume 6(11) ISSN 2277- 7105
38.	Dr.Sudipta Kumar Rath Assistant Professor	Review of takra dhara in diabetic neuropathy.	Journal of Drug Research ISSN : 23195916
39.	Dr. Sumit Nathani Assistant Professor Prof.A. Rama Murthy Professor	Nutritive and therapeutic potential of Pulses in Diabetes Mellitus.	International Journal of Ayurveda and Medical Sciences Vol. 2(2), June 2017

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40.	Dr. Sumit Nathani Assistant Professor Shri Gaurav Sharma Pharmacologist	Experimental effect of local effect of Glycyrhiza glabra Linn on bleeding time in Wistar strain Albino rat;	International Journal of Ayurveda and Medical Sciences Volume 2(3) July-Sept. 2017
41.	Dr. Sumit Nathani Assistant Professor	A Critical Appraisal of Anthropometric Aspect of DM.	Journal of Ayurveda Volume XI, No. 1 January-March 2017
42.	Dr. Sumit Nathani Assistant Professor	“Pharmacognostical Evaluation of leaves of GojihvaShaka(Launaeaprocumbens Roxb.)”	Journal of Ayurveda ISSN -2321-0435 (Accepted for Publication)
43.	Dr. Sumit Nathani Assistant Professor	A comparative clinical study d black and white seeds of kapikacchu wsr to vrishya karma,;	IJRAP Volume 8 (Supp. 3) 2017
44.	Dr. Sumit Nathani Assistant Professor	A comprehensive review on Shalmali (Bombax cieba Linn);	Journal of Ayurveda Volume-X, No 4 October-December 2016
45.	Shri Gaurav Sharma Pharmacologist	Laboratory models for Screening Analgesics	Journal of Drug Research ISSN 2319-5916
46.	Shri Gaurav Sharma Pharmacologist	Medicine plants having analgesic activity: a detail review	WJPR ISSN 2277-7105,
47.	Shri Gaurav Sharma Pharmacologist	Effect of Ethanolic Extract Of Cestrum Nocturnum Leaves on Blood Glucose Level Of Streptozotocininduced Diabetic Albino Wistar Rats.	WJPR ISSN 2277-7105

**(B) Participation in Workshops/Seminars and Research Paper presentation:**

Sl.No.	Name of Faculty Member and Scholar	Details of Workshop/Seminar	Title of Research Paper Presented
1.	Shri Gaurav Sharma Pharmacologist	National Seminar on Dravyaguna (Anukta Dravya Vivechana) organised by IPGT and RA, Gujarat Ayurved University, Jamnagar in July 2017.	Effect on Blood Glucose level of ethanolic extract Cestrum Nocturnum Leaves on Streptozotocin - Induced Diabetic in Albino Wistar Rats.
2.	Shri Gaurav Sharma Pharmacologist	1st Workshop on “Designing of Standerd Protocole Determination of Rasa Panchak of Anukta Dravya held on 30-31 Jan, 2018 organized by P.G. Department of Dravya Guna Vigyan, National Institute of Ayurveda, Jaipur.	Participated as Expert and delivered a Lecture.
3.	Shri Gaurav Sharma Pharmacologist	1-Day Workshop on Hindi Language organised on 14-12-2017 by National Institute of Ayurveda, Jaipur.	Participated as Delegate.
4.	Dr. Krutika Joshi Lecturer	National Seminar on Dravyaguna (Anukta Dravya Vivechana), IPGT&RA, Gujarat Ayurved University, Jamnagar, in July 2017.	A Review of Ethnomedicinal Plants of Barda Hills (Gujarat) w.s.r. to Anukta Dravya.

**Guest Lectures:** Guest lectures delivered by the Teachers of the Department on the following topics:

Sl.No.	Name of Teacher	Place	Topic
1.	Prof. Mohan Lal Jaiswal Professor	1-Day Group Training Program on Health Education under Ayush Gram Yojana organised by Govt. of Rajasthan on 28-7-2017.	Vegetable herbs useful for prophylaxis and promotion of eye health according to Sushrut
2.	Prof. Mohan Lal Jaiswal Professor	Aarogya Mela organized by Govt. of Rajasthan at Bharatpur on 24-12-2017.	Common useful herbs in daily life

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3.	Prof. Mohan Lal Jaiswal Professor	Jyoti Vidyapeeth Women University, Jaipur on 25-5-2018.	Classification of Medicinal and Dietary Substances in Vedic Literature.
4.	Dr. Sudipt Rath Assistant Professor	Induction Training Programme of AYUSH Medical Officers held at RICEM, Jaipur on 24th August 2017.	Herbs in Primary Health Care.
5.	Dr. Sudipt Rath Assistant Professor	Induction Training Programme of AYUSH Medical Officers held at Agri Training College, Jaipur.	Pharmacovigilance in AYUSH.
6.	Dr. Sudipt Rath Assistant Professor	National Institute of Ayurveda, Jaipur	Skin Types and their Care.
7.	Dr. Sudipt Rath Assistant Professor	National Institute of Ayurveda, Jaipur	Introduction to Ayurvedic Medicinal Plants.
8.	Dr. Sudipt Rath Assistant Professor	National Institute of Ayurveda, Jaipur	Fundamentals of Dravyaguna.
9.	Dr. Sudipt Rath Assistant Professor	National Institute of Ayurveda, Jaipur	Quality Control methods in Ayurveda for Medicinal Plants.
10.	Dr. Sumit Nathani Assistant Professor	National Institute of Ayurveda, Jaipur	Diet and Nutrition: Ayurvedic perspective
11.	Dr. Krutika Joshi Lecturer	National Institute of Ayurveda, Jaipur	Ayurvedic management of Hairfall, Dandruff and premature greying etc.

**Departmental Seminars:** During the period under report, following Departmental Seminars were organised on the topics of interest to most researchers wherein UG, PG and Ph.D. Scholars of all the Departments were actively participated:

Sl.No.	Topic	Date
1.	Disease Review.	19-9-2017
2.	Chandraprabha Vati.	20-9-2017
3.	Rasayan Dravya from Bhavprakasha Nighantu w.s.r. to Rasapanchaka .	26-9-2017
4.	Scope and Challenges of Crude Drug Market of India.	27-9-2017
5.	Good Clinical Practices in Ayurveda Relevance and Challenges.	3-10-2017
6.	Phytochemical Analysis of Amalki and Yastimadhukadi Tail.	4-10-2017
7.	Disease Review.	10-10-2017
8.	Kapikachhu in Kampwat.	11-10-2017
9.	Review of Dravyaguna Related Literature published by CCRAS and ICMR.	15-11-2017
10.	Takra Vivechan.	14-11-2017
11.	Pharmacognosy of Lunea Procumbens.	6-12-2017
12.	Pharmacognosy of Paurushgranthihar Vati.	12-12-2017
13.	Shiva Kshar Pachan Vivechana.	13-12-2017
14.	Quality Control and Pharmacognosy Analysis of Madhuka Pushpa and its Concentrated Juices.	19-12-2017
15.	T.K.D.L.	20-12-2017
16.	Phytochemical Analysis of Haridra and Vana Haridra.	26-12-2017
17.	GMP in Ayurveda.	2-1-2018
18.	Phytochemical Analysis of Rohitak and Buras.	3-1-2018
19.	Critical Analysis of Anupana w.s.r. Kalpa of Sharangadhara Samhita Madhyama Khanda.	10-1-2018
20.	A Critical Literary Study of Bhaishajya Kaal w.s.r. to Astanga Hridaya Chi. Sthan.	15-2-2018
21.	An analytical Study to evaluate the Antimicrobial Activity of Aamrabejadi Lepa and Kantakari Tail against Dandruff Causing Pathogen.	16-2-2018
22.	A Randomized Clinical Trial for Evaluation of Balaharidradi Lepa in Vyanga (Melasma).	20-2-2018
23.	Indigenous Knowledge on Healthcare Practices.	21-2-2018
24.	Simple Rules for Better Power Point Presentation.	27-2-2018
25.	Phytochemical Analysis of their Thesis Related Drug.	28-2-2018
26.	Disease Review Sthoulya.	13-3-2018
27.	Shothahar Dravya.	24-3-2018

## Other Units Functioning under the Department:

### Units:

**National Repository and Herbarium for Authentic Ayurvedic Crude Drugs:** There is a National Repository of Crude Drugs of Ayurveda with an excellent Herbarium having authentic reference samples. Authentic samples of Crude Drugs, their common market samples and adulterants are kept in this Repository and will develop as a referral point for Ayurvedic crude drug authentication. These samples are being changed periodically as per their shelf life to serve as reference material. Currently, the Repository has more than 275 samples. This Repository is providing help to the researchers, scholars and physicians of Ayurveda in getting exposure to genuine and authentic drug samples. This is also helpful the common public at large by enabling them to recognize the genuine drugs from the adulterants.

**Dravyaguna Laboratory:** The Laboratory of the Department is equipped with sophisticated instruments like Spectrophotometer, Digital Balance, Vacuum Pump, Magnetic Stirrer, Hot Plates, etc. Pharmacognostical and Phytochemical investigations of Research Scholars of the Department and other departments were carried out.

**HPLC Laboratory:** The department has a HPLC instrument loaded with the latest software. Drug samples of all research scholars were investigated during this period and experiments are being carried out on a regular basis.

**Intermediary Pharmacovigilance Centre:** The Department has Intermediary Pharmacovigilance Center under the AYUSH Pharmacovigilance Scheme. This Center deals with I. Pv. C is run by the department under the Ayush pharmacovigilance scheme. This centre deals with Adverse Drug Reactions and Misleading Advertisement.

**Herbal Garden in the Campus:** Various new species are planted in the garden raising the total number of species for demonstration purpose within the campus.

**Demo-Herbal Garden in the Campus:** A herbal garden is being developed in the Campus to keep medicinal plants in pot under controlled climate. At present around 200 species and 326 plants are present for demonstration purpose within the campus. All the species and plants are equipped with nameplates and kept under the controlled climate.

**Visit of Dignitaries:** During the period under report, the Secretary and Joint Secretary, Ministry of AYUSH, Govt. of India visited the Department. They have appreciated the teaching, training and research activities conducted by the Department and also gave valuable suggestions for further development of the Department. A High Power Delegation of Iran also visited the Department in December 2017.

**Foreign Visit of Faculty Member:** Dr. Sumit Nathani, Assistant Professor, visited Mongolia on 15 Dec 2017 for Ayurveda Day Celebration. He was deputed by the Ministry of AYUSH for visit to Mongolia.

**Patents:** The Department has successfully published 2 Patents:

1. Patent titled A Novel Herbal Drug for Anxiety published on 12-1-2018.
2. Patent titled Formulation and Evaluation of a Novel Herbal Anti Fungal Ointment published on 19-1-2018.



## DEPARTMENT OF KAUMARA BHRITYA (BALA ROGA)

### Introduction:

Bala Roga is one of the most important branches of Ayurveda. This Department is imparting teaching and training to Under Graduate, Post Graduate and Ph.D. Scholars. This branch deals with neonatal care, infant feeding, diet for newborn, daily and seasonal regime and also deals with diseases and disorders relating to children including nutrition of children, immunization etc.

During the year under report, 3 Assistant Professors with other supporting technical and non-technical staff were working in the Department. The charge of the Head of the Department of Kaumar Bhritya is vested with the Director.

### A) Objectives:

- To make UG Students able to recognize the key importance of child health care and to participate at primary level.
- To make PG Scholars able to acquire the competency pertaining to child health care through Ayurveda that is required to be practiced in the community and at all levels of health care, to get oriented with the principles of research methodology and to acquire skill in teaching methodology.
- To develop competence in Ph.D. Scholars in advanced concepts of research methodology in the area of Ayurvedic Pediatrics and also to prepare them to be a productive member of team in health care, research and education.

### B) Methodology:

- Departmental activities through Group performance with equal participation of Teaching Staff, PG and Ph.D. Scholars.
- Clinical training by way of active involvement in OPD, pediatric ward, case presentations and clinical discussions.
- Regularly organized activities - Departmental Seminars, Workshops, Journal Club Meetings and Presentations, Group Discussions on innovative ideas, Extension Lectures etc. are some of the common and regular activities of the Department.

### Achievements

#### Academic:

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Kaumar Bhritya were provided to Students of BAMS as per Syllabus of Rajasthan Ayurved University. Group-wise discussions with presentations were also incorporated to make their concepts more clear. Practical training was also conducted.

**B) Diploma in Nurse/Compounder Course:** The Department also imparts training to the students of the Diploma in Nurse/Compounder Course as per their Syllabus of the University.

**C) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the PG Subjects were provided to PG (M.D. Ayurveda) Scholars as per Syllabus of Rajasthan Ayurved University. Patient Care orientated Training is given to scholars while theory classes were delivered by the Faculty Members to advance knowledge of the Subject. The Department adopts innovative techniques to train their Post Graduate scholars.

**D) Ph.D. Level:** Teaching, training and research guidance were given to Ph.D. scholars on their subjects of research as per rules and directions of Rajasthan Ayurved University. Research projects were taken up for this purpose. Every effort is made to develop their competence in advanced concepts of research in the areas of child health care by incorporating fundamentals of Ayurveda.

**Research:**

During the year under report, the following research works of MD(Ayurveda) scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Devendra Kumar	Dr. Nisha Ojha Assistant Professor	Clinical Study to Evaluate the Efficacy of Drakshadi Yog in the Management of Respiratory Allergic Disorder of Children.
2.	Dr. Trupti Motghare	Dr. Rakesh Nagar Assistant Professor	Clinical Evaluation of the Effect of Rajanyadi Churna on Morbidity Incidence in Primary Dentitional Age Group i.e. 6 – 24 Months, Against Micronutrient Therapy.
3.	Dr. Aniket Palande	Dr. Nisha Ojha Assistant Professor	Clinical Study on Shishu Kalyan Ghrith and Kala Basti in Management of Children with Cerebral Palsy.
4.	Dr. Kapil Patil	Dr. Rakesh Nagar Assistant Professor	Evaluation of Clinical Efficacy of Shunthyadi Yoga in Chronic Recurrent Childhood Diarrhea.
5.	Dr. Lovelesh Gupta	Dr. Shrinidhi Kumar K Assistant Professor	Role of An Indigenous Compound with Calories Diet and Fixed Daily Regimen in Sthoulya w.s.r. to Childhood Obesity.
6.	Dr. Pradipta Narayan Bose	Dr. Nisha Ojha Assistant Professor	Clinical evaluation of the effect of nisha leham in iron deficiency anemia in children in comparison to iron and folic acid supplement of national school health programme

During the year under Report, the following research works of MD(Ayurveda) Scholars were continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Anukriti Guar	Prof. Ramkishor Joshi Professor Dr. Nisha Ojha Assistant Professor	Study of Prevalence of Iron Deficiency Anemia in Children and Efficacy of Drakshadi Leha in its Management.
2.	Dr Nitu Sinha	Dr. Nisha Ojha Assistant Professor	Study of pattern of morbidity in children under 5 years and effect of swarna prashan on morbidity status.
3.	Dr Krishna Bahadur Singh	Dr Nisha Ojha Assistant Professor	Study of Morbidity Status of Children and Effect of Abhaya Ghrith on Lowering Down the Morbidity Rate
4.	Dr Om Prakash Bairawa	Dr Rakesh Nagar Assistant Professor	Survey and Intervention study to Evaluate the Efficacy of Ayurvedic Formulation and Shirodhara in Attention Deficit Hyperactivity Disorder
5.	Dr Manoj Kirar	Dr Rakesh Nagar Assistant Professor	Survey and intervention study to evaluate the efficacy of Priyaladi modak verses Vidarigandhadi churna in protein energy malnutrition.
6.	Dr Pooja Arora	Dr. Srinidhi Kumar K Assistant Professor	Role of Vacha choorna and satwavajaya chikitsa in the management of stuttering
7.	Dr Kailash Chand Kataria	Dr. Srinidhi Kumar K Assistant Professor	Role of Putikadi Lepa and Virechana in the Management of Shwitra in Children.
8.	Dr. Ajay Kushwaha	Dr. Nisha Ojha Assistant Professor	Clinical Study on the Immune Enhancing Effect of Amalakyadi Rasayana in Children.
9.	Dr. Priyanka Kumari	Dr. Nisha Ojha Assistant Professor	Clinical Study to Evaluate the Efficacy of Gudaadi Mandoor in the Management of Pandu (Anemia) in Adolescent Girls.
10.	Dr. Lokesh Kumar Sharma	Dr. Rakesh Nagar Assistant Professor	Clinical Study to Evaluate the Efficacy of Vidangadi Churna in Sthaulya w.s.r. to Overweight in Children.
11.	Dr. Amita Kumari	Dr Rakesh Nagar Assistant Professor	Clinical Study to Evaluate the Efficacy of Chavyadi Shaktu for Weight Management in Stholya w.s.r. to Overweight in Children.
12.	Dr. Gaurav Kumar Rathore	Dr. Srinidhi Kumar K Assistant Professor	Role of Pippali Choorna in the Management of Upper Respiratory Tract Infections of Childhood w.s.r. to Aberrations of Ojus in Children.

13.	Dr. Megha Shilpy	Dr. Srinidhi Kumar K Assistant Professor	To Study the Role of Durvadi Taila as Topical Application in the Management of Pama Kustha w.s.r. to Childhood Scabies.
14.	Dr. Vinay Sharma	Dr. Nisha Ojha Assistant Professor	Study of Morbidity Pattern of under Five Year Children in Jaipur.

### Clinical Services/Achievements:

The Department is having well established infrastructure and offers clinical services for a range of pediatric disorders by application of Ayurvedic treatment regimens through its well functioning following units/clinics:

**General Pediatric OPD:** Teachers of the Department offered their clinical services every day. During the year, the total number of patients at OPD level was 8,316 out of which 5,791 were newly registered and at IPD level was 4,736 out of which 307 were newly registered.

**Pediatric Panchakarma Unit:** Specialised Panchakarma procedures are performed in Children to manage various neuro-muscular disorders and other disorders like Cerebral Palsy, Muscular Dystrophy, Paralysis etc. During the reporting year total 1910 therapies were offered.

**Vaccination Unit:** Facilities for Vaccination to 930 Children were made available under National Immunization Programme.

**Swarna Prashana Program:** Swarna Prashan Program has been conducted by the Department. Swarna Prashana is given to children under 5 years every month on Pushya Nakshatra Dates. Total 2,277 children are being benefitted during the year.

**Clinical Meetings:** The department has organized 13 Clinical Meetings and Typical Cases presented and discussed.

**Departmental Seminars and Workshops:** Under departmental activities 24 Seminars and Workshops on different topics of the subject were organized. Faculty Members, PG and Ph.D. Scholars have made presentations.

**Journal Club Activities:** The Departmental Journal Club offers opportunity to all Faculty Members, PG and Ph.D. Scholars to get latest research updates in various areas of health care. Total 14 Journal Club Meetings were organized and 98 Research Papers were presented and documented.

### Publications:

#### (A) Articles Published in Journals/Magazines:

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Nisha Ojha Assistant Professor	A Review on Lashuna ( <i>Allium sativum</i> ) in Pediatric Practice: Evidences from Ayurveda.	International Journal of Research in Ayurveda & Pharmacy 8 (Suppl 3), 2017.
2.	Dr. Nisha Ojha Assistant Professor	Importance of Ayurvedic Immunization In Present Scenario : Evidences.	International Journal of Medical Research and Pharmaceutical Sciences, Vol-4, Issue 5, May 2017
3.	Dr. Nisha Ojha Assistant Professor	Nature or Nurture Role in Individual Behavioural Differences in Children : Evidences from Ayurveda.	Annals of Ayurvedic Medicine Volume-6, Issue 3-4 July-December, 2017
4.	Dr. Nisha Ojha Assistant Professor	Study on the Management of Spasticity in Children Suffering from Cerebral Palsy with an Ayurvedic Compound and Yogic Postures (Asanas).	Journal of Ayurveda Volume. XI No. 3 July-Sep, 2017
5.	Dr. Nisha Ojha Assistant Professor	Ayurveda Management of Spasticity in Children with Cerebral Palsy: A Randomized Controlled Trial.	International Journal of Research in Ayurveda and Pharmacy 8 (5), August, 2017



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6.	Dr. Nisha Ojha Assistant Professor	A Study on Improvement of IQ Level in Borderline Mental Retarded Children by the the use of Brahmi Ghrita and Jyotishmati Tail.	International Journal of Ayurveda and Pharma Research (IJAPR). Volume 5, Issue: 12 December, 2017.
7.	Dr. Nisha Ojha Assistant Professor	Role of Ayurvedic Medicinal Plants in Childhood Neuropsychiatric Disorders: An Evidence Based Approach.	International Journal of Ayurveda and Pharma Research Volume 5, Issue: 12 December, 2017

**Participation in Workshops/Seminars by Faculty Members:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Nisha Ojha Assistant Professor	Participated in AYUSHYA-AMRITAM, an International Conference on Evidenced Based Ayurveda & Life Sciences as Organizing Co-Secretary organised at 16-4-2017 at Bareilly, UP and presented a paper on Efficacy of Guduchi Syrup in Lowering Down the Morbidity Rate in Children.
2.	Dr. Nisha Ojha Assistant Professor	Participated in 9 <sup>th</sup> Ped Gastro-Update-2017 on 16-7-2017, organized at Santokba Durlabh Ji Hospital, Jaipur in Association with Indian Academy of Pediatrics.
3.	Dr. Nisha Ojha Assistant Professor	Participated in National Conference of Developmental Pediatrics NCDP-2017 (Overcoming Challenges, Building Strengths) held on 9-10 September 2017 at Delhi.
4.	Dr. Nisha Ojha Assistant Professor	Participated in Symposium on Pain Management through Ayurveda organised by National Institute of Ayurveda, Jaipur on 12-1-2018.
5.	Dr. Nisha Ojha Assistant Professor	Participated and presented Research Paper in International Conference on Ayurveda, organized at Dr. D Y Patil College of Ayurved and Research Centre, Pimpri Pune, Maharashtra on the topic "Clinical Study in Ayurveda Remedies in the Management of Children with Cerebral Palsy on 14-15 January, 2018.
6.	Dr. Nisha Ojha Assistant Professor	Attended National Workshop cum Training Program on CANCER-2018 - Clinical Practice Based Cancer Therapy in Ayurveda in Current Scenario - organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.
7.	Dr. Nisha Ojha Assistant Professor	Participated in Indian Cultural Festival, "India By the Nile (IBN)", organized by Embassy of India in Cairo, Egypt from 12-15 March, 2018 as a Member of delegation, deputed by Ministry of Ayush, Government of India.
8.	Dr. Nisha Ojha Assistant Professor	Attended and organized "IAP-LDSC Neonatal Resuscitation Program" in association with by Indian Academy of Pediatrics at National Institute of Ayurveda Jaipur on 6 June, 2017.
9.	Dr. Nisha Ojha Assistant Professor	Organized and attended Vaccination Training Workshop: 24-25th January, 2018 at National Institute of Ayurveda Jaipur.
10.	Dr. Nisha Ojha Assistant Professor	Participated in CME Program on Fetal Medicine organized by P.G. Department of Striroga and Prasuti Tantra, National Institute of Ayurveda, Jaipur on 8 March, 2018
11.	Dr. Rakesh Kumar Nagar Assistant Professor	Participated and presented a Paper on "Management of Academic Stress in Children through Ayurveda and Yoga" in National Conference on Social Transformation through Yoga on 7 May 2017 at Indira Gandhi Panchayati Sabhagar, Jaipur.
12.	Dr. Rakesh Kumar Nagar Assistant Professor	Participated and presented a paper on Infantile Pain - Approach, Issues and Solution in the Vedna Sthapana - 2018 - National Seminar on Pain Management through Ayurveda organised by M.M.M. Govt. Ayurveda College, Udaipur on 17-18 February 2018.
13.	Dr. Rakesh Kumar Nagar Assistant Professor	Attended and organized "IAP-LDSC Neonatal Resuscitation Program" in association with by Indian Academy of Pediatrics at National Institute of Ayurveda Jaipur on 6 June, 2017.
14.	Dr. Rakesh Kumar Nagar Assistant Professor	Attended National Workshop cum Training Program on CANCER-2018 - Clinical Practice Based Cancer Therapy in Ayurveda in Current Scenario - organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.

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15.	Dr. Srinidhi Kumar K. Assistant Professor	Attended and organized "IAP-LDSC Neonatal Resuscitation Program" in association with by Indian Academy of Pediatrics at National Institute of Ayurveda Jaipur on 6 June, 2017.
16.	Dr. Srinidhi Kumar K. Assistant Professor	Attended National Workshop cum Training Program on CANCER-2018 - Clinical Practice Based Cancer Therapy in Ayurveda in Current Scenario - organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.

Scholars of the Department were participated in the following Seminars/Workshops etc.

Sl.No.	Workshops/Seminars etc.
1.	Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda on 15-19 May 2017 at Jaipur.
2.	IAP-LDSC Neonatal Resuscitation Program" in association with by Indian Academy of Pediatrics at National Institute of Ayurveda Jaipur on 6 June, 2017.
3.	Participated in 9 <sup>th</sup> Ped Gastro-Update-2017 on 16-7-2017, organized at Santokba Durlabh Ji Hospital, Jaipur in Association with Indian Academy of Pediatrics.
4.	1 <sup>st</sup> Rashtriya Ayurveda Yuva Mahotsav-2017, organised by NASYA in association with National Institute of Ayurveda, Jaipur on 14-16 September 2017.
5.	Guinness World Record Attempt for the most people receiving Nasya Panchkarma treatment simultaneously achieved by National Institute of Ayurveda (NIA), NASYA and Dabur (all India) at Jaipur on 15 September 2017.
6.	CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company on 20 November 2017.
7.	National Workshop cum Training Program on CANCER-2018 - Clinical Practice Based Cancer Therapy in Ayurveda in Current Scenario - organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.
8.	Vaccination Training Workshop: 24-25 January, 2018 at National Institute of Ayurveda Jaipur.
9.	CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company on 8 March 2018.
10.	CME Program on Fetal Medicine organized by P.G. Department of Striroga and Prasuti Tantra, National Institute of Ayurveda, Jaipur on 8 March, 2018
11.	1 <sup>st</sup> State Level Skill Development Workshop on Day to Day OPD Management with AYUSH" organised at National Institute of Ayurveda, Jaipur on 9 December, 2017.

Following Papers were submitted by the Scholars of the Department in Seminars/Conferences etc.

Sl.No.	Name of Scholar	Title of Paper Presented
1.	Dr. Krishan Bahadur Singh	1. Denying Traditional Indian Medicine for Child Health Care - Good or Bad presented in International Conference on Evidence Based Ayurveda & Life Sciences, IVRI, Izzatnagar, Bareilly (U.P.) held on 16-17 April 2017. 2. Godugdha and Gorasa Varg – Dietary Importance presented in National Conference on Chronic Ailments & Ayurveda with Annual Scientific Seminar-2017, Deptt of Ayurveda, Paprola on 27-28 October 2017.
2.	Dr. Omprakash Bairwa	1. Therapeutic Efficacy of Shirodhara in Attention Deficiency Hyperactivity Disorder (ADHD) presented in National Conference on Chronic Ailments & Ayurveda with Annual Scientific Seminar-2017, Deptt of Ayurveda, Paprola on 27-28 October 2017. 2. Pain Management in Early Childhood presented in National Conference on Pain Management through Ayurveda organised by M.M.M. Govt. Ayurved College, Udaipur on 17-18 February 2018.
3.	Dr. Nitu Sinha	1. Use of gold in human health and diseases: Research Updates presented in International Conference on Evidence Based Ayurveda & Life Sciences, IVRI, Izzatnagar, Bareilly (U.P.) held on 16-17 April 2017.

		<p>2. Ayurveda Management in Autism presented in National Conference on Chronic Ailments &amp; Ayurveda with Annual Scientific Seminar-2017, Deptt of Ayurveda, Paprola on 27-28 October 2017.</p> <p>3. Nutraceuticals in Health: Evidences From Ayurveda Nutraceuticals In Health: Evidences From Ayurveda presented in International Conference on Ayurveda organised by Dr. D.Y. Patil College of Ayurveda and Research Centre, Pune on 14-15 January 2018.</p>
4.	Dr. Anukriti Gaur	<p>1. Traditional Indian Medicine in Fighting Antibiotics Abuse in Children presented in International Conference on Evidence Based Ayurveda &amp; Life Sciences, IVRI, Izzatnagar, Bareilly (U.P.) held on 16-17 April 2017.</p> <p>2. Role of Ayurveda in the Management of Atopic Dermatitis presented in National Conference on Chronic Ailments &amp; Ayurveda with Annual Scientific Seminar-2017, Deptt of Ayurveda, Paprola on 27-28 October 2017.</p> <p>3. Study Of Morbidity Status In Children And The Effect Of Guduchi Syrup As Immunomodulator For Lowering Down The Morbidity Rate presented in International Conference on Ayurveda organised by Dr. D.Y. Patil College of Ayurveda and Research Centre, Pune on 14-15 January 2018.</p>

Following 2 Articles were published by Dr. Om Prakash Bairwa, PG Scholar of the Department:

1.	A Progressive Step Toward a Classical Uses of Medicinal Plants in Gynecological Disorders; published in Journal of Ayurveda and Integrated Medical Sciences, Volume 2, Issue 2, May-June 2017.
2.	Pharmacognosy: Need for Efficacious Preparation of Ayurvedic Medicines published in Proceedings of National Conference on "Conclave on Translational Research Opportunity in Ayurveda and IASTAM Oration Award Function (18-19 February, 2017).

## HEALTH CAMPS

### a) Child Community Health Programme

- The PG Scholars of the Department conducted Health Check up Camp at Netaji Subhash Chandra Bose School, Gangapole, Jaipur on 29-7-2017. Total 87 children were screened for PEM and advised to improve the personal hygiene and nutrition.
- The Department organized School Health Check up Camp at Government Sanskrit Senior Secondary School Doblai, Jaipur on 29-8-2017.
- PG Scholars of the Department conducted School Health Check up Camp in Maharaja Senior Secondary School, Sargoth Jaipur on 31-8-2017.
- The Department conducted School Health Check up Camps in Rajkiya Kanya Vidyalaya, Brahmpuri on 9-9-2017 and 5-10-2017.
- PG Scholars of the Department conducted School Health Check up Camp in Jaipur Children Academy, Gopalpura, Jaipur on 2-11-2017.
- A Free Swarnaprashan Camp on the occasion of Baldiwas on 14-11-2017 was conducted by the Department.
- PG Scholars of the Department conducted School Health Check up Camp in Euro Kids School, Kanwar Nagar, Jaipur on 10-1-2018.

## Specialized Training (including CME/ROTP) for Faculties/PhD/MD Scholars

### i) Faculty:

**Dr. Nisha Ojha**, Assistant Professor attended Trainer's Workshop - IAP Consensus - Guidelines on Neurodevelopmental Disorders - ASD, LD, ADHD NBHA – organised at Indraprastha Apollo Hospital New Delhi on 8-9-2017.

**ii) MD Scholars:**

MD Scholars of the Department were attended Breast Feeding Awareness Programme on 5-8-2017 organized by the PG Department of Balroga, NIA, Jaipur.

- MD Scholars of the Department were attended a Guest Lecture on Care of Newborn from Basic to Advance” organised on 15-7- 2017. This was delivered by Dr Dhananjay Mangal from the Jaipur Chapter of Indian Association of Paediatrics.
- MD Scholars of the Department were attended a Guest Lecture on Office Management of Pediatric Emergencies organised on 8-11-2017 and delivered by Dr. Kulbhushan, Pediatric Consultant at Rungta Hospital, Jaipur.

**Awards:** Dr. Nisha Ojha, Assistant Professor received felicitation for excellent work in pediatric practice from Late Shri Kanhaiya Lal Mishra Memorial Ayurveda Sansthan and Janhit Manch on 18-3-2018.

**Foreign Deputation:** Dr. Nisha Ojha, Assistant Professor was deputed by The Ministry of AYUSH, Government of India to participate as an expert in “Yoga and Well being Workshop” in Cultural Festival, “India By the Nile (IBN)”, organized by Embassy of India in Cairo, Egypt from 12-15 March, 2018.

**Miscellaneous:**

- Dr. Nisha Ojha, Assistant Professor delivered a TV talk on the topic “Shakti Parv Navratre” in a Programme called Beech Behas telecasted on DD Rajasthan on 23rd March, 2018.
- Students of the Department participated in the “Run for breastfeeding awareness” on 6 August, 2017



## DEPARTMENT OF KAYACHIKITSA

### Introduction:

Kaya Chikitsa is one of the important branches of Ayurveda. This branch deals with various physical and psychological diseases like Fever, Rakta-pitta, Shotha, Prameha, etc. This Department is imparting Under Graduate and Post Graduate Teaching and Training in theory as well as practical and Research on various diseases through Ayurvedic principles of treatment and therapy such as Panchakarma, Rasayana, Vajikarana etc. in accordance with the syllabus and curriculum prescribed by the Central Council of Indian Medicine and as adopted by the Dr. Sarvepalli Radhakrishnana Rajasthan Ayurved University. This Subject is mainly concerned with the principles and methods of treatment of diseases. The Department is also providing regular guidance to Ph.D. Scholars.

During the year under report, 2 Professors, 2 Associate Professors, 2 Assistant Professors, 3 Lecturers and 1 Clinical Registrar with other supporting technical and non-technical staff were working in the Department.

### Objectives:

1. To upgrade the teaching, training and patient care.
2. To upgrade the research work.
3. To increase number of patients in OPD and IPD and develop the special unit of Manasroga and Degenerative Musculoskelton Disorders (Mansa-Asthi Roga), Diabetic and Cardiovascular disorders along with special clinic for skin disorders.
4. To develop protocols of research and management of various disorders based on Ayurvedic principles of management.

### Achievements

#### Academic:

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance on Treatment in Emergency, Rasayan-Vajikaran, Manasroga and Panchakarma in the subject of Kaya Chikitsa were provided to BAMS students. Students were taught through Bedside Clinic as well as Demonstration methods which help the students to study the problems typically associated with a particular disease or disorder.

**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance were provided to M.D.(Ay.)Scholars on their research topics with reference to special diseases. Various weekly activities with regard to Seminars, Discussions, Journal Club, Thesis Topic Discussions, Case Presentations, Clinical Mthods and Departmental Examinations etc. were conducted regularly by the Department.

**C) Ph.D. Level:** Teaching, training and guidance were provided to Ph.D. scholars on their research topics from time to time. Various weekly activities with regard to Seminars, Discussions, Journal Club and Thesis Topic Discussions etc. were conducted regularly by the Department.

**(D)** The Department is running a Geriatric as well as Rasayan & Vajikarana Unit smoothly and providing good facilities to Old Aged & Other patients.

**(E)** Department is also running Madhumeha Chikitsa Unit in Collobaration with Moulik Siddhant Department smoothly.

### Research:

During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Kumari Priya	Prof. R. K. Joshi Professor Dr. J. P. Singh Assistant Professor	Comparative Study of Efficacy of "Shiva Guggulu" and "Alambushadi Ghan Vati" in the Management of Amavata with special reference to Rheumatoid Arthritis.

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2.	Dr. Divya Verma	Dr. C.B. Sharma Assoc. Professor Dr. Harish Bhakuni Assistant Professor	"Clinical Evaluation of Efficacy of 'Pathyadi Guggulu', 'Erandadi Kwath' and 'Kati Basti' in the Management of Gridhrasi Roga (Sciatica)"
3.	Dr. Bhanu Tank	Dr. C.B. Sharma Assoc. Professor Dr. U.R.Saroj Assistant Professor	"Clinical Evaluation of Efficacy of 'Madhumehari Churna' with different Kwatha in the Management of 'Madhumeha' w.s.r. to Diabetes mellitus Type 2 (NIDDM)."
4.	Dr. Devesh Jaiman	Dr. Harish Bhakuni Assistant Professor Dr. A.K. Sahu Assistant Professor	"Clinical Evaluation of Safety and Efficacy of 'Avalguja Beeja Churna' and 'Arka Tail' in the Management of Vicharchika [Atopic Dermatitis]"- A Randomized Controlled trial
5.	Dr. Chhavi Gupta	Dr. J.P. Singh Assistant Professor Dr. A.K. Sahu Assistant Professor	"Experimental and Clinical study of aqueous extract of Melia azadirachta on retardation of progression of chronic renal failure"
6.	Dr. Kalngutkar Dipti Dattayrya	Dr. A.K. Sahu Assistant Professor Dr. J.P. Singh Assistant Professor	"Role of Ayurvedic Formulation [TF-1] and Nitya Virechana in the Management of Newly Diagnosed Stage-1 Essential Hypertension."
7.	Dr. V. Damodharan	Prof. R.K. Joshi Professor Dr. J.P. Singh Assistant Professor	"Experimental and Clinical study of aqueous extract Taraxacum officinale (Dugdhapheni) and Eclipta alba (Bhringraj) in Management of Essential hypertension"
8.	Dr. Chandra Prakash	Dr. U.R.Saroj Assistant Professor Dr. Harish Bhakuni Assistant Professor	"A Clinical Evaluation of Gomutra Ghanavati in Medoroga w.s.r. to Dyslipidaemia-A Randomized Controlled Trial."

During the year under Report, the following research works of MD(Ayurveda) Scholars were in progress:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Ramakant Meena	Prof. R. K. Joshi Professor Dr. U. R. Saroj Asstt. Professor	"Comparative Study of Efficacy of Gomutra Haritaki and Navaka Guggulu in the Management of Medodushti w.s.r. to Dyslipidaemia.
2.	Dr. Shalini	Dr. J.P. Singh Assistant Professor Dr. Harish Bhakuni Assistant Professor	"Clinical efficacy of aqueous extract of Shalaparni (Desmodium gangeticum) and Bhringaraja (Eclipta alba) in the Management of Essential Hypertension (Vyanabala Vaishmya)."
3.	Dr. Kartar Singh Bansal	Dr. C.B. Sharma Associate Professor Dr. U. R. Saroj Assistant Professor	"Clinical Evaluation Of Efficacy Of 'Rasnadi Guggulu', 'Rasnadashamooladi Kwatha' and 'Griva Vasti' in the Management of Griva-Sandhigata Vata (Cervical Spondylosis)."
4.	Dr. Hemlata Soni	Dr. U. R. Saroj Assistant Professor Dr. A.K. Sahu Assistant Professor	"Clinical Study On The Efficacy Of Phalatrikadi Ghanavati in the Management Of Madhumehajanya Medoroga With Special Reference To Diabetic Dyslipidemia"
5.	Dr. Vivek Kumar Diwedi	Prof. R. K. Joshi Professor Dr. A.K. Sahu Assistant Professor	"Clinical Evaluation Of Efficacy Of 'Vrikshamla' And 'Lekhana Basti' In The Management Of Sthaulya With Special Reference To Obesity."
6.	Dr. Amit Joshi	Dr. J.P. Singh Assistant Professor Dr. Harish Bhakuni Assistant Professor	"Clinical study to evaluate the efficacy of 'Dhanyadi Yoga' and 'Jatamansi Arka' in the management of Vatika Grahani with special reference to Irritable Bowel Syndrome"
7.	Dr. Shagufta Malhotra	Prof. R.K. Joshi Professor Dr. J.P. Singh Assistant Professor	"Comparative Study of Efficacy of 'Shunthyadi Churna' and 'Parnasapanchaka Kwatha' in the Management of Tamaka Shwasa with special reference to Bronchial Asthma."

8.	Dr.Niharika Shakya	Dr. A.K. Sahu Assistant Professor Dr. U. R. Saroj Assistant Professor	"Clinical Evaluation of Haridradi Avleha and Virechana Karma in the Management of Tamaka Shwasa w.s.r. to Bronchial Asthma."
9.	Dr. Omprakash	Dr. C.B. Sharma Assistant Professor Dr. Harish Bhakuni Assistant Professor	"Clinical Evaluation Of Efficacy Of 'Navakaguggulu', 'Panchamooli Kwatha' and 'Kati Vasti' in the Management Of 'Gridhrasi Roga' (Sciatica)."
10.	Dr. Shrishti Srestha	Prof. R.K. Joshi Professor Dr. A.K. Sahu Assistant Professor	"Comparative Clinical Study on the Efficacy of 'Trikatu Gutika' and 'Madhumehari Choorna' in the Management of Madhumeha with special reference to Type II Diabetes Mellitus."
11.	Dr. Bijay Srestha	Prof. R.K. Joshi Professor Dr. U. R. Saroj Assistant Professor	Comparative Study of Adityapaka Guggulu with Janu Basti and Sandhivatri Gutika with Janu Basti in the Management of Janusandhigata Vata with special reference to Osteoarthritis of Knee Joint."
12.	Dr. Kumari Pinky	Prof. R.K. Joshi Professor Dr. A.K. Sahu Assistant Professor	"Evaluation of "Shoolaharana yoga", "Rasnapanchak kwatha" and "Griva Basti" in the Management of Grivasandhigata Vata with special reference to Cervical Spondylosis."
13.	Dr. Ashish Kumar Verma	Dr. Harish Bhakuni Assistant Professor Dr. A.K. Sahu Assistant Professor	"Clinical Study to Evaluate the Safety and Efficacy of Panchtiktaguggulu Ghrita and Apamarga Ksharosaka in the Management of Lichen Planus with special reference to Kushtha"
14.	Dr. Govind Ku. Verma	Dr. C.B. Sharma Professor	"evaluation of the efficacy of 'amrita guggulu' 'rasnasaptak kwatha' and 'ruksha sweda' in the management of 'amavata' (rheumatoid arthritis)."
15.	Dr. Shriti Agarwal	Prof. R.K. Joshi Professor	"a clinical study to evaluate the safety and efficacy of brahmi ghrita and shankhapushpi panak in the management of chittodvega with special reference to generalized anxiety disorder."
16.	Dr. Deepak Suman	Prof. R.K. Joshi Professor	"a clinical study to evaluate efficacy of katankateryadi kwatha and indra vati in the management of madhumeha w.s.r. to type ii diabetes mellitus."
17.	Dr. Rama Kaswan	Dr. U. R. Saroj Associate Professor	Preclinical & Clinical Evaluation of Gomutradi Kshara in the Management of Modoroga with special reference to Dyslipidemia.
18.	Dr. Ratna Paraste	Dr. C.B. Sharma Professor	Clinical evaluation of efficacy of 'navaka guggulu' and 'triphala kwatha' in the management of modoroga with special reference to obesity.
19.	Dr. Meenakshi Guatam	Dr. A.K. Sahu Assistant Professor	Comparative Evaluation of Punarnava Mandura and Kanchanara-Shunthi Kwatha in the Management of Dhatwagnimandya W.S.R. to Hypothyroidism.
20.	Dr. Babita Meena	Dr. A.K. Sahu Assistant Professor Dr. Rashmi Mutha Lecturer	A Randomized Comparative Clinical Trial to evaluate the Efficacy of Kulattha Guda with and without Virechana Karma in the Management of Tamaka Shwasa (Bronchial Asthma).
21.	Dr. Kiran Krishniya	Prof. R.K. Joshi Professor Dr. Bharat Kumar C. Padhar Lecturer	Double Blind Placebo Controlled Randomized Clinical Study of 'Trikatu Churna' and Lifestyle Modification in Management of Sthaulya w.s.r. to Obesity.
22.	Dr. Vidhya Bharti Sharma	Dr. HML Meena Associate Professor Dr. Bharat Kumar C. Padhar, Lecturer	A Randomized Comparative Clinical Study to evaluate the Efficacy of "Vyoshadi Guggulu" and "Shadushana Churna" in the Management of Dhatwagnimandya w.s.r. to Subclinical Hypothyroidism.
23.	Dr. Virendra Hada	Prof. C.B. Sharma Professor Dr. Harish Bhakuni Assistant Professor	Clinical Evaluation of Efficacy of 'Pathyadi Guggulu', 'Rasnadi Kwath' and 'Jaanu Basti' in the Management of Jaanu Sandhigatavata (Osteoarthritis of Knee Joint).

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24.	Dr. Radhika S. Pukale	Dr. Harish Bhakuni Assistant Professor Dr. Abhishek Upadhyay Lecturer	"A Randomised Controlled Clinical Study to Evaluate the Efficacy & Safety of "Edagajadiyoda & Gandhapashanadi Lepa" in the Management of Sidhma Kushtha w.s.r. to Pityriasis Versicolor"
25.	Dr. Lalita Verma	Prof. C.B. Sharma Professor Dr. U. R. Saroj Associate Professor	"Clinical Evaluation of 'Adityapaka Guggulu', 'Shunthyadi Kwatha' and 'Kati Basti' in the Management of 'Katigatavata Roga' (Lumber Spondylosis)."
26.	Dr. Dipti Sharma	Dr. U. R. Saroj Associate Professor Dr. Abhishek Upadhyay, Lecturer	A Preclinical Study on Hridya (Cardioprotective) effect of Nagarjunabhra Rasa in Isoproterenol Induced Myocardial Infarction in Rats.
27.	Dr. Hari Khanal	Prof. R.K. Joshi Professor Dr. Abhishek Upadhyay Lecturer	"A Randomised Comparative Clinical Study to Evaluate the Efficacy of Mustadi Kwatha and Vangeshwara Rasa in the Management of Madhumeha w.s.r. to Type-2 Diabetes Mellitus.
28.	Dr. Aasish Das	Dr. HML Meena Associate Professor Dr. Rashmi Mutha Lecturer	A Comparative Clinical Study to Evaluate the Efficacy of "Bakuchi Compound And Khadira Kwatha" with and without Virechana in the Management of Shwitra w.s.r. to Vitiligo.

During the year under Report, the following research works of Ph.D. Scholars were continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Noor Mohammad Iqbal Chaudhary	Prof. Ramkishor Joshi Professor	Pre Clinical and Clinical Evaluation of Mustadi Ghan Vati and Chir Vilva (Holooptelea interifolia) Decoction in the Management of Medo Roga wsr Dyslipidemia.
2.	Dr. Priyanka Singh	Prof. Ramkishor Joshi Professor	A Clinical and Experimental Study to Evaluate the Efficacy of Indra Vati and Madhumeha Daman Churna in Management of Madhumeha w.s.r. Diabetes Mellitus.
3.	Dr. Rashmi Mutha	Dr. Ajay Kuamr Sahu Assistant Professor	A Comparative Clinical Study to Evaluate the Efficacy of Dashamoola Kwatha and Chausath Prahari Pippali Rasayana in the Management Of Dhatwagnimandhya w.s.r. to Hypothyroidism.

**Publication:**

**(A) Articles Published in Journals/Magazines:**

Sl.No.	Author's/Co-author Name	Title	Publication Details
1.	Prof. R.K. Joshi Professor	Comparative Study of Efficacy of Shiva Guggulu and Alumbashadi Ghanvati in the Management of Amavat w.s.r. Rheumatoid Arthritis.	Journal of Ayurveda Volume V. Sept. 2017
2.	Prof. R.K. Joshi Professor	Clinical Evaluation of Darvadighrit and Shilajeet in Vataj Complications of Prameha.	Journal of Ayurveda Volume III, Jan. 2017
3.	Prof. R.K. Joshi Professor	Clinical Evaluation of Efficacy of Alumbashadi Ghan Vati and Vaitaran Basti in Management of Amavat.	AYU Journal Vol.37, Issue 2 Nov.2017
4.	Prof. R.K. Joshi Professor	Applied Aspect of Amavat Chikitsa Sutra.	World Journal of Pharmacology and Medicine Research Agusut 2017.
5.	Prof. R.K. Joshi Professor	Ayurvedic Management of Raktaatisaar w.s.r. to Ulcerative Colitis – A Case Study.	Journal of Biological and Scientific Opinion Vol. 4, Dec. 2016.



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6.	Prof. R.K. Joshi Professor	A Review on Concept of Sthaulya and its Management w.s.r. Obesity.	Unique Journal of Ayurvedic Herbal Medicine, Jul-Aug., 2016
7.	Prof. R.K. Joshi Professor	Role of Pathya in Madhumeha Type-II.	IAMJ Volume 5
8.	Prof. R.K. Joshi Professor	A Comparative Study on Katak Khidaradi Kasyam and Niruryadi Gutika in Management of Madhumeha Roga.	Journal of Ayurveda July-September 2017
9.	Prof. C.B. Sharma Professor (Co-author)	Evaluation of the Efficacy of Darvyadi Kwatha and Madhumehari Churna in the Management of Madhumeha w.s.r. to Diabetes Mellitus Type-2 (NIDDM).	Journal of Ayurveda Vol. XI-1 January-March 2017
10.	Prof. C.B. Sharma Professor (Co-author)	Clinical Evaluation of Efficacy of Pathyadiguggulu, Erandadi Kwath and Kati Basti in the Management of Gridhrasi Roga (Sciatica).	Journal of Ayurveda (Submitted for Publication)
11.	Prof. C.B. Sharma Professor (Co-author)	Clinical Evaluation of Efficacy of Madhumehari Churna with different Kwath in the Management of Madhumeha w.s.r. to Diabetes Mellitus Type 2 (NIDDM).	Journal of Ayurveda (Submitted for Publication)
12.	Dr. H.M.L. Meena Associate Prof. (Co-author)	Clinical Safety of Selected Ayurvedic Formulations in Iron Deficiency Anemia.	IRAS April-June 2017
13.	Dr. H.M.L. Meena Associate Professor (Co-author)	Clinical Efficacy and Safety of Vasa Avaleha in the Management of Stable Chronic Bronchitis. A Prospective Open Labeled Multi Centric Study.	JRAS October-December 2017
14.	Dr. Udai Raj Saroj Associate Professor (Co-author)	Clinical Evaluation of Efficacy of Almbushadi Ghana Vati and Vaitarana Basti in the Management of Amavata with special reference to Rheumatoid Arthritis.	AYU Vol. 37, Issue 2
15.	Dr. Udai Raj Saroj Associate Professor (Co-author)	Evaluation of The Efficacy of Darvyadi Kwatha and Madhumehari Churna in the Management of Madhumeha w.s.r. to Diabetes Mellitus Type-2(NIDDM).	Journal of Ayurveda Volume XI-1 Jan.-March 2017
16.	Dr. Udai Raj Saroj Associate Prof. (Co-author)	Role of Almbushadi Ghana Vati in the Management of Amavata with special reference to Rheumatoid Arthritis.	Journal of Ayurveda Volume XI-2 April-June 2017
17.	Dr. Ajay Kumar Sahu Assistant Prof. (Co-author)	Acute Oral Toxicity Study of Polyherbal Formulation NIA/2015/01	Journal of Drug Research 2016 5(2) : 1-5
18.	Dr. Ajay Kumar Sahu Assistant Prof. (Co-author)	Trigeminal Neuralgia : A Case Study in Ayurvedic Settings.	IAMJ Vol. IV, Issue V May 2016
19.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	Clinical Study on the Efficacy and Safety of Tryushnadi Guggulu in Medoroga with special reference to Dyslipidaemia.	World Journal of Pharmaceutical Research Vol. 5, Issue 4, 2016
20.	Dr. Ajay Kumar Sahu Assistant Prof. (Co-author)	A Comparative and Combined Efficacy of Harishankar Rasa and Khadir Kramuk Kwatha in Madhumeha (Diabetes Type 2).	IAMJ Vol. 4, Issue 9 September 2016
21.	Dr. Ajay Kumar Sahu Assistant Prof. (Co-author)	Management of Chronic Kidney Disease in Ayurvedic Setting : A Case Report.	IJAAR Vol. II, Issue 11 Jan.-Feb. 2017

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22.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	Chronic Kidney Disease – A Case Study in Ayurvedic Setting.	IAMJ Vol. 5, Issue 1 January 2017
23.	Dr. Harish Bhakuni Assistant Professor	Ayurvedic Approach in Jalodara (Ascitis) : A Case Report.	International Research Journal of Pharmacy.
24.	Dr. Harish Bhakuni Assistant Professor	Effect of Apamarga Kshara Lepa in Vicharchika(Eczema): A Case Report.	International Journal of Ayurveda and Medical Sciences, Volume I, Issue 3
25.	Dr. Harish Bhakuni Assistant Professor (Co-author)	Clinical Evaluation of Safety and Efficacy of Avalguja Churna and Arka Taila in the Management of Vicharchika w.s.r. to Atopic Dermatitis: A randomized Control Trial.	Journal of Ayurveda Submitted for Publication.
26.	Dr. Harish Bhakuni Assistant Professor (Co-author)	A Clinical Evaluation of Gomutra Ghan Vati in Medoroga w.s.r to Dyslipidaemia : A Randomized Control Trial.	Journal of Ayurveda Submitted for Publication.
27.	Dr. Harish Bhakuni Assistant Professor (Co-author)	Clinical Study to evaluate the Efficacy of Dhanyadi Yoga and Jatamansi Arka in the Management of Vatika Grahni with Special reference to Irritable Bowel Syndrome.	Journal of Ayurveda Submitted for Publication.
28.	Dr. Harish Bhakuni Assistant Professor (Co-author)	Clinical Efficacy of Aqueous Extract of Shalaparni (Desmodium Gangeticum) and Bhringaraja (Eclipta Alba) in the Management of Essential Hypertension (Vyanabala Vaishmya).	Journal of Ayurveda Submitted for Publication.
29.	Dr. Harish Bhakuni Assistant Professor (Co-author)	Clinical Evaluation of Efficacy of Navak Gugglu, Panchmooladi Kwatha and Kati Vasti in the Management of Gridhrasi Goga (Sciatica).	Journal of Ayurveda Submitted for Publication.
30.	Dr. B. K. C. Padhar Lecturer (Co-author)	Applied Aspect of Amavata Chikitsa Sutra.	World Journal of Pharmaceutical and Medical Research, 2017, 3(9)
31.	Dr. B. K. C. Padhar Lecturer (Co-author)	Comparative Study of Efficacy of Shiva Guggulu and Alambushadi Ghan Vati in the Management of Amavata with special reference to Rheumatoid Arthritis.	Journal of Ayurveda and Holistic Medicine Volume-V, Issue-V Sept.- Oct. 2017

**(B) Participation in Workshops/Seminars and Research Paper presentation:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar	Title of Research Paper Presented
1.	Prof. R.K. Joshi Professor	Participated in Workshop and Reorientation Program for Internees held on 10-12 April 2017.	Participated as Coordinator.
2.	Prof. R.K. Joshi Professor	Participated in a Symposium on Pain Management held 12 Jan.2018 at NIA, Jaipur.	Participated as Resource Person.
3.	Prof. R.K. Joshi Professor	Participated in National Workshop on Cancer held 17-18 January 2018 organized by NIA, Jaipur.	Participated as Resource Person.

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4.	Dr. Chandra Bhanu Sharma Professor	Participated in Workshop and Reorientation Program for Internees held on 10-12 April 2017.	Participated as invited speaker.
5.	Dr. Chandra Bhanu Sharma Professor	Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by NIA on 15-19 May 2017 at Jaipur.	Participated as Participant.
6.	Dr. Chandra Bhanu Sharma Professor	Participated in Symposium on Pain Management through Ayurveda organised by National Institute of Ayurveda, Jaipur on 12-1-2018.	Participated as Participant.
7.	Dr. Chandra Bhanu Sharma Professor	Attended National Workshop cum Training Program on Cancer - 2018 organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.	Participated as Trainee.
8.	Dr. Chandra Bhanu Sharma Professor	1 <sup>st</sup> Rashtriya Ayurveda Yuva Mahotsava organised by NASYA and National Institute of Ayurveda on 14-16 September 2017 at Jaipur.	--
9.	Dr. Chandra Bhanu Sharma Professor	CME Program on Fetal Medicine held on 8 March 2018 at National Institute of Ayurveda, Jaipur.	--
10.	Dr. HML Meena Associate Professor	Attended National Workshop cum Training Program on Cancer - 2018 - Clinical Practice Based Cancer Therapy in Ayurveda in Current Scenario - organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.	
11.	Dr. HML Meena Associate Professor	Workshop on 'Prashashnik Kaaryo Mein Hindi Bhasha Ke Upyoga Me Aane Wali Baadhayein Evam Unka Nirakaran' held on 14 Dec. 2017 in NIA, Jaipur.	
12.	Dr. HML Meena Associate Professor	National Seminar on Pain Management through Ayurved organised by MMM Govt. Ayurved College, Udaipur on 17-18 February 2018.	Participated and Chaired as a Scientific Session of the Seminar.
13.	Dr. HML Meena Associate Professor	CME Program on Management of Arsha/Hemorrhoids organised by Department of Shalya, National Institute of Ayurveda, Jaipur on the occasion of World Piles Day (20 November 2017).	CME
14.	Dr. HML Meena Associate Professor	CME Program on Management of Ashmari (Urolithiasis) organised by Department of Shalya, National Institute of Ayurveda, Jaipur on the occasion of World Kidney Day (8 March 2017).	
15.	Dr. Udai Raj Saroj Associate Professor	Pragati 2017, Striding into Futuristic Ayurveda with Recent Advances, 24th International Conference, held at Belgavi, Karnataka on 23-24 December 2017.	(i) Clinical Study on the Safety and Efficacy of Tryushnadi Guggulu in Medoroga with special reference to Dyslipidaemia.  (ii) A Comparative Study of Efficacy of DarvyadiKwatha and Madhumehari Churna in the Management of Madhumehaw.s.r. to Diabetes Mellitus type - 2

			(iii) A Comparative Study on efficacy of Gomutra Haritaki and Vrikshamla (extract) in the Management of Sthaulya w.s.r. to Overweight
16.	Dr. Udai Raj Saroj Associate Professor	Ayushya-Amritam - An International Conference on Evedence Based Ayurveda and Life Sciences held on 16- 17 April 2017 at IVRI, Izzatnagar, Bareilly, U.P.	Comparative Study on Efficacy of PushkarmooladiYoga and Bharangi NagarKwatha on Tamaka Shwasa with special reference to Chronic Obstructive Pulmonary Disease (COPD).
17.	Dr. Udai Raj Saroj Associate Professor	Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda on 15-19 May 2017 at Jaipur.	--
18.	Dr. Udai Raj Saroj Associate Professor	Workshop on 'Prashashnik Kaaryo Mein Hindi Bhasha Ke Upyoga Me Aane Wali Baadhayein Evam Unka Nirakaran' held on 14 December 2017 in NIA, Jaipur.	--
19.	Dr. Udai Raj Saroj Associate Professor	National Workshop cum Training Program on Cancer - 2018 organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.	--
20.	Dr. Ajay Kumar Sahu Assistant Professor	Ayushya-Amritam - An International Conference on Evedence Based Ayurveda and Life Sciences held on 16- 17 April 2017 at IVRI, Izzatnagar, Bareilly, U.P.	Clinical Evaluation of Swayambhu Guggulu and Aragvadhadi Lepa in the Management of Vicharchika (Eczema).
21.	Dr. Harish Bhakuni Assistant Professor	Attended National Workshop cum Training Program on Cancer - 2018 organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.	Acted as Co-ordinator of the Workshop.
22.	Dr. Harish Bhakuni Assistant Professor	Workshop on 'Prashashnik Kaaryo Mein Hindi Bhasha Ke Upyoga Me Aane Wali Baadhayein Evam Unka Nirakaran' held on 14 December 2017 in NIA, Jaipur.	
23.	Dr. Harish Bhakuni Assistant Professor	24th International Conference on Kayachikitsa and Panchakarma at Shri BM Kankanawadi KLE Ayurveda Mahavidyalaya, Belgaon.	Paper Co-authored for the Conference : Ayurvedic Approach for the Management of CKD (Case Study).
24.	Dr. Rashmi Mutha Lecturer	Attended National Workshop cum Training Program on Cancer - 2018 organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.	Participated as Trainee.
25.	Dr. Rashmi Mutha Lecturer	Workshop on 'Prashashnik Kaaryo Mein Hindi Bhasha Ke Upyoga Me Aane Wali Baadhayein Evam Unka Nirakaran' held on 14 December 2017 in NIA, Jaipur.	Participated as Participant.
26.	Dr. Abshishek Upadhyay Lecturer	Workshop on 'Prashashnik Kaaryo Mein Hindi Bhasha Ke Upyoga Me Aane Wali Baadhayein Evam Unka Nirakaran' held on 14 December 2017 in NIA, Jaipur.	Participated as Participant.

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27.	Dr. Abshishek Upadhyay Lecturer	Workshop on Social Media Content Development held at AYUSH Auditorium, Janakpuri, New Delhi organized by CCRUM on 15-16 January 2018.	Participated as Participant.
28.	Dr. Abshishek Upadhyay Lecturer	Attended National Workshop cum Training Program on Cancer - 2018 organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.	Participated as Participant.
29.	Dr. Abshishek Upadhyay Lecturer	Workshop on Social Media Content Development - Level-II held at AYUSH Auditorium, Janakpuri, New Delhi organized by CCRH on 16-17 February 2018.	Participated as Participant.
30.	Dr. B.K.C. Padhar Lecturer	Attended National Workshop cum Training Program on Cancer - 2018 organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.	Participated as Participant.
31.	Dr. B.K.C. Padhar Lecturer	Workshop on 'Prashashnik Kaaryo Mein Hindi Bhasha Ke Upyoga Me Aane Wali Baadhayein Evam Unka Nirakaran' held on 14 December 2017 in NIA, Jaipur.	Participated as Participant.
32.	Dr. B.K.C. Padhar Lecturer	Hinidi Workshop organised on 11 October 2017 by CCRAS, Jaipur.	Participated as Participant.

**Guest Lectures:**

Sl.No.	Name of Faculty Member	Title of Guest Lecture	Place
1.	Dr. H. M. L. Meena Associate Professor	Ayurveda	Induction Program for Interns held on 10-12 April 2017 at National Institute of Ayurveda, Jaipur.
2.	Dr. Udai Raj Saroj Associate Professor	Tamak Swasa	Induction Program for Interns held on 10-12 April 2017 at National Institute of Ayurveda, Jaipur.
3.	Dr. Harish Bhakuni Assistant Professor	Obesity	Induction Program for Interns held on 10-12 April 2017 at National Institute of Ayurveda, Jaipur.
4.	Dr. Rashmi Mutha Lecturer	Gridharsi	International Workshop Prameha Manthan organised at Udaipur on 17 March 2018.

Teachers of the Department also participated in the Mobile Clinical Camps organized by the Institute in SC/ST inhabited areas of different Districts of the State of Rajasthan, details of which are given below:

Sl.No.	Name of Teacher	Place of Camps	Date
1.	Prof. R. K. Joshi Professor	3-Days Mobile Medical Camp organised in OPD of NIA Hospital on Ayurveda Divas.	28-10-2017
2.	Dr. Ajay Kumar Sahu Assistant Professor	1-Day Mobile Medical Camp organised at Govind Dev Ji Temple, Jaipur.	29-5-2017

**P.G. and Ph.D. Sholars participated in Seminars/Conferences/Workshops:**

The P.G. and Ph.D. Scholars of the Department have actively participated in national and International Seminars/Workshops organized at different places in the country and presented research papers on different topics.

The students of the Department actively participated in Departmental Seminars on different topics and presented their research work before the staff and students. Keynote Lectures were also given. Meetings of Journal Club were organised.

**Miscellaneous Activities:**

The following miscellaneous activities were taken place in the Department:

<b>Sl. No.</b>	<b>Name of Teachers</b>	<b>Activities</b>
1.	Dr. Ram Kishore Joshi Professor	<ol style="list-style-type: none"> <li>1. Conducted UG and PG Examinations.</li> <li>2. Worked as Deputy Medical Superintendent of the Hospital.</li> <li>3. Worked as Coordinator of Swachh Bharat Mission.</li> <li>4. Visitor of CCIM for Ayurveda Medical Colleges.</li> <li>5. Worked as Principal Investigator for Tentex Fort effect in Low Libiodo.</li> <li>6. One TV Talk on Patrika TV delivered on the subject of Ayurved Management of Acute Abdomen Pain.</li> <li>7. Worked as Director In-Charge from 9-9-2017 to 11-9-2017.</li> </ol>
2.	Dr. H. M. L. Meena Associate Professor	<ol style="list-style-type: none"> <li>1. Worked as Dean, Para-Medical Courses run by National Institute of Ayurveda, Jaipur.</li> <li>2. Member, PG Counseling conducted by Dr. S.R. Rajasthan Ayurved University, Jodhpur.</li> <li>3. Chairman, Tender Documentation Preparation Committee, NIA, Jaipur.</li> <li>4. Unit Head of NIA Hospital.</li> </ol>
3.	Dr. Udai Raj Saroj Associate Professor	<ol style="list-style-type: none"> <li>1. Worked as Resident Medical Officer of the City Hospital.</li> <li>2. Delivered Lecture in Induction Program conducted for Interns of BAMS Course.</li> <li>3. 3 TV Talk on health issues delivered on Patrika TV, Rajasthan.</li> <li>4. Conducted Diploma, UG and PG Examinations.</li> <li>5. Subject Expert for Departmental Research Committee of the Department.</li> <li>6. Acted as Member of following Committees: Bio-Medical Waste Management Committee of NIA Medical Board, Medical Bills Scrutiny Committee of NIA Editorial Board of International Ayurvedic Medical Journal Examination Panel for Faculty of Ayurveda, Banaras Hindu University, Varanasi.</li> </ol>
4.	Dr. Ajay Kumar Sahu Assistant Professor	<ol style="list-style-type: none"> <li>1. Worked as Member of Committee for Celebration of Ayurveda Divas.</li> <li>2. Worked as Member of Anti Ragging Committee Squad.</li> <li>3. Worked as Member of NABH Audit Team under CQI Committee.</li> <li>4. Worked as In-Charge of Madhumeha Chikitsa Unit of the Institute.</li> <li>5. Worked as Member of Quality Improvement and Continuous Monitoring Committee for NABH Accreditation in the Institute.</li> <li>6. Worked as Member of Root Cause Analysis Committee for NABH.</li> </ol>
5.	Dr. Harish Bhakuni Assistant Professor	<ol style="list-style-type: none"> <li>1. Conducted UG and PG Examinations.</li> <li>2. Worked as Assistant Resident Medical Officer of NIA Hospital.</li> <li>3. Evaluation Work of Theis of MD(Ay.) allotted by Rajiv Gandhi Government Post-Graduate Ayurvedic College, Paprola (HP).</li> </ol>

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		<p>4. Worked as Member of the following Committees:</p> <ol style="list-style-type: none"> <li>1. Member of Editorial Board of International Ayurvedic Medical Journal.</li> <li>2. Editor of NIA Newsletter.</li> <li>3. Member of Sports Committee and Sports Purchase Committee.</li> <li>4. Worked as Asstt. Resident Medical Officer of Hospital of the Institute.</li> <li>5. Member of Examination Panel for the Faculty of Ayurveda, HP University(Shimla), St. Ravidas Ayurveda University(Punjab), Uttrakhand Ayurveda University, Dehradun and University of Delhi.</li> </ol>
6.	Dr. Rashmi Mutha Lecturer	Conducted Diploma, UG and PG Examinations.
7.	Dr. Abhishek Upadhyay Lecturer	<ol style="list-style-type: none"> <li>1. Member of Arogya Mela Unit of NIA, Jaipur.</li> <li>2. Reviewer in Journal of Research in Ayurvedic Sciences (JRAS) - A CCRAS Journal.</li> <li>3. Member in Tender Scrutiny committee at NIA, Jaipur.</li> <li>4. Participated in three medical camps organized by NIA, Jaipur.</li> <li>5. Internal examiner in practical examination and viva-voce of BAMS Final Year held on 20.01.2018 at NIA Jaipur.</li> <li>6. Attended as Representative of NIA Counseling for BAMS conducted at DSRRAU Jodhpur.</li> <li>7. Delivered two TV Health Talk in Rajasthan Patrika News Channel.</li> <li>8. Member in Motor Garage Store Inspection Committee of NIA, Jaipur.</li> <li>9. Co-ordinated Quiz Competition in Annual Sports and Cultural Meet 2018 at NIA, Jaipur.</li> <li>10. Member in Stage &amp; Pandal Committee in RAYM organized in 2017.</li> <li>11. Co-ordinated the AyurNext event as Member in RAYM organized in 2017.</li> </ol>
8.	Dr. B.K.C. Padhar Lecturer	<ol style="list-style-type: none"> <li>1. Member, Departmental research committee, PG Department of Kayachikitsa NIA, Jaipur</li> <li>2. Member, NAAC Criteria-2 Committee, NIA, Jaipur</li> <li>3. Member, Flying Squad of Anti-Ragging Committee of NIA, Jaipur.</li> <li>4. Member, Sub-Board of Root-3 of IRRB, NIA, Jaipur.</li> <li>5. Performed Duty as Invigilator in UG, PG and DANP University Exams.</li> <li>6. Delivered a Talk on "Ayurved Care in Meningitis" on Patrika TV Channel, Jaipur</li> </ol>



## DEPARTMENT OF MAULIK SIDDHANTA

### Introduction:

This Department is a Post-Graduate and mainly deals with the fundamental study of Ayurveda Classics named as Samhitas as well as all the principles directly or indirectly related with the Clinical Part, which include teaching of Ayurveda Siddhant, Samhita, Ayurveda History, Darshan and Sanskrit to students at under-graduate and post-graduate levels. The Department is also imparting teaching, both clinical and literary, on the fundamental doctrines of Ayurveda on scientific lines. In the PG Classes study is more advanced and probing in nature in the form of Research Methodology in Ayurveda which lays the foundation of forthcoming research by the PG Scholars. The Department is also providing regular guidance to Ph.D. Scholars.

During the year under report, 3 Professors, 2 Associate Professors and 1 Assistant Professor with other supporting technical and non-technical staff were working in the Department. 1 Sanskrit Teachers is engaged on contractual basis.

### Aims & Objectives

1. To impart fundamental education to the students of under-graduate & post-graduate classes.
2. Teaching by the advanced & interesting means to make the subject and knowledge up to date on scientific parameters.
3. To produce quality teachers in the field of basic principles so that ayurveda could be propagated Nationwide & then worldwide.
4. To impart not only literary but also clinical teaching based on the fundamental doctrines.

### Achievements

#### Academic:

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Maulik Siddhanta were provided to students in simpler and convincing way as per Syllabus of Rajasthan Ayurved University. Class Tests were also held at frequent intervals to make the students keen and more attentive.

**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the PG Subjects were provided to PG Scholars as per Syllabus of Rajasthan Ayurved University. More emphasis was given on clinical application of fundamental principles as well as on various ways of research methodology, their application and utility in Ayurveda. On other hand, PG students of the respective Department were provided with proper learning, pronunciation, translation, explanation and expoundation of basic texts as well as their various commentaries. The scholars of Department actively participated and presented research work in the weekly seminars of the Department. Eminent persons in these seminars also delivered keynote lectures. Research works were conducted. Students were sent in different National and International Seminars for their active participation during the reported year.

**C) Ph.D. Level:** Teaching, training and guidance were given to Ph.D. scholars on their subjects as per rules and directions of Rajasthan Ayurved University. Research works were conducted.

### Research:

During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Praveen Kumar	Dr. Kedar Lal Meena Professor	A Critical Study of Bhaishjavocharana Vidhi Mentioned in Brihattayi.
2.	Dr. Ankita Agrawal	Dr. Asit Kumar Panja Associate Professor	A Conceptual and Clinical Study of Efficacy of Triphaladi Kwath, Kitibhand Sthaulya in the purview of "उक्तं संतर्पणोत्थानामतर्पणमोषधम (च.सू.23/26)"



3.	Dr. Sunil Kumar Sharma	Dr. Govind Pareek Associate Professor	चरक संहिता के निदान व चिकित्सा स्थान के संदर्भ में उपमान प्रमाण के नैदानिक व चिकित्सकीय स्वरूप का विश्लेषणात्मक अध्ययन
4.	Dr. Konica	Dr. Baldev Kumar Professor	A Conceptual and Clinical Study of Sadhyata-Asadhyata of Prameha.
5.	Priyanka Firoda	Dr. Nisha Gupta Professor	An Evaluation of Dhumpana Therapy in Anurjatajanya Tamaka Svasa - A Comparative Study.
6.	Dr. Manu Verma	Dr. Shailja Bhatnagar Assistant Professor	A Conceptual Study on Role of Rasayana Therapy in Womens Health.
7.	Dr. Priyanka Meena	Dr. Kedar Lal Meena Professor	A conceptual study of Medha in the purview of शुद्धसत्वसमाधानात् सर्वमुपजायते ।। (च. शा. 1/141)

During the year under Report, the following research works of MD(Ayurveda) Scholars were in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Kunal Ojha	Dr. Govind Pareek Associate Professor	A Conceptual and Comperative Clinical Study Madhumehari Dhurna and Kadaradi Kwatha in Madhumeha to Prove the Principle "सर्वस्य बद्धमूत्राण्यमेदस्कराणि"
2.	Dr. Rekha Meena	Dr. Kedar Lal Meena Professor Dr. Asit Kr. Panja Associate Professor	A conceptual, clinical and comparative study of alambushadi churna and rasnadwadashaka kwatha in amvata in the purview of "लघनं स्वेदनं तिक्तं दीपनानि कटूनि च"(चक्रदत्त 25/1)
3.	Dr. Rajesh Gupta	Dr. Kedar Lal Meena Professor Dr. Asit Kr. Panja Associate Professor	A comparative clinical study of yavanyadi peya and kantakari avelaha in vatika kasa w.s.r. to सिन्धुधाम्ल लवणां पेयामनिलजे पिबेत्"।
4.	Dr. Vikas Kumar	Dr.Nisha Gupta Professor Dr. Asit Kr. Panja Associate Professor	A Study On The Effect Of Vishaghna Mahakashaya and Edagajadi Lepa In Anurjatajanya Vicharchika in the purview of "चिकित्सया विषघ्न्यैव स शमं लभते नरः ।" (च.चि. 3/118)
5.	Dr. Prashnat Rathi	Dr.Shailza Bhatnagar Assistant Professor	"Clinical Evaluation of Rasayana Effect of 'Madhuyashti Churna' in Apparently Healthy Individuals".
6.	Dr. Kiran	Dr. Asit Kr. Panja Associate Professor	उक्तं संतर्पणोत्थानामतर्पणमोषधम (च.सू.23/26) सिद्धांत पुष्ट्यर्थं संतर्पणोत्थ कोठ व किटिभ (कुष्ट) में मुस्तादि क्वाथ का सैद्धान्तिक एवं चिकित्सात्मक अध्ययन
7.	Dr. Sucheta Verma	Dr. Kedar Lal Meena Professor	A survey study of diabetic patients (type i and ii) with special reference to different types of prameha
8.	Dr. Satveer Sikandar	Dr. Kedar Lal Meena Professor	Conceptual and clinical study of prameha in the purview of मूत्रवहानां च स्रोतसां वंक्षण बस्तिप्रभवानां मेदःक्लेदोपहितानि गुरुणि मुखान्यासाध प्रतिरुध्यते(च.नि.4/8)
9.	Dr. Abhishek Tamrakar	Dr. Kedar Lal Meena Professor Dr. Asit Kr. Panja Associate Professor	A Comprehensive Review on the Role of Vegadharana on Pranavahasrotogata Vyadhi and their Chikitsa Siddhanta.
10.	Dr. Preeti Sharma	Dr. Govind Pareek Associate Professor	Observational and Analytical Study of Dengue and Chikungunyain Purview of Ayurveda.
11.	Dr. Mukti Manki Mita Singh	Dr. Shailza Bhatnagar Assistant Professor	Clinical Evaluation of Rasayana Effect of Guduchi Swarasa in Apparently Healthy Individuals.
12.	Dr.Sthitaprajna Biswal	Dr. Kedar Lal Meena Professor	A Clinical and Comparative Study of Madhu Pippalyadi Yoga And Gudadyo Modaka on Amlapitta.

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13.	Dr. Babita Kumari	Dr. Nisha Gupta Professor Dr. Shailza Bhatnagar Assistant Professor	A Clinical and Comparative study of "Madhumanjistha Lepa" and "Varnya Mahakashaya" in Vyanga.
14.	Dr. Sonam	Dr. K.L.Meena Associate Professor	A Clinical and Comparative Study of Guduchyadi Yoga and Madhumehari Churna on Prameha.
15.	Dr. Rameshwar Lal	Dr. Nisha Gupta Professor Dr. Govind Pareek Associate Professor	A Clinical and Comparative Study of "Arka Taila and Manahshiladi Lepa" in Vicharchika.
16.	Dr. Ashwini A	Dr. Kedar Lal Meena Professor Dr. Sisir Kumar Mandal Assistant Professor	A Survey Based Conceptual Study on Prognosis of Kushta Roga in the Purview of Vikara Vighata Bhava and Abhava.
17.	Dr. Nandeesha	Dr. Asit Kr. Panja Associate Professor	A Comprehensive Review of Dosha Gati and its Implementation in Vata Rakta and Kustha.
18.	Dr. Mousmi Sharma	Dr. Kedar Lal Meena	Prevalence of viruddhahara in the population of Dhundhar area : A survey study
19.	Dr. Monika	Dr. Kedar Lal Meena Professor	आयुर्वेदीय मौलिक सिद्धान्त के क्षेत्र में डल्हण का योगदान सुश्रुत सूत्र स्थान के संदर्भ में।
20.	Dr. Mahendra Kaswan	Dr. Kedar Lal Meena Professor	A clinical and comparative study of pippali ghrit and pintantak yog on amlapitta
21.	Dr. Jyoti	Dr. Nisha Gupta Professor	Prevalence of tendency of suppression of adharaniya vegas in general population and its impact on health.
22.	Dr. Rina Sharma	Dr. Nisha Gupta Professor	A comparative clinical study of medhya vati and kusmanda khanda on manasika bhavas in rajonivrtti avastha wsr to PMS
23.	Dr. Jaikishan Meena	Dr. Asit K Panja Associate Professor	चरकसंहिता के आरग्वधादि अध्याय में वर्णित लेपों का विभिन्न रोगावस्थाओं में प्रयोगों का विवेचनात्मक अध्ययन
24.	Dr. Pradeep Saroj	Dr. Govind Pareek Associate Professor	A conceptual and comparative clinical study of Madhumehari Churna and Madhumehari Ghrit in Management of Madhumeha.
25.	Dr. Usha Singh	Dr. Shailza Bhatnagar Assistant Professor	Development and validation of assessment criteria of Jatharagni

During the year under Report, following research works of Ph.D. Scholars were in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Vipin Kumar	Dr. Kedar Lal Meena Professor	“परीक्ष्यकारिणो हि कुशला भवन्ति”(च.सू.10/5) सिद्धान्त के परिप्रेक्ष्य में बृहत्त्रयी में वर्णित परीक्षा विधियों का सैद्धान्तिक विवेचन एवं चिकित्सकीय वैशिष्ट्य।
2.	Dr. Shreeram Kumawat	Dr. Kedar Lal Meena Professor	आयुर्वेद में वर्णित सृष्टि उत्पत्ति सिद्धान्त का विवेचनात्मक अध्ययन

**Clinical:**

The Teachers of the Department provided their duties to patients in Indoor as well as Outdoor hospitals. Teachers also provided their duties in the Mobile Clinical Camps which were organised in SC/ST inhabitant areas in Rajasthan.

**Allergic Clinic:** An Allergic Clinic runs by the Department wherein patients suffering from allergy etc. are being treated. Free medicines including Pushkarmuladiyoga prepared in the Pharmacy of the Institute are being distributed to the patients through the OPD.

**Diabetes Unit:** A Diabetic Unit runs by the Department wherein patients suffering from different type of diabetes are being provided consultation and free medicines including Madhumehari Churna prepared in the Pharmacy of the Institute are being distributed to the patients through the OPD.

**Publication:**

**(A) Books**

Sl.No.	Author's Name	Book Title	Publication Details
1.	Dr. Asit Kumar Panja Associate Professor	Asthanga Hridaya in Devanagari & Gurumukhi Scripts (with Metric Analysis)	Guru Ravidas Ayurveda University, Punjab June 2017
2.	Dr. Asit Kumar Panja Associate Professor	Mustiyoga Chikitsa- Traditional Ayurveda Practices in Bengal.	ISBN 978-81-931471-5-3 January 2018
3.	Dr. Asit Kumar Panja Associate Professor	Caraka Samhita with Carakavivriti Commentary of Acharya Yogindranath Sen.	ISBN-978-81-931471-2-2 December 2017
4.	Dr. Govind Pareek Associate Professor	Carak Cakra Chandrika-II	Parth Sarthi Prakashan Jaipur ISBN-978-81-922897-5-5

**(B) Articles Published in Journals/Magazines:**

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Kedar Lal Meena Professor	Acharya Rasayana- A behaviorial therapy in Ayurveda to promote health and happiness.	IJAPR Vol.6 issue 1, January 2018
2.	Dr. Kedar Lal Meena Professor	Ratricharya – A brief review on night routine.	PARIPEX Vol.6 issue 11 Nov 2017
3.	Dr. Kedar Lal Meena Professor	Ethics in Ayurveda.	EIJO Vol. 2 issue 5 Sep-Oct. 2017
4.	Dr. Kedar Lal Meena Professor	Role of prajnaparadah in the manifestation of disease.	PUNARNAV Vol 3 issue 4 July- Aug. 2017
5.	Dr. Kedar Lal Meena Professor	कच्चे दूध के घी से बढ़ता है कॉलेस्ट्रॉल	Dainik Bhaskar 14 July 2018
6.	Dr. Kedar Lal Meena Professor	गोखरू चूर्ण को शहद के साथ मिलाकर खाने से दूर होगा स्टोन	Dainik Bhaskar 19 August 2018
7.	Dr. Kedar Lal Meena Professor	पेट पर जमा हुआ फैट कम करने के लिए त्रिफला चूर्ण की मालिश करें।	Dainik Bhaskar 9 September 2018
8.	Dr. Govind Pareek Associate Professor	A Fundamental and Clinical Study of Vishesh Siddhanta w.s.r. to Amlapitta.	Journal of ayurveda Vol.X1 NO.4
9.	Dr. Govind Pareek Associate Professor	Importance and Utility of Samhita in Present Era.	IAMJ
10.	Dr. Govind Pareek Associate Professor	Madhumeha a Conceptual and Clinical Study.	International journal of current research
11.	Dr. Govind Pareek Associate Professor	A Clinical Study of Bodhivriksha Kashaya with Madhu in the Management of Vatarakta.	World journal of pharmaceutical research Vol. 7, issue 5,17491762
12.	Dr. Shailaja Bhatnagar Assistant Professor	An Analytical Outlook on Concept of Fetal Anomalies in Ayurveda with special reference to its Etiopathogenesis.	EPJMR 2017, Vol.4(05)

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13.	Dr. Shailaja Bhatnagar Assistant Professor	A review study on the concept of human anatomy in Ayurveda.	IJCMPR 2017,
14.	Dr. Shailaja Bhatnagar Assistant Professor	Critical Evaluation on meticulousness of yoga asana in the management of tamak shwasa (bronchial asthma).	EPJMR 2017, Vol. 4(06)
15.	Dr. Shailaja Bhatnagar Assistant Professor	The concept of male sexual and reproductive health in Ayurveda.	EPJMR 2017, Vol.4(07)
16.	Dr. Shailaja Bhatnagar Assistant Professor	An analytical review of menopause and its management by rasayana therapy.	EPJMR 2017, Vol. 4(10)
17.	Dr. Shailaja Bhatnagar Assistant Professor	A critical review study on dissection techniques in ancient Indian anatomy in Context to its its clinical significance.	WJPMR 2017, Vol. 3(09)
18.	Dr. Shailaja Bhatnagar Assistant Professor	Anatomical exploration of geriatric changes in the CNS wsr to Parkinsonism.	EPJMR 2017, Vol. 4(11)
19.	Dr. Shailaja Bhatnagar Assistant Professor	Analytical review of agni (digestion and metabolism)in Ayurveda.	WJPMR Vol. 7, Issue 05
20.	Dr. Shailaja Bhatnagar Assistant Professor	Role of medhya rasayana (nootropic herbs)in present scenario: an ayurvedic overview.	IJRAPS 2017: Vol. 1(5)

**(B) Participation in Workshops/Seminars and Paper Presentation:**

Sl.No.	Name of Faculty Member	Workshop/Seminar and Title of Paper Presented
1..	Dr. Kedar Lal Meena Professor	Paper Co-authored: Prevention Of Psychosomatic disorder through Achara Rasayana presented in Nirog street, Meerut on 7-4-2018.
2.	Dr. Kedar Lal Meena Professor	Paper Co-authored: Concept of Ahara according to Charak samhita presented in National Seminar Khanpur Kalan, Sonapat, Haryana on 16-12-2017.
3.	Dr. Kedar Lal Meena Professor	Paper Co-authored: Ayurveda a Milestone in Psychosomatic Disease presented in National Seminar, Khanpur Kalan, Sonapat, Haryana on 16-12-2017.
4.	Dr. Kedar Lal Meena Professor	Paper Co-authored: Geriatric Health Care in Ayurveda presented in National Seminar, Khanpur Kalan, Sonapat, Haryana on 16-12-2018.
5.	Dr. Kedar Lal Meena Professor	Paper Co-authored: Psychosomatic disorders and its management through Ayurveda presented in Nirog street, Merut on 7-4-2018.
6.	Dr. Nisha Gupta Associate Professor	Participated in National Workshop on the Development at Validation of Assessment Criteria of Ushanadi Guna of Pitta Dosha organized by NIA, Jaipur held on 27-30 November 2017.
7.	Dr. Nisha Gupta Associate Professor	Participation in National Workshop-cum-Training Program on Cancer 2018 organized by NIA, jaipur on 17-18 January 2018.
8.	Dr. Nisha Gupta Associate Professor	Paper Co-authored: (i) Role of Yava as a dietary regimen in prevention and management of Madhumeha (Diabetes Mellitus)- A literary Review and (ii) Dietary Regulation in Diabetes Mellitus - A Backbone in Management.
9.	Dr. Asit Kumar Panja Associate Professor	Paper Co-authored: Probable Mode of action of Nasya presented in a Seminar organised at 6-7 August 2017 at Kochi, Kerala.
10.	Dr. Asit Kumar Panja Associate Professor	Paper Co-authored: Factors influencing health of skin and clinical analysis of vacadi lepa in yuvana pidika presented in a Seminar held at Udupi on 8-3-2018.
11.	Dr. Asit Kumar Panja Associate Professor	Paper Co-authored: Concept of Ahara according to Charak Samhita presented in National Seminar Khanpur kalan, Sonapat, Haryana on 16-12-2017.
12.	Dr. Govind Pareek Associate Professor	Participated in Workshop on Excellence in Writing Skills for Ayurveda organised by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur held on 26-11-2017.
13.	Dr. Govind Pareek Associate Professor	Participated in National Workshop on Development at Validation of Assessment Criteria of Ushandi Guna of Pitta Dosa organised by National Institute of Ayurveda, Jaipur held on 2-3 February 2018.

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14.	Dr. Govind Pareek Associate Professor	Participated in Hindi Workshop organized by National Institute of Ayurveda, Jaipur on 14-12-2017.
15.	Dr. Govind Pareek Associate Professor	Participated in National Workshop-cum-Training Program on Cancer 2018 organized by National Institute of Ayurveda, Jaipur on 17-18 January 2018.
16.	Dr. Shailaja Bhatnagar Assistant Professor	Participated in Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda on 15-19 May 2017 at Jaipur.
17.	Dr. Shailaja Bhatnagar Assistant Professor	Participated in National Seminar on Research Methodology for Ayurveda organised by Ch. Brahm Prakash Ayurved Charak Sansthan, New Delhi on 7-8 October, 2017.
18.	Dr. Shailaja Bhatnagar Assistant Professor	Participated in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company on 20-11- 2017.
19.	Dr. Shailaja Bhatnagar Assistant Professor	Participated in Hindi Bhasha Workshop on Shashakiya Karyon Mein Hindi Bhasha Pryoga Mein Badhayein Evam Nirakaran organised on 14-12-2017 by National Institute of Ayurveda, Jaipur.
20.	Dr. Shailaja Bhatnagar Assistant Professor	Attended National Workshop cum Training Program on Cancer - 2018 - Clinical Practice Based Cancer Therapy in Ayurveda in Current Scenario - organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.
21.	Dr. Shailaja Bhatnagar Assistant Professor	Participated as Resource Person in National Seminar on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosa organised by National Institute of Ayurveda, Jaipur on 2-3 February, 2018
22.	Dr. Shailaja Bhatnagar Assistant Professor	Paper Co-authored: Chronic Ailments and Ayurveda presented in a Seminar organised by Rajiv Gandhi Government Ayurvedic College, Paprola on 27-28 October, 2017.
23.	Dr. Shailaja Bhatnagar Assistant Professor	Paper Co-authored: Role of Ayurveda in Basic Healthcare Service of Bharat presented in Seminar organised at Khanpur Kalan, Sonipat on 16 December 2017.

**Guest Lectures:** Following Guest Lectures were delivered in various Workshops and Programs by the Faculty Member of the Department for the benefit of students and scholars:

Sl.No.	Name of Faculty Member and Scholar	Guest Lecture Title	Date/ Month	Program
1.	Dr. Asit Kumar Panja Associate Professor	Practical Demonstration of Chanda based Ayurveda Learning.	23-4-2017	International Seminar on Ayurveda Learning organised by NASYA Rajasthan and Aravalli Hospital, Udaipur.
2.	Dr. Asit Kumar Panja Associate Professor	Pramehehetuvichara.	7-5-2017	A Program organised by Rajasthan Ayurveda Vigyanparishad.
3.	Dr. Asit Kumar Panja Associate Professor	Methods of Classical Learning.	2-3 June 2017	A Program organised by Chandigarh Ayurveda college, Chandigarh.
4.	Dr. Asit Kumar Panja Associate Professor	Pramehelakhshana and Chikitsavichara.	1-7-2017	A Program organised by Rajasthan Ayurveda Vigyanparishad.
5.	Dr. Asit Kumar Panja Associate Professor	Scientific evaluation of study of Ayurveda Itihas.	2-3 July 2017	A Program organised by Gujarat Ayurveda University, Jamnagar, Gujarat. (Ayush GURU, An AYUSH Project), attended As A peer.
6.	Dr. Asit Kumar Panja Associate Professor	Ayurveda treatment for the common practitioner.	10-7-2017	A Program organised by Govt of Srilanka, ICCR, Govt. of India.
7.	Dr. Asit Kumar Panja Associate Professor	Ayurveda principles of management.	11-7-2017	A Program organised by Govt of Srilanka, ICCR, Govt. of India.
8.	Dr. Asit Kumar Panja Associate Professor	Ayurveda treatment in chronic kidney diseases.	12-7-2017	A Program organised by Govt of Srilanka, ICCR, Govt. of India.

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9.	Dr. Asit Kumar Panja Associate Professor	Ayurveda Perspective of Lifestyle Management.	13-7-2017	A Program organised by Govt of Srilanka, ICCR, Govt. of India.
10.	Dr. Asit Kumar Panja Associate Professor	Ayurveda approach protocol for Dengue Management.	13-7-2017	A Program organised by Govt of Srilanka, ICCR, Govt. of India.
11.	Dr. Asit Kumar Panja Associate Professor	Analysis of Gana- of AshtangaHridaya in clinical purpective.	29-7-2017	A Program organised by Patna Govt Ayurveda Medical College, Patna.
12.	Dr. Asit Kumar Panja Associate Professor	Ayurveda Treatment Module.	30-7-2017	A Program organised by Rajib Gandhi Ayurveda College, West Bengal.
13.	Dr. Asit Kumar Panja Associate Professor	Doshabhedhiya –Adhyaya ; Analysis and Treatment.	8-10-2017	A Program organised by AVP, Coimbatore. For Tatvaprakashani.
14.	Dr. Asit Kumar Panja Associate Professor	LakshanaVivechana -	5-11-2017	Seminar of Trisjkanda organsied by Kohletkar Ayurveda Pratisthan, Pune.
15.	Dr. Asit Kumar Panja Associate Professor	Ayurveda Approach of Diagnosis.	6-11-2017	Seminar of Trisjkanda, Sri-ayurveda College, Nashik, Maharastra
16.	Dr. Asit Kumar Panja Associate Professor	Contribution and Characteristic of Gangadhar Roy.	23-12-2017	CME programme organsied by G P Ayurveda College, Anand, Gujarat.
17.	Dr. Asit Kumar Panja Associate Professor	Clinical Interpretation of Tantrayukti	23-12-2017	CME programme organsied by G P Ayurveda College, Anand, Gujarat.
18.	Dr. Asit Kumar Panja Associate Professor	Aupadeshaja Roga and their prevention and treatment.	7-1-2018	Jigyasa, West Bengal.
19.	Dr. Asit Kumar Panja Associate Professor	Critical editions of Manuscripts.	9-2-2018	CME programme organsied by D Y Patil College of Ayurveda.
20.	Dr. Asit Kumar Panja Associate Professor	Practical Evaluation of Nastirogavinadoshai.	25-2-2018	CME programme organsied by Sadguruvishwanath Maharajrukdikar Trust, Kohlapur.
21.	Dr. Asit Kumar Panja Associate Professor	Classical approach and treatment of prameha.	17-3-2018	CME programme organsied by Govt of Rajasthan, Ayurveda Deptt. and NASYA.
22.	Dr. Asit Kumar Panja Associate Professor	Rasa chikitsa Approach in Prameha.	17-3-2018	CME programme organsied by Govt of Rajasthan, Ayurveda Deptt. and NASYA.
23.	Dr. Asit Kumar Panja Associate Professor	Panchakarma Tretmant in Prameha.	18-3-2018	CME programme organsied by Govt of Rajasthan, Ayurveda Deptt. and NASYA.
24.	Dr. Govind Pareek Associate Professor	Excellence in Writing Skills for Ayurveda Scholars.	26-11-2017	Workshop organised by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur.
25.	Dr. Govind Pareek Associate Professor	Pain Management through Ayurveda.	12-01-2018	Symposim organised by Aushdhi at Jaipur.
26.	Dr. Govind Pareek Associate Professor	Development at Validation of Assessment Criteria of Ushandi Guna of Pitta Dosa.	2-3 Feb. 2018	National Workshop organised by National Institute of Ayurveda.

**Projects:** Following Research Projects has been undertaken by the Teachers of the Department. The details of which are given below:

- Development of Audio-Visual-History Repository/Museum for Teachers and Students of Ayurveda - Dr. Asit Kumar Panja, Associate Professor.

- Validation of Prakriti Assessment Questionnaire/Scale - Dr. Govind Pareek, Associate Professor.

**Miscellaneous Activities:** The following miscellaneous activities were taken place in the Department:

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Kedar Lal Meena Professor	<ol style="list-style-type: none"> <li>Worked as Member of Ayurved Faculty of Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur.</li> <li>Worked as Member of Board of Studies of Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur.</li> <li>Worked as Chairman of Purchasing Committee of the Institute.</li> <li>Member of Safeguard against Sexual Harassment of Women at Work Place and Grievances Committee.</li> <li>Liaison Officer of SC-ST Cell.</li> <li>Worked as Coordinator for ROTP and CMP Programs.</li> </ol>
2.	Dr. Asit Kumar Panja Associate Professor	<ol style="list-style-type: none"> <li>Run a Manuscript Unit to explore Classical Ayurveda Wisdom for Common people since 2015.</li> <li>Working as Special Subject Expert in WHO's Project for AYUSH Classification of Disease Project by the Ministry of AYUSH from November 2016 onwards.</li> <li>Worked as Member Secretary in e-Hospital Management Committee of NIA.</li> <li>Worked as Member in E-Library Committee of NIA.</li> <li>Worked as Member in IT Committee of NIA.</li> <li></li> <li>Worked as Member in Facility management and safety committee of NABH.</li> <li>Working as Editor of Journal of Ayurveda, NIA, Jaipur</li> <li>Associate Editor of AYU, IPGTRA, Jamnagar</li> <li>Chief Editor of Vaidya Parampara.</li> <li>Editorial Consultant in AYURVEDLINE, Bangalore.</li> <li>Worked as Assistant Coordinator for ROTP and CMP Programs.</li> </ol>
3.	Dr. Govind Pareek Associate Professor	<ol style="list-style-type: none"> <li>Worked as Hostel Warden of PG Hostel.</li> <li>Worked as Incharge of Departmental Library, Anti Ragging Committee, Student Welfare Committee etc.</li> <li>Attended Mobile Camps conducted by the Institute in SC and ST inhabited areas of Districts of Rajasthan State.</li> </ol>

**Awards:**

- Dr. Govind Pareek, Associate Professor received Best Citizen Award and Dhanvantari Sammaan.



## DEPARTMENT OF PANCHAKARMA

### Introduction:

This Department is a Post Graduate Department. Ayurveda mainly treat the patient by either Samshodhana (Purificative / Bio-cleansing) or Samshamana (Palliative) Treatment. Panchakarma which include five major procedures Vamana(Therapeutic emesis), Virechana(Therapeutic purgation), Niruha Basti(Therapeutic Cleansing Enema), Anuvasana Basti(Therapeutic Oil Enema), Nasya(Therapeutic Nasal Administration of Medicine) are mainly bio cleansing in nature. Apart from this several other internal and external therapies are administered in the department of Panchakarma for the treatment of various diseases mainly musculo skeletal , neurological, skin, metabolic, life style, Allergic, Respiratory and Psychiatric diseases are effectively treated by Panchakarma. This department renders service to the society by treating almost all type of patients. It also provides service as a preventive and health promotive medicine. It extends support to other departments for treating the patients through Panchakarma.

The Department is engaged in the training of students and scholars at the level of UG and PG and also has regular Ph.D. Program. The Department is also running a 4 Months Panchakarma Attendant Course. It carries Research Work at PG and Ph.D level mainly on Management of various Diseases like Rheumatoid arthritis, Sciatica, Hemiplegia, Diabetes, Psoriasis, Hypertension, Obesity, Sexual dysfunction, Dislipidemia.

During the year under report, 2 Professors(On contractual basis), 2 Assistant Professor, 1 Lecturer and 1 Panchakarma Vaidya with other supporting technical and non-technical staff were working in the Department.

### ACHIEVEMENTS

#### Academic:

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance on Treatment in the Subject of Panchakarma were provided to BAMS students. Besides theoretical as well as practical teaching, training and guidance, the Department also engaged students in bed-side clinics in Panchakarma.

**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance were provided to M.D.(Ay.) Scholars on their research topics with reference to special diseases. Scholars were kept busy in their research work to complete it hastily.

**C) Ph.D. Level:** Teaching, training and guidance were provided to Ph.D. scholars on their research topics from time to time.

#### Research:

During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Kapil Sharma	Dr. Gopesh Mangal Assistant Professor Dr. Sarvesh Singh Assistant Professor	A Comparative Clinical Study on the Effect of Ksheerbalatailamatrabasti and Erandmooladiyogabasti followed by Rasnaguggulu in the Management of Gridhrasi w.s.r. to Sciatica.
2.	Dr. Sunil Kushwah	Dr. Sarvesh Singh Assistant Professor Dr. Gopesh Mangal Assistant Professor	A Comparative Clinical Study on the effect of Triphalavidangadi Lekhana Basti & Vidangadi Ghana Vati in the Management Of Stholya w.s.r. to Obesity.
3.	Dr. Champak Kumar Pathak	Dr. Sarvesh Singh Assistant Professor Dr. Gopesh Mangal Assistant Professor	A Comparative Clinical Study to Evaluate the Effect of Ksheerbalataila in Matrabasti and Janupichu along with Aswangandhashatavariksheer Pak in the Management of Janu-Sandhigatavata w.s.r. to Osteoarthritis of Knee Joint.



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4.	Dr. Archana Kuswaha	Dr. Sarvesh Singh Assistant Professor Dr. Hetal Dave Assistant Professor	A Comparative Clinical Study on the Role of Virechana and Uttar Basti, along with Yoga Basti in the Management of Vandhyatva with special reference to Female Infertility.
5.	Dr. Amrita	Dr. Gopesh Mangal Assistant Professor	A Comparative Clinical Study On The Of Effect Of Vamana Karma,Virechana Karma, Followed By Vyaghri Haritaki Rasayana In The Management Of Tamaka Shavasa W.S.R. To Bronchial Asthma.
6.	Dr. Govind Kumawat	Dr. Gopesh Mangal Assistant Professor	A Comparative Clinical Study of Vamana & Virechana Karma and followed by Aragwadha Patra Lepa with Samana Yoga (Lelitaka Gandhaka) in the Management of Kitibha Kushtha w.s.r. to Psoriasis.
7.	Dr. Nishu	Dr. Gopesh Mangal Assistant Professor Dr. Sarvesh Singh Assistant Professor	The Role of Shadbindu Sarpi Nasya and Shadbindu Sarpi Pana in Ardhavabhedaka (Migraine).

During the year under Report, the following research works of MD(Ayurveda) Scholars were in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Anil Soni	Dr. Gopesh Mangal Assistant Professor	A Comparative Clinical Study Of Vamana Karma With two Different Vamaka Yoga and Virechana Karma in the Management of Mandal Kushtha w.s.r. Psoriasis.
2.	Dr. Jyoti Bala Damar	Dr. Gopesh Mangal Assistant Professor	A Comparative Clinical Study to evaluate the Efficacy of Janu Basti and Matra Basti with Shvadanstra Taila in the Management of Janu-Sandhigatavata w.s.r. to Osteoarthritis of Knee Joint.
3.	Dr. Krishna	Dr. S. N. Sharma Associate Professor Dr. Gopesh Mangal Assistant Professor Dr. Sarvesh Kumar Singh Assistant Professor	A Comparative Clinical Study of effect of Guduchi Bhadra Mustaadi Lekhana Basti and Guduchi Bhadra Mustaadi Ghana Vati in the Management of Sthoulya w.s.r. to Obesity.
4.	Dr. Anurag	Dr. Sarvesh Kumar Singh Assistant Professor	A Clinical Study to Compare the efficacy of Janu Dhara and Matra Basti with Sahachara Taila in the Management of Janu-Sandhigatavata w.s.r. to Osteoarthritis of Knee Joint.
5.	Dr. Suman	Dr. Sarvesh Kumar Singh Assistant Professor	A Comparative Clinical Study to Evaluate the Efficacy of Matra Basti and Kati Basti with Sahachara Taila in the Management of Katigraha w.s.r. to Lumbar Spondylosis.
6.	Dr. Ram Prabodh Chaudhary	Dr. S. N. Sharma, Professor Dr. Gopesh Mangal Assistant Professor Dr. Sarvesh Kumar Singh Assistant Professor	A Comparative Clinical Study on the Efficacy of Shahchra Taila Matra Basti and Patrapinda Swedana in the Management of Gridhrasi w.s.r. to Sciatica.
7.	Dr. Neeraj Soni	Dr. S. N. Sharma Professor Dr. Gopesh Mangal Assistant Professor Dr. Sarvesh Kumar Singh Assistant Professor	Clinical Study to Compare the efficacy of Greeva Basti with Ashwangandhya Taila and Lepana with Vajigandha Kalka in Greeva Stambha w.s.r. to Cervical Spondylosis.
8.	Achla ram Kumawat	Dr. Gopesh Mangal Assistant Professor Dr. Ajay Kumar Sahu Assistant Professor Dr. Narinder Singh Assistant Professor	A Comparative Clinical Study to Evaluate the Therapeutic Efficacy of Uttar Basti, Chatuprasrtik Basti and Shatavaryadi Choorna in the management of Kshina Shukra w.s.r. to Oligospermia.

9.	Ashok Kumar	Dr. Sarvesh Kumar Singh Assistant Professor Dr. Kshipra Rajoria Lecturer Dr. Vaibhav Bapat Panchakarma Vaidya	An open label randomized Clinical Study to evaluate the Comparative efficacy of Matra Basti with Prasarini taila and Prasarini Taila Pana in the management of Janu-Sandhigatavata w.s.r. to Osteoarthritis of Knee joint.
10.	Avadhesh Kumar	Dr. Sarvesh Kumar Singh Assistant Professor Dr. Kshipra Rajoria Lecturer	To evaluate the Comparative Efficacy of Nasya by Vrihatjivakadya taila prepared from Mridu Snehapaka and Madhyam Snehapaka in the Management of Ardhavbhedaka w.s.r. Migraine.
11.	Jatinder Verma	Dr. Gopesh Mangal Assistant Professor Dr. Deepak Jain Dept. of Neurology SMS Hospital	An open clinical study to evaluate the efficacy of Shirobasti and Nasya with and without Levodopa in the management of Kampavata w.s.r. to Parkinson's disease (PD).
12.	Nidhi Gupta	Dr. Gopesh Mangal Assistant Professor	An open Randomized Comparative Clinical Study on the types of Murdha Taila in the Management of Nidranash.
13.	Pravesh Srivastava	Dr. Gopesh Mangal Assistant Professor Dr. Ashok Kumar Associate Professor	An open randomized Comparative Clinical Study of Vamanottara Jalaukavacharana and Jalaukavacharana in the management of Mandal Kushtha w.s.r. to Psoriasis.
14.	Saroj Kumari	Dr. Sarvesh Kumar Assistant Professor Singh Dr. Kshipra Rajoria Lecturer	An open randomized clinicalstudy to evaluate the comparative efficacy of Nasya and Matra basti with Prasarini Taila in management of Greevastambha w.s.r. Cervical Spondylosis.

During the year under Report, the following research works of Ph.D. Scholars were in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Nirmal Bhusal	Dr. Gopesh Mangal Assistant Professor	A Clinical Study on the effect of Vamanottara Virechana Karma, Darvyadi Ghanavati and Lifestyle Modification in Prameha w.s.r. to Prediabetes.
2.	Dr. Surya prakash	Dr. Gopesh Mangal Assistant Professor	A Clinical Study to Assess the Safety and Efficacy of Vamana and Virechana Karma followed by Ksheer Ghrita Rasayan in Healthy Individuals.
3.	Dr. Ujwala Samadhan Hivale	Dr. Gopesh Mangal Assistant Professor	A Comparative Clinical Study on the effect of Treatment as per Chikitsasutra, Nitya Virechana, Indukant Ghrita and Amritadi Guggulu in Amavata w.s.r. to Rheumatoid Arthritis.
4.	Dr. Sangeeta Sharma	Dr. Gopesh Mangal Assistant Professor	A Standard Controlled Clinical Study of Vamana Karma and Koshatakyadi Kaphanashaka Basti followed by Deepinya Mahakashaya Ghanavati in the Management of Dhatwagnimandya w.s.r. to Hypothyroidism.

### Clinical:

Clinical services were rendered to Indoor and Outdoor patients of the hospital by this Department and provided treatment through *Panchakarma* Therapy to the patients of *Balpakshghat, Pakshaghat, Aamavata, Sandhi Vata, Katishool, and Siraha Shool*, Skin Diseases etc.

The Panchakarma Department has separate sections as well as masseurs for male and female patients for application of various therapies like *Abhyanga (Snehan), Nasya, Shirodhara, Anuvasana Basti, Kati Basti, Nadi Sweda, Shiro Abhyanga, Shiro Basti, Vamana, Virechana, Sarvanga Swedana, Niruha Basti, Shastikashali-pindasweda, Patrapindsweda*, etc. All therapies are done under the supervision of Faculty Members and Scholars.

During the year under report, 95,274 different Therapies like *Snehana, Abhyanga, Nadi Swedana, Sarvang Swedana, Patra Pind Swedana, Shastikshali Pinda Sweda, Shirodhara, Shiro Basti, Kati Bast, Vamana Karma*,

*Virechana Karma, Niruha Basti, Anuvasan Basti, Nasya Kamra, Vyayama, Udvartan, Jalauka, Pizhichill, Raktamokshana, US, Traction* etc. were performed. Encouraging results have been achieved in Rasayana and Vajikarana by purification of the body through Panchakarma and subsequent administration of drugs. The total strength of patients in IPD was 27,139 out of which 1,372 were newly registered and total strength of patients in OPD was 31,102 out of which 14,271 were newly registered. There is also a well-equipped special Unit for providing treatment to dignitaries, VIPs, foreigners, etc.

### Weekly Seminars

Weekly Seminars were held regularly on topics with regard to Journal, Thesis and Clinical Case Presentation, respectively. The students of the Department actively participated and presented their research work in the Weekly Seminars before the teachers and students. Keynote Lectures were also delivered by the departmental teachers and outside eminent persons.

### Publication:

#### (A) Articles Published in Journals/Magazines:

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Gopesh Mangal Assistant Professor	Review on Nutritive Ayurveda Bolus Fomentation: Shasthika Shali Pinda Swedana.	Actavelit Volume 3, Issue 4 March-May 2017
2.	Dr. Gopesh Mangal Assistant Professor	Clinical Study to evaluate the Efficacy of Yapana Basti and Vanari Gutika in the Management of Klaihya w.s.r to Erectile Dysfunction.	International journal of Ayurveda and Pharma Research. Vol.5, Issue 5, May 2017
3.	Dr. Gopesh Mangal Assistant Professor	Review On Patra Pinda Sweda: A Peculiar Ayurveda Bolus Fomentation.	International Ayurvedic Medical Journal ISSN : 2320 5091 May 2017
4.	Dr. Gopesh Mangal Assistant Professor	Vamonattara Virechana Karma (Therapeutic Purgation After Therapeutic Emesis) in Teenage Patient: A Case Study.	World Journal Of Pharmaceutical Research Volume 6, Issue 7 July, 2017
5.	Dr. Gopesh Mangal Assistant Professor	Conceptual Study on the Role of Virecana Karma in Management of Tamaka Shwasa.	International Journal Of Ayurvedic & Herbal Medicine 7 (4), July -Aug. 2017 2733-2739
6.	Dr. Gopesh Mangal Assistant Professor	Shirodhara in the Management of Chittodvegajanya Anindra (Insomnia Due to Generalized Anxiety Disorder).	International Journal Of Applied Research 3(8): 160-162 August 2017
7.	Dr. Gopesh Mangal Assistant Professor	Etiological Factors of Prameha (Pre-Diabetes) and Madhumeha (Diabetes): An Ayurvedic Review.	International Journal of Research in Ayurveda Pharmaceutical. 8 (5)
8.	Dr. Gopesh Mangal Assistant Professor	Management of Avabahuka (Frozen Shoulder) with Abhyanga Swedana, Pratimarsha Nasya and Ayurveda Medicines: A Case Study.	World Journal Of Pharmaceutical Research Vol 6, Issue 8, 2017.
9.	Dr. Gopesh Mangal Assistant Professor	Management of Urinary Tract Infection with Certain Ayurveda Medicines: A Case Study.	International Journal Of Health Sciences & Research (Www.Ijhsr. Org), Vol.7; Issue: 9
10.	Dr. Gopesh Mangal Assistant Professor	Review On Kati Basti - Oil Pooling Ayurveda Procedure.	World Journal Of Pharmaceutical Research Vol 6, Issue 10, 2017.
11.	Dr. Gopesh Mangal Assistant Professor	Effect Of Classical Virechana Karma in the Management of Chronic Eczema( Kshudra Kustha) – A Single Case Study.	International Journal Of Ayurvedic& Herbal Medicine 7:3(2017) 2605-2620

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12.	Dr. Gopesh Mangal Assistant Professor	Cervical Spondylosis and its Panchkarma Management–A Conceptual Study.	International Ayurvedic Medical Journal,(ISSN:2320 5091),5(11).
13.	Dr. Gopesh Mangal Assistant Professor	Management of PCOS Through Shodhana (Bio-Purification) A Panchkarma Modality – A Single Case Study.	International Journal of Ayurvedic and Herbal Medicine 7:6 (2017) 2973-2976.
14.	Dr. Gopesh Mangal Assistant Professor	Critical Analysis between Etiological Factors of Tamaka Shavasa and Bronchial Asthma.	ActaVelit, Vol.4, Issue.3
15.	Dr. Gopesh Mangal Assistant Professor	Virechana (Therapeutic Purgation): an Unparallel Treatment for Pitta Vikaras.	International Ayurvedic Medical Journal ,Volume 6, Issue 1, January, 2018
16.	Dr. Gopesh Mangal Assistant Professor	Review on Vamana Karma (Therapeutic Emesis).	International Ayurvedic Medical Journal ,Volume 6, Issue 2, March, 2018
17.	Dr. Gopesh Mangal Assistant Professor	Effect of Classical Vamanottara Virechana Karma followed by some Ayurveda medicine in the management of Psoriasis: A Case Study.	Journal of Ayurveda Vol . XI, No. 2 April-June 2017
18.	Dr. Gopesh Mangal Assistant Professor	Management of alopecia by bloodletting and certain Ayurveda Medicine : A Case Study.	Journal of Ayurvedic and Herbal Medicine (JAHM) Volume 3, Issue 3 July- September 2017
19.	Dr. Gopesh Mangal Assistant Professor	Approach to Standardization of Oil Temperature in Kati Basti – A Pilot Study.	Journal of Ayurvedic and Herbal Medicine 2017
20.	Dr. Gopesh Mangal Assistant Professor	The Clinical Study to evaluate the Efficacy of Vaman and Nasya Karma in the Management of Peenasa w.s.r. to Sinusitis.	Journal of Ayurveda (Issn No- 2321-0435) Vol xi-3 Jul- sep 2017
21.	Dr. Gopesh Mangal Assistant Professor	Risk of Diabetes in the Indian Population: A Study Using Diabetes Risk Score and Random Blood Glucose Level.	Research & Review: Journal of Medicine ISSN: 2249-8648 (Online) ISSN: 2348-7917(Print) Vol-7, Issue-3, Feb. 2018
22.	Dr. Sarvesh Kumar Singh Assistant Professor	Efficacy of Patra Pinda Swedana and Erand Mooladi Niruha Basti in the Management of Gridhrisi w.s.r. to Lumber Disc Disease.	World Journal of Pharma Clinical Research 2017;6:1080-1085
23.	Dr. Sarvesh Kumar Singh Assistant Professor	Ayurvedic Management of Avascular necrosis of Neck of Femur w.s.r. to Asthi majjagat vata, Research and Reviews.	Journal of Surgery June, 2017
24.	Dr. Sarvesh Kumar Singh Assistant Professor	Ayurvedic management of Gridhrasi w.s.r. to Sciatica- A Case Study.	World Journal of Pharmaceutical Research June, 2017
25.	Dr. Sarvesh Kumar Singh Assistant Professor	Therapeutic Benefits of Raj Yoga - A Review.	Indian Journal of Pharmaceutical Reasearch 2017
26.	Dr. Kshipra Rajoria Lecturer	Ayurvedic Management of Avascular necrosis of Neck of Femur w.s.r. to Asthi majjagat vata, Research and Reviews.	Journal of Surgery June, 2017
27.	Dr. Kshipra Rajoria Lecturer	Ayurvedic Management of Gridhrasi w.s.r. to Sciatica- A Case Study.	World Journal of Pharmaceutical Research June, 2017
28.	Dr. Kshipra Rajoria Lecturer	Therapeutic Benefits of Raj Yoga - A Review.	Indian Journal of Pharmaceutical Reasearch, 2017

**(B) Participation in Workshops/Seminars and Research Paper presentation:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Gopesh Mangal Assistant Professor	Seminar on Basic Life Support organised by National Institute of Ayurveda at Jaipur in 2017.
2.	Dr. Gopesh Mangal Assistant Professor	Participated as a delegate in Workshop on Charaka Chintan-2017 for Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur on 15-19 May 2017.
3.	Dr. Gopesh Mangal Assistant Professor	Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.
4.	Dr. Gopesh Mangal Assistant Professor	Workshop on Use of Hindi in Official Work : Constraints and their Solutions organised by National Institute of Ayurveda, Jaipur on 14 December 2017.
5.	Dr. Gopesh Mangal Assistant Professor	National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.
6.	Dr. Sarvesh Kumar Singh Assistant Professor	Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.
7.	Dr. Sarvesh Kumar Singh Assistant Professor	Workshop on Use of Hindi in Official Work : Constraints and their Solutions organised by National Institute of Ayurveda, Jaipur on 14 December 2017.
8.	Dr. Sarvesh Kumar Singh Assistant Professor	National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.
9.	Dr. Kshipra Rajoria Lecturer	Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.
10.	Dr. Kshipra Rajoria Lecturer	Participated as a delegate in Workshop on Charaka Chintan-2017 for Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur on 15-19 May 2017.
11.	Dr. Kshipra Rajoria Lecturer	Workshop on Excellence in Writing Skills for Ayurved Scholars organized by Vishwa Ayurved Parishad, Rajasthan on 26 November 2017 at Jodhpur.

**Delivered Guest Lectures/Talks in RoTP/CME /Conferences/Seminars:**

Sl.No.	Name of Faculty Member	Details of Program	Title of Guest Lecture/Talk
1.	Dr. Gopesh Mangal Assistant Professor	A Program organised by Chaudhary Brahm Prakash Ayurved Charak Sansthan, New Delhi on 3 April 2017.	Keraliye Panchakarma
2.	Dr. Gopesh Mangal Assistant Professor	Orientation Workshop for Intern Students organised by National Institute of Ayurveda, Jaipur on 11 April 2017.	Panchakarma
3.	Dr. Gopesh Mangal Assistant Professor	National Seminar on Chronic Diseases organised by Rajiv Gandhi Government PG Ayurveda College, Paprola on 28 October, 2017.	Ayurveda
4.	Dr. Gopesh Mangal Assistant Professor	Orientation Workshop for Intern Students organised by National Institute of Ayurveda, Jaipur on 8 Nov. 2017.	Panchakarma
5.	Dr. Gopesh Mangal Assistant Professor	CME Program organised by Madan Mohan Malviya Govt. Ayurveda College, Udaipur on 10 November 2017.	Ayurveda
6.	Dr. Gopesh Mangal Assistant Professor	CME Program on Pain Management Through Ayurveda organised by National Institute of Ayurveda, Jaipur on 12 January 2018.	Pain Management.

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7.	Dr. Gopesh Mangal Assistant Professor	A Program organised by Maharani College, Jaipur on 31 January 2018.	Stress Management through Ayurveda.
8.	Dr. Gopesh Mangal Assistant Professor	International Conference & Exhibition on Siddha Medicine and Pre-Conference Workshop organised by Univerity of Jaffna, Sri Lanka on 23-27 February 2018.	Demo on Pancha karma procedures and discussion on similarities with Siddha detoxification procedures.
9.	Dr. Gopesh Mangal Assistant Professor	National Seminar on Pain Management organised by Dr. Sarvepalli Radhakrishnan Ayurved University, Jodhpur on 9-10 March 2018.	Shirodhara.
10.	Dr. Sarvesh Kumar Singh Assistant Professor	Reorientation Program on Panchakarma for Nursing Personnel organised by MMM Govt. Ayurved College, Udaipur on 8-11-2017.	Shirodhara and Shirobasti.
11.	Dr. Sarvesh Kumar Singh Assistant Professor	Reorientation Program on Panchakarma for Nursing Personnel organised by MMM Govt. Ayurved College, Udaipur on 14-3-2018.	Shirodhara and Shirobasti.
12.	Dr. Sarvesh Kumar Singh Assistant Professor	Workshop on Research Methodology and Good Clinical Prctice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.	Publication and Research.
13.	Dr. Sarvesh Kumar Singh Assistant Professor	A Program organised by Vishwa Ayurveda Parishad at Jaipur on 15 December 2017.	Publication Ethics-I
14.	Dr. Sarvesh Kumar Singh Assistant Professor	A Program organised by Vishwa Ayurveda Parishad at Jaipur on 5 January 2018.	Publication Ethics-II
15.	Dr. Sarvesh Kumar Singh Assistant Professor	A Program organised by Vishwa Ayurveda Parishad at Jaipur on 5 January 2018.	Avascular Nerosis
16.	Dr. Sarvesh Kumar Singh Assistant Professor	Workshop on Excellence in Writing Skills for Ayurved Scholars organized at Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur on 26 November 2017.	Ethics in Research Publications.

**Free Medical Camps Organised by the Department:**

Sl.No.	Camp	Date	Patient Enrolled
1.	Public Health Awareness through Vaman in Vasant Ritu.	23-2-2017 to 4-4-2017	37
2.	Camp on Public Health Awareness through Basti Karma in Varsha Ritu	4-8-2017 to 1-9-2017	1166 Matra Basti done.
3.	Camp on Public Health Awareness through Virechana in Sharad Ritu.	6-10-2017 to 7-12-2017	40
4.	Camp on Pain Management through Ayurveda	1-10-2017 to 7-12-2017	91
5.	BMD Camp	7-3-2017	124
6.	BMD Camp	15-5-2018	250
7.	Stress Management Camp at Maharani College, Jaipur	31-1-2017	345
9.	Medical Camp organised by Forest Department, Govt. of Rajasthan, Jaipur	29-12-2017 to 30-12-2017	-
10.	Ayushman Camp in collaboration with Rajasthan Patrika at Jaipur	24-12-2017	-

**Awards:**

- Dr. Gopesh Mangal, Assistant Professor was felicitated in award function organised by Agrawal Samaj(Uttar), Jaipur for distinguished work done in Ayurveda on 21-9-2017.
- Dr. Gopesh Mangal, Assistant Professor was facilitated by Hon'ble Health Minister Shri Kali Charan Saraf in award function organised by Rajasthan Agarwal Samaj, Jaipur for distinguished work in Ayurved on 27-9-2017.

**TV Interviews**

- Interviews of Dr. Gopesh Mangal, Assistant Professor were telecasted on Rajasthan Patrika TV Channel in Hellow Doctor Show on the following topics:  
(i) Cancer Bladder (ii) DMD (iii) Detoxification (iii) 40 Plus Health (iv) Mental Health (v) Gastric Ulcer (vi) Dengue (vii) Pollution and Health (viii) Q & A (ix) Panchakarma etc.  
A documentary on Guinness World Record for the Most People Receiving Nasya Panchakarma Treatment Simultaneously made and telecasted on 7-10-2017 on DD Rajasthan TV Channel.
- Dr. Gopesh Mangal, Assistant Professor has developed an App of the Institute which was officially launched by Vice-Chancellor, Dr. Sarvepalli Radhakrishnan Ayurved University, Jodhpur and Director of the Institute on 16-10-2017.

**Miscellaneous Activities:**

- (i) **Dr. Gopesh Mangal**, Assistant Professor has worked as Coordinator in Medical Camps organised by the Department and Guinness World Record for Most People Receiving Nasya Panchakarma Treatment Simultaneously.
- (ii) **Dr. Sarvesh Kumar Singh**, Assistant Professor evaluated two research proposals for Science and Engineering Research Board.
- (iii) **Dr. Sarvesh Kumar Singh**, Assistant Professor worked as Member of Expert Committee on Validation of Outstanding Herbal Practices through Ayurvedic Route, National Innovation Foundation, Ahmadabad, Gujarat.  
Panchakarma Treatment made available to the VIPs which include Hon'ble MP, MLA and IAS Officers.



## DEPARTMENT OF PRASUTI TANTRA AND STRI ROGA

**Introduction:** The Department of Prasuti and Stri Rog is imparting Teaching and Training to Ph.D. (Ayurved), Post-Graduate (M.S. Ayurved), Undergraduate (BAMS) and DAN & P (Diploma in Ayurvedic Nursing & Pharmacy) Courses. Various Research Activities are carried out by M.S. and Ph.D. Scholars and also the activities of the Department includes providing Ayurvedic Medical Care and Treatment for various diseases of female like Anartav, Artav Kshaya, Artav Dushti, Asrugdar, Vandhyatwa, Garbhashaya Shotha, Cysts related to Beeja Granthi, Shroni Shoth (Pelvic Inflammation), Rajah Kruchrata (Dysmenorrhoea), etc. The Prasuti Section of the Department provides Ayurvedic Medical Care and Treatment for various conditions of pregnant women like Garbhini Parikshana (Antenatal care), Garbhini Paricharya, Prasav Karma, Sutika Paricharya and Mahila Kalyana. The Department also performs various Ayurvedic procedures like Uttara Basti (Vaginal, Intrauterine, Intravesicle), Kshara Karma, Yoni Prakshalan, Pichu, Anuvasan Basti, Pottali etc. to Female Patients as a part of treatment. Various surgical procedures such as EB, Polypectomy, Tubal ligation, Hysterectomy (Abdominal and Vaginal) and Caesarean Section are also carried out frequently and contraception like Cu-T is advised to patients for family planning purposes.

During the year under report, 2 Professors, 1 Associate Professor, 1 Assistant Professor, 1 Lecturer, 1 Clinical Registrar with other supporting technical and non-technical staff were working in the Department. 1 Consultant is engaged in the Department.

### Achievements

### Academic:

During the year, theoretical as well as practical teaching, training and guidance in the subject of Prasuti-Stri Roga were provided to students and scholars at the level of UG, PG and Ph.D.

### Research:

During the period under report, following research works of MS(Ayurveda) Scholar were completed:

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Susheela Choudhary	Dr. Sushila Sharma Professor	A Comparative Clinical Study of Kutajastak-Ghan and Vasa-Ghan in the management of Asrigdar w.s.r. to D.U.B.
2.	Dr. Sunita Verma	Dr. Sushila Sharma Professor Dr. Hetal H. Dave Assistant Professor	A Comparative clinical study of Rajah Pravartini Vati" and "Trivritadi taila" Anuvasan basti on Kashtartav w.s.r. to Primary dysmenorrhoea.
3.	Dr. Sonika Pal	Dr. B. Pushpalatha Associate Professor	A Comparative Clinical Study Of Nimbadi and Yastyadi Ointment on Episiotomy wound w.s.r to wound healing.
4.	Dr. Deepika Baranwal	Dr. Hetal H. Dave Assistant Professor	Clinical study to evaluate the role of "kashmaryadi ghrita" in vandhyatwa w.s.r to female infertility.
5.	Dr. Rameshwar	Dr. Sushila Sharma Professor Dr. B. Pushpalatha Associate Professor	A Comparative Study of Madhukadi Lauham and Shatavari Mandur in the management of Garbhini Pandu.
6.	Dr. Pinky Chauhan	Dr. Sushila Sharma Professor Dr. Hetal H. Dave Assistant Professor	A Comparative Clinical Study of Kasisadi varti and Palashadi varti in the management of Pichchhila Yoni w.s.r. to Abnormal Vaginal Discharge.
7.	Dr. Aditi Sonkar	Dr. Sushila Sharma Professor Dr. B. Pushpalatha Associate Professor	A Comparative Clinical Study of Shatapushpa Churna and Krishnadi Churna along with Dhatakyadi Taila Pichu in Paripluta Yonivyapad w.s.r. to Pelvic Inflammatory Disease.



During the period under report, the following research works of MS(Ayurveda) Scholar were in progress and continued:

<b>Sl. No.</b>	<b>Scholar</b>	<b>Supervisor/ Co-Supervisor</b>	<b>Topic</b>
1.	Dr. Heena Mevada	Dr. Sushila Sharma Professor	A Comparative Clinical Study of Shatpushpa Churna and Pipplyadi Churna with Ashwagandha Ksheerpaka in Vandyatva w.s.r. to Female Infertility.
2.	Dr. Suresh Kumar	Dr. Sushila Sharma Professor Dr. B.Pushpalatha Associate Professor	A Comparative Clinical Study of Hingawadi Churna and Rajahpravartini Vati on Kashtartava w.s.r to Primary Dysmenorrhoea.
3.	Dr.Indresh Bhaskar	Dr. B.Pushpalatha Associate Professor	A Comparative Clinical Study of Bilwamajja Churna and Kustumbari Kalka in Garbhini Chardi w.s.r. to Emesis Gravidarum.
4.	Dr. Swati Alha	Dr. Hetal H. Dave Assistant Professor	A Comparative Clinical Study of Kandughna Mahakashaya Churna and Kutajghna Vati along with Hayamaradi Taila on Acharna Yonivyapad w.s.r. to Pruritus Vulvae.
5.	Dr. Rachna Paudel	Dr. Sushila Sharma Professor Dr. Hetal H. Dave Assistant Professor	A Comparative Clinical Study of Vasa ghna and Kutajaghna in the Management of Asrigdara w.s.r. to Dysfunctional Uterine Bleeding.
6.	Dr. Utpal Devbarma	Dr. Sushila Sharma Professor Dr. B.Pushpalatha Associate Professor Dr. Hetal H. Dave Assistant Professor	A Comapartive Study of Shatavari Churna and Guduchyadi Churna on Rajonivriti Avastha w.s.r. to Postmenopausal Syndrome.
7.	Dr. Seema Pandey	Dr. Sushila Sharma Assoc. Professor	A Comparative Clinical Study to Evaluate the Efficacy of Jyotishmatyadi Yoga and Madhutilika Basti on Nashtartava.

During the period under report, the following synopsis of research works were submitted by the MS(Ayurveda) Scholar:

<b>Sl. No.</b>	<b>Scholar</b>	<b>Supervisor/ Co-Supervisor</b>	<b>Topic</b>
1.	Dr. Meemansa Swami	Dr. Sushila Sharma Professor	Management of Asrigdara with Drakshadi Yoga and Kutajashtaka Ghana w.s.r. to Dysfunctional Uterine Bleeding : A Comparative Clinical Study.
2.	Dr. Jyoti Jain	Dr. Hetal H. Dave Assistant Professor	Management of Nashtartava W.S.R. to Polycystic Ovarian Syndrome (PCOS) : A Randomized Controlled Trial.
3.	Dr. Subhadra Karki	Dr. Sushila Sharma Professor	Management of Shweta Pradara with Local Application of Shatahvadi Yoga And Palashadiyoga : A Comparative Clinical Study with special reference to Abnormal Vaginal Discharge.
4.	Dr. Neetu Singh	Dr. Hetal H. Dave Assistant Professor	Management of Vandhyatwa with Kashmaryadi Ghrita And Baladi Churna with special reference to Female Infertility–A Comparative Clinical StUdy.
5.	Dr. Laxmi Gupta	Dr. Sushila Sharma Assoc. Professor	Management of Artava Kshaya with Tilashelukarvi Kwatha and Venuparvadi Kwatha : A Comparative Clinical Study.
6.	Dr. Vishwanath Singh Tekam	Dr. B.Pushpalatha Associate Professor	Management of garbhini pandu with Draksha Ghrita and Lakshmana Lauha : A Comparative Clinical Study.

7.	Dr. Renu Chaudhary	Dr. B.Pushpalatha Associate Professor	A Comparative Clinical Study of Hingvadi Churna and Trivritadi Taila Anuvasana Basti in the Management of Kashtartava with special reference to Primary Dysmenorrhoea.
8.	Dr. Moushami Kulhare	Dr.K.Bharathi Dr. B.Pushpalatha Associate Professor	A Randomized Comparative Clinical study to Assess efficacy of Punarnava Mandura with and without Shatavari Avaleha in Garbhini Pandu.
9.	Dr. Priyanka Hajare	Dr. K. Bharathi Professor Dr. B.Pushpalatha Associate Professor Dr.Hetal H Dave Assistant Professor	A Randomized comparative clinical study of Kebuka taila and Bala taila Yoni Pichu along with Bala taila Matra Basti in Sukhprasava.
10.	Dr. Richa Tiwari	Dr. K. Bharathi Professor Dr.B.Pushpalatha Associate Professor	A Randomized comparative clinical study of agnikarma and virechan karma in the management of karnini yonivyapad w.s.r. to cervical erosion.
11.	Dr. Sanju Rao	Dr. B. Pushpalatha Associate Professor Dr. Sonu Verma Prasuti Tantra	A Randomized comparative clinical study of Bhumyamalaki churna and Madhuka ghrita matra basti in the management of Asrigdara vis-a-vis to Abnormal Uterine Bleeding.
12.	Dr. Suman Kumari	Dr. Hetal H. Dave Assistant Professor Dr. Sonu Verma Lecturer	A Randomized comparative clinical study to evaluate the effect of Dhataki pushpadi yoga & Baladi churna along with Ashwagandha Ghrita in Female infertility.
13.	Dr. Tagu	Dr. K. Bharathi Professor Dr. Hetal H. Dave Assistant Professor	To evaluate the role of Virechan karma along with Kanchanara varuna ghan vati in Garbhashaya arbuda w.s.r to Uterine Fibroid.
14.	Dr. Usha Kumari	Dr. K. Bharathi Professor Dr. Sonu Verma Assistant Professor	A Randomized comparative clinical study of Lodhra churna with Krishna tila kwatha and Shatapushpa taila matra basti in the management of Artavakshaya w.s.r to Polycystic Ovarian Syndrome

During the period under report, the following research works of Ph.D. Scholar were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr.Suresh kumar Solanki	Dr. Sushila Sharma Professor	A Comparative Clinical Study of Agnikarma with Swarnashalaka and Kshara Karma with Snuhi Kshara in the Management of Karnini Yonivyapad w.s.r to Cervical Erosion.
2.	Dr. G.M. Kavya	Dr. Sushila Sharma Professor	A Comparative Clinical Study of Vayasthapana Gana and Vidarikanda in Rajonivriti Avastha w.s.r. to Post Menopausal Syndrome.

During the period under report, the following research works of Ph.D. Scholar were continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Khushbu Jain	Dr. Sushila Sharma Professor	A Comparative Clinical Study Of Shonitasthapana Mahakashaya And Bolabaddha Rasa In The Management Of Asrigdara w.s.r. to Dysfunctional Uterine Bleeding.
2.	Dr. Priyanka Sharma	Dr. Sushila Sharma Professor	A Comparative Clinical Study Of Vijayadi Vati And Kuberaksha Vati In The Management Of Kashtartava With Special Reference To Primary Dysmenorrhoea.

**Clinical:**

Clinical services were rendered to Indoor and Outdoor patients of the hospitals by this Department. Faculty Members of the Department were also participated in the Mobile Clinical Camps organized in SC and ST inhabited areas.

During the reported year, patients of different diseases pertaining to Stri Roga, Prasuti Tantra, etc. were treated through following Ayurvedic Karma like *Uttar Basti, Kshar Karma, Yoni prakshalan, Pichu, Anuvasan Basti, Pottali* etc. were performed on the patients suffering from Sagarbha, Garbhashaya Mukhgate Vrana, Phalini, Vandhyatwa, Garbhashaya Bhramsha, Shwetapradar, Karnini Yonivyapad, Acharana, Mutrakrich, Shronishotha by the Department. During the reported year, patients suffering from various disorders like *Anaratava (Amenorrhoea), Artavakshaya (Hypomenorrhoea), Artavadushti (Dysmenorrhoea), Swetpradra, Raktapradara, Vandhyatva, Garbhasaya Bhramsha, Garbhasaya Arbuda, Grabhasaya Shoth, Bijgranthi Cyst (Ovarian Cysts), Shronishotha (Pelvic disorders) and Rajahkricchta* were treated. Various welfare activities were also conducted for women. Following 5195 Ayurvedic Karmas were performed:

Sl. No.	Karma	Total
1.	<i>Anuvasan Basti/ Matra basti</i>	797
2.	<i>Niruh basti</i>	98
3.	<i>Uttar basti</i>	140
4.	<i>Madhu tailik basti</i>	492
5.	<i>Yoni prakshalan</i>	523
6.	<i>Kshar karm</i>	50
7.	<i>Avchurnan</i>	16
8.	<i>Snehan-swedan in bhransh</i>	29
9.	<i>Pichu</i>	3006
10.	<i>Pottali</i>	45
	<b>Total :</b>	5195

During the period under report, normal deliveries and other surgical procedures conducted by the Department are as under:

Sl.No.	Procedure	Number of Karma
1.	Normal Deliveries	47
2.	LSCS	21
3.	Hystrectomy	8
4.	Cu-T Insertion/ Removal	26
5.	Others	47

**Publication:**

**(A) Articles Published in Journals/Magazines:**

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. K. Bharathi Professor Dr. B. Pushpalatha Associate Professor	Apamarga (A. aspera linn.) - A Review.	Acta Pharmakon International Peer Reviewed Journal Issue 2, Vol. (3) Apr-Jun 2017
2.	Dr. K. Bharathi Professor Dr. B. Pushpalatha Associate Professor	A Comparative Clinical Study of Nimbadi and Yastyadi Ointment on Episiotomy Wound w.s.r. to Wound Healing.	Ayushdhara International Peer Reviewed Journal Volume 4, Issue 3 May -June 2017
3.	Dr. K. Bharathi Professor Dr. B. Pushpalatha Associate Professor	Review of Research on Gynecological Cancers in Ayurveda- An Update.	Ayushdhara International Peer Reviewed Journal May -June 2017 Volume 4, Issue 3

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4.	Dr. K. Bharathi Professor Dr. Sushila Sharma Professor Dr. B. Pushpalatha Associate Professor	Management of Post Natal Breast Abscess through Ayurveda.	World Journal of Pharmaceutical Research October 5, 2017 Impact factor: 7.523
5.	Dr. K. Bharathi Professor	Research on Ayurveda drugs towards the drug development for Plasmodium Vivax malaria.	Ayushdhara International Peer Reviewed Journal Volume 4 (2) March - April 2017
6.	Dr. K. Bharathi Professor	Strivilāsa – An Ayurvedic Manuscript on Cosmetic Procedures of Females, Aphrodisiacs, Diseases and Medicines.	Indian Journal of History of Science 52.3 (2017) Peer Reviewed Journal
7.	Dr. Hetal H. Dave Assistant Professor (Co-author)	Management of Subfertility with PCOS through Ayurveda Treatment Regimen – A Case Study.	World Journal of Pharmaceutical Research Volume 6, Issue 5 ISSN 2277-7105, 2017
8.	Dr. Hetal H. Dave Assistant Professor (Co-author)	Clinical Evaluation of the Effect of Anuvasana- Basti (Matra Basti) and Pichu in Pregnancy on the Phenomenon of Labour.	Journal of Ayurveda Volume X – 4 Oct- Dec 2016 ISSN 2311-0435
9.	Dr. Hetal H. Dave Assistant Professor (Co-author)	Treatment of Female Infertility with Bala Taila Matra Basti – A Case Study.	World Journal of Pharmaceutical Research Volume 6, Issue 5 1330-1333 ISSN 2277-7105, 2017
10.	Dr. Sonu Verma Lecturer	Maintenance of Menopause through Ayurveda - A Conceptual Review.	WJPR Volume 6, Issue 12 September 2017 ISSN 2277-7105
11.	Dr. Sonu Verma Lecturer	A Case Study on the effect of Shashtikshali Pinda Wweda and Mahamasha Taila Nasya Karma in the Management of Kkanga vata with Mamsakshaya w.s.r. Demyelination of Nerve.	World Journal of Pharmacy and Pharmaceutical Sciences Volume 6, Issue 10 September 2017 ISSN: 2278-4357
12.	Dr. Sonu Verma Lecturer	A Case Study about the Effect of Panchatikta Ksheera Basti in the Management of Asthikshaya.	WJPR Volume 7, Special Issue 4 February 2018 ISSN: 2277-7105 Impact factor: 8.074, ICV: 90.8

**(B) Participation in Workshops/Seminars by Faculty Members:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. K. Bharathi	Brainstorming Workshop on Formulating Research Strategy for mother and child health in Ayurveda organized by Regional Ayurveda Research Institute for Mother and Child Health (CCRAS), Nagpur held on 22/4/2017.
2.	Dr. K. Bharathi Dr. Sushila Sharma Dr. B. Pushpalatha	Hindi Bhasha Workshop on Shashakiya Karyon Mein Hindi Bhasha Pryoga Mein Badhayein Evam Nirakaran organised on 14-12-2017 by National Institute of Ayurveda, Jaipur.
3.	Dr. K. Bharathi Dr. Sushila Sharma Dr. B. Pushpalatha Dr. Hetal H Dave Dr. Sonu Dr. Vijendra Kumar	CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company on 20-11- 2017.

4.	Dr. K. Bharathi	Participated as Invited Speaker in World Congress on Reproductive Health with Emphasis on Family Planning and Assisted Reproductive Technology organized by Maternal Health and Research Trust, Hyderabad, Indian Society for the Study of Reproduction and Fertility on 23-25 February 2018 and presented a scientific paper entitled Herbal-Herbo-Mineral Contraception - Discovering a Safe and Effective Alternative to Synthetic Hormones.
5.	Dr. K. Bharathi	Participated as Resource Person in National Workshop on Development of Standard Operating Procedures in Pre-conceptual and Pre-natal Care through Ayurveda organised on 19-20 February 2018 by All India Institute of Ayurveda, New Delhi.
6.	Dr. K. Bharathi Dr. Sushila Sharma Dr. B. Pushpalatha Dr. Hetal Dave Dr. Sonu Dr. Vijendra Kumar	CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company on 8 March 2018.
7.	Dr. K. Bharathi Dr. Sushila Sharma Dr. B. Pushpalatha Dr. Hetal Dave Dr. Sonu Dr. Vijendra Kumar	Attended National Workshop cum Training Program on Cancer - 2018 - Clinical Practice Based Cancer Therapy in Ayurveda in Current Scenario - organized by National Institute of Ayurveda, Jaipur on 17-18 January, 2018.
8.	Dr. Sushila Sharma Dr. B. Pushpalatha Dr. Hetal Dave Dr. Sonu Dr. Vijendra Kumar	Vaccination Training Workshop: 24-25 January, 2018 at National Institute of Ayurveda Jaipur.
9.	Dr. Sushila Sharma	Participated as Resource Person in Workshop on Maternal and Child Health organized by Shri Shirdi Saibaba Ayurvedic College and Hospital, Mundiagarh, Kishangarh, Renwal Jaipur held on 22-3-2018.
10.	Dr. B. Pushpalatha	International Conference on Ayurveda organised on 14-15 February 2018 by Dr. D.Y. Patil College of Ayurveda and Research Centre, Pimpri, Pune.
11.	Dr. K. Bharathi Dr. Sushila Sharma Dr. B. Pushpalatha Dr. Hetal Dave Dr. Sonu Dr. Vijendra Kumar	Participated in Symposium on Pain Management through Ayurveda organised by National Institute of Ayurveda, Jaipur on 12-1-2018.
12.	Dr. K. Bharathi Dr. B. Pushpalatha	Awareness Lectures delivered for Adolescent Girls and Women of Reproductive age group on PCOD (by Dr. K. Bharathi), on Dysmenorrhoea (by Dr. B. Pushpalatha), Associate Professor, at University Maharani College, Jaipur on 1-12-2017
13.	Dr. B. Pushpalatha	Charaka Chintana - Workshop on the Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda on 15-19 May 2017 at Jaipur.
14.	Dr. B. Pushpalatha	Delivered a Lecture on Normal Labor for Internees Orientation Workshop held on 11-4-2017.
15.	Dr. B. Pushpalatha	Delivered a Lecture on Management of Normal Labor for Internees Orientation Workshop held on 6-11-2017.
16.	Dr. Hetal H. Dave	Delivered a Lecture on the theme of Beti Bachao at NIA, Jaipur held on 17-11-2017
17.	Dr. Hetal H. Dave	Delivered a Lecture - Multi Speciality Ayurveda Training Programme for re-orientation of AYUSH Doctors at AYUSH Wing, Civil Hospital, Yamunanagar held on 29-30 November 2017.
18.	Dr. Hetal H. Dave	Delivered a Lecture on Infertility - Multi Speciality Ayurveda Training Programme for re-orientation of AYUSH Doctors at Panchkarma Centre, Subhash Colony, Ambalacant, Ambale, Hariyana held on 2-12-2017.
19.	Dr. Hetal H. Dave	Delivered a Lecture on Rules for intake of Food and Water at Rajkiya Uchcha Prathmik Vidyalaya, Kilangarh (Jhotwara Shahar), Jaipur held on 23-12-2017.

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20.	Dr. Hetal H. Dave	International AROGYA 2017- 1 <sup>st</sup> International Exhibition and Conference on AYUSH and Wellness held at Vigyan bhawan, New Delhi from 4-7 December 2017.
21.	Dr. Hetal H. Dave	Participated as Guest Faculty in 8 days Training Programme for Ayurvedic Medical Officers of Distt Mohindergarh in a Workshop on Panchkarma at Baba Khetanath Govt. Ayurvedic Hospital, Patikara, Narnaul held on 20-27 March 2018.
22.	Dr. Sonu Verma	Participated as Speaker in State Level Programme on Pain Management through Ayurveda organised by Department of AYUSH, Govt. of Haryana in Kurukshetra on 17-10-2017.

**Mobile Medical Camps:** Teachers of the Department were participated in the following Mobile Medical Camps organized by the Department in and around Jaipur City for health benefit of patients:

Sl.No.	Date	Title of Extension Lecture	Delivered by
1.	Dr. Hetal H. Dave	One Day Mobile Medical Camp organised at Govind Dev Mandir, Jaipur	23-5-2017
2.	Dr. Hetal H. Dave	One Day Mobile Medical Camp organised at Brahmapuri Amer Road, Jaipur.	14-10-2017
3.	Dr. B. Pushpalatha	One Day Mobile Medical Camp organised at Jai Singhpura Khor, Jaipur.	28-10-2017
4.	Dr. Sonu Verma	One Day Mobile Medical Camp organised at Baas Badanpura, Jaipur.	18-11-2017
5.	Dr. Vijendra Kumar	One Day Mobile Medical Camp organised at Eidgaah Delhi Bypass Road, Jaipur.	25-11-2017
6.	Dr. K. Bharathi Dr. B. Pushpalatha	One Day Mobile Medical Camp organised at University Maharani College, Jaipur.	01-12-2017
7.	Dr. B. Pushpalatha	One Day Mobile Medical Camp organised at Amer Village, Jaipur.	09-12-2017
8.	Dr. Hetal H Dave	One Day Mobile Medical Camp organised at Manbagh, Jaipur.	23-12-2017
9.	Dr. Hetal H Dave	One Day Mobile Medical Camp organised at Rajkiya Sindhi Balika Uchcha Madhyamika Vidyalaya, Sector-7, Near PNB Bank, Jawahar Nagar, Jaipur.	24-12-2017
10.	Dr. Vijendra Kumar	One Day Mobile Medical Camp organised at Jai Singhpuara Khor, Jaipur.	23-01-2018
11.	Dr. Sonu Verma	One Day Mobile Medical Camp organised at Amer Village, Jaipur.	27-01-2018
12.	Dr. B. Pushpalatha	One Day Mobile Medical Camp organised by the Dept. of Prasutitantra and Striroga at Amer Village, Jaipur.	10-02-2018
13.	Dr. Sonu Verma	One Day Mobile Medical Camp organised at Adityendra Park Sector-2, Mansarovar Kaveri Path, Jaipur.	31-01-2018
14.	Dr. Hetal H Dave	One Day Mobile Medical Camp organised at Jai Singhpuara Khor, Jaipur.	24-02-2018
15.	Dr. Sonu Verma	One Day Mobile Medical Camp organised at Amer Village, Jaipur.	10-03-2018
16.	Dr. Vijendra Kumar	One Day Mobile Medical Camp organised at Jai Singhpuara Khor, Jaipur.	24-03-2018

**Departmental Seminars:** The students of the Department actively participated in following Departmental Seminars and presented their research work before the staff and students. Keynote Lectures were also given.

Sl.No.	Topic	Held on
1.	Menopause	1-5-2017
2.	A Comparative Clinical Study of Nimbadi and Yastyadi Ointment on Episiotmy Wound w.s.r to Wound Healing.	3-5-2017

3.	A Comparative Clinical Study of Kutajastak-Ghan and Vasa-Ghan in the management of Asrigdar w.s.r. to D.U.B. (Dysfunctional Uterine Bleeding).	4-5-2017
4.	Clinical study to evaluate the role of "Kashmaryadi Ghrita" in vandhyatva w.s.r to Female Infertility.	4-5-2017
5.	A Comparative Clinical Study of Rajah Pravartini Vati" and "Trivritadi taila" Anuvasan basti on Kashtartav w.s.r. to Primary dysmenorrhea.	5-5-2017
6.	A Comparative Clinical Study of Kasisadi varti and Palashadi Varti in the management of Pichchhila Yoni w.s.r. to Abnormal Vaginal Discharge.	5-5-2017
7.	A comparative study of Madhukadi Lauham and Shatavari Mandura in Garbhini Pandu.	6-5-2017
8.	Uterine Fibroid	9-5-2017
9.	Pre Term Labour	13-5-2017
10.	Diagnosis of Pregnancy (Session-I)	22-5-2017
11.	Diagnosis of Pregnancy (Session-II)	27-5-2017
12.	Intra Uterine Growth Retardation	30-5-2017
13.	Physiological Changes During Pregnancy (Session-I)	3-6-2017
14.	Physiological Changes During Pregnancy (Session-II)	5-6-2017
15.	Physiological Changes During Pregnancy (Session-III)	12-6-2017
16.	Endometriosis	15-6-2017
17.	Pelvic Anatomy (Session-I)	16-6-2017
18.	Pelvic Anatomy (Session-II)	3-7-2017
19.	Routine Investigations during Pregnancy	11-7-2017
20.	Anaemia in Pregnancy	12-8-2017
21.	Antepartum Haemorrhage	18-8-2017
22.	Arigdar - A Case Presentation	19-8-2017
23.	Induction of Labour (Session-I)	21-8-2017
24.	Nashtartava-A case Presentation	26-8-2017
25.	Induction of Labour (Session-II)	29-8-2017
26.	Polycystic Ovarian Syndrome	19-9-2017
27.	Breast Abscess- A Case Presentation	23-9-2017
28.	Placenta and Umbilical Cord	7-10-2017
29.	Antepartum Haemorrhage - A Case Presentation	28-10-2017
30.	Puerperium- A Case Presentation	31-10-2017
31.	Rajonivratti	6-11-2017
32.	Comparative Clinical Study of Satpushpa Churna & Krishnadi Churna along with Dhatkyadi Taila Pichu in Paripluta Yonivyapada.	6-12-2017
33.	Dysmenorrhoea	12-12-2017
34.	Partograph	16-12-2017
35.	A Case Presentation (Discussion on B.O.H)	30-12-2017
36.	Abnormalities of Amniotic Fluid	1-1-2018
37.	Bicornuate Uterus with Haemetometra & Haematocolpos - Management- A Case Presentation.	6-1-2018
38.	A Randomised comparative clinical study to assess efficacy of Punarnava Mandura with Ashwagandha Avaleha and Shatavari Avaleha in Garbhini Pandu	19-1-2018
39.	A Randomized comparative clinical study of Bhumyamalaki churna and Madhuka ghrita matra basti in the management of Asrigdara vis-a-vis to Abnormal Uterine Bleeding	19-1-2018
40.	To evaluate the role of Virechan karma along with Kanchanara varuna ghan vati in Garbhashaya arbuda w.s.r to Uterine fibroid	20-1-2018
41.	A Randomized comparative clinical study of Lodhra churna with Krishna tila kwatha and Shatapushpa taila matra basti in the management of Artavakshaya w.s.r to Polycystic ovarian syndrome	29-1-2018
42.	A Randomized comparative clinical study to evaluate the effect of Dhataki pushpadi yoga & Baladi churna along with Ashwagandha ghrita in Female infertility	29-1-2018

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43.	A Randomized comparative clinical study of Kebuka taila and Bala taila Yoni Pichu along with Bala taila Matra Basti in Sukhprasava.	29-1-2018
44.	Threatened abortion- A Case presentation	3-2-2018
45.	Garbhapaat, Garbha-strava	6-2-2018
46.	Garbhawastha me nishedantmak bhava	21-2-2018
47.	Garbhini paricharya	27-2-2018

**(D) Seminars/Workshop attended by P.G./Ph.D. Scholars and Paper/Poster presented:**

Sl.No.	Author	Co-Author	Details of Workshop/Seminar	Paper Title Presented
1.	Dr. Laxmi Gupta P.G. Scholar	Dr. Sushila Sharma Professor	Ayushya-Amritam AAAICON-2017 16-17 April 2017	Rajaswala Paricharya - An Ayurvedic Management to prevent Menstrual Disorders.
2.	Dr. Meemansa P.G. Scholar	Dr. Sushila Sharma Professor	Arogyadham Chitrakoot 24-25 March 2018	Standardization of Herbal Medicine.

**(E) Article Published by P.G./Ph.D. Scholars:**

Sl.No.	Author	Details of Workshop/Seminar	Paper Title Presented
1.	Dr. Khushbu Jain	Artavakshaya with Hypothyroidism: A Case Study.	International Journal of Research in Ayurveda and Pharmacy 8(Suppl. 3), 2017
2.	Dr. Heena Mewara	Management of Post Natal Breast Abscess through Ayurveda - A Case Report.	World Journal of Pharmaceutical Research ISSN 2277-7105

**Other Activities:**

- Department has adopted two semi-urban areas namely Jaysinghpura khor and Amer to provide continuous Health Care Services in both Villages and conduction of regular medical camp once in a month and Department is planning to conduct the cervical cancer screening program in both this area.
- **Awareness Campaigns on Social Issues:** National Institute of Ayurveda has organized a Huge awareness campaign on 'Beti Bachavo- Beti Padhao' in association with DAP Awareness programme on 17<sup>th</sup> November 2017. This programme was carried out in National Institute of Ayurveda main Auditorium and Oath taking against the female infanticide was done with 307 of people.
- Department has initiated :
  - Garbha Sanskar Clinic: Specialty Clinic for the Comprehensive Care of Pre-conceptional and Pre-natal cases in Room no. 26/27 on every Wednesday.
  - Diagnostic Procedures – Colposcopy and HSG.
  - Therapeutic Procedures- Electric Cauterization, Yonidhupana and Agnikarma.

**Miscellaneous Activities:** The following miscellaneous activities were taken place in the Department:

Sl. No.	Name of Teachers	Activities
1.	Dr. K. Bharathi Professor	1. Participated as receiver of Nasyakarma in "Arambh" – 1 <sup>st</sup> Rashtriya Ayurveda Yuva Mahotsava on 15-9-2017 and Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy".  2. Participated as a Member of Jury for AYUR-NEXT Programme of 'Arambh'-1 <sup>st</sup> Rashtriya Ayurveda Yuva Mahotsava.



2.	Dr. Sushila Sharma Professor	<ol style="list-style-type: none"> <li>1. Delivered a lecture on “Matru-Shishu Swasthya Sanrakshan” for public health service on 7-8/9/2017 at Tonk, Rajasthan.</li> <li>2. As an expert of selection committee constituted for the selection of Associate professor in Prasuti Tantra and Streeroga interview, at Uttrakhand Ayurveda University on 22/02/2018.</li> </ol>
2.	Dr. B. Pushpalatha Associate Professor	<ol style="list-style-type: none"> <li>1. Delivered lecture as Invited Speaker on Indian Society for the Study of Reproduction and Fertility on 23-25 February 2018 organized by Maternal Health and Research Trust, Hyderabad.</li> <li>2. Participated as Nasya Recipient in Guinness World Book Record Attempt for “NASYA therapy” during 1<sup>st</sup> Rashtriya Ayurveda Yuva Mahotsava held at NIA, Jaipur on 15-9-2017.</li> </ol>
3.	Dr. Hetal H. Dave Assistant Professor	<ol style="list-style-type: none"> <li>1. Acted as Member of Institutional Scientific Advisory Committee of MS Regional Ayurveda Research Institute for Endocrine Disorders, Jaipur.</li> <li>2. Participated as receiver of Nasyakarma in “Arambh” - 1st Rashtriya Ayurveda Yuva Mahotsava on 15th Sptember 2017 a Guinness World Book Record Attempt for “Largest Number of People Receiving NASYA Therapy”.</li> <li>3. Delivered a Radio Talk on the Subject of Quality of Matri Stanya on 1-7 August 2017.</li> <li>4. Participated in several T.V Talk Shows on various Gynecological Disorders like - Dysmenorrhea, Infertility, Puberty Problem, Safe Motherhood, Safe Delivery etc. at Patrika T.V (Jaipur, Rajasthan).</li> <li>5. Delivered 7 Lectures in VAP Lecture Series organized by Vishva Ayurveda Parishad, NIA Branch, Jaipur on the subjects : <ul style="list-style-type: none"> <li>• Aparā Nirmanā According to Ayurveda(18-4-2017)</li> <li>• Abortion : Role of Ayurveda (19-5-2017)</li> <li>• Charak Samhita Sharira Sthana Adhyaya 8 (15-9-2017)</li> <li>• Yonivyapada (26-1-2018)</li> <li>• Charak Samhita Sharira Sthana Adhyaya 2 (2-3-2018)</li> <li>• Different Synonyms of Artava (9-3-2018)</li> <li>• Ekantena Garbham Abhinivartayati(6-4-2018)</li> </ul> </li> <li>6. Worked as Referee for: <ul style="list-style-type: none"> <li>• AYU (An International Quarterly Journal of Research in Ayurveda)</li> <li>• CCRAS, Journal, JRAS, New Delhi.</li> </ul> </li> <li>7. Conducted BAMS Examinations at MLR Ayurvedic College, Charkhi Dadri on 25 September 2016.</li> <li>8. Worked as Referee for AYU, an International Quarterly Journal of Research in Ayurveda of CCRAS, New Delhi.</li> <li>9. Acted as Hostel Warden for Girls Hostel.</li> <li>10. Acted as Member of Anti-Ragging Committee, Sports Committee, Foreign Students Cell Committee, Hostel Inspection Committee, and Prospectus Committee of the Institute.</li> </ol>
4.	Dr. Sonu	<ol style="list-style-type: none"> <li>1. Worked as Member of NSS.</li> <li>2. Worked as NAAC Coordinator.</li> </ol>

**Award:**

1. **Dr. Hetal H. Dave**, received Award entitled “Beti Shiksha Gaurav Samman” conferred by Kurja Foundation, Jaipur on 23-11-2017.
2. **Dr. B. Pushpalatha**, Associate Professor received an Award entitled “Utkrishta Sevavon Ke Liye Samman- 2018” from Vaidya Kanhayyalal Mishra Smriti Ayurveda Sansthan and Janahita Manch, Jaipur for providing services in the field of Prasutitantra and Striroga on 18-3-2018.



## DEPARTMENT OF RASA SHASTRA & BHAISHAJYA KALPANA

**Introduction:** The Department of Rasa Shastra & Bhaishajya Kalpana is imparting Nursing Diploma, Under Graduate, Post Graduate and Post-Doctoral Teaching, Training as well as Research in the subject of Rasa Shastra and Bhaishajya Kalpana on traditional and scientific lines.

There is a GMP Certified Pharmacy attached to this Department engaged in the preparation of Ayurvedic medicines by scriptural, traditional and scientific methods for catering OPD, IPD and Research purposes. The PG and Ph.D. scholars were also taught the methods of preparation of their medicine selected for the PG and Ph.D. Thesis work so as to get Practical and Research training.

During the year under report, 3 Professor, 2 Associate Professor, 1 Assistant Professor and 1 Lecturer with other supporting technical and non-technical staff were working in the Department.

### Achievements

#### Academic:

**Under-Graduate Level:** During the year, Department imparted theoretical as well as practical teaching, training to UG Students in the Subject of Rasa Shastra & Bhaishajya Kalpana. Practical studies of pharmaceutical procedures of different Ayurvedic medicaments such as *Vati, Churna, Kalka, Swarasa, Kashaya, Asava, Arishta, Avaleha, Arka, Loha, Mandoor, Bhasma, Pishti, Kuppipakva, Masi Kalpana, Guggulu, Lavana Kshar, Sneha Kalpanayan, Kanji, Shodhana and Marana* etc. has been conducted in the Departmental Laboratory and Pharmacy. In depth knowledge on Pharmacy and its system of work are being provided to Interns. Teachers of the Department also conducted classes for students of Diploma in Ayurveda Compounder/Nurse Training Course. An academic tour of 10 days duration was conducted to visit GMP certified Pharmacy to get knowledge on manufacturing of medicines and development of new formulations.

**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and research guidance were provided to M.D. Scholars on their research topics with reference to Special Formulations, Drug Standardization, Toxicological Studies and their efficacy in various diseases. Practical studies of pharmaceutical procedures of different Ayurvedic medicaments such as *Parad Samskar, Shodhan, Maran, Vati, Churna, Kalka, Swarasa, Hima, Kashaya, Asava, Arishta, Avaleha, Arka, Lauha, Mandoor, Bhasma, Kuppipakvakalpana, Guggulu, Lavana, Kshar, Sneha Kalpana, Kanji preparations*, etc. has been conducted in the Departmental Laboratory and Pharmacy. An academic tour of 10 days duration was conducted to visit GMP certified Pharmacy to get knowledge on manufacturing of medicines and development of new formulations.

**C) Ph.D. Level:** Teaching, training and guidance were provided to Ph.D. scholars on their research topics and subject concerned. The research aimed to standardize and sophisticate ancient pharmaceutical techniques and methods. To establish the pharmacological and therapeutics and also toxicity study of the preparations. The topics of the student were given some leads for standardization and as well as clinical safety and efficacy.

#### Research:

The aims of research are: (i) To standardize and validate ancient pharmaceutical techniques and methods in the light of existing modern technology. (ii) To establish the pharmacological and therapeutics and also toxicity study of the preparations. (iii) New Drug discovery and Critical analysis of literature.

During the year under Report, the following research works of MD(Ayurveda) Scholars were completed and awarded degree:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Parween Bano	Prof. K Shankar Rao Professor(SAG)	Pharmaceutico-Analytical, Anti-Microbial & Anti Pyretic study of Sheetamsu Rasa and its Modified Methods
2.	Dr. Kamal Rathor	Prof. K Shankar Rao Professor(SAG)	Physico-Chemical and Antimicrobial Study of Rasasindura prepared by various Bhavan Dravyas.

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3.	Dr. Amit Sharma	Dr.V. Nageshwar Rao Professor	Pharmaceutico Analytical and Antimicrobial Study of Panchamrita Rasa
4.	Dr. Ritesh Ramnani	Dr. V. Nageshwar Rao Profesor	Pharmaceutico Analytical and Antimicrobial study of Rasapushpadi Malhar and its Clinical effect on Vicharchika.
5.	Dr. Swetha S. Paul	Dr. P. Suresh Professor	Comparative Pharmaceutical, Analytical and Experimental Evaluation of some Arka Preparations.
6.	Dr. Wilson Rajoria	Dr. P. Suresh Professor	Pharmaceutico - Analytical and Clinical Study of Swasankusha Rasa.
7.	Dr. Lakhan Singh Bhilala	Dr. R. P. Sharma Associate Professor Mr. Naveen Garg	Comparative Pharmaceutical, Analytical and Anti-Microbial studies of Somaraji Taila and Somaraji Ghrita.
8.	Dr. Pralay Kr. Sahu	Dr. Moharpal Meena Assistant Professor	Pharmaceutico Analytical and Antimicrobial Study of Kasakutara Rasa.

During the year under Report, the following research works of MD(Ayurveda) Scholars were in progress and continued.

<b>Sl.No.</b>	<b>Scholar</b>	<b>Supervisor/ Co-Supervisor</b>	<b>Topic</b>
1.	Dr. Anksha Dixit	Prof. K Shankar Rao Professor	Studies on Panchagavya w.s.r. to Panchagavya Grita.
2.	Dr. Monika Swami	Prof. K Shankar Rao Professor	Standardization of Ayush Suwarna Bindu.
3.	Dr. Prasad Padekar	Dr. V. Nageswara Rao Professor	Pharmaceutico- Analytical and Antimicrobial study of <i>SarvangasundaraRasa</i> .
4.	Dr. Amit Meena	Dr. V. Nageswara Rao Professor	Pharmaceutico- Analytical study of <i>Dadhimadi Ghrita</i> w.s.r. to its Effect in Diabetes Mellitus.
5.	Dr. Suparna Saha	Dr. P. Suresh Professor	Pharmaceutical Analytical and Experimental Studies of Madhumehavinashini Vatika and Trivanga Bhasma on Streptozotocin induced Diabetes Mellitus in Albino Rats.
6.	Dr. Dharmendra Sharma	Dr. P. Suresh Professor	Pharmaceutico Analytical Studies of Amavatari Rasa and its Clinical Evaluation w.s.r to Aamvata.
7.	Dr. Om Prakash Panwar	Dr. Rajendra Prasad Sharma Associate Professor	Pharmaceutical Analytical and Experimental Studies of Indravati streptozotocin induced Diabetes Mellitus in Albino Rats.
8.	Dr. Karunanidhi Sharma	Dr. Sanjay Kumar Associate Professor	Pharmaceutical Analytical and Experimental Studies of Trivangabhasma and Madhumehari Extract On streptozotocin induced Diabetes Mellitus in Albino Rats.
9.	Dr. Dhanraj Bairwa	Dr. Moharpal Meena Assistant Professor	Pharmaceutico- Analytical and Antimicrobial Study of Panchavaktra Rasa and Tribhuvankirti Rasa.

During the year under Report, the following M.D. Scholars submitted their synopsis and continued their research works:

<b>Sl.No.</b>	<b>Scholar</b>	<b>Supervisor/ Co-Supervisor</b>	<b>Topic</b>
1.	Dr. Ruchika	Prof. K Shankar Rao Professor	Evaluation of Ayurvedic Cosmetic Cream & Face Wash Formulation w.s.r. Beautification - A Clinical Study.
2.	Dr. Vatsala Jain	Prof. K Shankar Rao Professor	Formulation and Evaluation of Ayurvedic Shampoo and Conditioner w.s.r. to Anti Dandruff Activity.
3.	Dr. Priyanka Verma	Dr. V. Nageswara Rao Professor	Pharmaceutico - Analytical and Clinical Study of Pittantak Yoga and Amlapittantak Choorna in Amlapitta.

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4.	Dr.Kulbhushan Sharma	Dr. V. NageswaraRao Professor	Pharmaceutico- Analytical and Antimicrobial Study of Bhagottar Gudika.
5.	Dr. Manish Kr. Saini	Dr P. Suresh Professor	Pharmaceutico- Analytical and Clinical Evaluation of Vanga Preparations in Diabetes Mellitus.
6.	Dr. Gajender	Dr P. Suresh Professor	Pharmacutico-Analytical and Experimental study of Shiladhatri Yog(Kalpit) in STZ Induced Diabetic Rats.
7.	Dr. Bhupendra Arya	Dr. Rajendra Prasad Sharma Associate Professor	Pharmacutico-Analytical and Experimental study of Swarnamakshika Yog In STZ Induced Diabetes Mellitus
8.	Dr. Kanchan Swami	Dr. Sanjay Kumar Associate Professor	A Comparative Pharmaceutico - Analytical and Clinical Study of Indra Vati and Vangeshwara Rasa in Madhumeha.
9.	Dr. Jagadeesh Gehlot	Dr. Mohar pal Meena Assistant Professor	Pharmaceutical –Analytical and Clinical Study of Vanarigutika in Different Dosage form w.s.r. to Vajikaran Effect.

During the year 2017-18, the following M.D. Scholars had submitted their Synopsis and their work is under progress:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Dimpal Sharma	Prof. K. Shankar Rao Professor Dr Sakhitha K. S. Lecturer	Characterization of Ras manikyara Ras (Kupi Method) w.s.r. to Manikyavarna Parad Bhasma.
2.	Dr Rajendra Barfa	Dr Sanjay Kumar Associate Professor Mr. Narender Kumar Kumawat Asst. Professor	Experimental Study of "Chausath Prahari Pippali" in PTU induced Hypothyroidism on Rats.
3.	Dr Ramhet Meena	Prof. V. Nageswara Rao Professor Dr Shobhnath Yadav Pharmacy Manager	A Comparative Study on Jwarahara Kashaya Churna and Ghana Vati" with special reference to its Antipyretic Effect.
4.	Dr Priyanka Bohra	Dr. Rajendra Prasad Sharma Associate Professor Dr. Sakhitha K. S. Lecturer	A Comparative Pharmaceutico - Analytical and antimicrobial study of Madhurantak Vati.
5.	Dr Amit Mishra	Prof. K. Shankar Rao Dr. Manish Deshmikh Dutta Meghe college, Wardha	Characterization and Experimental studies on Haragouri Rasa w.s.r. to "Mritani Lohani Rasi Bhavanti.
6.	Dr Vijay Shree Bharati	Prof. K. Shankar Rao Professor Dr. Sakhitha K. S. Lecturer	Pharmaceutical and Physico-Chemical Evaluation of Rasa Pottali w.s.r. to Standardization.
7.	Dr Gerik Jini	Prof. K. Shankar Rao Professor Sh. Subhash C. Yadav Phytochemist	Studies on Standardization of Kottamchukkadi Taila and its Modified Method.
8.	Dr Pooja Sharma	Prof. V. Nageswara Rao Professor Dr Shobhnath Yadav Pharmacy Manager	Pharmaceutico-analytical and antimicrobial study of Bhagottar Gutika w.s.r. to Babul Twak Kwath Bhavana.
9.	Devraj Kshetri	Dr Mohar Pal Meena Assistant Professor Sh. Subhash C. Yadav Phytochemist	Pharmaceutico-analytical and clinical study of Gandhaka Druti and its Cream in the Management of Vicharchika.

During the year under Report, the following research works of regular Ph.D. Scholars completed and submitted thesis:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Rohitaswa Yadav	Prof. K.Shankar Rao Professor	Pharmaceutico-Analytical Study of Dhatriyarista w.s.r. to its various Preparations.
2.	Dr. Sakhita K.S. Professor	Prof. K Shankar Rao Professor Prof. B.S .Prasad	Pharmaceutico Analytical, Anti Microbial and Experimental Evaluation of some Arsenic Preparations in Ayurveda.
3.	Dr. Ramakant Vyas	Dr. P. Suresh Professor	Thesis Completed.

During the year under Report, the following research works of regular Ph.D. Scholars were under progress:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Jagriti Sharma	Prof. K Shankar Rao Professor	A Comparative Study of Hargouri Rasa and Rasa Sindoor w.s.r. to its Pharmaceutico-Analytical and Toxicological Evaluation.
2.	Dr. Basant Kumar Sharma	Dr. V. NageswaraRao Professor	Pharmaceutical Standarisation of Kukutanda Twak Bhasma.

**Clinical:**

Clinical services were rendered to Indoor and Outdoor patients of the hospitals by this Department. Faculty Members of the Department were also participated in the Mobile Clinical Camps organized in SC and ST inhabited areas.

**(A) Articles Published in Journals/Magazines:**

Author's Name	Title	Publication Details
Prof. K. Shankar Rao Professor	1. Pharmaceutical and Analytical study of Mehakulanthaka Rasa.	Journal of Ayurveda, Vol. IX, No. 3 ISSN 2321-0435
	2. Purification of Shilajatu by Different Methods - An Analytical Review.	IJAHM ISSN 2249-5746
	3. Function of Indravati in the Management of Diabetes - An Analytical Classical Review.	IJAHM ISSN 2249-5746
	4. Concept Analysis on Importance of Shodhana in Rasashastra.	AAMJ ISSN 2395-4159
	5. Nanoscience and Rasoushadhi	Proceedings of National Seminar on Rasoushadhi
	6. Consequences of Bhavana in Ayurvedic Pharmaceutics - A conceptual Study.	IAMJ, 2017
	7. Importance of Shodhana Process in Rasashastra - A conceptual Study.	IAMJ, 2017
	8. Bhasma Pariksha, the Classical Parameters for the Standardization of Herbo-metallic Drugs - A Review.	Asian Journal of Pharmaceutical & Clinical Research, 2017
	9. Pharmaceutical Study of Bhrahmi ghritha by three different modified method.	IJAPC October 2017 Vol 7, Issue 3
	10. Purification of Shilajatu by Different Methods - An Analytical Review.	IJAHM Vol. 7 Issue 6 (Nov-Dec 2017)

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Dr. V. Nageshwara Rao Professor	1. An Analytical Study on Rasapushpadi Malhara.	AAMJ July 2017
	2. An Analytical Study on Panchamrita Rasa	AAMJ July 2017
	3. An Antimicrobial Study on Rasapushpadi Malhara.	AAMJ July 2017
	4. An Antimicrobial Study on Rasapushpadi Malhara.	AAMJ July 2017
Dr. P. Suresh Professor	1. Purification of Shilajatu by different methods - An Analytical Review.	IJAHM ISSN 2249-5746
	2. Function of Indravati in the Management of Diabetes - An Analytical Classical Review.	IJAHM ISSN 2249-5746
	3. A Study of Madhumehavinashini Vatika.	Journal of Ayurveda, Vol. IX, No. 2
	4. Pharmaceutical and Analytical Study of Mehakulanthaka Rasa.	Journal of Ayurveda Vol. IX, No. 3 ISSN 2321-0435
	5. Bhasma Pariksha, the Classical Parameters for the Standardization of Herbo-metallic Drugs - A Review.	Asian Journal of Pharmaceutical & Clinical Research
	6. A Concept Study of Shilajatu - An Important Drug in Ayurveda.	Ayur Pub.com Jan-Feb 2018 Vol 111, Issue 1
	7. Pharmaceutical Study of Bhrahmi Ghrita by three Different Modified Method.	IJAPC October 2017 Vol 7, Issue 3
Dr. Rajendra Prasad Sharma Associate Professor	1. Standardization and Pharmaceutical Study of Kushmand Khand prepared by Two Different Methods.	Punarnav April 2016 Volume - 4, Issue - 3
	2. Evaluation of Antibacterial Activity of Vyadhividhwansana Rasa.	Journal of Ayurveda ISSN 2321-0435 Vol.XI-2
	3. Purification of Shilajatu by Different Methods - An Analytical Review.	International journal of Ayurvedic and Herbal Medicine 7:6 (2017)
	4. Function of Indravati in the Management of Diabetes - An Analytical Classical Review.	International Journal of Ayurvedic and Herbal Medicine 7:6 (2017) ISSN -2249-5746
	5. A Concept Study of Shilajatu - An Important Drug in Ayurveda.	Ayur pub.com Jan-Feb 2018 Vol. 111, Issue 1.
Dr. Sanjay Kumar Associate Professor	Pharmaceutical Standardisation of Manjishthadi Tailam.	Journal of Ayurveda Issue - Vol. XI-3 July-Sep 2017.
Dr. MoharPal Meena Assistant Professor	Evaluation and Development of Rasashastra.	Journal of Ayurveda, Oct-Dec 2017
Dr. Sakhitha K. S. Lecturer	Pharmaceutical and Analytical Study of Mehakulanthaka Rasa.	Journal of Ayurveda Issue, Vol. XI-3 July-Sept., 2017

**(B) Publication by Scholars:**

<b>Author's Name</b>	<b>Title</b>	<b>Publication Details</b>
Dr. Jagruti	1. An analytical study on Rasapushpadi malhara	AAMJ, July 2017
	2. An analytical study on Panchamrita Rasa	AAMJ, July 2017
	3. Role of Ayurveda Medicine in Scrub Typhus	News Paper Article.

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Dr. Suparna	1. Purification of Shilajatu by different methods - An Analytical review.	IJAHM, ISSN 2249-5746
	2. Bhasma Pariksha, the classical parameters for the Standardization of Herbo-metallic Drugs - A Review.	Asian Journal of Pharmaceutical & Clinical Res.
	3. A Concept Study of Shilajatu - An Important Drug in Ayurveda.	Ayur pub.com Jan-Feb 2018 Vol. 111, Issue 1.
	4. Pharmaceutical Study of Bhrahmi ghrita by three different modified method	IJAPC October 2017 Vol 7, Issue 3
Dr.Om Prakash Panwar	Function of Indravati in the Management of Diabetes - An Analytical Classical Review.	International Journal of Ayurvedic and Herbal Medicine 7:6 (2017) ISSN -2249-5746
	A Concept Study of Shilajatu - An Important Drug in Ayurveda.	Ayur pub .com Jan-Feb 2018 Vol. 111, Issue 1.

**(C) Participation/Presentation in Workshops/Seminars:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Prof. K. Shankar Rao Professor	<ol style="list-style-type: none"> <li>Workshop on Awareness &amp; Popagation of EMR Scheme of Ministry of AYUSH, Govt. of India on 16-1-2017</li> <li>National Seminar on ISSRF, AIIMS, New Delhi held in January 2017</li> <li>National Seminar on Lead Toxicity: Issues, Significance and Challenges held in January 2017</li> <li>Attended National Seminar Traditional Medicine at SMS Medical College held in March 2017.</li> <li>Attended Rashtriya Rasa Karyashala held at Bilaspur.</li> <li>National Seminar on Pain Management Through Ayurveda "VEDANasthanam-2018" Held at M.M.M. Govt. Ayurved College, Udaipur From 17-21 February 2018.</li> <li>National Conference on Management of Nutritional Disorders - Challenges &amp; Scope held at Bhopal.</li> <li>CME organized by Shalya Tantra Department in 2018.</li> <li>National Workshop on Hindi organised by the Institute in 2017.</li> <li>24<sup>th</sup> ISCB-2018, International Conference - Frontier Research in Chemistry &amp; Biology Interface -2018, Manipal University, Jaipur.</li> <li>Workshop on DST Projects, NIF, Ahmedabad 2018</li> <li>Participated in Arogya Mela by AYUSH at Vizag held from 8.8.17 to 11.8.17.</li> </ol>
2.	Dr. V. Nageshwara Rao Professor	<ol style="list-style-type: none"> <li>Arogya Mela organised by Ministry of AYUSH at Indore from 7-10 March 2017.</li> <li>Arogya Mela by Ministry of AYUSH at Vizag from 8-11 August 2017.</li> <li>National Workshop cum Training on Cancer-2018 at N.I.A Jaipur from 17-18 January 2018.</li> <li>Participated in Charak Chintan - A Workshop on applied aspect of Charaka Samhita from 15-19 May 2017.</li> <li>Participated in CME on the Management of Arshas at NIA Jaipur on 20 November 2017.</li> <li>Guest Lecture on Orientation Workshop for Interns at NIA, Jaipur from 10-12 April 2017 and 6-8 November 2017.</li> </ol>
3.	Dr. P. Suresh Professor	<ol style="list-style-type: none"> <li>Charak Chintan - A Workshop on applied aspect of Charaka Samhita organised from 15-19 May 2017.</li> <li>CME on the Management of Arshas at NIA Jaipur organised on 20 November 2017.</li> </ol>

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4.	Dr.Rajendra Prasad Sharma Associate Professor	<ol style="list-style-type: none"> <li>1. Participated in "CHARAKA CHINTANA" - A Workshop On the applied aspects of Charaka Samhita organized by N.I.A. Jaipur from 15-19 May 2017.</li> <li>2. Participated as Trainee in National Workshop-Cum-Training Programme On CANCER-2018 (Clinical Practice Based Cancer Therapy in Ayurveda in Current Scenario) organized by NIA, Jaipur on 17-18 Jan.,2018.</li> <li>3. National Seminar on Pain Management through Ayurveda "Vedanasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 February, 2018.</li> <li>4. CME Programme on "The Management of Arshas/ Hemorrhoids" Organised by NIA, Jaipur on Nov. 20, 2017.</li> <li>5. CME Program on the management of Urolithiasis at NIA Jaipur on 8 March 2018</li> <li>6. One Day Mobile Medical Camp organised at Shri Madhopur Dist. Sikar dated 16 April 2017.</li> <li>7. One Day Mobile Camp organised at Bhankrota, Jaipur on 26 December 2017.</li> <li>8. One Day Mobile Camp organised at Ratangarh on 26 January 2018.</li> <li>10. One Day Mobile Camp organised at Mansarovar Jaipur on 1 February 2018.</li> </ol>
5.	Dr. Sanjay Kumar Associate Professor	<ol style="list-style-type: none"> <li>1. Workshop on the Applied Aspect of CharakSamhita, CHARAKA CHINTAN, National Institute of Ayurveda, Jaipur, 15-19 May 2017.</li> <li>2. Paper presented on title "Comparative Efficacy of Shodhana Karma and Shaman Karma in the Management of Ekakushtha w.s.r. to Psoriasis" in Rajasthan Conclave at Desert Medicine Research Centre, Jodhpur, 13-16 December, 2017.</li> <li>3. National Workshop cum Training Programme on Cancer-2018, National Institute of Ayurveda, Jaipur, 17-18, Jan 2018</li> <li>4. Guest Lecture delivered on topic "An Ayurvedic Approach in Prevention and Control of Madhumeha(Diabetes Mellitus) in Ayurved Parv on 16-18 March 2018 at Gyan Bhavan, Patna organized by All India Ayurvedic Congress, sponsored by Ministry of Ayush, New Delhi.</li> <li>5. Lecture delivered on topic "Precautions in uses of Rasaushadhis(Herbomineral Formulations)" organised by Vishwa Ayurved Parishad, NIA, Jaipur Branch at Ilmadri Bhawan, Jaipur on 30 March 2018.</li> </ol>
6.	Dr. Mohar Pal Meena Assistant Professor	<ol style="list-style-type: none"> <li>1. Charak Chintan - A Workshop on Applied Aspect of Charaka Samhita from 15-19 May 2017.</li> <li>2. 6 Day CME Program on Current Trends in Drug Development of AYUSH System at CSMRADDI, Chennai from 24-29 April 2017.</li> <li>3. Participated in 6 Day CME Program at Department of Rasashastra YMT Ayurvedic Medical College, Navi Mumbai from 15-20 January 2018.</li> <li>4. Paper presentation and Co-Chaired a Scientific Session of National Seminar - Vedanasthapanam 2018 at M.M.M Govt Ayurveda College, Udaipur.</li> </ol>
7.	Dr.Sakhitha K. S. Lecturer	<ol style="list-style-type: none"> <li>1. National workshop cum Training on Cancer-2018 organised at N.I.A Jaipur from 17-18 January 2018.</li> <li>2. CME Program on the Management of Arshas at NIA Jaipur on 20.11.2017.</li> </ol>

The PG and Ph.D Scholars of the Department have actively participated in the following national and International Seminar/Conferences/Workshops organized at different places in the country:

Sl. No.	Name of PG and Ph.D Scholar	Name of Topic /Details of Conferences/ Seminars/ Date
1.	Dr. Jagriti Sharma	Paper presentation at National seminar on " New Drug Entity and Ayurveda organized by DRI Chitrakoot,2017.



		<p>Presented a paper at National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" Held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb., 2018</p> <p>Presented a paper at Prabhodhini 2018 held at MAMC&amp;H, Meerut.</p> <p>Presented a paper at National conference on Management of Nutritional disorders-Challenges &amp; scope-Bhopal -2018</p> <p>National Seminar on Geriatric care through Ayurveda at MSMBPMV, Khanpur Kalan -December 2017.</p>
2.	Dr. Basant Kumar Sharma	<p>Paper presentation in National Seminar on Pain Management Through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 February, 2018.</p> <p>Paper presentation in National seminar on "New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
3.	Dr. Suparna Saha	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 February, 2018.</p> <p>Paper presentation in National seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
4.	Dr. Monika swami	<p>Paper presentation in National Seminar on Pain Management Through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb,2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
5.	Dr. Prasad Padekar	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb, 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
6.	Dr. Amit Meena	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb, 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
7.	Dr. DhanrajBairwa	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb, 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p> <p>Paper presentation in Prabhodhini 2018 held at MAMC&amp;H, Meerut.</p>
8.	Dr. Om Prakash Panwar	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb, 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
9.	Dr.Dharmendra Sharma	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur from 17-18 Feb. 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>

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10.	Dr. Akanksha Dixit	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
11.	Dr.Karunanidhi Sharma	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
12.	Dr. Bhupendra Arya	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
13.	Dr. Jagadeesh Gehlot	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
14.	Dr. Ruchika	<p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p> <p>Paper presentation in National Conference on Management of Nutritional Disorders - Challenges and Scope held at Bhopal in 2018.</p>
15.	Dr. Vatsala Jain	<p>Paper presentation in National Conference on Management of Nutritional Disorders - Challenges and Scope held at Bhopal in 2018.</p> <p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p> <p>Paper presentation in Prabhodhini 2018 held at MAMC&amp;H, Meerut.</p>
16.	Dr. Manish Kr. Saini	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
17.	Dr. Priyanka Verma	<p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p>
18.	Dr. Kanchan Swami	<p>Paper presentation in National Conference on Management of Nutritional Disorders - Challenges and Scope held at Bhopal in 2018.</p> <p>Paper presentation in National Seminar on Pain Management through Ayurved "VEDANasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.</p> <p>Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.</p> <p>Paper presentation in Prabhodhini 2018 held at MAMC&amp;H, Meerut.</p>

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19.	Dr.Kulbhushan Sharma	Paper presentation in National Seminar on Pain Management through Ayurved "VEDANAsthanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.  Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.
20.	Dr. Gajender	Paper presentation in National Seminar on Pain Management through Ayurved "VEDANAsthanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.  Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.
21.	Dr. Dimpal Sharma	Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.
22.	Dr. Rajendra Barfa	Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.  Paper presentation in Prabhodhini 2018 held at MAMC&H, Meerut.
23.	Dr. Priyanka Bohra	Paper presentation in National Seminar on Pain Management through Ayurved "VEDANAsthanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur From 17-18 Feb. 2018.  Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.
24.	Dr. Amit Mishra	Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.  Paper presentation in Prabhodhini 2018 held at MAMC&H, Meerut.
25.	Dr. Vijay Shree Bharati	Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.
26.	Dr. Pooja Sharma	Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.
27.	Dr. Devraj Kshetri	Paper presentation in National Seminar on New Drug Entity and Ayurveda organized by DRI Chitrakoot, 2017.

During the year the following officers were visited the Department.

Sl.No.	Name	Purpose of Visit
1.	Vaidya Rajesh Kotech Secretary Ministry of AYUSH	To inaugurate Sophisticated Laboratory and Model Drug Manufacturing Laboratory.
2.	Shri PN Ranjit Kumar Joint Secretary Ministry of AYUSH	To inaugurate Sophisticated Laboratory and Model Drug Manufacturing Laboratory.
3.	Prof. C.B. Jha Distinguished Professor Banaras Hindu University	Invited and delivered a Keynote Guest Lecture in the Department for benefit of scholars.

### Project undertaken by the Department:

**Mobile Medical Camp Unit:** Dr. Rajendra Prasad Sharma, Asst.Professor of the Department is working as In-Charge of Mobile Medical Camp Unit of the Institute. The Institute, through this Unit, is organizing Medical Camps to provide free medical facility through its Mobile Clinical Unit in SC and ST inhabited areas of various Districts of Rajasthan. Under this Scheme 102 various Medical Camps including 1 Day, 2 Days, 3 Days, 5 Days and 6 Days Camp organized in different Villages and Settlements in the SC and ST inhabited Districts of Rajasthan like Udaipur, Banswara, Dungarpur, Sirohi, Jalore, Barmer, Jaisalmer and Jaipur. Total 81,151 patients in this mobile medical camps have benefited by health checkup and free medication for fifteen days having cost Rs. 2,89,26,021/-.

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Medical Camps were also organized under the various programs run by the Govt. of India like Jan Suchana Abhiyan, Public Information Mission, Arogya Mela and DST, Health Mission to spread the awareness among the public.

**APC Drug Standardization Project:** APC Project work for Drug Standardization for Ayurvedic Formulations is on progress in the Department. Dr. P. Suresh Professor is working as In-Charge the Project. Under his supervision one Project i.e. Rasamanikya Rasa completed and the other one is under progress.

**Manufacturing & Standardization:** The M.D. Scholars are doing research on manufacturing drugs and development of new drugs apart from their thesis work. The work is in progress.

**AYUSH Arogyamela:** Dr. P. Suresh, Professor, working as a Incharge of Arogyamela of this institute. Under his supervision NIA stall has been displayed in 7 AYUSH Arogyamela at various places of India like Bengaluru Pune, Kolkata, Bikaner, Jaipur and Vizag, Indore etc. for creating public awareness about Ayurveda.

**Pharmacy Production-** One GMP pharmacy is attached with this Department catering the need of OPD/ IPD patients for free medicine and PG/ Ph.D thesis drugs. Dr. V. Nageshwar Rao, Professor is incharge of the Pharmacy. During the year 2017-18, total 293 formulations have prepared in this unit (total wt 48,427.015 kg) having total cost Rs. 2,04,78,079.00/-.

**Miscellaneous Activities:** The following miscellaneous activities were taken place in the Department:

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Prof. K. Shankar Rao Professor	<ol style="list-style-type: none"> <li>1. Conducted CCIM visitation of NIA</li> <li>2. Conducted CCIM Inspections, as Member of CCIM Team.</li> <li>3. Worked as Chairman of Pharmacy of the Institute.</li> <li>4. Working as public Grievances officer, NIA.</li> <li>5. Working as Chief Vigilance Officer for NIA.</li> <li>6. Worked as In-Charge of Departmental Educational Tour for PG Students.</li> <li>7. Attended NABH Training, at NIA.</li> </ol>
2.	Dr. Nageshwar Rao Professor	<ol style="list-style-type: none"> <li>1. Worked as In-charge of Pharmacy.</li> <li>2. Worked as In-Charge of Departmental Educational Tour</li> <li>3. for UG Students</li> <li>4. Member of Technical committee for purchasing of equipments for Dept and Pharmacy.</li> <li>5. Attended Arogya Mela as organized by the NIA</li> <li>6. Attended NABH Training, at NIA</li> </ol>
3.	Dr. P Suresh Professor	<ol style="list-style-type: none"> <li>1. Worked as In-Charge of Departmental Drug Testing Lab.</li> <li>2. Worked as In-Charge of Preparation of Medicines for P.G. Ph.D. Research aspects.</li> <li>3. Worked as Incharge, Arogyamela</li> <li>4. Worked as In-Charge of Information Technology Center.</li> <li>5. Worked as Nodal Officer for the Biometric Attendance.</li> <li>6. Worked as Member of Purchase Committee.</li> </ol>
4.	Dr. Rajendra Prasad Sharma Associate Professor	<ol style="list-style-type: none"> <li>1. Worked as In-Charge of Mobile Medical Camp Unit.</li> <li>2. Worked as In-Charge of Departmental Laboratory.</li> <li>3. Worked as In-Charge of Departmental Educational Tour for UG Students.</li> <li>4. Attended 4 one-day and six -day Mobile Medical camp</li> <li>5. Attended Arogya Mela as organized by the NIA</li> <li>6. Participated University Inspections</li> </ol>
5.	Dr. Sanjay Kumar Associate Professor	<ol style="list-style-type: none"> <li>1. Worked as Assistant RMO of City Hospital.</li> <li>2. Worked as In-Charge of Departmental Museum.</li> <li>3. Worked as Asst. In-Charge of Departmental Educational Tour for PG Students.</li> <li>4. Worked as Asst. In-Charge of Preparation of Medicines for P.G. Ph.D. Research aspects.</li> <li>5. Attended six-day Mobile Medical Camps of Rajasthan</li> </ol>

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		<ol style="list-style-type: none"><li>6. As a NSS programme officer conducted various activities like International Women's day, Swachh bharat abhiyan, pulse polio abhiyan and other awareness programme.</li><li>7. Organized One-Day Camp in Pain Management on Ayurved Diwas on Dhanwantri Diwas at Malviya Nagar, Jaipur.</li></ol>
6.	Dr.Moharpal Meena Asstt. Professor	<ol style="list-style-type: none"><li>1. Worked as In-Charge of Departmental Educational Tour for UG Students.</li><li>2. Worked as In-Charge of Departmental Library.</li><li>3. Attended one-day and six day Mobile Medical Camps.</li></ol>

- Joint Secretary, Ministry of AYUSH, Govt. of India visited the Museum and Pharmacy during their visit of the Institute.
- Departmental Seminars organized in the Department on every Wednesday and discussing various topics in the light of scientific science.
- Departmental Question Hour held on every Tuesday to discuss on various important quotations.
- Meetings of Departmental Journal's Club have been conducting in the Department every Saturday on various titles published in National and International Journals along with current knowledge on concerned science.
- Students and teachers of 10 Ayurvedic colleges from different part of country visited the Departmental Lab, Museum and Pharmacy as part of their Education Tour.
- Foreign delegates visited in the Department and Pharmacy.
- Department conducted two educational tours for UG and PG scholars.



## DEPARTMENT OF ROGA NIDANA AND VIKRITI VIGYANA

### Introduction:

The Department of Roga Nidana and Vikriti Vigyana was recognized as a Post-Graduate Department. Apart from undertaking teaching, research-training, research etc. both at UG and PG levels, this Department is also involved in conducting various laboratory diagnostic investigations, pathological tests, ECG, USG, X-ray etc. for patients care. The investigations are conducted for patient care as well as research purposes of all the Departments. A well-equipped Central Laboratory is attached with this Department for that particular purpose. The Department is also providing regular guidance to Ph.D. Scholars.

During the year under report, 2 Professors, 1 Associate Professor, 2 Assistant Professors and 1 Lecturer with other supporting technical and non-technical staff were working in the Department.

### Objectives:

1. To equip the world with best research scholar so that they enlighten the society with their ocean of knowledge in Ayurveda.
2. To render the Ayurvedic world with smart and early handling diagnostic tools and methods that they can use it for the benefit of the Science.

### Achievements

**Academic:** The Department intensively engaged in theoretical the practical training to the Under-Graduate students as well as Post-Graduate Scholars as per the syllabus and curriculum prescribed by the CCIM and Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University. The Department also developed many teaching methods to easy understand the students.

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Roga & Vikriti Vigyan were provided to students of BAMS as per Syllabus prescribed by the CCIM and the Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University.

**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the PG Subjects were provided to PG Scholars as per Syllabus of Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University. Research works were also conducted by the same.

**C) Ph.D. Level:** Teaching, training and guidance were given to Ph.D. scholars on their subjects as per rules and directions of Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University. Ph.D. scholars conduct the seminar and departmental classes in presence of teaching staff so that they improve their teaching skills. Research works were conducted.

### Research:

Research is aimed to establish the aetiopathological concept to various common ailments in today's era, reconfirming the diagnosis with the help of modern laboratory technique, to better understanding the mode to involvement of the pathological factors i.e. Dosa, Dushya and Srotas with the help of Upashaya (therapeutic test).

Scholars of the Department performed the following functions as a part of their training:

- Routine and Microscopic Examination of Urine and Stool
- Hematology
- Clinical Pathology
- Serology
- Biochemistry
- ECG & TMT

Along with these work PG Scholars are independently engrossed in Laboratory and they engaged with the theory and Practical classes conducted by the Consultant Pathologist.

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During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Archana	Dr. Pawankumar Godatwar Professor	A Randomized Upashatmaka Trial to Study the Role of Rasayana on Aging w.s.r. to Skin Health in Apparently Healthy Participants.
2.	Dr. Bandana	Dr. Surendra Kumar Sharma Professor	Role of Satva in Pathogenesis of Prameha Purvarupa w.s.r to Diabetes Mellitus and a Therapeutic Trial with Kutki Nisha Choorna and Satvavajaya.
3.	Dr. Mamta	Dr. Surendra Kumar Sharma Professor	Concept of Pathogenesis of Dhatvagni Vikar w.s.r to Hypothyroidism and Therapeutic Evaluation of Trikatu Choorna and Kanchanar Kwath.
4.	Dr. Mansha	Dr. Reetu Sharma Assistant Professor	An Experimental Study to Evaluate Antimicrobial Activity of Dhoopan Karma.
5.	Dr. Brijendra Godara	Dr. Pawankumar Godatwar Professor	Role of Ayurvedic Treatment Modalities in Mukhadushika w.s.r. to Acne Vulgaris - A Randomized Controlled Upashaytmaka Study.
6.	Dr. Shri Ram Saini	Dr. B.K. Sevetkar Associate Professor	An Epidemiological Study to find out the Relation between Male Sexual Function and Visual Acuity and Comparative Therapeutic Trial of Sukra janana and Chaksusya Drugs.
7.	Dr. Jeeta Ram	Dr. B. K. Sevatkar Associate Professor	Etiopathological Study of Dadru Kustha w.s.r to Mithya Ahara and Achara and its Management.
8.	Dr. Bilal	Dr. Pawankumar Godatwar Professor	Role of Prakriti as a Risk Factor in Medo Roga w.s.r to Dyslipidemia, A randomized Placebo Controlled Upashatmaka Trial Incorporating WHO Steps Approach.

During the year under Report, the following research works of MD(Ayurveda) Scholars were in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Subhash Chandra	Dr. S. K. Mandal Assistant Professor	A Clinical Study on the Role of Mulakadi Lepa and Gandhaka Malahar in the Management of Sidhma & Dadru w.s.r. to Fungal Dermatophytes.
2.	Dr. Chetan Singh	Dr. S. K. Sharma Professor	An Aetiopathological Study of Darunak w.s.r. to Seborrheic Dermatitis and Comparative Clinical Trial of Triphaladi Taila and Gunja Taila.
3.	Dr. Dharmendra Kumar	Dr. Pawankumar Godatwar Professor	An Etiopathological Study of Meda Sanchaya in Liver w.s.r to Non-Alcoholic Fatty Liver Disease (NAFLD) and Clinical Study of Triphala Guggulu and Punarnavashtak Kwatha.
4.	Dr. Julee Mathur	Dr. B. K. Sevetkar Associate Professor	An Epidemiological Study to ascertain the Psychological Factors in Agnidusti w.s.r. to Grahani Dosh And Clinical Trial of Chitrakadi Vati And Medhya Vati.
5.	Dr. Manraj Meena	Dr. S. K. Sharma Professor	Epidemiological Study to Evaluate the Aetiological Factors in Aamvata w.s.r. to Rheumatoid Arthritis and Upshayatamaka Trial with Vatari Guggulu and Amritadi Churna-
6.	Dr. Ritisha Verma	Dr. Pawankumar Godatwar Professor Dr. B.K. Sevatkar Associate Prof.	Nidanatmaka, Prayogik and Upshayatamaka Studies to Evaluate the Efficacy of Bilva Patra and Laghu Panchamoola.

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7.	Dr. Shyamveer	Dr. Pawankumar Godatwar Professor	A Nidanatmaka (Epidemiological) Study on Vyana Bala Vaishmya (Hypertension) and Upshayatmaka (RCT) Study to evaluate the Efficacy of Jatamansi Churna and Punarnava Churna.
8.	Dr. Devendra	Dr.S. K. Mandal	Etiopathological Study of Vipadika Kushtha and its Management with special reference to Raktadushti.
9.	Dr. Pradeep	Prof. S. K. Sharma Professor	Survey Study to assess the role of Sattva in the Pathogenesis of Grahani Dosha and Therapeutic Trial with Bramhi Vati and Takrarista.
10.	Dr. Balendra	Dr. Pawankumar Godatwar Professor	"Prakriti- A Risk Factor for MedoRoga (Adiposopathy): WHO STEPS based Nidanatmaka Study and Randomized Upashayatmaka (Clinical) Trial of TryushanadiGuggulu and NavakaGuggulu"
11.	Dr. Preeti	Dr. Reetu Sharma Assistant Prof.	A Pre-clinical Study to Evaluate Anti-microbial Activity of Dhoopan Karma of Certain Ayurvedic Drug
12.	Dr. Dharmendra	Dr. B. K. Sevetkar Associate Professor	"A Survey Study to Find out the Relation between Sleep and Amlapitta (Hyperacidity) and Therapeutic Trial of JatamansiPhanta, DhanyakaHima and Kamdugha Rasa"
13.	Dr. Rashmi	Prof. S. K. Sharma Professor	" A Cross Sectional Survey Study to Assess the Prevalence of Palitya (Premature Canities) in Youth w.s.r. to Prakriti and Upsayatmaka (Clinical) Comparative Trial of Haritakyadi Yoga Rasayana and PalitnasakaLepa"
14.	Dr. Pooja	Dr. Pawankumar Godatwar Professor	Development and Validation of Assessment criteria for agni and ama w.s.r to Pāṇḍu (Iron Deficiency Anaemia): A nidānātmaka and upaśayātmaka study"
15.	Dr. Parsuram	Dr. Pawankumar Godatwar Professor	"Nidānātmaka(Epidemiological) and Upaśayātmaka ( Randomized Clinical) Study to evaluate the efficacy and safety of AYUBES CAPSULE as add-on therapy to Oral Hypoglycemic Agent (OHA) in Madhumeha (Diabetes Mellitus Type -II)"

During the year under Report, the following MD(Ayurveda) Scholars were submitted synopsis for their research work:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Anshu Sharma	Prof. S.K. Sharma Professor	An Etiopathological Study of Impairment of Dhee, Dhriti, Smriti with special reference to Mild Cognitive Impairment and Therapeutic Evaluation of Kushmand Beeja Churna and Satavavajaya Chikitsa.
2.	Dr. Guru R.	Dr. Sisir Kumar Mandal Assistant Professor	Etiopathological Study of Sithapitta Udarda Kotha and Evaluation of Dosha Vikalpa with the Help of Upsayatmak Trial.
3.	Dr. Hari Shankar Meena	Prof. Pawankumar Godatwar Professor	Nidanatmaka (epidemiological) and Upashayatmaka (Clinical) Study to Kustha(Chronic Plaque Psoriasis)  Evaluate Efficacy and Safety of WEL/PSO-01 in Patients suffering from Kustha (Chronic Plaque Psoriasis).



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4.	Dr. Pallvi Dutta	Prof. Pawankumar Godatwar Professor	Nidanatmak (epidemiological) and Upashayatmaka (clinical) Study of Pandu Rog(anaemia). Effect of Capsule based supplementation of Parsley (Pteroselinum Crispum Mill.) and Chalomile (Matricaria Chamomilia L.) Leaves on Hematological Parametra of Girls.
5.	Dr. Ravi Kumar	Dr. Reetu Sharma Assistant Professor	A Study to evaluate the Effectiveness of Structure Teaching Programme in Patients of Janu Sandhigata Vata with special reference to Osteoarthritis along with Therapeutic Trial of Ashawagandha, Nagar Churna and Panchaguna Taila.
6.	Dr. Vijay Singh Yadav	Dr. B. K. Sevatkar Associate Professor	Etiopathological Study of Vyanga with special reference to Melasma and Therapeutic Trial of Kinshukadi Taila and Vatapatradi Lepa.
7.	Dr. Yadram	Prof. Surendra Kumar Sharma Professor	A Survey Study of Joint Pain to develop the Assessment Criteria of Agnidusthi in Amavata.
8.	Dr. Yogesh	Prof. Pawan Kumar Godatwar Professor	Nidanatmaka (epidemiological) and upashayatmaka (clinical) EVALUATION of Tamak swasa(Bronchial Asthma)  Evaluation of Efficacy and safety of Ayuasmo capsules in patients suffering from Tamak swasa(Bronchial Asthma)

During the year under Report, the following one research works of Ph.D.(Ayurveda) Scholars were in progress :

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr.Prasant Deshmukh	Prof. Pawan Kumar Godatwar Professor	Role of self efficacy in relation between overweight and depression in adolescence –A nidanatmaka study and a randomized Upashayatmaka trial of Ayurvedic drugs and rational emotive behavioral therapy.
2.	Dr.Rupashri Nath	Dr. S. K. Mandal Assistant Professor	Validation of modern laboratory techniques in diagnosis of diseases with special reference to Raktapradoşaja vikāra”
3.	Dr.Arif	Prof. S. K. Sharma Professor	Nidānātmaka study of Tamaka Śvāsa with special reference to Allergic Asthma and Upāśayātmaka trial of Śigru Bija Cūrṇa and Śirīṣādi Yoga
4.	Dr. Ashwathykutty	Prof. Pawankumar Godatwar Professor	Nidānātmaka (epidemiological) study of cancer with an ayurvedic perspective and in-vitro study of certain ayurvedic drugs for anti cancerous activity on human malignant cell lines.
5.	Dr.Manisha	Dr. B. K. Sevetkar Associate Professor	An Epidemiological study to identify Santarpana Hetu and to assess the Quality of Life in Patients of Madhumeha (Diabetes Mellitus) and Therapeutic Trial to Evaluate the Efficacy of Nyagrodhādi Vaṭī and Mehamudgara Vaṭī.

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### Extra Mural Research Project:

One Extra Mural Research Projects has been undertaken by the Department. The details of which are given below:

Sl. No.	Project Title	Associated Organization	Principal Investigator	Project Cost	Duration
1.	A Randomised, Multi-Center, Double-blind, Placebo-controlled, Prospective Clinical Study to Evaluate the Efficacy and Safety of AYUBES CAPSULE as an Add-on Therapy to Oral Hypoglycemic Agents (OHA) in Type-2 Diabetic Patients.	In association with IIMER, Mumbai	Dr. Pawankumar Godatwar	INR 3.00 Lakhs	15-5-2017 to 15-3-2018

### Clinical:

Diagnosis and treatment facilities were provided to patients in Indoor and as well as Outdoor of the hospitals by teachers, PG and Ph.D. Scholars of the Department. Services of 1 Consultant Pathologist and 1 Consultant Radiologist were made available on part time basis. The Department also provided facilities for Bio-Chemical and Serological Tests along with Pathological and X-Ray, USG, Doppler Study, TVS as per the requirements.

The following 3,80,397 Tests were conducted during the year:

1. Hematology	162452
2. Biochemistry	94511
3. Urine Culture	93560
4. Serology	22825
5. X-Ray	5153
6. E.C.G.	891
7. Culture and Sensitivity	333
8. Sputum	135
9. Spirometry	134
10. Sonography	232
11. Stool	120
12. Semen	51

### Weekly Seminars

Weekly Seminars were held on every Thursday, Friday and Saturday on topics with regard to Journal, Thesis and Clinical Case Presentation, respectively. The students of the Department actively participated and presented their research work in the Weekly Seminars before the teachers and students. Keynote Lectures were also delivered by the departmental teachers and outside eminent persons.

### Publication:

#### (A) Books

Sl.No.	Author's Name	Title	Publication Details
1.	Prof. Pawan Kumar Godatwar Professor	Ayurvedic Standard Treatment Guidelines.	A Document Prepared by Ministry of AYUSH Government of India 17th October, 2017 Dhanwantari Jayanti, Ayurveda Day.

#### (B) Chapters /Acknowledgements Contributed in Books

Sl.No.	Author's Name	Chapter	Book
1.	Dr. B.K. Sevatar Associate Professor	Rajyakshma Chikitsa aadhyaya	Chapter in scientific book- Online Caraka Samhita New Edition Project' by FHED India-

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2.	Dr. B.K. Sevatkar Associate Professor	Pryagyaparadha for Level 1 of E-Course.	Rashtriya Ayurveda Vidyapeeth
3.	Dr. B.K. Sevatkar Associate Professor	Laboratory Manual of Vikriti Vigyan for BAMS students.	Ayurveda sanskrita hindi pustak bhandar kishanpol bazaar –jaipur, Rajasthan, ISBN :978-81-98279-65-1
4.	Dr. B.K. Sevatkar Associate Professor	Vegavrodha	Chaukhamba vihwabharati Varanasi-221001, ISBN :978-93-81301
5.	Dr. B.K. Sevatkar Associate Professor	Tenfold elements of diagnosis	Ayurveda sanskrita hindi pustak bhandar kishanpol bazaar –jaipur, Rajasthan, ISBN :978-93-84276-15-7

**(C) Articles Published in Journals/Magazines:**

Sl. No.	Author's Name	Title	Publication Details
1.	Prof. Pawankumar Godatwar Professor	Therapeutic Study of Shilajeet in Vatik Prameha Upadrava (Diabetic Neuropathy).	Journal of Ayurveda Vo. XI, No.1, January-March 2017 ISSN 2321-0435
2.	Prof. Pawankumar Godatwar Professor	Adiponectin: A Potential biomarker in Madhumeha (Type 2 Diabetes Mellitus).	Journal of Ayurveda Vo. XI, No.3 July-September 2017 ISSN 2321-0435
3.	Prof. Pawankumar Godatwar Professor	Male Infertility Rate: A Retrospective Study	Urologia Volume: 85 issue: 1 Indexed in PubMed: MEDLINE Indexed in Emerging Sources Citation Index (ESCI))
4.	Dr. B.K. Sevatkar Associate Professor	A comparative clinical study of vidarikanda churna and kataka churna in the management of male sexual dysfunction and poor vision	World Journal of Pharmaceutical and Life Sciences 2017, Vol. 3, Issue 7 ISSN 2454-2229
5.	Dr. B.K. Sevatkar Associate Professor	Effect of āragvadhādi lepa in eczema (vicarcikā) – A Pilot Study.	World Journal of Pharmaceutical Research Vol 6, Issue 8, 2017
6.	Dr. B.K. Sevatkar Associate Professor	Role of incompatible diet and habit (mithyā āhāra and ācāra) in the formation of skin disease (kuṣṭha roga utpatti)	World Journal of Pharmaceutical and Life Sciences, 2017, Vol. 3, Issue 5, 181-184, ISSN 2454-2229
7.	Dr. B.K. Sevatkar Associate Professor	An epidemiological study to find out santarpanothta hetu in patients of madhumeha (diabetes mellitus) at jaipur and its periphery	International Journal of Research in Ayurveda and Pharmacy , 2017, Vol. 8, Issue 5, 185-190, ISSN (online) 2229-3566.
8.	Dr. B.K. Sevatkar Associate Professor	Adiponectin: A Potential biomarker in Madhumeha (Type 2 Diabetes Mellitus).	Journal of Ayurveda Vo. XI, No.3 July-September 2017 ISSN 2321-0435
9.	Dr. Sisir Kumar Mandal Assistant Professor	Role of Cakramarda Bija (Cassia Tora Linn) on Dadru Kushta : A Randomized Controlled Group Trial.	International Journal of Ayurveda and Pharma Research; Vol-5, Issue-6 ISSN: 2322 - 0910 (O) SJIF Impact Factor: 3.421
10.	Dr. Sisir Kumar Mandal Assistant Professor	A View on Classical Diagnostic Advance of Dadru Kushtha (Type Of Skin Disorder).	International Journal of Current Research ISSN: 0975-833X Vol. 9, Issue 10, October, 2017

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11.	Dr. Sisir Kumar Mandal Assistant Professor	Role of Incompatible Diet and Habit (mithyā āhāra and ācāra) in the Formation of Skin Disease (kustha Roga Utpatti).	WJPLS ISSN 2454-2229 2017, Vol. 3, Issue 5 SJIF Impact Factor: 4.223
12.	Dr. Sisir Kumar Mandal Assistant Professor	An Analytical Study of Different Clinical Presentation of Diabetes Mellitus: Ayurveda Perspective.	Journal of Scientific and Innovative Research ISSN 2320-4818 2017; 6(2)
13.	Dr. Sisir Kumar Mandal Assistant Professor	Classical Diagnostic Approach of the Disease Vyanga (A Type of Dermatological Disorder).	Journal of Scientific and Innovative Research 2017; ISSN 2320-4818
14.	Dr. Sisir Kumar Mandal Assistant Professor	Prakriti Analysis and its Clinical Significance.	International Journal of Ayurveda and Pharma Research ISSN: 2322-0910 (O) Vol-5, Issue-9 September 2017 SJIF Impact Factor: 3.421

### (B) Participation in Workshops/Seminars:

Sl.No.	Name of Faculty Member and Scholar	Workshop/Seminar
1.	Prof. Pawankumar Godatwar Professor	Participated in Charaka Chintan, a Workshop on the applied aspects of Charaka Samhita held at National Institute of Ayurveda on 15-19 May 2017.
2.	Prof. Pawankumar Godatwar Professor	Participated as Subject Expert in International Conference held at Amrita Institute of Medical Sciences, Kochi on 5-7 August 2017 and delivered a Keynote Address.
3.	Prof. Pawankumar Godatwar Professor	Participated as Resource Person in AYUSH Sponsored Ayurveda Parva held at Nagpur on 7-9 October 2017 and delivered a Keynote Address.
4.	Prof. Pawankumar Godatwar Professor	Participated as Chairman of Technical Committee for International AYUSH Conference (Sponsored by Ministry of AYUSH) at Dubai, UAE on 9-11 November 2017 and delivered a Keynote Address.
5.	Prof. Pawankumar Godatwar Professor	Participated as Resource Person in the Meeting of Committee on High Impact Research held by Ministry of AYUSH on 12 Dec., 2017.
6.	Dr. B.K. Sevatkar Associate Professor	2 Days Workshop-cum-Training Programme on Cancer organised by National Institute of Ayurveda, at Jaipur on 17- 18 January 2018.
7.	Dr. B.K. Sevatkar Associate Professor	1 Day Symposium on Pain Management through Ayurveda organised by Aushadhi pharmaceutical at National Institute of Ayurveda at Jaipur on 12 January 2018.
8.	Dr. B.K. Sevatkar Associate Professor	2 Days Workshop on Introduction to Research Methodology organised by National Institute of Ayurveda at Jaipur on 27- 28 November 2017.
9.	Dr. B.K. Sevatkar Associate Professor	1 Day Training Programme on Clinical Audit organised at Fortis Hospital, Amritsar Punjab by NABH on 12 November 2017.
10.	Dr. B.K. Sevatkar Associate Professor	3 Days Rashtriya Ayurveda Yuva Mahotsava organised by NASYA and National Institute of Ayurveda at Jaipur on 14 - 16 September 2017 organised.
11.	Dr. B.K. Sevatkar Associate Professor	1 Day Workshop on Bringing Objectivity to assessment variables for research in Ayurvedic Skin Care organised by Department of Roga and Vikriti Vigyan, National Institute of Ayurveda Jaipur on 7 July 2017.
12.	Dr. Sisir Kumar Mandal Assistant Professor	1 Day Workshop on Bringing Objectivity to assessment variables for research in Ayurvedic Skin Care organised by Department of Roga and Vikriti Vigyan, National Institute of Ayurveda Jaipur on 7 July 2017.
13.	Dr. Sisir Kumar Mandal Assistant Professor	2 Days Workshop on Introduction to Research Methodology organised by National Institute of Ayurveda at Jaipur on 27- 28 November 2017.

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14.	Dr. Sisir Kumar Mandal Assistant Professor	1 Day Symposium on Pain Management through Ayurveda organised by Aushadhi pharmaceutical at National Institute of Ayurveda at Jaipur on 12 January 2018.
15.	Dr. Sisir Kumar Mandal Assistant Professor	1 Day Symposium on Pain Management through Ayurveda organised by Aushadhi pharmaceutical at National Institute of Ayurveda at Jaipur on 12 January 2018.
16.	Dr. Sisir Kumar Mandal Assistant Professor	2 Days Workshop-cum-Training Programme on Cancer organised by National Institute of Ayurveda, at Jaipur on 17- 18 January 2018.
17.	Dr. Preeti Gavali Lecturer	Symposium on Pain management through Ayurveda held on 12th Jan 2018 at NIA, Jaipur.
18.	Dr. Preeti Gavali Lecturer	National Workshop cum Training Program on Cancer held on 17th & 18th Jan 2018 at NIA, Jaipur.
19.	Dr. Preeti Gavali Lecturer	Workshop on 'Prashashnik kaaryo mein Hindi Bhasha ke upyoga me aane wali Baadhayein evam unka Nirakaran' held in NIA, Jaipur.

### Lecture Delivered:

Sl.No.	Name of Faculty Member	Details
1.	Prof. Pawankumar Godatwar Professor	Delivered Keynote address in International Conference, Amrita Institute of Medical Sciences, Kochi held on 5-7 August 2017.
2.	Prof. Pawankumar Godatwar Professor	Delivered Keynote address in Ministry of AYUSH sponsored Ayurveda Parva, Nagpur, held on 7-9 October 2017.
3.	Prof. Pawankumar Godatwar Professor	Delivered Keynote address in International AYUSH Conference (Sponsored by Ministry. of AYUSH), Dubai, UAE, on 9-11 November 2017.
4.	Dr. Preeti Gavali Lecturer	Lecture to all the working staff of Laboratory and Hospital on the 'Basics of Laboratory' held on 26th October 2017 at NIA, Jaipur.

**Miscellaneous Activities:** The following miscellaneous activities were taken place in the Department:

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Pawankumar Godatwar Associate Professor	1. Editor of Peer Reviewed Journal - Journal of Ayurveda - of the Institute. 2. In-Charge of Central Laboratory of the Institute. 3. Member Secretary(IEC) of Institutional Ethics Committee of the Institute.
2.	Dr. Preeti Gavali Lecturer	1. Co -Incharge, Central Lab, NIA. 2. Member, Technical Committee of the Department.

**Award:** Prof. Pawan Kumar Godatwar, Professor received Bhashak Bhushan Award on the occasion of Ayurveda Parva, organised by Ayurveda Mahasammelan at Nagpur on 10. 11.2017



## DEPARTMENT OF SHALAKYA TANTRA

**Introduction:** The Shalaky Tantra is an important branch of Ayurveda dealing with the diseases situated above the clavicle concerned with the disorders of Ear, Nose, Throat, Eye, Dental, Head and Neck. The Department imparts Under Graduate and Post Graduate education along with hand to hand training in diagnosis, and treatment aspects along with Kriya Kalpa procedures. This department is also concerned with prevention of contagious diseases, Preventive and Promotional aspects of health, etc. in accordance with the syllabus and curriculum prescribed by the Central Council of Indian Medicine and as adopted by the Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University.

During the year 2017-2018, 1 Professors, 3 Assistant Professors and 1 Lecturer with other supporting technical and non-technical staff were working in this Department.

### Achievements

#### Academic:

**A) Under-Graduate Level:** During this year, theoretical as well as practical teaching, training and guidance in the subject of Shalaky Tantra were provided to students of BAMS.

**B) Post-Graduate Level:** During this year, theoretical as well as practical teaching and training with guidance in Shalaky Tantra subject was provided to PG Scholars. At present 5 students are pursuing PG in Netra (Ophthalmology), 7 students in Karna, Nasa, Shiro avum Mukha (ENT) and 6 in Common Shalaky in this department in the current year.

**C) Ph.D. Level :** 4 Scholars are persuing Ph.D. in the Department.

#### Research:

During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl. No.	Scholar	Supervisor	Topic
1.	Dr. K. G. Surangi	Dr. Shamsa Fiaz Professor	A Clinical Study on the Role of Navapatala Varti and Śrngaverādi Nasya in the Management of Kāca with Special Reference to Immature Cataract
2.	Dr. Indu Sharma	Dr. Shamsa Fiaz Professor	A Clinical Study on the Role of Bala Taila Nasya with or without Nasa Pichu in the Management of Nasa Pratinaha w.s.r. to Deviated Nasal Septum and Turbinate Hypertrophy
3.	Dr. Diptendu Kumar Dash	Dr. Aparna Sharma Assistant Professor	“Clinical Study on Badhirya with Dashamula taila and Trikatukadi Gutī w.s.r. to Sensorineural Hearing Loss (snhl)”
4.	Rakesh Bishnoi	Dr. Gulab Chand Pamnani Assistant Professor	A Clinical Evaluation of Erandadi Taila Nasya and Karnapurana and Sarshapa Taila Karnapurana in the Management of Karna nada w.s.r. to Tinnitus
5.	Dr. Abhishek Jain	Dr. Shamsa Fiaz Professor	A Clinical Study on the Efficacy of Timirhar Lauha and Baladi Ghrita Tarpana in the Management of Timira with special reference to Myopia.
6.	Dr. Nirma Bansal	Dr. Prabhakar Vardhan Assistant Professor	A Clinical Study to Evaluate the Efficacy of Shigru Pallava-Madhu Ashcyotana in Kaphaja Abhishyanda w.s.r. to Vernal Kerato Conjunctivitis

During the year under Report, the following research works of MD(Ayurveda) Scholars were continued details of which are given below:

Sl. No.	Scholar	Supervisor	Topic
1.	Dr. Pramendra Ahirwar	Dr. Shamsa Fiaz Professor	A Comparative Study on the Efficacy of Prachanna Karma with Madhukadi Lepa and only Madhukadi Lepa along with Bhringarajadi Rasayana in Indralupta w.s.r. to Alopecia.

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2.	Dr. Sangeeta Bala	Dr. Shamsa Fiaz Professor	A Clinical Study to Evaluate the Efficacy of Nasya and Karnabasti with Panchbhautika Taila along with Kapikacchu Vati in Vataja Badhirya w.s.r. to SensoriNeural Hearing Loss (SNHL)
3.	Dr. Isha Jain	Dr. Shamsa Fiaz Professor	A Comparative Clinical Study on the efficacy of Apamarga Kshara and Darvayadi Kwath with Yavagrajadi Vati in the Management of Tundikeri w.s.r. to Tonsillitis.
4.	Dr. Prem Lal	Dr. Gulab Pamnani Assistant Professor	A Randomized, Open Labelled, Comparative Clinical Study on Dhaturadi Taila and Nilotpaladi Lepa in the Management of Darunaka w.s.r. to Dandruff.
5.	Dr. Prahlad Siraunjiya	Dr. Prabhakar Vardhan Assistant Professor	A Prospective Randomized Comparative Placebo Controlled Clinical Study to evaluate the efficacy of Sarpikshodra Anjana in Sirotkata w.s.r. to Episcleritis.
6.	Dr. Ankita Sharma	Dr. Aparna Sharma Assistant Professor	A Prospective Randomized Comparative Clinical Study to evaluate the efficacy of Saindhavadi Lepa and Shunthyadi Pratisarana in the management of Klinnavartma w.s.r. to squamous Blepharitis.
7.	Dr. Mandvi Sharma	Dr. Shamsa Fiaz Professor	An Open Labelled Randomized Clinical Trial to Evaluate Asana Bilwadi Taila Shirobasti, Nasya And Karnapoorana in Karnakshweda with special reference to Tinnitus.
8.	Dr. Saroj Ahuja	Dr. Shamsa Fiaz Professor	A Prospective Randomized Comparative Clinical Study to Evaluate the Efficacy of Agnikarma and Pratisarana in Lagana w.s.r. to Chalazion.
9.	Dr. Firdos	Dr. Aparna Sharma Professor	A Randomised Clinical Study to Evaluate Nagaraadi Aschyotana in the Management of Kaphaja Abhishyanda w.s.r. Vernal Kerato Conjunctivitis.
10.	Dr. Meena Nagar	Dr Gulab Chand Pamnani	A Randomised Clinical Trial of Karnapichu with Gandhaka Taila, Karnadhupana and Rasnadi Guggulu in the Management of Karnasrava w.s.r. to Chronic Suppurative Otitis Media(C.S.O.M.).
11.	Dr. Kapil Meher	Dr Prabhakar Vardhan	A Randomized Double Blind Placebo Controlled Clinical Study on Saptamrita Lauha in the Management of Timira with special reference to Myopia.
12.	Dr. Raj Kumar Sharma	Dr Rajendra Kumar Soni	A Randomized Clinical Study to Evaluate Mahoushadha Anjana and Shamana Snehapana in the Management of Shushkakshipaka w.s.r. to Dry Eye Syndrome.

During the year under Report, the following research works of Ph.D. Scholars were continued details of which are given below:

<b>Sl. No.</b>	<b>Scholar</b>	<b>Supervisor</b>	<b>Topic</b>
1.	Dr. Nikita Baghel	Dr. Shamsa Fiaz Professor	Clinical Evaluation of the Role of Basti and Tarpana in the Management of Kaphaja Adhimanta w.s.r. to Primary Open Angle Glaucoma.
2.	Dr. Poonam Jakhar	Dr. Shamsa Fiaz Professor	Comparative Evaluation of Tarpana and Basti Karma in Management of Age Related Macular Degeneration( Non Exudative) w.s.r. to Vatik Timir.
3.	Dr. Prathibha	Dr. Shamsa Fiaz Professor	Ayurvedic Management of Retinal Hemorrhages with Vasakadi Basti and Ghana Vati.
4.	Dr. Vishwanath	Dr. Shamsa Fiaz Professor	Comparative Study of Virechana Karma and Basti Karma in Timir w.s.r. to Diabetic Macular Edema.

**Publication:**

**Articles Published in Journals/Magazines:**

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Shamsa Fiaz Professor	Conceptual Analysis of Diabetic Retinopathy in Ayurveda (2017).	Journal of Ayurveda and Integrative Medicine ISSN : 0975-9476, 0.555, SNIP
2.	Dr. Shamsa Fiaz Professor	Treatment of Chronic Serous Retinopathy by Tarpana Therapy: A Case Study.	IJRSR ISSN 0976-3031 Vol 8, Issue 1, January 2017
3.	Dr. Shamsa Fiaz Professor	Role of Tarpana with Mahatriphala Ghrita in Glaucomatous Optic Atrophy- A Case Study.	WJPR ISSN 2455-3301 2017, 3(2), Index -6.805
4.	Dr. Shamsa Fiaz Professor	Ocular Manifestations and Their Management in Diabetisc w.s.r. to Madhumeha.	World Journal of of Pharmaceutical Research ISSN : 2277-7105, Vol 6, Issue 4
5.	Dr. Shamsa Fiaz Professor	Natural Medicaments in Ophthalmology: Potent and Hidden For Ocular Disorders.	WJPR ISSN- 2278-7105, Vol 6 Issue 1, xxx-xxx, 2017 Index -6.805
6.	Dr. Shamsa Fiaz Professor	Role of Vasakadi Kwatha in Diabetic Retinal Haemorrhage.	IJCAR ISSN: 0: 2310-6505 Vol 6, Issue 1, January 2017
7.	Dr. Shamsa Fiaz Professor	Life Style Disorders in Relation to Shalakyta Tantra and its Management.	STM Journal of AYUSH ISSN : 2394-1944 Vol 6(2), 2017
8.	Dr. Shamsa Fiaz Professor	Role of Tarpana With Triphala ghrita in Myopia : A Case Study.	International Journal of Multi Disciplinary Research Information Vol. 2, Issue 2, 2017
9.	Dr. Shamsa Fiaz Professor	Treatment of Glaucomatous Optic Atrophy through Ayurveda.	British Journal of Pharmaceutical and Medical Research ISSN : 2456-9836, 4.3 Impact
10.	Dr. Shamsa Fiaz Professor	Understanding Diabetic Retinopathy : A Life Style Disorder, From Ayurvedic Perspective.	Word Journal Of Pharmacy And Pharmaceutical Sciences ISSN : 2278-4357 6.647, British Journal of Pharmaceutical and Medical Research, Vol. 6, Issue 2.
11.	Dr. Shamsa Fiaz Professor	Comparative Study between Anjana and Gritapana in the Management of Sushkaakshipaka (Dry Eye Syndrome).	Word Journal of Pharmacy and Pharmaceutical Sciences ISSN : 2277-7105, 7.523 Vol 6, Issue 2, 2017
12.	Dr. Shamsa Fiaz Professor	Effect of Ayurvedic Medicines in the Management of Varthma Sharkara with special reference to Conjunctival Concretions - Pilot Study.	Word Journal Of Pharmacy And Pharmaceutical Sciences ISSN 2350-0204 Vol.(6), Issue 1, 2017
13.	Dr. Shamsa Fiaz Professor	Clinical Study on Vibhitakadi Ghratapana and Haridradi Anjana in the Management of Sushkakshipaka (Dry Eye Syndrome).	World Journal of Pharmacy and Pharmaceutical Sciences ISSN 2350-0204 Vol.(6), Issue 1, 2017
14.	Dr. Aparna Sharma Assistant Professor	Role of Ayurvedic Management in Facial Paralysis : A Case Study.	STM Journals ISSN: 2394-7268 Vol. 4, Issue 2, 2017
15.	Dr. Aparna Sharma Assistant Professor	A clinical study in the management of Dantaveshta (Pyorrhoea) with Bakul Twak Powder and Kaishor Guggulu.	STM Journals ISSN: 2394-7268 Vol. 4, Issue 1, 2017



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16.	Dr. Aparna Sharma Assistant Professor	Efficacy of Panchkarma in Hypermelanosis from Chloroquine Side Effect : A Case Report.	STM Journals ISSN: 2394-7268 Vol. 4, Issue 1, 2017
17.	Dr. Aparna Sharma Assistant Professor	Shittapita (Urticaria) – A Case Series Showing Efficacy of Virechana Therapy.	STM Journals ISSN: 2394-7268 Vol. 4, Issue 2, 2017
18.	Dr. Aparna Sharma Assistant Professor	Efficacy of Panchkarma in a Patient of Myeloma : A Case Study.	STM Journals ISSN: 2394-7268 Vol. 4, Issue 2, 2017
19.	Dr. Aparna Sharma Assistant Professor	Efficacy of Virechana Procedure against Sheetapita(Urticaria ) – A Case Study.	STM Journals ISSN: 2394-7268 Vol. 4, Issue 1, 2017
20.	Dr. Aparna Sharma Assistant Professor	Management of Katishoola with Shodhana and Vaitarana Basti : A Case Study.	STM Journals ISSN: 2394-7268 Vol. 4, Issue 2, 2017
21.	Dr. Prabhakar Vardhan	An Ayurveda Approach in the Management of Giant Papillary Conjunctivitis - A Case Study.	World Journal of Pharmaceutical Research ISSN : 2277-7105 Vol. 6, Issue 6, 2018
22.	Dr. Prabhakar Vardhan	A Pilot Study on the Efficacy of Chandrodaya Varti in the Management of Arma.	International Ayurvedic Medical Journal ISSN : 2320-5091 Vol 6 ,Issue 1, January 2018

**(C) Participation in Workshops/Seminars:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Shamsa Fiaz Professor	Participated as a Resource person in National Workshop on To Establish and Standardize Research Protocols in Shalakyia Tantra held on 7- 9 July 2017 by Directorate, ISM&H, Gandhinagar, Gujarath in collaboration with The Associaton of Shalaki, India.
2.	Dr. Shamsa Fiaz Professor	Participated as Guest Speaker in an International Conference in Shalkya Tantra, Shalakyia Sandipini - 2017 - Conference on Recent Advances in Shalakyia Tantra which was held on 16-17 September 2017 at Gampaha Wikramarachi Ayurveda Institute of Kelaniya, Colombo, Sri Lanka and presented a Paper on Practical Utility and Scope of Dhoomapana in Nasal Disorders.
3.	Dr. Shamsa Fiaz Professor	Participated as Member of Judge Board of an International Conference in Shalkya Tantra, Shalakyia Sandipini - 2017 Conference on Recent Advances in Shalakyia Tantra held on 16-17 September 2017 at Gampaha Wikramarachi Ayurveda Institute of Kelaniya, Colombo, Sri Lanka.
4.	Dr. Shamsa Fiaz Professor	Participated and Chaired a Scientific Session related to Vision and Oro Care at Shalkya Sandipini 2017 Conference held on 16 September 2017 at Gampaha Wikramarachi Institute of Kelaniya, Colombo, Sri Lanka.
5.	Dr. Shamsa Fiaz Associate Professor	Participated in a Symposium on Pain Management held 12 January 2018 at NIA, Jaipur.
6.	Dr. Shamsa Fiaz Professor	Participated in National Workshop on Cancer held 17-18 January 2018 organized by NIA, Jaipur.
7.	Dr. Shamsa Fiaz Professor	Participated in Symposium on organised by the Departmetn of Shalya Tantra on the occasion of World Piles Day on 17 November 2017.
8.	Dr. Prabhakar Vardhan Assistant Professor	Participated in National Workshop on Cancer held 17-18 January 2018 organized by NIA, Jaipur.
9.	Dr. Prabhakar Vardhan Assistant Professor	Participated as Resource Person in National Workshop on Diabetic Retinopathy and Prameha ke Upadrava Shalakyia Tantra ke paripekshayme.

**Guest Lecture Delivered:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar	Title of Guest Lecture Delivered
1.	Dr. Shamsa Fiaz Professor	International Conference in Shalkya Tantra, Shalakyia Sandipini - 2017 Conference on Recent Advances in Shalakyia Tantra which was held from 16 -17 September 2017 at Gampaha Wikramarachi Ayurveda Institute of Kelaniya, Colombo, Sri Lanka.	Practical Utility and Scope of Dhoomapana in Nasal Disorders.

**Articles Published by Scholars in Journals/Magazines:**

Sl.No.	Scholar	Title	Publication Details
1.	Dr. Pratibha Upadhya	Natural Medicaments in Ophthalmology : Potent and Hidden Source for Ocular Disorders.	World Journal of Pharmaceutical Research ISSN NO. 2277-7105, Vol 6, Issue 1
2.	Dr. Pratibha Upadhya	Rationale of Tarpana Therapy as Emerging Innovation in Ophthalmology.	World Journal of Pharmaceutical Research ISSN NO. 2277-7105 Volume 5 , Issue 11
3.	Dr. Pratibha Upadhya	Management of Timir-Kacha-Linganash.	International Journal of Ayurveda and Pharma Research ISSN NO. 2322-0910
4.	Dr. Pratibha Upadhya	Role of Vasakadi Kwath in Diabetic Retinal Hemorrhages - A Case Study.	International Journal of Current Advance Research ISSN NO. 2319-6505 Volume 6, Issue 1
5.	Dr. Pratibha Upadhya	Understanding Diabetic Retinopathy : A Lifestyle Disorder from Ayurvedic Perspective.	World Journal of Pharmacy and Pharmaceutical Sciences ISSN NO 2278-4357 Volume 6, Issue 2
6.	Dr. Pratibha Upadhya Dr. Poonam Jakhar	Treatment of Chronic Serous Retinopathy by Tarpana Therapy – A Case Study.	International Journal of Recent Scientific Research ISSN No. 0976-3031
7.	Dr. Pratibha Upadhya	Role of Tarpana Ghrita in Myopia : A Case Study.	International Journal of Multidisciplinary Research and Information Vol. 2, Issue 2, Feb 2017
8.	Dr. Pratibha Upadhya	Treatment of Glaucomatous Optic Atrophy through Ayurveda	British Journal of Pharmaceutical and Medical Research Vol. 2, Issue 1, February 2017
9.	Dr. Pratibha Upadhya	Role of Triphaladi Parishek in Lid Concretion : A Case Study.	Global Journal of Medical Research ISSN No. 2249-4618
10.	Dr. Pratibha Upadhya	Role of Tarpana with Mahatriphala Ghrita in Glaucomatous Optic Atrophy : A Case Study.	World Journal of Pharmaceutical and Medical Research ISSN : 2455-3301 Volume 3, Issue 2, 2017
11.	Dr. Nikita Baghel	Comparative Study Between Anjana and Ghritapana in the management of Sushkakshipaka(Dry Eye Syndrome).	World Journal of Pharmaceutical Research ISSN : 2277-7105 Volume 6, Issue 2
12.	Dr. Nikita Baghel	Clinical Study on Vibhitakadi Ghritapana and Haridradi Anjana in the Management of Sushkakshipaka (Dry Eye Syndrome).	World Journal of Pharmacy and Pharmaceutical Sciences ISSN : 2278-4357 Volume 5, Issue 7

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**Participation in Seminars by Post Graduate and Ph D Scholars:** The Post-Graduate Scholars are motivated and trained to present their papers in various National and International conferences. They were participated in the following Seminars and presented their Papers:

Sl. No.	Scholar	Supervisor	Seminar	Title
1.	Dr. Pramendra Ahirwar	Dr. Shamsa Fiaz Professor	National Seminar held on 7 April 2018 at Merut (U.P).	Integrated Approach in the Management of Psychosomic Disorders.
2.	Dr. Prem Kumar Goud	Dr. Gulab Chand Pamnani Assistant Professor	National Seminar on Pain Management by Ayurveda held on 17-18 Februay 2018 at M.M.M Govt Ayurvedic College, Udaipur.	Ayurvedic Management of Karnashool w.s.r. to Otagia (Earache ) - A Case Report.
3.	Dr. Sangeeta Bala	Dr. Shamsa Fiaz Professor	National Seminar on Pain Management by Ayurveda held on 17-18 February 2018 at M.M.M Govt Ayurvedic College, Udaipur.	An Ayurvedic Approach in the Management of Ardhavbhedhak w.s.r. to Migraine.'
4.	Dr. Prem Kumar Goud	Dr. Gulab Chand Pamnani Assistant Professor	International Seminar on Multidisciplinary Approach to Non-Communicable Disease held on 6-7 April at Banaras Hindu University, Varanasi .	A Article Review on Ayurvedic Management of Anant Vata w.s.r. to Trigeminal Neuralgia.

The Department has the following functioning Units and Clinics:

### Clinical

Clinical services were rendered to Indoor and Outdoor patients of the hospital by this Department. Faculty Members of the Department also participated in the Mobile Clinical Camps organized in SC and ST inhabited areas.

**Eye Unit:** This Unit is providing diagnostic and therapeutic approach in treatment of Eye diseases like Refractive errors, Cataract, Computer Vision Syndrome, Conjunctivitis, retinal disorders. This unit is well equipped with Autorefractometer, Perimeter, Lensometer, Slit lamp, A Scan, 90 D Lens, Keratometer, Fundusoscopic Examination, etc. The treatment is based on ancient ocular therapeutics which includes specialized procedures like Akshitarpan, Putapaka, Aschyotana, Nasya, Shirodhara, Shiropichu, Shiroabhyanga, Vidalaka, Annalepana, Netra Parisheka pindi, Vidalaka, Avagundana, Lekhana, Chakshushya Basti, Agni Karma in various eye disorders including diseases like Diabetic Retinopathy, Glaucoma, Cataract, Macular Degeneration, Myopia etc. 11,678 Patients were examined and treated in Eye Unit of OPD.

**Eye Examination Unit:** In this unit various diagnostic tests are done like Refraction, Tonometry, Perimetry etc. In this year a total number of 11033 patients underwent Refraction.

**ENT Unit:** This Unit deals with the diagnosis and treatment of Ear, Nose and Throat diseases as well as head and neck disorders. This unit is well equipped with instruments like Otoscope, Audiometer, nasal endoscopes etc which are very important for diagnostic evaluation. The treatment is based on procedures like Nasya, Kavala, Gandusha, Siro Abhyanga, Shirodhara, Karna pichu, Karna pramarjana, Karnapura, Aural toilet, Ear syringing, Dhoomapana, etc. in treatment of diseases like headache, Sinusitis, Migraine, Trigeminal neuralgia, Hair fall, dandruff, Rhinitis, Deviated nasal septum, Nasal Allergies, deafness, CSOM, Tinnitus, Otagia, Ear Wax, Otomycosis, Tonsillitis, Pharyngitis, Mouth Ulcers, SMF etc. to the patients. This year a total of 13051 patients were examined and treated in ENT OPD.

**Dental Unit:** This unit provides diagnosis and treatment of diseases of dental origin like Dental caries, Pyorrhea, Gingivitis etc. Various procedures like Scaling of Tooth, Extraction of Tooth, RCT, Bleaching etc. are done on regular basis. This year a total of 6030 patients were examined and treated in Dental OPD.

**Kriyakalpa Unit:** This Unit is functioning very well and various Kriyas like Tarpan, Putpaka, Nasya, Netrapariseek, Shirodhara, Nasya, Kavala, Gandusha, Siro Abhyanga, Karna pichu, Karna pramarjana,

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Karnapurna, Aural toilet, Ear syringing, Dhoomapana, etc are performed for the benefit of patients. In this year 5356 patients were treated with various kriya kalpa procedures.

**Eye Exercise Unit:** This unit adopts various eye exercises for restoration of sight in various diseases like Refractive errors, glaucoma, RP, ARMD etc. Various Eye Exercises are demonstrated to patients for correction of improper vision. The eye exercises practiced are Eye Wash, Sunning, Palming, Ball Exercise, Candle Exercise, Bar swinging, Vapour and Cold Pad are being introduced for the benefit of patients. A total number of 5356 patients were trained in Eye exercise unit this year.

The Patients of OPD at various Units in the reported year is as follows:

Month	EYE	ENT	Dental	Refraction	Kriya Kalpa	Eye Exercise
April	894	1051	405	800	426	18
May	961	1218	509	1035	440	27
June	931	1195	475	876	398	33
July	1183	1073	504	928	449	42
August	1035	1089	552	924	494	52
September	1020	1034	425	831	878	19
October	1027	1041	567	1019	472	15
November	996	1154	544	1071	377	21
December	914	1115	479	830	319	7
January	977	1006	499	986	346	14
February	759	1028	447	891	361	10
March	981	1047	630	842	396	6
<b>Total</b>	<b>11678</b>	<b>13051</b>	<b>5819</b>	<b>11033</b>	<b>5356</b>	<b>264</b>
<b>Grand Total</b>	<b>47201</b>					

Number of various procedures done during the year is as follows:

Procedure	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Nasya	129	130	103	108	178	323	201	168	45	49	35	44
Akshitarpana	89	79	123	98	94	439	135	134	125	153	213	199
Parisheka	60	70	46	73	141	154	55	61	49	87	63	89
Karnapurna	35	38	18	35	31	65	27	14	30	16	10	18
Dhumpana	-	-	-	-	2	5	1	-	12	-	7	-
Shiro Pichu	17	20	19	29	4	34	12	6	15	17	25	23
Pindi	23	26	-	5	22	23	13	-	7	13	3	14
Gandusha	-	-	1	-	3	-	-	-	5	3	-	2
Pratisarana	-	-	-	-	-	2	-	1	10	-	1	1
Shirodhara	42	41	39	7	1	37	-	-	-	-	-	-
Karna Pichu	9	11	7	7	7	5	-	2	3	4	4	3
Prachanna	13	9	37	27	11	17	12	5	-	3	-	2
Nasa Pichu	1	5	-	2	15	5	5	3	8	-	-	-
Karna Basti	-	-	-	-	2	5	1	2	-	-	-	-
Aschotan	4	6	1	2	2	-	5	-	-	-	-	-
Avagundan	4	-	1	1	6	-	-	-	-	-	-	-
Eye Massage	2	2	2	-	23	-	-	-	-	-	-	-
Putapak	4	3	1	2	2	-	5	-	-	1	-	1
Jaloka	-	-	-	-	-	2	-	-	-	-	-	-
Total	129	130	103	108	178	323	201	168	45	49	35	44
<b>Total</b>	<b>426</b>	<b>440</b>	<b>398</b>	<b>449</b>	<b>494</b>	<b>878</b>	<b>472</b>	<b>377</b>	<b>319</b>	<b>346</b>	<b>361</b>	<b>396</b>
<b>Grand Total</b>	<b>5356</b>											

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Teachers and scholars of the Department also participated in the Mobile Clinical Camps organized by the Institute in SC/ST inhabited areas of different Districts of the State of Rajasthan, details of which are given below:

Sl.No.	Name of Doctors	Place of Camps	Date
1.	Dr. Shamsa Fiaz Professor	3 Day Medical Camp on Pain Management through Ayurved organized by the Institute in the Campus.	14-16 Oct. 2017
		One Week Medical Camp on Painless Tooth Extraction through Jalandhar Bandha organised by the Department.	7-14 March 2018
		One Day Free ENT Echeck up Camp for students of Blind School, Rajasthan Netrahina Kalyan Sangh, Jaipur.	21 Feb. 2018
2.	Dr. Gulab Pamnani Assistant Professor	One Day Medical Camps organised at Government Senior Secondary Girls School, Jawahar Nagar and Hansvihar Mandir, Maansarovar	--
2.	Dr. Kapil Meher Dr. Firdos Scholars	6-Day Medical Camp organised at Village - Jamvaaramgarh, Jaipur.	12-17 March 2018
3.	Dr. Saroj Dr. Mandvi Scholars	6-Day Medical Camp organised at Village - Amer, Jaipur.	5-10 March 2018
4.	Dr. Prem Kumar Goud Dr. Prehlad Siraunjiya Scholars	6-Day Medical Camp organised in District Doongarpur.	24-29 July 2017
5.	Dr. Pramendra Ahirwar Dr. Prem Kumar Goud Scholars	6-Day Medical Camp organised in District Jaisalmer.	18/09/2017 to 23/09/2017 at Jaisalmer
6.	Dr. Pramendra Ahirwar Scholars	6-Day Medical Camp organised in District Banswara.	30/10/2017 to 04/11/2017 at Banswara.
7.	Dr. Pramendra Ahirwar Dr. Prem Kumar Goud Dr. Isha Jain Dr. Sangeeta Bala Dr. Saroj Ahuja Scholars	1-Day Medical Camp organised at at Rajasthan Netraheen Kalyaan Sangh Senior Secondary School, Jaipur.	21 February 2018

### Television Talks:

- Dr. Shamsa Fiaz, Professor delivered a TV Talk on Dental Health in Ayurveda in Hello Doctor Program on Rajasthan Patrika Cahnnel aired on August 2017.
- Dr. Shamsa Fiaz, Professor delivered a TV Talk on Pain Management through Ayurveda in Hello Doctor Program on Rajasthan Patrika Cahnnel aired in August 2017.
- Documentary on Shalakya Department on DD Rajasthan Channel aired on Nov 2017.
- Celebrated World Sight Day on 12 October 2017 by organizing Screening Camp for Retinal Disorders with latest diagnostic equipments like OCT, Slit lamp, NCT etc.

Dr. Shamsa Fiaz, Professor received Sir Sayad Khan Award in November 2017 for Medical Services to the community by KMC Trust, Jaipur.

- Dr. K. J. Surangi, PG Scholar was awarded with First Price in September 2017 for her paper presentation on Kacha in 3<sup>rd</sup> International Conference in Shalakyta Tantra; Shalakyta Sandipani held at Colombu, Srilanka.

**Miscellaneous Activities:** The following miscellaneous activities were taken place in the Department:

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Shamsa Fiaz Professor	<ol style="list-style-type: none"> <li>1. Appointed as Vice President of the Association of Shalaki (TAS), India - An Association of Ophthalmology, Otorhinolaryngeology and Dentistry.</li> <li>2. Appointed as Member of Board of Studies for Dr. S.R. Rajasthan Ayurved University, Jodhpur.</li> <li>3. Conducted Examinations as External Examiner at Rajiv Gandhi University of Health Sciences, Bangalore.</li> <li>4. Worked as Paper Setter for various Universities.</li> </ol>
2.	Dr. Gulab Chand Pamnani Assistant Professor	<p>Worked as:</p> <ol style="list-style-type: none"> <li>1. Co-ordinator, FMS Committee, NABH, NIA.</li> <li>2. Member Secretary, Infrastructure and Resource Management Committee, NAAC, NIA.</li> <li>3. Secretary, Sports Committee, NIA</li> <li>4. In-Charge Estate, ENT Unit, OT Eye, Internees NIA</li> <li>5. Member, Committee for Deemed University</li> <li>6. Paper Setter for GPSC, Gandhinagar, Uttarakhand Ayurved University, Dehradun and Univeristy of Delhi.</li> <li>7. Appointed as External Examiner for Uttarakhand Ayurved University, Dehradun.</li> <li>8. Worked as Evaluator for DSR Rajasthan Ayurved University, Jodhpur and Thesis Evaluator for Banaras Hindu University, Banaras.</li> </ol>
3.	Dr. Prabhakar Vardhan Assistant Professor	<ol style="list-style-type: none"> <li>1. Worked as Examiner and conducted Practical Examination at Bharti Bal Mandir Samiti Ayurved Nurse/Compounder Training Institute, Jaipur.</li> </ol>
4.	Dr. Rajendra Soni Lecturer	<p>Worked as:</p> <ol style="list-style-type: none"> <li>1. Coordinator of NAAC Core Committee</li> <li>2. Member of E-Library Committee</li> <li>3. Member of CGHS Committee</li> <li>4. Member of RAYM 2017 and Sports - TARANG - 2018</li> <li>5. Member of Committee on Revised Proforma for IPD Casesheet.</li> <li>6. External Examiner for Haryana University.</li> </ol>



## DEPARTMENT OF SHALYA TANTRA

### Introduction:

The Shalya Tantra Department is an important branch in National Institute of Ayurveda. The teaching faculties of the department are expert in various Surgical and Parasurgical procedures. In the field of Ayurveda, Shalya Tantra department is developing a new research based tradition by conducting new works in the favour of public welfare. This department has its own OPD (General Shalya, Anorectal & Orthopedic), IPD, Minor Operation theatre (Sastru Karma, Kshara Karma, Kshara Sutra, Agnikarma & Raktamokshana Units) and Major Operation theatre. The Department imparts Under Graduate, DAN & P, Post Graduate and Ph.D education along with hand to hand surgical training. The CCTV facility of OT light with Camera is available in Major Operation theatre and connecting with the class room for live demonstrations of various surgical procedures by the students along with interaction.

Post-graduate Department of Shalya Tantra is dealing with surgical aspects of the system through imparting quality patient care, teaching, training and various research activities concerning surgery. Specialized treatment is provided for Arsha and Bhagandara with Kshara Karma and Kshara Sutra therapy, Gridhrasi, Sandhivata, Kadara, Vatakantaka, Charmakeela, Avabahuka, Tennis Elbow etc. by Agnikarma, Raktamokshana, Marma Chikitsa and Shalya Karma therapies. The Department also provides treatment for chronic non healing ulcers, perihilar vascular disorders by Jalaukavacharana method. This Department also undertakes treatment of Bhagna, Mutra Ashmari (Urinary Calculi), Undukapuccha Shotha (Appendicitis), Pittashaya Shotha (Cholecystitis), Pittashaya Ashmari (Cholelithiasis), Vriddhi roga (Hydrocele, Hernia etc.) and other general surgical disorders. The Department is having 6 Ph.D Scholars and 21 PG Scholars.

Shalya department has its own well equipped operation theatre where all the surgical procedures like Appendectomy, Cholecystectomy, Hernial repairs, Mastectomy, Thyroidectomy etc. are done under sterile environment under proper Anesthesia. All the patients are given proper treatment under outdoor and indoor patient department. The department has separate OPD units for Surgical, Anorectal and Orthopedic diseases. Our both OPD's in National Institute of Ayurveda and SSBH carried out various camps regarding Ayurvedic surgery.

Special techniques of Parasurgical procedures like Kshara Karma, Kshara Sutra, Agnikarma, Raktamokshana, Jalaukavacharana, Siravyadhana etc have been adopted to treat many sufferers. Various research projects on these topics are going on till date under Shalya Department. The General Surgeon and Anesthetist are delivering guest lectures and training the BAMS students, PG and Ph.D Scholars.

The Department is well equipped with all surgical specimens, models, teaching materials, CD's, surgical photos and charts. The department has its own library with nearly 1000 books. The department has a computer, printer, digital camera, LCD projector etc.

During the year under report, 2 Professor, 1 Associate Professor, 2 Assistant Professors and 1 Lecturer with other supporting technical and non-technical staff were working in this department.

Presently 21 post graduate students and 4 Ph.D Scholars are studying in Shalya department on regular basis.

### Achievements

#### Academic:

**(A) Diploma in AYUSH Nursing & Pharmacy:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Shalya Tantra were provided to Ayurvedic nursing students. They are guided in OPDs, IPDs & OT according to guidelines provided by Dr. S.R. Rajasthan Ayurved University, Jodhpur.

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Shalya Tantra were provided to students of BAMS. Students are learnt the surgical procedures inside the Operation Theatre.

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**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the Shalya Tantra subject were provided to PG Scholars. Scholars are learnt the surgical procedures inside the Operation Theatre. Research works were conducted.

**C) Ph.D Level:** Teaching, training and guidance were given to Ph.D scholars on their subjects as per rules and directions of Dr. S.R. Rajasthan Ayurved University. Scholars are learnt the surgical procedures inside the Operation Theatre. Research works were conducted.

### Research:

During the year under report, the following research works of MS (Ayurveda) Scholars were completed:

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Nimba Ram Choudhary	Dr. P. Hemantha Kumar Professor	A Comparative Clinical Study on Sclerotherapy and Apamarga Pratisarneeeya Teekshna Kshara in the Management of Ardra Arshas w.s.r. to First and Second Degree Internal Haemorrhoids.
2.	Dr. Shaheen Ahmad	Dr. P. Hemantha Kumar Professor	A Clinical Study on the Efficacy of Vibhitaka Ksharasutra in the Management of Bhagandara (Fistula-in-ano).
3.	Dr. Durga Katarmal	Dr. P. Hemantha Kumar Professor Dr. Narinder Singh Assistant Professor	A study on the Efficacy of Guggulu and Sallaki along with Haridra and Guduchi kasaya in Krostukasirsa w.s.r. to Non-specific Knee Effusion.
4.	Dr. Priyanka Sahu	Dr. P. Hemantha Kumar Professor Dr. Swaraj Meharwal	A Comparative Clinical Study of Apamarga Pratisarneeeya Teekshana Kshara Karma and Thiersch's Procedure in the Management of Gudabhramsha w.s.r. to Partial Rectal Prolapse
5.	Dr. Rakesh Kumar Rathor	Dr. Ashok Kumar Assistant Professor Mr. Gourav Bilwal	An Experimental Study to assess the Anti-inflammatory and Analgesic Properties of Nirgundi Extract.
6.	Dr. Lokendra Pahadiya	Dr. B. Swapna Assistant Professor Dr. Swaraj Meharwal	A Randomized Controlled Study to evaluate the effect of Bhallatakadilepa in Charmakeela w.s.r. to Cutaneous Warts
7.	Dr. Laxmi Saini	Dr. Narinder Singh Assistant Professor	A Clinical Study on Mustadi-upnaha and Therapeutic Eccentric Exercise in the Management of Snayu-vikar W.S.R. to Tennis Elbow.

During the year under report, the following research works of MS (Ayurveda) Scholars were in progress and continued:

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Vinod kumar	Dr. P. Hemantha Kumar Professor	A Clinical Study of Apamarga Pratisaraneeya Kshara in the Management of Bhagandara W.S.R. to Low Anal Fistula.
2.	Dr. Ram Prasad Sinha	Dr. P. Hemantha Kumar Professor	A Comparative Clinical Study on Nimba Pratisaraneeya Kshara and Apamarga Pratisaraneeya Kshara in the Management of Ardra Arsha (Internal Haemorrhoids).
3.	Dr. Vinod Kumar Garg	Dr. P. Hemantha Kumar Professor Dr. B. Swapna Assistant Professor	A Clinical Study to evaluate the Efficacy of Shuntyadi Kwath with and without Trivikrama Rasa in the Management of Mutrashmari w.s.r. to Urolithiasis.
4.	Dr. Atul Agarwal	Dr. Sanjeev Sharma Professor Dr. Narinder Singh Assistant Professor Mr. Gaurav Bilwal	An Experimental study to assess the Efficacy of Laksha Guggulu on Fracture Healing in Rabbit Model.



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5.	Dr. Rakesh Prasad	Dr. Ashok Kumar Associate Professor Dr. Narinder Singh Assistant Professor	Evaluation of the Efficacy of the Arkadi Gana Ointment And Lotion in Vrana. (An Experimental Study).
6.	Dr. Somdutta Saini	Dr. Narinder Singh Assistant Professor	A Study on the Efficacy of Brhatsimhanada Guggulu, Godanti, Rasamanikya with Maharasnadi Kasaya in Non-specific Knee Effusion VIS-A-Janu Sandhi Shleshmadhara Kala Shoth.
7.	Dr. Naresh Dhakad	Dr. B. Swapna Assistant Professor	A Comparative Clinical Study of Matravasti and Lateral Internal Sphincterotomy in Parikartika w.s.r. to Chronic Fissure in Ano.
8.	Dr. Neerja Jain	Dr. P. Hemantha Kumar Professor	A Comparative Clinical Study of Marma Chikitsa and Agni Karma in the Management of Avbahuka w.s.r. Frozen Shoulder.
9.	Dr. Netra Bahadur Basnei	Dr. P. Hemantha Kumar Professor	A Comparative Clinical study on Snuhi Pratisaarniya Kshar and Apamarga Pratisaarniya Kshar in the Management of Abhyantara Arsha (Internal Piles)
10.	Dr. Suresh Kumar	Dr. Sanjeev Sharma Professor Dr. Ashok Kumar Associate Professor	A Comparative Clinical Study of Agni Karma and Aabha Guggulu in the management of Snyauvikara w.s.r. to DeQuervain' Stenosynovitis.
11.	Dr. Dinesh Kumar Aherwar	Dr. Sanjeev Sharma Professor Dr. Narinder Singh Assistant Professor	Conceptual Study on Vrana w.s.r. to Vranaupakarma and their Application in Present Context
12.	Dr. Lokesh Yadav	Dr. Ashok Kumar Associate Professor Dr. Narinder Singh Assistant Professor	Role of Vedanahara Mahakasaya (Decoction), Kati Basti & Yoga Modalities in the Management of Acute Lumbosacral Sprain/Strain.
13.	Dr. Jaivardhana Singh	Dr. Narinder Singh Assistant Professor	A Study on the Efficacy of Guggulu with Haridra and Rasnashmooladi Kasaya and Siravedha in Krostukasirsa w.s.r. On Specific Knee Effusion.
14.	Dr. Devabrata Vishwakarma	Dr. B. Swapna Assistant Professor	Dhanvantar Taila Uttar Vasti in the Management of Vatastheela w.s.r. to Benign Prostatic Hyperplasia (BPH) - A Randomized Control Trial.
15.	Dr. Himadri Mudgal	Dr. P. Hemantha Kumar Professor	A comparative clinical study of Vasa Pratisaraneeya Teekshna Kshara and Apamarga Pratisaraneeya Teekshna Kshara in the management of Abhyantara Arsha (Internal Piles).
16.	Dr. W.A.A.P. Wicramanayake	Dr. P. Hemantha Kumar Professor	A clinical evaluation of Vasa Kshara sutra in the management of Bhagandara (Fistula-in-ano).
17.	Dr. Shailendra Singh	Dr. Sanjeev Sharma Professor Dr. Ashok Kumar Associate Professor	Clinical Assessment of Dosha Predominance in Gridhrasi using an Electronic device Nadi Tarangini.
18.	Dr. Manmahendra Singh	Dr. Sanjeev Sharma Professor Dr. Narinder Singh Assistant Professor Shri. Gaurav Bilwal	An experimental study to validate the efficacy of "Samangadi taila" on wound healing in a rat model.
19.	Dr. Shradha Sahu	Dr. Ashok Kumar Associate Professor Dr. Manorma Singh Lecturer	A comparative study to evaluate the efficacy of Shigru-Nirgundi Ghan Vati in post-operative pain w.s.r. to Anal fissure.
20.	Dr. Shekhar Patel	Dr. Narinder Singh Assistant Professor Dr. Manorma Singh Lecturer	A randomized clinical study on the efficacy of Shallaki and Sanjivani Vati in Mono Articular Non Specific Knee Effusion.

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21.	Dr. Yashoda Mali	Dr. B. Swapna Assistant Professor	Identification of risk factors of Gud vicar (Anorectal diseases): A hospital based case control study.
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During the year under report, the following research works of regular Ph.D Scholars were completed:

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Alok Kumar	Dr. P. Hemantha Kumar Professor	A Clinical Study to evaluate the efficacy of Kadali, Aragvadh and Palash Ksharsutra in the Management of Vataj, Pittaj and Kaphaj Bhagandar.
2.	Dr. Vineet Kumar Jain	Dr. P. Hemantha Kumar Professor	A Clinical Study on the Efficacy of Mridu, Madhyama and Teekshna Apamarga Pratisaraneeya Kshara in the management of Ardra Arsha (Internal Haemorrhoids).

During the year under report, the following research works of regular Ph.D Scholars were continued and in progress.

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Aditya Kumar Shil	Dr. P. Hemantha Kumar Professor	A Comparative Clinical study of Tamsulosin, Virtarvadi Gana Kashaya and Dhanvantara Tail Matra Vasti in the Management of Vatastheela W.S.R. to Benign Prostatic Hyperplasia (BPH).
2.	Dr. Harit Kumari	Dr. P. Hemantha Kumar Professor	A Randomised Controlled Clinical Trial to assess the Efficacy and Safety of Plantar Iontophoresis with Nirgundi and Agnikarma in the Management of Padakantaka w.s.r. to Plantar Fasciitis.
3.	Dr. Saval Pratap Singh Jadon	Dr. P. Hemantha Kumar Professor	Review of Prostatic Carcinoma in Ayurvedic Prospective and an Experimental Study to evaluate the Preventive Effect of Shilajit (Asphaltum punjabinum) in Testosterone induced Prostatic Malignancy in Albino Rats.
4.	Dr. Prashant Saini	Dr. Ashok Kumar Associate Professor	Development of Protocol for Clinical Assessment and Evaluation of Chedana Karma followed by Pratisarniya Kshara as per Doshik Predominance in Bhagandara.

**Clinical:** Clinical services were rendered to Indoor and Outdoor patients of the hospitals. There are 3 OPD's viz. Surgery, Anorectal, Orthopaedic and Marma Chikitsa are available in the Department. During the reported period, various methods of treatment like Shalya Karma, Agnikarma, Jalaukavacharana and Kshara Karma were performed. The following 776 Operative Procedures and 7,950 Para-surgical procedures were conducted on the patients suffering from various ailments:

#### OPERATIVE PROCEDURES

Sl. No.	Procedure	Nos. of Procedures
1.	Cholecystectomy	6
2.	Appendectomy	5
3.	Inguinal Herniotomy	5
4.	Inguinal Herniotomy and Hernioplasty	26
5.	Orchidectomy	1
6.	Breast fibroadenoma excision	2
7.	Excision	107

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8.	Incision and Drainage(I&D)	49
9.	Circumcision	8
10.	Partial Fistulotomy with Ksharasutra	233
11.	Fistulotomy	43
12.	Fistulectomy/Exploration of tract	46
13.	Fistulectomy with Kshara karma	2
14.	Lords Anal Dilatation	11
15.	Sphincterotomy with tag excision/Agnikarma	64
16.	Arsha Bandana (Plication)	28
17.	Kshara karma	22
18.	Haemorrhoidectomy/Shastra karma	24
19.	Perianal haematoma excision	3
20.	NadivranaChedana (PNS)	28
21.	Others	63
<b>TOTAL :</b>		<b>776</b>

**PARA-SURGICAL PROCEDURES**

<b>Sl. No.</b>	<b>Para-Surgical Procedure</b>	<b>Number of Procedures</b>
1.	Kshara Karma	192
2.	Ksharasutra	645
3.	Agnikarma	345
4.	Jalaukavacharana	128
5.	Bandana karma - Dressings	6513
6.	Marma Chikitsa	126
	<b>Total</b>	<b>7,950</b>

Teachers and scholars of the Department also participated in the Mobile Clinical Camps organized by the Institute in SC/ST inhabited areas of different Districts of the State of Rajasthan, details of which are given below:

<b>Sl.No.</b>	<b>Name of Doctors</b>	<b>Place of Camps</b>	<b>Date</b>
1.	Dr. P. Hemantha Kumar Professor	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
2.	Dr. Ashok Kumar Associate Professor	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
3.	Dr. Narinder Singh Assistant Professor	2-Days Medical Camp organised at Dholpur.	29-30 Aug. 2017
		Medical Camp organised at Hans Vihar Mandir Mansarovar, Jaipur.	2-10-2017
		Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp organised at Jawahar Nagar, Jaipur.	24-12-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018

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4.	Dr. B. Swapna Assistant professor	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
5.	Dr. Manorma Singh Lecturer	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
<b>Ph.D/PG Scholars</b>			
1.	Dr. Saval Pratap Singh Jadon	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
2.	Dr. Aditya Kumar Shil	Attended 2-Days Camp on Management of Guda Roga organised at Dholpur (Rajasthan).	29-30 Aug. 2017
		Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Attended 2-Days Camp on Management of Guda Roga organised at Dholpur (Rajasthan).	29-30 Aug. 2017
		Attended the Medical Camp at Achalpura, Bassi, Jaipur.	19- 12 - 2017
3.	Dr. Prashant saini	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Attended 4-Days Medical Camp organised at Laxmanagar, Sikar.	21-24 Nov. 2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
4.	Dr. Harit Kumari	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	08-03-2018
4.	Dr. Lokendra Pahadia	Attended 2-Days Camp on Management of Guda Roga organised at Dholpur (Rajasthan).	29-30 Aug. 2017
		Attended 7-Days Medical Camp organised for Schedule Tribes at Udaipur.	2017
		Attended 7-Days Medical Camp organised for Schedule tribes at Pratapgarh.	2017
6.	Dr. Rakesh Kumar Rathore	Medical Camp organised at Sagwada, Dugarpur District, Rajasthan.	26 June to 1 July, 2017.
		Medical Camp organised at Pokram, Jaisalmer District, Rajasthan.	14-19 August 2017
7.	Dr. Vinod Kumar Mourya	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Attended Medical Camp organised at Achalpura, Bassi, Jaipur.	19- 12 - 2017

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		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
8.	Dr. Ram Prasad Sinha	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
9.	Dr. Rakesh Prasad	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Attended the Medical Camp organised at Achalpura, Bassi, Jaipur.	23- 12- 2017
		Medical Camp on Urolithiasis, organized by the PG Deptt. of Shalya Tantra and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
11.	Dr. Vinod Kumar Garg	Attended 2-Days Camp on Management of Guda Roga organised at Dholpur (Rajasthan).	29-30 Aug. 2017
		Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
12.	Dr. Naresh Dhakad	Participated in 6-Days Medical Camp organised at Jhadaul, Udaipur.	6-11 Nov. 2017
		Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Attended the Medical Camp organised at Achalpura, Bassi, Jaipur.	22-12-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	08-03-2018
13.	Dr. Somdutt Saini	Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	08-03-2018
14.	Dr. Atul Agarwal	Participated in the Medical Camp organised at Jhadaul, Udaipur.	6 <sup>th</sup> to 11 <sup>th</sup> November 2017
		Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
15.	Dr. Neerja Jain	Attended 2-Days Camp on Management of Guda Roga organised at Dholpur (Rajasthan).	29-30 Aug. 2017
		Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018

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16.	Dr. Netra Bahadur Basnei	Medical camp on Ano-Rectal Disorders organized by the PG Deptt. of Shalya Tantra and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
17.	Dr. Lokesh Yadav	Attended a medical Camp at Jaisalmer (Pokaran ).	14-19 August, 2017
		Attended a Medical Camp at Jawahar Nagar, Jaipur.	2-10-2017
		Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Attended a Medical Camp at Jawahar Nagar, Jaipur.	24-12-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
18.	Dr. Suresh Kumar	Attended a 6 Days Medical Camp at Durgapur (Sagwara).	24-29 July 2017
		Medical camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
19.	Dr. Dinesh Kumar Aherwar	Medical camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
20.	Dr. Jaivardhana Singh	Medical camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department Himalaya Drug Company at NIA, Jaipur.	8-03-2018
21.	Dr. Devabrata Vishwakarma	Medical camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
22.	Dr. Himadri Mudgal	Medical camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
23.	Dr. W.A.A.P. Wicramanayake	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017

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		Medical camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
24.	Dr. Shailendra Singh	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
25.	Dr. Manmahendra Singh	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
26.	Dr. Shradha Sahu	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
27.	Dr. Shekhar Patel	Medical Camp on Ano-Rectal Disorders organized by the PG Deptt. of Shalya Tantra and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018
28.	Dr. Yashoda Mali	Medical Camp on Ano-Rectal Disorders organized by the Department and Himalaya Drug Company at NIA, Jaipur.	20-11-2017
		Medical Camp on Urolithiasis, organized by the Department and Himalaya Drug Company at NIA, Jaipur.	8-03-2018

**Publication of Books**

S.No.	Name of the Author	Title of the Book	Name of the Publisher
1.	Dr. Shaheen Ahmad Mir PG Scholar	Basics of Research Methodology and Medical Statistics for Ayurveda Scholars	Ayurved Sanskrit Hindi Pustak Bhandar Jaipur.

**(A) Articles Published in Journals/Magazines:** The teachers of the Department published the following articles in various National and International Journals:

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. P. Hemantha Kumar Professor	Efficacy of Ayurvedic Medicine Vitex Negundo Extract on Pain Control based on Experimental Model Haffner's Tail Clip.	World Journal of Pharmaceutical Research, Volume 6, Issue 11 SJIF Impact Factor 7.523, ISSN 2277 – 7105
2.	Dr. P. Hemantha Kumar Professor	Comparative study to evaluate the efficacy of Palash Ksharsutra and Apamarga Ksharsutra in the management of Kaphaj Bhagandar.	International Journal of Applied Ayurved Research Vol III, Issue II, May-June, 2017 ISSN: 2347-6362
3.	Dr. P. Hemantha Kumar Professor	Efficacy of Pratisaraniya Kshara in the management of Prameha Pidika (Carbuncle) – A Case Report.	International Ayurvedic Medical Journal June, 2017, 5(6) ISSN: 2320 5091.

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4.	Dr. P. Hemantha Kumar Professor	A clinical study on the Efficacy of Vibhitaka Kshara Sutra in the management of Bhagandara (Fistula-in-ano) – A Pilot Study.	World Journal of Pharmaceutical and Life Sciences August 2017, Vol.3, Issue 7 ISSN: 2454-2229.
5.	Dr. P. Hemantha Kumar Professor	Bhagandara and its Management in Ayurveda – A Conceptual Study.	International Journal of Ayurveda and Pharma Research August 2017 Volume 5, Issue-8 ISSN:2322-0902(P) ISSN:2322-0910(O)
6.	Dr. P. Hemantha Kumar Professor	Comparison of Iontophoresis and Agnikarma for the Management of Plantar Fasciitis: Two Case Reports.	International Journal of Current Research August 2017 Volume 9, Issue 8 ISSN: 0975-833X.
7.	Dr. P. Hemantha Kumar Professor	A Minimal Invasive Technique for “A Long Trans-sphincteric Fistula-in-ano” – A Case Study.	International Journal of Ayurveda and Pharma Research September, 2017 Volume 5, Issue-9 ISSN:2322-0902(P) ISSN:2322-0910(O)
8.	Dr. P. Hemantha Kumar Professor	A Clinical Study on the Efficacy of Apamarga Pratisaraneeya Teekshna Kshara in the Management of Ardra Arshas w.s.r. to First and Second Degree Internal Haemorrhoids.	International Journal of Applied Ayurved Research Volume III, Issue IV Sept-October 2017 ISSN: 2347-6362.
9.	Dr. P. Hemantha Kumar Professor	Role of Priyangvadi Taila in the Management of Diabetic Wound – Two Case Reports.	World Journal of Pharmaceutical Research, Volume 6, Issue 11 6 <sup>th</sup> Sept, 2017 ISSN: 2277-7105 SJIF Impact Factor- 7.523.
10.	Dr. P. Hemantha Kumar Professor	An Emerging Alternative Technique for Anorectal Disorders.	World Journal of Pharmaceutical and Life Sciences Volume 4, Issue 2, January 2018 ISSN: 2454-2229
11.	Dr. P. Hemantha Kumar Professor	Ayurvedic Wound Care – A Clinical Experience.	Woundcon-2018 20 <sup>th</sup> Annual Conference of Indian Society of Wound Management SDM College of Ayurveda & Hospital, Hassan, Karnataka, 16 <sup>th</sup> , 17 <sup>th</sup> and 18 <sup>th</sup> March, 2018
12.	Dr. P. Hemantha Kumar Professor	A Clinical Study to evaluate the efficacy of Kadali, Aragyadh and Palash Ksharasutra in the Management of Vataj, Pittaj and Kaphaj Bhagandar.	Journal of Ayurveda ISSN No. 2321-0435 (Under Publication)
13.	Dr. P. Hemantha Kumar Professor	A Clinical Study on the Efficacy of Mridu, Madhyama and Teekshna Apamarga Pratisaraneeya Kshara in the management of Ardra Arsha (Internal Haemorrhoids).	Journal of Ayurveda ISSN No. 2321-0435 (Under Publication)
14.	Dr. P. Hemantha Kumar Professor	A Comparative Clinical Study on Sclerotherapy and Apamarga Pratisaraneeya Teekshna Kshara in the Management of Ardra Arshas w.s.r. to First and Second Degree Internal Haemorrhoids.	Journal of Ayurveda ISSN No. 2321-0435 (Under Publication)
15.	Dr. P. Hemantha Kumar Professor	A Clinical Study on the efficacy of Vibhitaka Ksharasutra in the Management of Bhagandara (Fistula-in-ano)	Journal of Ayurveda ISSN No. 2321-0435 (Under Publication)



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16.	Dr. P. Hemantha Kumar Professor	A Study on the Efficacy of Guggulu and Sallaki along with Haridra and Guduci Kasaya in Krostukasirsa w.s.r. to Non-specific Knee Effusion.	Journal of Ayurveda ISSN No. 2321-0435 (Under Publication)
17.	Dr. P. Hemantha Kumar Professor	A Comparative Clinical Study of Apamarga Pratisarneeeya Teekshana Kshara Karma and Thiersch's Procedure in the Management of Gudabhramsha w.s.r. to Partial Rectal Prolapse.	Journal of Ayurveda ISSN No. 2321-0435 (Under Publication)
18.	Dr. P. Hemantha Kumar Professor	Anti-inflammatory and Analgesic Activities of Nirgundi (Vitex Negundo) whole Plant Extract.	Journal of Ayurveda ISSN No. 2321-0435 (Under Publication)
19.	Dr. P. Hemantha Kumar Professor	Clinical Evaluation of Mustadi-Upanaha and Therapeutic Eccentric Exercise (TEE) in the Management of Sanyu-vikara w.s.r. to Tennis Elbow: A Prospective Randomized Clinical Trial.	Journal of Ayurveda ISSN No. 2321-0435 (Under Publication)
20.	Dr. Ashok Kumar Associate Professor	Efficacy of Agnikarma in Sciatica - A Case Study.	World Journal of Pharmaceutical Research Volume 6, Issue 8 SJIF Impact Factor 7.523 ISSN 2277 – 7105
21.	Dr. Ashok Kumar Associate Professor	Efficacy of Ayurvedic Medicine Vitex Negundo Extract on Pain Control based on Experimental Model Haffner's Tail Clip.	World Journal of Pharmaceutical Research Volume 6, Issue 11 SJIF Impact Factor 7.523 ISSN 2277 – 7105.
22.	Dr. Ashok Kumar Associate Professor	Vrana Shodhana And Vrana Ropana Properties of Aragwadhadi Gana - A Brief Review.	Ayurpharm International Journal of Ayurveda and Allied Sciences Volume 6, No. 10 (2017) ISSN 2278-4772.
23.	Dr. Narinder Singh Assistant Professor	Efficacy of Pratisaraniya Kshara in the management of Prameha Pidika (Carbuncle) – A Case Report.	International Ayurvedic Medical Journal ISSN: 2320 5091 (June, 2017) 5(6)
24.	Dr. Narinder Singh Assistant Professor	A Review on Snayugata Vata w.s.r. to Tennis Elbow and its Management Principles.	World Journal of Pharmaceutical Research Volume 6, Issue 8 (ISSN 2277-7105) 2017
25.	Dr. Narinder Singh Assistant Professor	Heel Pain and Agnikarma: An Ayurved Approach.	World Journal of Pharmaceutical Research Volume 6, Issue 3 (ISSN 2277-7105),2017
26.	Dr. Narinder Singh Assistant Professor	A Comparative Study of the Efficacy of Tagar-Rhizome (Valeriana Wallichii) Dried Crude Water Extract as Pre-medication with Diazepam on the emergence Reactions of Ketamine Anaesthesia.	Journal of Ayurveda Vol. IX, June 2017.
27.	Dr. Narinder Singh Assistant Professor	A Clinical Trial on the Efficacy of Bhallatakadi Lepa in Charmakeela w.s.r Cutaneous Warts.	International Journal of Ayurveda and Pharma Research July 2017, Volume 5, Issue 7 ISSN: 2322 - 0902 (P) ISSN: 2322 - 0910 (O)
28.	Dr. Narinder Singh Assistant Professor	Charmakeela as Cutaneous Warts: A Literary Review.	World Journal of Pharmaceutical and Life Sciences ISSN 2454-2229 SJIF Impact Factor : 4.223

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29.	Dr. Narinder Singh Assistant Professor	Step Up For Vitiligo'- Win Over The Foes of Skin'.	Ayurveda And All April 2017, Volume14, No.2 ISSN No. 0973-9831
30.	Dr. Narinder Singh Assistant Professor	Abate Causes to 'Eliminate Hepatitis'.	Ayurveda And All July 2017 Volume 14, No.3, ISSN No. 0973-9831
31.	Dr. Manorma Singh Lecturer	Panchakarma Concepts in Shalya Tantra: A Review.	International Journal of Research In Ayurveda & Pharmacy U.G.C. Approved Scopus Indexed Volume 8 (Suppl 2), 2017. SNIP 2014=0.235 Index Copernicus Value (ICV) 2016: 110.7
32.	Dr. Manorma Singh Lecturer	Role of Yoga in the Management of Digestive System Disorders.	Environment Conservation Journal (U.G.C. Approved) Indexed International Journal Index Copernicus Value: 4.49.

**(B) Participation in Workshops/Seminars and Research Paper Presentation:**

Sl. No.	Name of Faculty Member	Details of Workshop/Seminar/CME	Date
1.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person and Chairperson in Workshop on Minor Surgical Procedures, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017
2.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of Shalya Tantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017
3.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in Reorientation Programme for Interns, Organized by National Institute of Ayurveda, Jaipur.	10-12 April, 2017
4.	Dr. P. Hemantha Kumar Professor	Participated in Resit examination of NABH AYUSH Assessor Training Course, Organized by NABH, Quality Council of India, Bangalore.	9 June, 2017
5.	Dr. P. Hemantha Kumar Professor	Participated as a Shalya Tantra Expert in Workshop on Review the PG Syllabus of Shalya Tantra/Shalakyia Tantra/ Swasthavritta & Yoga, Organized by Central Council of India, New Delhi.	15-16 June 2017
6.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in AYU SASTRA-2017, Organized by AVP Research Foundation, Coimbatore.	15 June, 2017
7.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in Sushruti - 2017, National Conference on Ayurvedic Management of GIT Disorders, Organized by Shree Jagadguru Gavisiddheshwara Ayurvedic Medical College and Hospital, Koppal, Karnataka.	20 <sup>th</sup> July, 2017.
8.	Dr. P. Hemantha Kumar Professor	Participated as a Shalya Tantra Expert in Workshop on Review the PG Syllabus of Shalya Tantra/Shalakyia Tantra/ Swasthavritta & Yoga, Organized by Central Council of India, New Delhi.	29 July 2017

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9.	Dr. P. Hemantha Kumar Professor	Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept. 2017
10.	Dr. P. Hemantha Kumar Professor	Participated as an Acharya Awardee in National Ayurveda Summit 2017, Organized by Central Council of Indian medicine, Ministry of AYUSH, New Delhi and Govt. of Gujarat at Gandhinagar.	30 Sept. 2017
11.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in CME Programme for Medical Officers, Organized by MMM Govt. Ayurved College, Udaipur.	October, 2017
12.	Dr. P. Hemantha Kumar Professor	Participated as a resource person in Workshop on Advanced Training of Ksharsutra Therapy, Organized by Dept. of Shalya Tantra, Faculty of Ayurveda, IMS, BHU, Varanasi.	9-10 Nov. 2017
13.	Dr. P. Hemantha Kumar Professor	Participated as a resource person in National conference on Recent trends in management of Anorectal Disorders, Organized by Dept. of Shalya Tantra, Faculty of Ayurveda, IMS, BHU, Varanasi.	11 Nov. 2017
14.	Dr. P. Hemantha Kumar Professor	Organizing Secretary and Resource person in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov. 2017
15.	Dr. P. Hemantha Kumar Professor	Organizing Secretary in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec. 2017
16.	Dr. P. Hemantha Kumar Professor	Organizing Secretary and Resource person in Kshara Sutra Training Programme given to Dr. Manu Sharma, Cantonment General Hospital, Subathu, H.P., Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	21Dec. to 4 Jan. 2018
17.	Dr. P. Hemantha Kumar Professor	Participated as Resource person in Proctocon-2018 at 5 <sup>th</sup> Annual Conference of Sushruta Proctology Association, Surath.	6-7 January, 2018
18.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in Symposium on Pain Management Through Ayurveda, Sponsored by Oushadhi and NIA, Ministry of AYUSH, Govt. of India, Jaipur.	12 January, 2018
19.	Dr. P. Hemantha Kumar Professor	Participated in National Workshop-Cum-Training Programme on Cancer – 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January 2018
20.	Dr. P. Hemantha Kumar Professor	Participated in EFIAGES-2018, 4 National Hands on Training course and Workshop on Endoscopy, Organized by Indian Association of Gastrointestinal Endosurgeons, Rajahmundry.	19-21 January 2018
21.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in National Seminar on Pain Management through Ayurveda, Organized by MMM Govt. Ayurved College, Udaipur.	17-18 Feb. 2018

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22.	Dr. P. Hemantha Kumar Professor	Participated as a Faculty and Chaired a Scientific Session in ARC-CON 2018, International Conference on Benign Ano-rectal Diseases, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi.	22-24 Feb. 2018
23.	Dr. P. Hemantha Kumar Professor	Participated as a Guest Faculty in ARC-CON 2018, International Conference on Benign Ano-rectal Diseases, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi.	22-24 Feb. 2018
24.	Dr. P. Hemantha Kumar Professor	Participated as a Guest speaker in Mock Audit of NABH, Organized by IPGT & R, Jamnagar, Gujarat.	5-6 March 2018
25.	Dr. P. Hemantha Kumar Professor	Organizing Secretary and Resource person in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018
26.	Dr. P. Hemantha Kumar Professor	Participated in CME Programme on Fetal Medicine, Organized by National Institute of Ayurveda and Aakriti Labs, Jaipur.	8 March, 2018
27.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in Woundcon-2018, 20 <sup>th</sup> Annual Conference of Indian Society of Wound Management, organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018
28.	Dr. Ashok Kumar Associate Professor	Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017
29.	Dr. Ashok Kumar Associate Professor	Participated and delivered 2 Guest Lectures in Festival of India at Bangkok, Thailand	22-24 Sept. 2018
30.	Dr. Ashok Kumar Associate Professor	Participated as a delegate in Clinical Audit Workshop, organised by NABH, Quality Council of India at Amritsar, Punjab.	12 November, 2017
31.	Dr. Ashok Kumar Associate Professor	Resource person in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
32.	Dr. Ashok Kumar Associate Professor	Resource Person in Nursing Training Program organised by MMM Ayurvedic College, Udaipur, Rajasthan.	28 November, 2017
33.	Dr. Ashok Kumar Associate Professor	Participated in Workshop on Gastroscopy - Hands on Training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical Systems India Private Limited, Jaipur.	9 December, 2017.
34.	Dr. Ashok Kumar Associate Professor	Participated in Workshop on Hindi organised at NIA, Jaipur.	14 December, 2017.
35.	Dr. Ashok Kumar Associate Professor	Participated as a resource person in Workshop organised by Department of Shalya Tantra, University College of Ayurveda, Dr S R Rajasthan Ayurveda College, Jodhpur, Rajasthan	15-16 Dec. 2017
36.	Dr. Ashok Kumar Associate Professor	Participated in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018

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37.	Dr. Narinder Singh Assistant Professor	Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017
38.	Dr. Narinder Singh Assistant Professor	Resource Person in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017
39.	Dr. Narinder Singh Assistant Professor	Participated in Workshop on Gastroscopy - Hands on Training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
40.	Dr. Narinder Singh Assistant Professor	Participated in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17 <sup>th</sup> and 18 <sup>th</sup> January, 2018.
41.	Dr. Narinder Singh Assistant Professor	Resource person in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 <sup>th</sup> March, 2018.
42.	Dr. Narinder Singh Assistant Professor	Participated in International Workshop, Organized by NASYA in collaboration with Ministry of AYUSH held at Udaipur Concerning "Understanding the Madhumeha, its Complications and Management through Ayurveda.	17 March, 2018
43.	Dr. B. Swapna Assistant professor	Participated as a delegate in Workshop on Charaka Chintan 2017 for Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May 2017
44.	Dr. B. Swapna Assistant professor	Resource person in Nursing training program organised by MMM Ayurvedic College, Udaipur, Rajasthan.	1 December, 2017
45.	Dr. B. Swapna Assistant professor	Participated in Symposium on Pain Management Through Ayurveda, Sponsored by Oushadhi and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	12 January, 2018
46.	Dr. B. Swapna Assistant professor	Participated in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 <sup>th</sup> January, 2018
47.	Dr. B. Swapna Assistant Professor	Workshop on Continuous Quality Improvement Tools and Techniques, IVY Hospital, Sector 71, Mohali.	18 February, 2018
48.	Dr. B. Swapna Assistant professor	Participated and presented a paper in ARC-CON 2018, International Conference on Benign Ano-rectal Diseases, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi.	22-24 Feb. 2018
49.	Dr. B. Swapna Assistant professor	Resource Person in CME programme organised by MMM Ayurvedic College, Udaipur, Rajasthan.	7 March, 2018
50.	Dr. B. Swapna Assistant professor	Participated and presented a paper in Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018

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51.	Dr. Manorma Singh Lecturer	Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017
52.	Dr. Manorma Singh Lecturer	Resource person in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017
53.	Dr. Manorma Singh Lecturer	Participated and presented a paper in National Conference on Anorectal Disorders "Update Proctology-2017" at Malvan-Maharashtra.	24-26 of Nov. 2017
54.	Dr. Manorma Singh Lecturer	Participated in Workshop on Gastroscopy-Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017
55.	Dr. Manorma Singh Lecturer	Participated in Symposium on Pain Management Through Ayurveda, Sponsored by Oushadhi and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	12 January, 2018
56.	Dr. Manorma Singh Lecturer	Participated as a resource person in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018
57.	Dr. Manorma Singh Lecturer	Resource person in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018
58.	Dr. Manorma Singh Lecturer	Participated and presented a paper and Chairperson in Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018

### (7) CME /Workshops conducted in the Department of Shalya Tantra

**(A) CME Programme on Management of Arshas/Haemorrhoids:** On the occasion of World Piles Day, a CME Programme on Management of Arshas/Haemorrhoids organized by the Department on 20-11-2017 in which 282 participants were participated. Faculty Members of the Department were delivered key note lectures for the benefit of scholars.

**(B) Workshop on Gastroscopy-** A Workshop on Gastroscopy - Hands on Training Program organised by the Department on 9-12-2017 in the Institute in which 51 participants were participated. Faculty Members of the Department were delivered keynote lectures for benefit of scholars.

**(C) CME Programme on Management of Arshas/Urolithiasis:** On the occasion of World Kidney Day, a CME Programme on Management of Arshas/Urolithiasis organized by the Department on 8-3-2018 in which 168 participants were participated. Faculty Members of the Department were delivered key note lectures for the benefit of scholars.

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**Participation in Workshops/Seminars/CME and Research Paper Presentation:**

<b>Sl. No.</b>	<b>Name of Faculty Member</b>	<b>Details of Workshop/Seminar/CME</b>	<b>Date</b>
1.	Dr. P. Hemantha Kumar Professor & HOD	Participated as a Resource person and Chairperson in Workshop on Minor Surgical Procedures, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017.
2.		Participated as a Resource person in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of Shalya Tantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
3.		Participated as a Resource person in Reorientation Programme for Interns, Organized by National Institute of Ayurveda, Jaipur.	10-12 April, 2017.
4.		Participated in Resit examination of NABH AYUSH Assessor Training Course, Organized by NABH, Quality Council of India, Bangalore.	9 June, 2017.
5.		Participated as a Shalya Tantra Expert in Workshop on Review the PG Syllabus of Shalya Tantra/Shalakya Tantra/Swasthavritta & Yoga, Organized by Central Council of India, New Delhi.	15-16 June, 2017.
6.		Participated as a Resource person in AYU SASTRA-2017, Organized by AVP Research Foundation, Coimbatore.	15 June, 2017.
7.		Participated as a Resource person in Soughruti - 2017, National Conference on Ayurvedic Management of GIT Disorders, Organized by Shree Jagadguru Gavisiddheshwara Ayurvedic Medical College and Hospital, Koppal, Karnataka.	20 July, 2017.
8.		Participated as a Shalya Tantra Expert in Workshop on Review the PG Syllabus of Shalya Tantra/Shalakya Tantra/Swasthavritta & Yoga, Organized by Central Council of India, New Delhi.	29 July, 2017.
9.		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
10.		Participated as an Acharya Awardee in National Ayurveda Summit 2017, Organized by Central Council of Indian medicine, Ministry of AYUSH, New Delhi and Govt. of Gujarat at Gandhinagar.	30 September, 2017.
11.		Participated as a Resource person in CME Programme for Medical Officers, Organized by MMM Govt. Ayurved College, Udaipur.	October, 2017.
12.		Participated as a resource person in Workshop on Advanced Training of Ksharsutra Therapy, Organized by Dept. of Shalya Tantra, Faculty of Ayurveda, IMS, BHU, Varanasi.	9-10 November, 2017.
13.		Participated as a resource person in National conference on Recent trends in management of Anorectal Disorders, Organized by Dept. of Shalya Tantra, Faculty of Ayurveda, IMS, BHU, Varanasi.	11 November, 2017.
14.		Organizing Secretary and Resource person in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.

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15.		Organizing Secretary in Workshop on Gastroscopy-Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
16.		Organizing Secretary and Resource person in Kshara Sutra Training Programme given to Dr. Manu Sharma, Cantonment General Hospital, Subathu, H.P., Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	21 December to 4 January, 2018.
17.		Participated as Resource person in Proctocon-2018 at 5 <sup>th</sup> Annual Conference of Sushruta Proctology Association, Surath.	6-7 <sup>th</sup> January, 2018.
18.		Participated as a Resource person in Symposium on Pain Management Through Ayurveda, Sponsored by Oushadhi and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	12 January, 2018.
19.		Participated in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
20.		Participated in EFIAGES-2018, 4 <sup>th</sup> National Hands on Training course and Workshop on Endoscopy, Organized by Indian Association of Gastrointestinal Endosurgeons, Rajahmundry.	19-21 January, 2018.
21.		Participated as a Resource person in National Seminar on Pain Management through Ayurveda, Organized by MMM Govt. Ayurved College, Udaipur.	17-18 <sup>th</sup> February, 2018.
22.		Participated as a Faculty and Chaired a Scientific Session in ARC-CON 2018, International Conference on Benign Ano-rectal Diseases, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi.	22-24 February, 2018.
23.		Participated as a Guest Faculty in ARC-CON 2018, International Conference on Benign Ano-rectal Diseases, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi.	22-24 February, 2018.
24.		Participated as a Guest speaker in Mock Audit of NABH, Organized by IPGT & R, Jamnagar, Gujarat.	5-6 March, 2018.
25.		Organizing Secretary and Resource person in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
26.		Participated in CME Programme on Fetal Medicine, Organized by National Institute of Ayurveda and Aakriti Labs, Jaipur.	8 March, 2018.
27.		Participated as a Resource person in Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018.
1.	Dr. Ashok Kumar Assoc. Professor	Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
2.		Participated and delivered 02 Guest Lectures in Festival of India at Bangkok, Thailand	22-24 September, 2018.
3.		Participated as a delegate in Clinical Audit Workshop, organised by NABH, QCI at Amritsar, Punjab	12 November, 2017.



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4.		Resource person in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
5.		Resource person in Nursing training program organised by MMM Ayurvedic College, Udaipur, Rajasthan.	28 November, 2017
6.		Participated in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
7.		Participated in Workshop on Hindi organised at NIA, Jaipur.	14 December, 2017.
8.		Participated as a resource person in Workshop organised by Department of Shalya Tantra, University College of Ayurveda, Dr S R Rajasthan Ayurveda College, Jodhpur, Rajasthan	15-16 December, 2017
9.		Participated in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
1.	Dr. Narinder Singh Assistant Professor	Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
2.		Resource person in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
3.		Participated in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
4.		Participated in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
5.		Resource person in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
6.		Participated in International Workshop, Organized by NASYA in collaboration with Ministry of AYUSH held at Udaipur concerning "Understanding the Madhumeha, it complications and management through Ayurveda.	17 March, 2018.
1.	Dr. B. Swapna Assistant professor	Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of charaka samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May 2017
2.		Resource person in Nursing training program organised by MMM Ayurvedic College, Udaipur, Raj.	1 December, 2017.
3.		Participated in Symposium on Pain Management Through Ayurveda, Sponsored by Oushadhi and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	12 January, 2018.
4.		Participated in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.

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5.		Workshop on continuous quality improvement tools and techniques, IVY Hospital, Sector 71, Mohali.	18 February, 2018
6.		Participated and presented a paper in ARC-CON 2018, International Conference on Benign Ano-rectal Diseases, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi.	22-24 February, 2018.
7.		Resource person in CME programme organised by MMM Ayurvedic College, Udaipur, Rajasthan.	7 March, 2018.
		Participated and presented a paper in Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018.
1.	Dr. Manorma Singh Lecturer	Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
2.		Resource person in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
3.		Participated and presented a paper in National Conference on Anorectal Disorders "Update Proctology-2017" at Malvan- Maharashtra.	24-26 of Nov. 2017
4.		Participated in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
5.		Participated in Symposium on Pain Management Through Ayurveda, Sponsored by Oushadhi and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	12 January, 2018.
6.		Participated as a resource person in National Workshop-Cum-Training Programme on Cancer – 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
7.		Resource person in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
8.		Participated and presented a paper and Chairperson in Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018.

**Participation in Seminars/Conferences/Workshops/CME/etc.:**

The PG and Ph.D Scholars of the Department have actively participated in the following national and International Seminar/Conferences/Workshops organized at different places in the country:

Sl. No.	Name of PG and Ph.D Scholar	Details of Workshop/Seminar/CME	Date
1.	Dr. Saval Pratap Singh Jadon	Workshop on Minor Surgical Procedures organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017
		National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017

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		International Conference AAAICON 2017 organised by Govt. Ayurvedic College, Bareilly.	16 April, 2017
2		Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of charaka samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017
3		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur	14-16 Sept. 2017
4		Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept. 2017.
5		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov. 2017
6		Participated as learner in Workshop on Gastroscopy- Hands on Training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec. 2017
7		Participated as a delegate in NationalWorkshop-Cum-Training Programme on Cancer - 2018, organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018
8		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018
9	Dr. Prasant Saini	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 <sup>th</sup> April, 2017.
10		Participated as a Paper Presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
11		Participated as a delegate in Workshop on Charaka Chintan 2017 for Applied aspects of charaka samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017.
12		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept. 2017
13		Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept. 2017

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14		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017
15		Participated as Learner in Workshop on Gastroscopy-Hands on Training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical Systems India Private Limited, Jaipur.	9 December, 2017
16		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018
17		Participated as a Delegate in Workshop on Vaccination organised by Department of Bal Rog, NIA, Jaipur	24-25 <sup>th</sup> January, 2018
18		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
19	Dr. Aditya Kumar Shil	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi and National Sushruta Association, India	6 April, 2017
20		Participated as a Paper presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
21		Participated as a Paper presenter in International Conference AAAICON 2017, Bareilly	16 April, 2017
22		Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of charaka samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May 2017
23		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 <sup>th</sup> September, 2017.
24		Participated in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
25		Participated in Workshop on Gastroscopy-Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
26		Participated in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.

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27		Participated in Workshop on Vaccination, Organised by Dept. of Kaumarabhritya, National Institute of Ayurveda, Jaipur.	24-25 January, 2018	
28	Dr. Harit Kumari	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017	
29		Participated as a Paper Presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of Shalya Tantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.	
30		Participated as a Paper Presenter in International Conference AAAICON2017 organised by Govt. Ayurvedic College, Bareilly.	16 April, 2017.	
31		Participated as a delegate in Workshop on Charaka Chintan 2017 for Applied aspects of charaka samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017.	
32		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.	
33		Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.	
34		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.	
35		Participated as learner in Workshop on Gastroscopy - Hands on Training Programme, organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.	
36		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018 organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.	
37		Participated as a Delegate in Workshop on Vaccination organised by Department of Bal Rog, NIA, Jaipur.	24-25 January, 2018.	
38		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.	
39		Dr. Nimba Ram	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017.
40			Participated as a Paper presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.

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41		Participated as a delegate in Workshop on Charaka Chintan 2017 for Applied aspects of Charaka samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May 2017
42		Participated as a Volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017
43		Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017
44	Dr. Shaheen Ahmed Mir	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017
45		Participated as a Paper presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
46		Participated as a delegate in Workshop on Charaka Chintan 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017.
47		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
48		Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept., 2017.
49	Dr. Durga Katarmal	Participated as a delegate in Workshop on Minor Surgical Procedures, organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017.
50		Participated as a Paper presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
51		Participated as a delegate in Workshop on Charaka Chintan 2017 for Applied aspects of charaka samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017.
52		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
53		Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.

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54	Dr. Priyanka Sahu	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017.
55		Participated as a Paper presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of Shalya Tantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
56		Participated as a paper presenter in International Conference on Evidence Based Ayurveda and Life Sciences, Organised by IVRI, Izzatnagar, Bareilly (U. P.).	16-17 April, 2017.
57		Participated as a delegate in Workshop on Charaka Chintan 2017 for Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017.
58		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
59		Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 <sup>th</sup> September, 2017.
60	Dr. Lokendra Pahadia	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017.
61		Participated as a Paper presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of Shalya Tantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
62		Participated as a delegate in Workshop on Charaka Chintan 2017 for Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017.
63		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
64		Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
65		Dr. Laxmi Saini	Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur.
66	Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.		14-16 Sept., 2017.

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67		Participated in Guinness World Book Record Attempt for "Largest Number of People Receiving NASYA Therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
68	Dr. Vinod kumar	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017.
69		Participated as a delegate in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
70		Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017.
71		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
72		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept., 2017.
73		Participated as a delegate in Workshop on Advanced Training of Ksharsutra Therapy, Organized by Dept. of ShalyaTantra, Faculty of Ayurveda, IMS, BHU, Varanasi.	9-10 Nov., 2017.
74		Participated as a paper presenter in National conference on Recent trends in management of Anorectal Disorders, Organized by Dept. of ShalyaTantra, Faculty of Ayurveda, IMS, BHU, Varanasi.	11 Nov., 2017.
75		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017.
76		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec., 2017.
77		Participated as a delegate in NationalWorkshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur	17-18 Jan., 2018.
78		Participated as a Delegate in Workshop on Vaccination organised by Department of Bal Rog, NIA, Jaipur	24-25 January, 2018
79		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.



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80		Participated as a delegate in National Seminar on Pain Management through Ayurveda, Organised by M.M.M. Govt. Ayurvedic College, Udaipur, Rajasthan	17-18 Feb., 2018.
81	Dr. Ram Prasad Sinha	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017.
82		Participated as a delegate in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
83		Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur	15-19 May 2017
84		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
85		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
86		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
87		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
88		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
89		Participated as a Delegate in Workshop on Vaccination organised by Department of Bal Rog, NIA, Jaipur.	24-25 January, 2018
90		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company	8 March, 2018
91		Participated as a delegate in National Seminar on Pain Management through Ayurveda, Organised by M.M.M. Govt. Ayurvedic College, Udaipur, Rajasthan.	17-18 Feb, 2018.
92	Dr. Vinod Kumar Garg	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017.
93		Participated as a paper presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.

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94		Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur	15-19 May, 2017.
95		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
96		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept., 2017.
97		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017.
98		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec., 2017.
99		Participated as a paper presenter in National Conference on Recent Advancements in Kshara Karma WSR to Anorectal Disorders organised by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurveda University, Jodhpur (Rajasthan)	15-16 Dec, 2017.
100		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
101		Participated as a Paper presenter in National Seminar Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018.
102	Dr. Atul Agarwal	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017
103		Participated as a paper presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.
104		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
105		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept., 2017.

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106		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec., 2017.
107		Participated as a paper presenter in National Conference in Parul Institute of Ayurveda, Vadodara.	29-30 Dec., 2017
108		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company	8 March 2018
109	Dr. Rakesh Prasad	Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017.
110		Participated as a delegate in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of ShalyaTantra, IMS, BHU and National Sushruta Association, India	6-8 April, 2017.
111		Participated as a paper presenter in International Conference AAAICON 2017, organised by Govt Ayurvedic College, Bareilly (U.P)	16 April 2017
112		Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur	15-19 May, 2017.
113		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
114		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 <sup>th</sup> September, 2017.
115		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017.
116		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec., 2017.
117		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
118		Participated as a Delegate in Workshop on Vaccination organised by Department of Bal Rog, NIA, Jaipur.	24-25 January 2018.

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119		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
120	Dr. Somdutta	Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
121		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
122		Participated in National Seminar on Pain Management through Ayurveda, Organized by MMM Govt. Ayurved College, Udaipur.	17-18 Feb., 2018.
123	Dr. Naresh Dhakad	Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
124		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept., 2017.
125		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017
126		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
127		Participated as a participant in National Conference on Recent Advancements in Kshara Karma WSR to Anorectal Disorders organised by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurveda University, Jodhpur (Raj)	15-16 Dec., 2017.
128		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur	17-18 January, 2018.
129		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
130	Dr. Neerja Jain	Participated as a delegate in Workshop on Minor Surgical Procedures, Organized by Dept. of Shalya Tantra, IMS, BHU, Varanasi and National Sushruta Association, India.	6 April, 2017.
131		Participated as a poster presenter in National Conference on Relevance of Sushruta's Concept of Surgery in Present Era, Organized by Dept. of Shalya Tantra, IMS, BHU and National Sushruta Association, India.	6-8 April, 2017.

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132	Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur	15-19 May 2017
133	Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
134	Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept., 2017.
135	Participated as a delegate in Workshop on Second National Ayurveda Day for Pain Management through Ayurveda organised by Department of Sangaya Harana,IMS, BHU, Varanasi.	15-17 Oct., 2017.
136	Participated as a delegate in Workshop on Advanced Training of Ksharsutra Therapy, Organized by Dept. of ShalyaTantra, Faculty of Ayurveda, IMS, BHU, Varanasi.	9-10 Nov., 2017.
137	Participated as a paper presenter in National conference on Recent trends in management of Anorectal Disorders, Organized by Dept. of ShalyaTantra, Faculty of Ayurveda, IMS, BHU, Varanasi.	11 <sup>th</sup> November, 2017.
138	Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017.
139	Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec., 2017.
140	Participated as delegate in National Seminar on Recent Advancements in Parasurgical Procedures organised by SLBSS Gov. Ayurvedic College and Hospital, Handia, Allahabad(UP).	13 Dec., 2017.
141	Participated as a paper presenter in National Conference on Recent Advancements in Kshara Karma WSR to Anorectal Disorders organised by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurveda University, Jodhpur (Rajasthan).	15-16 Dec., 2017
142	Participated as a delegate in National Seminar on Trauma care in Ayurveda organised by Parul Ayurveda, Vadodara (Gujarat).	29-30 Dec., 2017
143	Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
144	Participated as a Delegate in Workshop on Vaccination organised by Department of Bal Rog, NIA, Jaipur.	24-25 January, 2018

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145		Participated as a Paper Presenter in ARC-CON 2018, International Conference on Benign Ano-rectal Diseases, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi.	22-24 Feb., 2018.
146	Dr. Prasant Saini	Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
		Participated as a Paper presenter in National Seminar Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018.
147	Dr. Netra Bahadur Basnei	Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur	15-19 May, 2017.
148		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur	14-16 Sept., 2017.
149		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017
150		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017
151		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
152		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer – 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur	17-18 January, 2018.
153		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company	8 March, 2018.
154	Dr. Suresh Kumar	Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur	15-19 May 2017
155		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
156		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.

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157		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
158		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
159		Participated as a paper presenter in National Seminar on Trauma care in Ayurveda organised by Parul Ayurveda, Vadodara(Guj.).	29-30 Dec, 2017.
160		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
161		Participated as a Delegate in Workshop on Vaccination organised by Department of Bal Rog, NIA, Jaipur.	24-25 January, 2018
162		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
163	Dr. Dinesh Kumar Aherwar	Participated as a delegate in Workshop on CHARAKA CHINTAN 2017for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur	15-19 May, 2017.
164		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
165		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept., 2017.
166		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017.
167		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec., 2017.
168		Participated as a delegate in NationalWorkshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018
169		Participated as a Paper Presenter in ARC-CON 2018, International Conference on Benign Ano-rectal Diseases, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi.	22-24 Feb., 2018.

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170		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
171		Participated as a Paper presenter in National Seminar Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018.
172	Dr. Lokesh Yadav	Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017.
173		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
174		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
175		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017.
176		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec., 2017.
177		Participated as a paper presenter in National Seminar on Trauma care in Ayurveda organised by Parul Ayurveda, Vadodara (Gujarat)	29-30 Dec., 2017.
178		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
179		Participated as a Delegate in Workshop on Vaccination organised by Department of Bal Rog, NIA, Jaipur	24-25 January, 2018
180		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
181	Dr. Jaivardhana Singh	Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur	15-19 May 2017
182		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.



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183		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 Sept., 2017.
184		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017
185		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec., 2017.
186		Participated as a paper presenter in National Seminar on Trauma care in Ayurveda organised by Parul Ayurveda, Vadodara( Gujarat)	29-30 Dec., 2017.
187		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
188		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company	8 March 2018
189	Dr. Devabrata Vishwakarma	Participated as a delegate in Workshop on CHARAKA CHINTAN 2017 for Applied aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur.	15-19 May, 2017.
190		Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	14-16 Sept., 2017.
191		Participated in Guinness World Book Record Attempt for "Largest number of people receiving NASYA therapy", Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	15 September, 2017.
192		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017
193		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
194		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.

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195		Participated as a Delegate in Workshop on Vaccination organised by Department of Bal Rog, NIA, Jaipur	24-25 January, 2018.
196		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
197	Dr.W.A.A.P. Wicramanayake	Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 Nov., 2017.
198		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 Dec., 2017.
199		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer - 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
200		Participated as a delegate in ARC-CON 2018, International Conference on Benign Ano-rectal Diseases, Organized by Dept. of ShalyaTantra, IMS, BHU, Varanasi.	22-24 Feb., 2018.
201		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
202		Participated as a delegate in National Seminar Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka.	16-18 March, 2018.
203	Dr. Shekar Patel	Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
204		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
205		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer-2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur	17-18 January, 2018.
206		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
207		Participated as a delegate in National Seminar Woundcon-2018, 20 <sup>th</sup> Annual conference of Indian Society of Wound Management, Organized by SDM College of Ayurveda & Hospital, Hassan, Karnataka	16-18 March, 2018.

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208		Participated as a Paper Presenter in International Seminar On Holistic Approach of Ayurveda and Yoga towards Psychosomatic Disorders organised by Rani Dullaiya Smriti Ayurved P.G. Mahavidhyalaya and Chikitsalaya Bhopal(M. P.)	17-18 Nov., 2017.
209		Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
210		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
211		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer – 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
212		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company.	8 March, 2018.
213	Dr. Himadiri Mudgal	Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
214		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
215		Participated as a delegate in NationalWorkshop-Cum-Training Programme on Cancer – 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.
216		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasison the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company	8 March, 2018.
217	Dr. Shraddha Sahu	Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
218		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
219		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer – 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	17-18 January, 2018.

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220		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company	8 March, 2018.
221	Dr. Yashoda Mali	Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.	20 November, 2017.
222		Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.	9 December, 2017.
223		Participated as a delegate in National Workshop-Cum-Training Programme on Cancer – 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur	17-18 January, 2018.
224		Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company	8 March, 2018.
225		Dr. Maan Mahindra Singh	Participated as a volunteer in Rastriya Ayurveda Yuva Mahotsav, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.
226	Participated in Guinness World Book Record Attempt for “Largest number of people receiving NASYA therapy”, Organized by Dabur, NASYA and National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.		15 Sept., 2017.
227	Participated as delegate in CME Programme on Management of Arshas/Haemorrhoids on the occasion of World Piles Day, Organized by PG Dept. of Shalya Tantra, National Institute of Ayurveda and Himalaya Drug Company.		20 Nov., 2017.
228	Participated as learner in Workshop on Gastroscopy- Hands on training Programme, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Olympus Medical systems India Private Limited, Jaipur.		9 Dec., 2017.
229	Participated as a delegate in National Workshop-Cum-Training Programme on Cancer – 2018, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur		17-18 January, 2018.
230	Participated as a delegate in CME Programme on Management of Ashmari/Urolithiasis on the occasion of World Kidney Day, Organized by PG Dept. of ShalyaTantra, National Institute of Ayurveda and Himalaya Drug Company		8 March, 2018.

**Best Paper Presentation Awards**

S.NO.	Name of the PG Scholar	Name of the Conference	Date
1.	Dr. Neraja Jain	Best Poster Award For Management of cardiovascular complications in Diabetes mellitus by Leech Therapy In International Conference SAMHASHA 2017.	5-7 Feb 2017.

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2.		Best Poster Award For Aahar Vihar in Development, Prevention and Management of gudarogaln National Conference, SHALYACON 2017.	7- 8 April, 2017.
3.		Runner Up 2017 For Manthan Presentation Concept on role of modern technology in Ayurveda-Need versus ChallengesIn National Level competition, Organized byHimalya Drug Company.	7 July, 2017.
4.		Best paper Award For Management of Guda Bramsha by the Application of Kshara KarmaIn National ConferenceARDCON 2017.	11 Nov., 2017.

**Faculty visited in Foreign Countries -**

S.No.	Name of the Faculty	Name of the Country with details
1.	Dr. Ashok Kumar Associate Professor	Presented as a resource person on Kshara Sutra, Swedana and Abhyanga in Festival of India, Bangkok, Thailand sponsored by Ministry of AYUSH on 22-24 September, 2017.
2.	Dr. Narinder Singh Assistant Professor	Presented as a Resource Person in Tajikistan, Sponsored by Ministry of AYUSH on 14-15 February, 2018.

**Units run by the Department:**

The Department has the following 6 Units for educating the Scholars and providing special treatment to the patients

Sl.No.	Name of the Unit	The works conducted under the Unit
1.	<b>General Shalya</b>	Unit is dealing with General Surgical and Para-surgical procedures and treatment to the patients.
2.	<b>Anorectal Unit</b>	Unit is providing best and effective treatment with Special Kshara Karma, Ksharasutra and Agnikarma procedures to patients suffering from Anorectal diseases like Piles, Fistula-in-ano, Fissure-in-ano etc.
3.	<b>Orthopaedic Unit</b>	Unit is providing best and effective treatment for various Fractures, Dislocations, Bone and Joint diseases with well equipped Orthopedic instruments.
4..	<b>Jalaukavacharana Unit</b>	Unit is providing best and effective treatment through Jalaukavacharana Therapy to patients and educating the scholars.
5.	<b>Agnikarma Unit</b>	Unit is providing best treatment through Agnikarma to patients suffering from Dadru,Vicharchika, Gridhrasi, Sandhivata, Kadara, Charmakeela, Apabahuka, Vatakantaka, Tennis Elbow etc. diseases.
6.	<b>Marma Chikitsa Unit</b>	Unit is providing best and effective treatment through Marma Chikitsa to patients suffering from Frozen shoulder, Cervical Spondylosis, Low backache, Tennis Elbow, Osteoarthritis, Migraine, Neuromuscular and skeletal etc. diseases.



## DEPARTMENT OF SHARIR KRIYA

### Introduction:

This is also a Post-graduate Department dealing with teaching and demonstration on the physiological formation and functions of the human body according to Ayurvedic principles. It deals with physiology structure of human body which includes gyanandriya(sensory organs) and Karmendriya(motor functions), mana(psyche), atma(soul) and their functions. Dosh, Dhatu and Mala and their sites in the body were taught to scholars. Theoretical as well as practical knowledge on rakta (blood), shukra/artava (reproductive), purish (feces), mutra (urine), updhatu, dosha and dhatu and proper diagnosis and treatment therapies of various disorders taught to scholars. Subjects of Shawasana, Rakta Sancharana, Utsarjan, Nadi Tantra etc. were taught to DAN&P, UG, PG Students and Ph.D. Scholars. This Department has regular Ph.D. Program.

During the year under report, 2 Professors, 1 Associate Professor and 1 Assistant Professor with other supporting technical and non-technical staff were working in the Department.

### Achievements

#### Academic:

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Sharir Kriya were provided to students of BAMS.

Dosha, Dhatu Mala etc. were taught to the students in Practical Classes and Practical Tests of Rakta, Shukra, Mala, Mutra, Kapha etc. were conducted in prakrat avastha as well as in vikriti avastha. Technical Tests like respiratory system, blood circulation system etc. were conducted.

**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the PG Subjects were provided to PG Scholars as per Syllabus of Rajasthan Ayurved University. Practical teaching on Dosha, Dhatu, Mala, Rakta, Purish, Kapha etc. were provided to students. Research works were conducted.

**C) Ph.D. Level:** Teaching, training and guidance were instructed to Private Ph.D. scholars on their subjects as per rules and directions of Rajasthan Ayurved University. Research works were conducted. Action Plan was made on new research works undertaken and analysis were done on their utility and results.

**Research:** During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl. No.	Scholar	Supervisor/Co-Supervisor	Topic
1.	Dr. Ankita	Dr. O. P. Dadhich Professor Dr. Chhaju Ram Yadav Associate Professor	Physiological Study of Mutravaha Srotas and Comparative Study of Shvadanshtradi Kwath and Varun Kwath in Mutrashmari (Urolithiasis).
2.	Dr. Garima Raj	Dr. O. P. Dadhich Professor Dr. Chhaju Ram Yadav Associate Professor	Physiological study of pachak pitta and clinical Evaluation of Eladi Churna and Yavadi kwath in Amlapitta
3.	Dr. Bhanupratap Singh	Dr. Om Prakash Dadhich Professor	A Physiological Study of Rakta Dhatu and Clinical Evaluation of Dhanyakadi lepa and Manjishtha Churna in Management of Yuvanpidika
4.	Dr. Ajay	Dr. Om Prakash Dadhich Professor	Physiological Study of Bhrajaka Pitta and Clinical Evaluation of Dhatri Khadira Kwath and Gunjaphaladi Lepa on Switra.
5.	Dr. Sanjay Kumar Sahu	Dr. Hemraj Meena Professor	Physiological Study of Shukra Dhatu and Clinical Study of Mashashwagandhadi Churna in Kshina Shukra w.s.r. to Apanvayu Vega.

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6.	Dr. Gugulotu Ramesh	Dr. Chhaju Ram Yadav Associate Professor	A Physiological study of adharaneeya Vega w.s.r to Apanvayu Vega.
7.	Dr. Kalpana Mehar	Dr. Mahendra Prasad Assistant Professor	Physioloical Study of Rasavaha Strotas and Effect of Vibhitakadi Vatak in Panduroga.

During the year under Report, following research works of MD(Ayurveda) Scholars were in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Mothaliya Khyati	Dr. O. P. Dadhich Professor	Physiological Study of Guru and Snigdha Guna of Kapha Dosha and their Applied Study with Vyoshadi Guggulu and Bilwadi Kwath in Sthoulya.
2.	Dr. Dinesh Chand Chauhan	Dr. Hemraj Meena Professor	Physiological Study of Pranavaha Srotas w.s.r. to effect of Kulatthguda Leha in Tamaka Shwasa.
3.	Dr. Priyanka Dariya	Dr. Chhaju Ram Yadav Associate Professor	Physiological Study of Guru and Snigdha Guna of Kapha Dosha and its Applied Aspect in Yuvana Pidika w.s.r. to Manjistha Ghan Vati and Arjunatvak Lepa.
4.	Dr. Niti Agrawal	Dr. O. P. Dadhich Professor	Physiological Study of Guru and Snigdha Guna of Kapha and their Applied Aspect with Clinical Assessment of Hingwadi Churna & Shunthyadi Kwath in Amavata.
5.	Dr. Pooja Pareek	Dr. Hemraj Meena Professor	Physiological Study of Sheeta Guna of Vata Dosha in Gridhrasi w.s.r. to Shephalipatra Kwath and Rasnaguggulu.
6.	Dr. Rakesh Chimpa	Dr. O. P. Dadhich Professor	Physiological Study of Dravya and Ushna Guna of Pitta and their Applied Aspect with Clinical Evaluation of Khandkushmanda Avaleha and Patoladi Kwath in Amlapitta.
7.	Dr. Chudasama Hardik Yogeshkumar	Dr. Chhaju Ram Yadav Professor	Physiological Study of Guru and Sheeta Guna of Kapha Dosha and its Applied Aspect in Vicharchika with Clinical Application of Ark Taila & Vidangadi Churna.
8.	Dr. Hitesh Kumar	Dr. Mahendra Prasad Assistant Professor	To develop the Assessment Criteria of Guru and Snigdha Guna of Shukra with respect to Musalyadi Churna on Shukra Dhatu Kshaya (Oligospermia).
9.	Dr. Kavita Chambyal	Prof. O.P. Dadhich Professor	Development of Assessment Criteria and Validation of Twak Sarata.
10.	Dr. Pushpa Kumari	Prof. O.P. Dadhich Professor	Development of the Assessment Criteria and Validation of Mamsa Sarata.
11.	Dr. Manish Kumar Sharma	Prof. O.P. Dadhich Professor	A Physiological Study of Interrelationship between Doshaj Prakriti and Dhatu Saar.
12.	Dr. Arpita Sahu	Prof. Hem Raj Meena Professor	Development of the Assessment Criteria and Validation of Meda Sarata.
13.	Dr. Priti Kumari Gupta	Prof. Hem Raj Meena Professor	Development of the Assessment Criteria and Validation of Asthi Sarata.
14.	Dr. Ramakant Sharma	Prof. Hem Raj Meena Professor	Development of the Assessment Criteria and Validation of Shukra Sarata.
15.	Dr. Parvindra Kaur	Dr. Chhaju Ram Yadav Associate Professor	Development of the Assessment Criteria and Validation of Rakta Sarata.
16.	Dr. Rita Dhakad	Dr. Mahendra Prasad Assistant Professor	Development of the Assessment Criteria and Validation of Majja Sarata.

During the year under Report, the following 2 research works of Ph.D. Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Pankaj Kothari	Prof. Hemraj Meena Professor	A Comparative Study of Kalpit Triphaladi Ghana Vati & Navaka Gugulu on Obesity.
2.	Dr. Laxmi Maharana	Prof. Om Prakash Dadhich Professor	Study of Drava Guna Of Pitta Dosha w.s.r. to Amlapitta.

During the year under Report, the following 2 research works of Ph.D. Scholars were continued :

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Narinder Khajuriya	Prof. Om Prakash Dadhich Professor	Physiological Study of Medhya Karma of Pitta Dosha and Effect of Guduchyadi Churna on Medha w.s.r. to Smritidaurbalya.
2.	Dr. Shyam Babu Singh	Prof. Om Prakash Dadhich Professor	Physiological Study of Pranvaha Srotasa and effect Pranayama and Agastya Haritaki.

**Publication of Book:**

S.No.	Name of the Author	Title of the Book	Name of the Publisher
1.	Dr. Chhaju Ram Yadav Associate Professor	Practical Sharir Kriya Vijnanam	ISBN 9789384279

**(A) Articles Published in Journals/Magazines:**

Sl.No.	Author's Name	Title	Publication Details
1.	Prof. Om Prakash Dadhich Professor	Ayurvedic Management of Vrikka Amaya w.s.r. to Chronic Kidney Diseases - A Case Study.	World Journal of Pharmaceutical Research SJIF 7.523 Vol. 6, Issue 15 ISSN : 22777105
2.	Prof. Om Prakash Dadhich Professor	Relation of Ahara and Nidra : A Literary Review.	International Ayurvedic Medical Journal November 2017 ISSN : 3205091
3.	Prof. Hemraj Meena Professor	Clinical Study of Mashashwagandhadi Churna in Kshina Shukra (Oligospermia).	World Journal of Pharmaceutical Research SJIF 7.523 Vol. 6, Issue 15 ISSN : 22777105
4.	Dr. Chhaju Ram Yadav Associate Professor	Conceptual Study of Medovaha Srotas in Ayurveda.	Journal of Ayurveda April-June 2017
5.	Dr. Chhaju Ram Yadav Associate Professor	Nadi Pariksha (Pulse Diagnosis) - A Traditional Diagnostic Approaches as per Ayurveda.	International Journal of Innovative Research In Medical Sciences ISSN : 24558737 Vol. 2, Issue 9, Sept. 2017
6.	Dr. Chhaju Ram Yadav Associate Professor	A Physiological Study of Adharaneeya Vega w.s.r. to Apanavayu Vega.	International Ayurvedic Medical Journal September 2017 ISSN : 23205091



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7.	Dr. Chhaju Ram Yadav Associate Professor	Interrelation Between Tridosha and Triguna.	International Ayurvedic Medical Journal September 2017 ISSN : 23205091
8.	Dr. Chhaju Ram Yadav Associate Professor	A Comparative Study of Ayurveda and Siddha System of Medicine.	International Journal of Innovative Research in Medical Science Vol. 2, Issue 9 September 2017 ISSN : 24558737
9.	Dr. Chhaju Ram Yadav Associate Professor	A Successful Clinical Case Study of Male Infertility w.s.r. to Oligoasthenoteratozoosprmia.	International Journal of Current Research Vol. 9, Issue 9 September, 2017 ISSN : 0975833X
10.	Dr. Chhaju Ram Yadav Associate Professor	Conceptual Study of Kilasa(Vitiligo)	International Ayurvedic Medical Journal 4(10), October 2017 ISSN : 23205091
11.	Dr. Chhaju Ram Yadav Associate Professor	A Case Study of Leech Therapy (Jalukavacharana) in Khalitya w.s.r. to Alopecia.	International Ayurvedic Medical Journal 5(10), October 2017 ISSN : 23205091
12.	Dr. Mahendra Prasad Assistant Professor	Study of Obesity and Management with Ayurvedic Prospective.	World Journal of Pharmaceutical Research Vol. 6, Issue 5, May 2017 ISSN 22777105 Impact Factor 7.523
13.	Dr. Mahendra Prasad Assistant Professor	Treatment of Migraine with Aura (Ardhavabhedaka) by Nasya and Shanshaman Chikitsa – A Case Study.	Journal of AYUSH Vol. 6, Issue 2, June, 2017 ISSN : 12782214 (Online) ISSN : 2321-6484 (Print)
14.	Dr. Mahendra Prasad Assistant Professor	A Review on Tarpan Karma – A Local Ocular Therapeutics in Ayurveda.	World Journal of Ayurveda Science August, 2017 eISSN : 24560227

**(B) Participation in Workshops/Seminars and Research Paper presentation:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Om Prakash Dadhich Professor	Participated as Chairperson in the Scientific Session of following Workshops:  Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017.  Workshop on Ayurvedic Management of Pain organised by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur on 9-10 March 2018.  National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.
2.	Dr. Om Prakash Dadhich Professor	Workshop on Use of Hindi in Official Work : Constraints and their Solutions organised by National Institute of Ayurveda, Jaipur on 14 December 2017.
3.	Dr. Om Prakash Dadhich Professor	National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.

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4.	Dr. Hem Raj Meena Professor	Symposium on Pain Management Through Ayurveda organised by National Institute of Ayurveda, Jaipur on 12 January 2018.
5.	Dr. Hem Raj Meena Professor	National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.
6.	Dr. Hem Raj Meena Professor	CME Programme on Management of Arshas/Haemorrhoids organized by the Department of Shalya, National Institute of Ayurveda, Jaipur on 20 November 2017.
7.	Dr. Hem Raj Meena Professor	CME Programme on Management of Arshas/ Urolithiasis organized by the Department of Shalya, National Institute of Ayurveda, Jaipur on 8 March 2018.
8.	Dr. Hem Raj Meena Professor	Participated as Co-ordinator in Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017.
9.	Dr. Hem Raj Meena Professor	Acted as Member of Executive Committee for National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2017.
10.	Dr. Hem Raj Meena Professor	Workshop on Use of Hindi in Official Work : Constraints and their Solutions organised by National Institute of Ayurveda, Jaipur on 14 December 2017.
11.	Dr. Hem Raj Meena Professor	National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.
12.	Dr. Chhaju Ram Yadav Associate Professor	National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.
13.	Dr. Chhaju Ram Yadav Associate Professor	Acted as Organizing Secretary for Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017.
14.	Dr. Chhaju Ram Yadav Associate Professor	Acted as Organizing Secretary for National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2017.
15.	Dr. Chhaju Ram Yadav Associate Professor	Workshop on Use of Hindi in Official Work : Constraints and their Solutions organised by National Institute of Ayurveda, Jaipur on 14 December 2017.
16.	Dr. Chhaju Ram Yadav Associate Professor	National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.
17.	Dr. Chhaju Ram Yadav Associate Professor	CME Programme on Management of Arshas/Haemorrhoids organized by the Department of Shalya, National Institute of Ayurveda, Jaipur on 20 November 2017.
18.	Dr. Chhaju Ram Yadav Associate Professor	CME Programme on Management of Arshas/ Urolithiasis organized by the Department of Shalya, National Institute of Ayurveda, Jaipur on 8 March 2018.
19.	Dr. Mahendra Prasad Asstt. Professor	Participated as a delegate in Workshop on Charaka Chintan-2017 for Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur on 15-19 May 2017.
20.	Dr. Mahendra Prasad Asstt. Professor	National Workshop on Ayushguru - A Web Based Educational Program organised by Gujrat Ayurved University, Jamnagar on 1-2 July 2017.
21.	Dr. Mahendra Prasad Asstt. Professor	Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017.
22.	Dr. Mahendra Prasad Asstt. Professor	CME Programme on Management of Arshas/Haemorrhoids organized by the Department of Shalya, National Institute of Ayurveda, Jaipur on 20 November 2017.
23.	Dr. Mahendra Prasad Asstt. Professor	Workshop on Use of Hindi in Official Work : Constraints and their Solutions organised by National Institute of Ayurveda, Jaipur on 14 December 2017.
24.	Dr. Mahendra Prasad Asstt. Professor	Rajasthan Conclave-5 organised by Desert Medicine Research Centre (ICMR), Jodhpur on 13-16 December, 2017 and a paper titled Treatment of Migraine with Aura(Ardhavadhedhaka) by Nasya and Shanshaman Chikitsa : A Case Study was presented.

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25.	Dr. Mahendra Prasad Asstt. Professor	Symposium on Pain Management Through Ayurveda organised by National Institute of Ayurveda, Jaipur on 12 January 2018.
26.	Dr. Mahendra Prasad Asstt. Professor	CME Programme on Management of Arshas/ Urolithiasis organized by the Department of Shalya, National Institute of Ayurveda, Jaipur on 8 March 2018.

**(C) Guest Lectures delivered in Workshops/Seminars:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Om Prakash Dadhich Professor	CME Program organised by MMM Govt. Ayurvedic College, Udaipur on 29 October 2017. Topic : Endocrinological Disorder and Intervention through Ayurveda.
2.	Dr. Om Prakash Dadhich Professor	A Program organised on the occasion of Dhanvantari Jayanti by SMS Hospital, Jaipur on 8 October 2017. Topic : Pain Management through Ayurveda.
3.	Dr. Chhaju Ram Yadav Assistant Professor	Orientation Program for Interns held on 12 April 2017.

The PG and Ph.D Scholars of the Department have actively participated in the following national and International Seminar/Conferences/Workshops organized at different places in the country:

Sl. No.	Name of PG and Ph.D Scholar	Name of Topic /Details of Conferences/ Seminars/ Date
1.	Dr. Hitesh Kumar	Workshop on Charaka Chintan 2017 for Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur on 15-19 May 2017. National Seminar on Pain Management through Ayurved organised by MMM Govt. Ayurved College, Udaipur on 17-18 February 2018. Paper Presented : Effect of Amritdhara on Pain – A Review. Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017. 1 <sup>st</sup> Rashtriya Ayurveda Yuva Mahotsav organised held in the Campus of the Institute on 14-16 September 2017. National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2018. National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.
2.	Dr. Neeti Agrawal	Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017. 1 <sup>st</sup> National Ayurveda Youth Festival organised held in the Campus of the Institute on 14-16 September 2017. National Seminar on Mangement of Nutritional Disorder - Challenges and Scope organised by K.L. Sharma Govt. Ayurved College, Bhopal on 19-20 January 2018. Paper Presented : Physiological Importance of Nutraceutical and its Scope in Ayurvedic Management of Health. National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018. CME Program organised by Department of Shalya Tantra on 8 March 2018.

3.	Dr. Pooja Pareek	<p>Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p> <p>CME Program organised by Department of Shalya Tantra on 8 March 2018.</p>
4.	Dr. Pushpa Kumari	<p>International Seminar on Role of Ayurvedic Herbs in Stress Management organised by R.D. Memorial College, Bhopal on 17-18 November 2017.</p> <p>Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p>
5.	Dr. Parvinder Kaur	<p>Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p>
6.	Dr. Arpita Sahoo	<p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p>
7.	Dr. Kavita Chambyal	<p>CME Program on Management of Arsha/Hemorrhoids organised by Department of Shalya on 20 November 2017.</p> <p>Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p> <p>CME Program on Management of Arsha/Urolithiasis organised by Department of Shalya on 8 March 2018.</p>
8.	Dr. Manish Kumar Sharma	<p>Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.</p>

		<p>State Level Skill Development Workshop on Day-to-Day OPD Management with AYUSH organised by National Institute of Ayurveda, Jaipur on 19 December 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p> <p>National Seminar on Pain Management through Ayurved organised by MMM Govt. Ayurved College, Udaipur on 17-18 February 2018.</p> <p>CME Program on Management of Arsha/Urolithiasis organised by Department of Shalya on 8 March 2018.</p> <p>Participated in Tarang 2018 – Sports and Cultural Program organised by National Institute of Ayurveda, Jaipur.</p>
9.	Dr. Preeti Kumari	<p>CME Program on Management of Arsha/Hemorrhoids organised by Department of Shalya on 20 November 2018.</p> <p>Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p>
10.	Dr. Ramakant Sharma	<p>Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p>
11.	Dr. Rita Dhakad	<p>CME Program on Management of Arsha/Hemorrhoids organised by Department of Shalya on 20 November 2018.</p> <p>Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p> <p>CME Program on Management of Arsha/Urolithiasis organised by Department of Shalya on 8 March 2018.</p>

12.	Dr. Hardik Chudasam	<p>Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017.</p> <p>Participated as Volunteer in 1<sup>st</sup> Rashtriya Ayurveda Yuva Mahotsav organised held in the Campus of the Institute on 14-16 September 2017.</p> <p>Workshop on Writing Skill for Ayurveda Scholars organised by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur on 26 November 2017.</p> <p>National Seminar on Nutricon-2018 organised at Bhopal on 15 January 2018.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p> <p>National Seminar on Pain Management through Ayurved organised by MMM Govt. Ayurved College, Udaipur on 17-18 February 2018.</p> <p>CME Program on Management of Arsha/Urolithiasis organised by Department of Shalya on 8 March 2018.</p>
13.	Dr. Shyam Babu Singh	<p>Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p> <p>National Seminar on Pain Management through Ayurved organised by MMM Govt. Ayurved College, Udaipur on 17-18 February 2018.</p>
14.	Dr. Narind Khajuria	<p>Workshop on Charaka Chintan-2017 for Applied Aspects of Charaka Samhita organised by National Institute of Ayurveda, Jaipur on 15-19 May 2017.</p> <p>Workshop on Bringing Objectivity to Assessment Variables for Research in Ayurvedic Skin Care organised by National Institute of Ayurveda, Jaipur on 7 July 2017.</p> <p>Worked as Coordinator in Ayunext in Rashtriya Aurved Yuva Mahottasav held in the Institute Campus on 14-9-2017.</p> <p>International Arogya Mela organised by Ministry of AYUSH at New Delhi on 4-7 December, 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p>
15.	Dr. Rakesh Chhimpa	<p>Workshop on Research Methodology, Statistics and Good Clinical Practice organised by National Institute of Ayurveda, Jaipur on 27-30 November 2017.</p> <p>National Workshop-cum-Training Program on Cancer organised by National Institute of Ayurveda, Jaipur on 17-18 January 2017.</p> <p>National Workshop on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha organised by National Institute of Ayurveda, Jaipur on 2-3 February 2018.</p>

**Articles Published by Scholars in Journals/Magazines :**

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Neeti Agrawal Dr. OP Dadhich Dr. SK Shahu Dr. Rakesh Chhimpa	Ayurvedic Management of Vrikka Amaya w.s.r. to Chronic Kidney Diseases - A Case Study.	World Journal of Pharmaceutical Research of SJIF 7.523, Vol. 6, Issue 15, ISSN : 22777105
2.	Dr. Sanjay Sahu Dr. HR Meena Dr. G. Ramesh Dr. N. Agrawal	Clinical Study of Mashashwagandhadi Churna in Kshina Shukra (Oligospermia).	World Journal of Pharmaceutical Research SJIF 7.523, Vol. 6, Issue 15 ISSN : 22777105
3.	Dr. Pooja Pareek Dr. Hardik Chudasama Y. Dr. C.R. Yadav	Ayurvedic Management Medo Vridhhi w.s.r. in Hypercholestremia - A Study.	Journal of Ayurveda Vol. XI, Issue 4 Oct.-Dec. 2017
4.	Dr. Narind Khajuria	Relation of Ahara and Nidra : A Literary Review.	IAMJ 5(11) November 2017
5.	Dr. Narind Khajuria	A Case Report : Management of Yakridalyaudar (Cirrhosis of Liver) & Jalodar (Ascites).	Journal of Ayurveda

**Clinical:**

Clinical services were rendered to Indoor and Outdoor patients of the hospitals by this Department. Faculty Members of the Department were also participated in the Mobile Clinical Camps organized in SC and ST inhabited areas of Rajasthan region.

**Weekly Seminars and Journal Club Meetings**

Department regularly conducted the weekly Meetings of Journal Club, Inter-Departmental Seminar, Discussions on ongoing PG Research in which students and scholars were actively participated. Faculty Members delivered their key-note lectures on these occasions for the benefit of students and scholars. Issues relating to PG and Ph.D. Thesis were discussed. Students and scholars presented their research papers in Inter-Departmental Seminars and they were permitted to held interaction with faculty members to rich their knowledge in diverse field of Ayurveda. The days determined of above mentioned activities are as under:

Name of Activity	Day of Activity
1. Meeting of Journal Club	Monday
2. Seminar	Tuesday
3. Discussion	Wednesday
4. Discussion	Thursday
5. Inter-Departmental Seminar	Friday
6. Thesis relating Procedure	Saturday

**Award :**

- Prof. Om Prakash Dadhich, Professor received Best Physician and Academician Award on 8 October 2017 by Dhanwantari Seva Samiti, Jaipur.

**Miscellaneous Activities:** The following miscellaneous activities were taken place in the Department:

Sl. No.	Name of Teachers	Activities
1.	Prof. Om Prakash Dadhich Professor	1. Delivered 3 Health Talks on Television Channels. 2. Worked as: Dean(PG Studies), Executive Editor, Journal of Ayurveda Chairman, Institute Employee Welfare Society Member, Anti-Ragging Committee

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2.	Dr. Hemraj Meena Assistant Professor	1. Worked as In-Charge OPD of NIA Hospital.
3.	Dr. Chhaju Ram Yadav Associate Professor	<p>1. Delivered TV Talks on following topics at DD Rajasthan:                      Role of Ayurved to Maintain Health (29-4-2017)                      Routine(Ayurveda) in Autumn Season (19-2-2018)</p> <p>2. Delivered on Radio Talk on Ayurveda and Skin Care on 23-2-2018.</p> <p>3. Worked as:                      Editor - Journal of Ayurveda and NIA Newsletter.                      Coordinator - Inter Departmental Seminar, Departmental Extension Lectures and Annual Sports Meet.                      Member Secretary – Media Coverage &amp; Positive News Committee                      Member – Teaching Module Development Committee, Online E-Learning Courses in Ayurveda.                      Member, Coordination Cell for International Students.                      In-Charge, Arogya Mela Unit.</p>
4.	Dr. Mahendra Prasad Assistant Professor	<p>1. Delivered 3 TV Talks on following topics on Patrika TV:                      Anidra (4-5-2017), Bipolar Disorder/Unmad (19-5-2017) and Hridaya Roga in Ayurveda (26-2-2018).</p> <p>2. Attended a 1-Day Mobile Camp organised at Village Agar, District Alwar on 25-8-2017.</p> <p>3. Participated in Arogya Mela organised by Ministry of AYUSH at New Delhi on 4-7 December 2017.</p> <p>4. Participated in State Level Ayush Health Fair – Arogya Mela organised at Bharatpur on 22-25 December 2017.</p> <p>5. Worked as:                      Member, Anti-Ragging Committee, In-Charge for Sports Goods and Member Secretary of NAAC Committee.</p>





## DEPARTMENT OF SHARIR RACHANA

### Introduction:

This Department is also a Post-Graduate Department engaged in the anatomical study, teaching prescribed in Ayurvedic scriptures, modern aspects, practical dissection of human body and demonstration through models, charts, etc. at the Under-Graduate and Post-Graduate levels.

During the year under report, 2 Professors and 3 Assistant Professors with other supporting technical and non-technical staff were working in the Department.

### Achievements

#### Academic

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Sharir Rachana were provided to students of BAMS as per Syllabus of Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University.

**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the PG Subjects were provided to PG Scholars as per Syllabus of Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University. Research works were conducted.

**C) Ph.D. Level:** Teaching, training and guidance were given to Private Ph.D. scholars on their subjects as per rules and directions of Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University. Research works were conducted.

#### Research

During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/Co-supervisor	Topic
1.	Dr. Nitin Kumar	Dr. Harish Chandra Gupta Retd. Associate Professor Dr. Vikash Bhatanagar Asstt. Professor	Comprehensive Study of Purishvaha Srotas w.s.r. to Gastro-intestinal Tract.
2.	Dr. Saurabh Jain	Dr. Harish Chandra Gupta Retd. Associate Professor Dr. Vikash Bhatanagar Asstt. Professor	Comprehensive Study of Pranvaha Srotas w.s.r. to Physio-anatomy of Respiratory System.
3.	Dr. Prabha Singh	Dr. Sunil Kumar Professor	Study of Sandhi Sharir w.s.r. to Applied Aspect of Vankshana Sandhi.
4.	Dr. Chhaya	Dr. J. Manohar Professor Dr. Sandeep Lahange Assistant Professor	Anatomical Study of Moolsthana of Artava Vaha Srotas w.s.r. to Rituchakra(Menstrual Cycle).
5.	Dr. Vikrant Thakur	Dr. Vikash Bhatanagar Asstt. Professor Dr. Shailza Bhatnagar Assistant Professor Dr. Prabhakar Vardhan Assistant Professor	Anthropometric Study of Nasal Index of North Indians w. s. r. to Sushrutokta Nasa Praman Sharir.
6.	Dr. Manish Rai	Dr. Sunil Kumar Yadav Assistant Professor	A Cadaveric and Applied Study of Sakhagat Snayu.
7.	Dr. Kunj Bihari Saini	Dr. Sandeep Lahange Assistant Professor	Analytical Study of Kora Sandhi w. s. r. to Sports Injuries and their Ayurvedic Management.

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During the year under Report, the following research works of MD(Ayurveda) Scholars were continued:

Sl.No.	Scholar	Supervisor/Co-supervisor	Topic
1.	Dr. Neelam Sagwan	Dr. Sunil Kumar Professor Dr. Sandeep M. Lahange Assistant Professor	Study on Atulyagotriya Sharira in Relation to Concept of Genetics in Ayurveda.
2.	Dr. Sonali Bisht	Dr. Sunil Kumar Professor Dr. Sarvesh Singh Assistant Professor Dr. Asit Kumar Panja Associate Professor	A Study on Applied Aspect of Asthivaha Srotas in the Purview of Bastayah Ksheerasarpishi Tiktakopahitani Cha.
3.	Dr. Avinash	Dr. J. Manohar Professor Dr. Vikash Bhatnagar Assistant Professor	A Comprehensive Study on Anatomical Consideration of Moola Sthana of Srotas in Context to Shukravaha Srotas.
4.	Dr. Shivaranjani	Dr. Vikash Bhatnaga Associate Professor Dr. Sandeep M. Lahange Associate Professor	A Survey Study on Sushrutokta Pramana Sharir of Lalata, Karna and Nayanantar and its Comparison with Modern Somatometric Measurements.
5.	Dr. Sona Rani	Dr. Sunil Kumar Yadav Associate Professor	A Cadaveric and Applied Study of Urdhwashakhagata Snayu Marma.
6.	Dr. Jyoti	Dr. Sandeep Lahange Assistant Professor Dr. Vikash Bhatnagar Associate Professor	Conceptual Study on Chaturvimshati Dhatvatmaka Purusha in Context to its Applied Aspects.
7.	Dr. Deepti	Dr. Sunil Kumar Professor	Conceptual Study on Clinical aspect of Ayurvediya Sharir Rachana.
8.	Dr. Suman Yadav	Dr. Sunil Kumar Professor	Study of Medovaha Srotas in the purview of Obesity.
9.	Dr. Anamika Kumari	Dr. J. Manohar Professor Dr. Vikash Bhatnagar Associate Professor	Critical and Analytical Study on Rasavaha Srotas.
10.	Dr. Sandhya Yadav	Dr. J. Manohar Professor Dr. Vikash Bhatnagar Associate Professor	Critical and analytical study on Pranavaha Srotas as per Charak Samhita.
11.	Dr. Vineeta Waldia	Dr. Vikash Bhatnagar Assistant Professor Dr. Sandeep M. Lahange Assistant Professor	Kinesiological Study of Balancing Poses of Arm (Asana).
12.	Dr. Dharmendra Choudhary	Dr. Sunil Kumar Yadav Associate Professor Dr. Kashinath Samagandi Assistant Professor	An Anatomical Exploration of Asana w.s.r. to Hathyoga Pradipika.
13.	Dr. Nupur Singh Solanki	Dr. Sandeep M. Lahange Assistant Professor Dr. Vikash Bhatnagar Associate Professor	Comparative Study of Sharir Sthana in the Purview of Brihatrayee.

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14.	Dr. Sandhya Yadav	Dr. J. Manohar Professor Dr. Vikash Bhatnagar Associate Professor	Critical and analytical study on Pranavaha Srotas
15.	Dr. Suman Yadav	Prof. Sunil Kumar Professor	Study of Medovaha Srotas in the purview of Obesity
16.	Dr. Vineeta Waldia	Dr. Vikash Bhatnagar Associate Professor Dr. Sandeep M. Lahange Assistant Professor	Kinesiological study of balancing poses of arm (Asana).
17.	Dr. Deepak Sewada	Prof. Sunil Kumar Professor	A Critical study of astanga samgraha and astanga hridaya in the purview of sharir rachana
18.	Dr. Lovepreet	Prof. Sunil Kumar Professor	To explore the concept of physiotherapy in ayurveda.
19.	Dr. Basanti Garnayak	Prof. Sunil Kumar Professor	Anatomical Exploration of Various Posture of Suryanamaskar w.s.r to Musculoskeletal system
20.	Dr. Jyoti Gangwal	Dr. Vikash Bhatnagar Assistant Professor Dr. Sandeep M. Lahange Assistant Professor	Relevance of the teaching methodology of human anatomy as described in Sushrut Samhita
21.	Dr. Somlata Jadoun	Dr. Sunil Kumar Yadav Assistant Professor	An anatomical exploration of standing, prone, supine and arm balancing Asana as described in Gheranda Samhita.
22.	Dr. Biswaranjan Mahanta	Dr. Sunil Kumar Yadav Assistant Professor	A cadaveric and applied study of Vaikalyakara Marma.
23.	Dr. Sunita Dudi	Dr. Sandeep M. Lahange Assistant Professor Dr. Vikash Bhatnagar Assistant Professor	Comprehensive study of Peshi Sharir in context of various types of Peshi described in Sushrut Samhita.

During the year under Report, the following Research Works of regular Ph.D. Scholars were completed:

Sl.No.	Scholar	Supervisor/Co-Supervisor	Topic
1.	Dr. Dharmendra Mishra	Prof. Sunil Kumar Professor	Comprehensive exploration of Sharir terms described in Ayurveda in the purview of Sharir Rachana.
2.	Dr. Teena Jain	Dr. Sunil Kumar Yadav Assistant Professor	Peshi Sharira: A Study Based on Dissection w.s.r. to <i>Strinam vinshatirevadhika</i> .

During the year under Report, the following Research Works of regular Ph.D. Scholars were continued:

Sl.No.	Scholar	Supervisor/Co-Supervisor	Topic
1.	Dr. Nishi Jain	Dr. Sunil Kumar Yadav Assistant Professor	An Analytical Study of Marma and Acupressure points on the basis of their Anatomy.
2.	Dr. Anil Kumar Joshi	Prof. Sunil Kumar Professor	A Comprehensive Study of Snayu Sharir and effect of Agnikarma in Snayugata Vata.
3.	Dr. Janinjith C	Prof. Sunil Kumar Professor	An Anatomical Assessment of Asana as per Gheranda Samhita with special reference to Asana involving in Sitting Posture.

**Clinical**

Clinical services were rendered to Indoor and Outdoor patients of the hospitals by this Department. Faculty Members of the Department were also participated in the Mobile Clinical Camps organized in SC and ST inhabited areas.

**Publication:**

**(A) Articles Published in Journals/Magazines:**

Sl.No.	Author's Name	Title	Publication Details
1.	Prof. Sunil Kumar Professor	A Critical Evaluation of Stress and its Management through Yoga.	World Journal of Pharmaceutical Research ISSN- 2277-7105 March 2018
2.	Prof. Sunil Kumar Professor	Medico Surgical Importance of Dash Pranayatan.	Ojus Panchakarma For National Conclave On Medico-Surgical Perspective of Ayurvediya Sharir December 2017 ISSN- 2454-7832
3.	Prof. Sunil Kumar Professor	Surgical References in Sushruta Samhita and its Modern Correlation.	Ojus Panchakarma, For National Conclave On Medico-Surgical Perspective of Ayurvediya Sharir 2017, ISSN- 2454-7832
4.	Prof. Sunil Kumar Professor	Analytical Study on Asthivaha Srotas & its Applied Aspect.	World Journal of Pharmaceutical Research October 2017, ISSN- 2277-7105
5.	Prof. Sunil Kumar Associate Professor	The Surgical Importance of Indravasti Marma: A Review.	Ojus Panchakarma, For National Conclave On Medico- Surgical Prespective of Ayurvediya Sharir September 2017 ISSN-2454-7832
6.	Prof. Sunil Kumar Professor	Efficacy of Agnikarma in Sciatica:-A Case Study.	World Journal of Pharmaceutical Research July 2017, ISSN- 2277-7105
7.	Prof. Sunil Kumar Professor	A Case Report of Successful Ayurvedic Management of Facial Paralysis.	World Journal Of Pharmaceutical And Medical Research May 2017 ISSN-2455-3301
8.	Dr. Vikash Bhatnagar Associate Professor	Anthropometric study of Adhah Shakha w.s.r. to Anguli Pramana Described in Brihatrayi.	Journal of Ayurveda, October-December Vol. XI-4 ISSN-2321-0435
9.	Dr. Vikash Bhatnagar Associate Professor	An Analytical Outlook On Concept Of Foetal Anomalies In Ayurveda With Special Reference To Its Etiopathogenesis.	European Journal Of Pharmaceutical And Medical Research Review Article, ISSN 2394-3211 2017,4(05), 289-295 SJIF Impact Factor :4.016 April 2017
10.	Dr. Vikash Bhatnagar Associate Professor	A Review Study On The Concepts Of Human Anatomy In Ayurveda.	International Journal of Current Medical and Pharmaceutical Research ISSN 2395-6429, Impact Factor 4.656 28-4-2017
11.	Dr. Vikash Bhatnagar Associate Professor	Anatomical Concept Of Srotas Sharir	World Journal of Pharmaceutical Research Volume 6, Issue 6 Review Article ISSN 2277- 7105 SJIF Impact Factor 7.523 31-5-2017

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12.	Dr. Vikash Bhatnagar Associate Professor	Critical Evaluation On Meticulousness Of Yoga Asana In The Management Of Tamak Shwasa (Bronchial Asthma).	European Journal Of Pharmaceutical And Medical Research ISSN 2394-3211, 2017, 4(6) SJIF Impact Factor : 4.016 June 2017
13.	Dr. Vikash Bhatnagar Associate Professor	Anthropometry In Ayurveda W.S.R. To Suśrutokta Angula Pramāna Śārira.	International Journal of Advanced Research (IJAR), ISSN 2320-5407 Impact Factor : 6.896 June 2017
14.	Dr. Vikash Bhatnagar Associate Professor	Anatomical Exploration of Lohitaksha Marma of Urdhwa Shakha	European Journal Of Pharmaceutical And Medical Research Review Article ISSN 2394-3211, 4(11) SJIF Impact factor:4.161 October 2017
15.	Dr. Vikash Bhatnagar Associate Professor	A critical review Study on contribution of Ayurveda to Modern Surgery.	Open Access Journal of Surgery MSID 555693(2017), 001-008 26-10-2017
16.	Dr. Vikash Bhatnagar Associate Professor	Anatomical Exploration of geriatrics changes in CNS wsr to Parkinsonism	European Journal Of Pharmaceutical And Medical Research Review Article, October 2017 ISSN 2394-3211, 4(11) SJIF Impact Factor : 4.161
17.	Dr. Vikash Bhatnagar Associate Professor	An Anatomical Consideration Of Concept Of Srotas In Present Era And Its Consequence In Sports.	World Journal of Pharmaceutical and Life Sciences December 2017 ISSN 2454-2229, Vol. 4, Issue 1 Impact Factor : 4.223
18.	Dr. Vikash Bhatnagar Associate Professor	A Critical Review Study On Dissection Techniques In Ancient Indian Anatomy In Context To Its Clinical Significance.	World Journal of Pharmaceutical And Medical Research, 2017, 3(9) ISSN 2455-3301 SJIF Impact Factor : 4.105
19.	Dr. Vikash Bhatnagar Associate Professor	Clinical aspect of Temporal Region wsr to Srungataka Marma as descriubed in Indian system of medicine.	World Journal of Pharmaceutical Research March 2018 Volume-7, Issue-6 ISSN 2277-7105 SJIF Impact Factor: 8.074
20.	Dr. Vikash Bhatnagar Associate Professor	A Critical Review Study On The Concept Of Manas In Ayurveda And Its Consequence In Present Epoch	European Journal Of Pharmaceutical And Medical Research Review Article, June 2017 ISSN 2394-3211, 4(7) SJIF Impact Factor: 4.106
21.	Dr. Vikash Bhatnagar Associate Professor	Critical appraisal on Anthropometric aspect of diabetes mellitus.	Journal of Ayurveda ISSN 2321-0435 January-March 2017
22.	Dr. Vikash Bhatnagar Associate Professor	A critical review study on history of Indian Anatomy.	World Journal of Pharmaceutical And Medical Research, ISSN 2455-3301, 8-06-2017
23.	Dr. Vikash Bhatnagar Associate Professor	The Concept Of Male Sexual And Reproductive Health In Ayurveda.	European Journal Of Pharmaceutical And Medical Research Review Article, June 2017 ISSN 2394-3211, 4(7) SJIF Impact Factor: 4.161
24.	Dr.Sunil Kumar Yadav Associate Professor	Rachana Sharir Vigyan- 2nd	ISBN 9789384276447 Ayurveda Sanskrit Hindi Pustak Bhandar Jhalaniyo Ka Rasta, Kishanpole Bazar, Jaipur

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25.	Dr.Sunil Kumar Yadav Associate Professor	Rachana Sharir Vigyan- 1st	ISBN NO 9789384276744 Ayurveda Sanskrit Hindi Pustak Bhandar Jhalaniyo ka Rasta, Jaipur
26.	Dr. Sunil Kumar Yadav Associate Professor	Abhayang ka Sharir- Rachanatmak Mahatv	Ayurveda Udghosh Vol. 1, Issue January-June 2017 Reg. No. RAJHIN/2013/49854
27.	Dr. Sunil Kumar Yadav Associate Professor	Yoga And Diabetes Mellitus: Recommendations And Benefits- Systematic Review	International Journal of Ayurvedic and Herbal Medicine 7:4(2017) 2651-2650(IJAHM) Volume : 7, Issue : 4, Jul-Aug 2017 ISSN:2249-5746
28.	Dr. Sunil Kumar Yadav Associate Professor	Analysis of Matraka Marma Based on Neck Injuries Management	Peer Reviewed Research Journal of Holistic Health Volume : 8, Issue : 7, Sept. 2017 ISSN:2454-7832
29.	Dr. Sunil Kumar Yadav Associate Professor	An Analytical Study of Trimarma in Brihatrayi,	Indian Journal Of Odyssey Of Ayurvedic Research Volume : 1, Issue : 4, March 2017 ISSN-2456-432X
30.	Dr. Sunil Kumar Yadav Associate Professor	Achara Rasayan - A Behavioural Therapy In Ayurveda to Promote Health and Happiness	International Journal of Ayurveda and Pharma Research (IJAPR) Volume :6, Issue : 1, January 2018 ISSN-2322-0902(P)-0910(O)
31.	Dr. Sunil Kumar Yadav Associate Professor	Anatomical Study of Artavaha Srotasa W.S.R To Tasaya Tu Tratiye Avarthe Garbhashaya Pratishthitha	Parifex-Indian Journal of Research (PIJR), Volume : 7, Issue : 3 March-2018 ISSN-2250-1991 Impact Factor - 6.761
32.	Dr. Sandeep M. Lahange Assistant Professor	Anthropometric study of Adhah Shakha w.s.r. to Anguli Pramana Described in Brihatrayi	Journal of Ayurveda October-December, Vol. XI-4 ISSN 2321-0435
33.	Dr. Sandeep M. Lahange Assistant Professor	Critical appraisal on Anthropometric aspect of diabetes mellitus	Journal of Ayurveda, January-March 2017 ISSN 2321-0435
34.	Dr. Sandeep M. Lahange Assistant Professor	A critical review study on history of Indian anatomy	World Journal of Pharmaceutical and Medical Research, 8-6-2017 ISSN No. 2455-3301
35.	Dr. Sandeep M. Lahange Assistant Professor	The Concept Of Male Sexual And Reproductive Health In Ayurveda	European Journal Of Pharmaceutical And Medical Research Review Article, June 2017, 2017, 4(7) ISSN 2394-3211 SJIF Impact Factor:4.161
36.	Dr. Sandeep M. Lahange Assistant Professor	A Critical Review Study On History Of Indian Anatomy	World Journal of Pharmaceutical and Medical Research June 2017, 3(6), ISSN 2277- 7105 SJIF Impact factor:4.105
37.	Dr. Sandeep M. Lahange Assistant Professor	A Review Study On The Concepts Of Human Anatomy In Ayurveda	International Journal of Current Medical and Pharmaceutical Research, April, 2017, ISSN:2395-6429 Impact Factor 4.656
38.	Dr. Sandeep M. Lahange Assistant Professor	A Review Study on Mritsamshodhana Paddhati: A Technique of Embalming and Dissection in Ancient Indian Anatomy	Indian Journal of Anatomy Red Flower Publication Review Article January-February 2018 Vol 7 No 1 DOI:http://dx.doi.org/10.21088/ija. 2320.0022.7118.18

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39.	Dr. Sandeep M. Lahange Assistant Professor	Critical Evaluation On Meticulousness Of Yoga Asana In The Management Of Tamak Shwasa (Bronchial Asthma)	European Journal of Pharmaceutical and Medical Research June 2017, 4(6), ISSN 2394-3211 SJIF Impact Factor:4.016
40.	Dr. Sandeep M. Lahange Assistant Professor	A Critical Review on Artavavaha Srotas as Concept of Female Reproductive System in Ayurveda	Intervention in Gynecology & Women's Health, Lupine Publishers Open Access Peer Reviewed Journal MS.ID. 000107, Volume 1, Issue 2: 2018, Published: January 10, 2018
41.	Dr. Sandeep M. Lahange Assistant Professor	A Critical Review Study On The Concept Of Manas In Ayurveda And Its Consequence In Present Epoch	European Journal Of Pharmaceutical And Medical Research June 2017, 4(7), Review Article ISSN 2394-3211 SJIF Impact Factor : 4.106
42.	Dr. Sandeep M. Lahange Assistant Professor	The Concept Of Male Sexual And Reproductive Health In Ayurveda	European Journal Of Pharmaceutical And Medical Research Review Article, June 2017, 4(7) ISSN 2394-3211 SJIF Impact factor:4.161
43.	Dr. Sandeep M. Lahange Assistant Professor	A Critical Review Study On History Of Indian Anatomy	World Journal of Pharmaceutical and Medical Research 2455-3301 Wjpmr, 2017 June 2017, 3(6), ISSN 2277- 7105 SJIF Impact Factor: 4.105
44.	Dr. Sandeep M. Lahange Assistant Professor	A critical review Study on contribution of Ayurveda to Modern Surgery	Open Access Journal of Surgery 26-10- 2017 MS ID 555693(2017)
45.	Dr. Sandeep M. Lahange Assistant Professor	Anatomical Exploration of geriatrics changes in CNS wsr to Parkinsonism	European Journal of Pharmaceutical and Medical Research Review Article, ISSN 2394-3211 October 2017, 4(11) SJIF Impact Factor : 4.161
46.	Dr. Sandeep M. Lahange Assistant Professor	Anatomical Exploration of Lohitaksha Marma of Urdhwa Shakha	European Journal of Pharmaceutical and Medical Research, Review Article ISSN 2394-3211, October 2017 Ejpmr, 4(11), 270-272 SJIF Impact factor : 4.161
47.	Dr. Sandeep M. Lahange Assistant Professor	An Anatomical Consideration Of Concept Of Srotas In Present Era And Its Consequence In Sports	World Journal of Pharmaceutical and Life Sciences, Dec, 2017 Vol.4, Issue 1 ISSN 2454-2229 Impact Factor: 4.223
48.	Dr. Sandeep M. Lahange Assistant Professor	A Critical Review Study On Dissection Techniques In Ancient Indian Anatomy In Context To Its Clinical Significance	World Journal of Pharmaceutical And Medical Research October 2017, 3(9) ISSN 2455-3301 SJIF Impact Factor : 4.105
49.	Dr. Sandeep M. Lahange Assistant Professor	A momentous review study on concept of dentistry in Ayurveda in the purview of Sharir Rachana	Journal of Human Anatomy Midwin Publishers November 2017

**(B) Participation in Workshops/Seminars/CME Programs and Research Paper Presentation:**

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar	Title of Research Paper Presented
1.	Prof. Sunil Kumar Professor	National Workshop on Marma Chikitsa organized by National Ayurveda Research Institute for Panchakrama, Cheruthuruthy, Kerala	Participated as Delegate.

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2.	Prof. Sunil Kumar Professor	National Conclave on Medico –Surgical Prospective of Ayurvediya Sharir, organized in Raipur, Chattisgarh, on 2-3 September 2017.	Participated as Delegate.
3.	Prof. Sunil Kumar, Prof. Dr. J. Manohar, Professor Dr. Vikash Bhatnagar Associate Professor Dr. Sunil Kumar Yadav Associate Professor	CME Program on “The Management of Arshas/Hemorrhoids” on the occasion of World Piles day organize by PG Department of Shalya Tantra of the Institute on 20 November 2017.	Participated as Delegates.
4.	Prof. Sunil Kumar, Prof. Dr. J. Manohar, Professor Dr. Vikash Bhatnagar Associate Professor Dr. Sunil Kumar Yadav Associate Professor	Workshop on Introduction to Research Methodology & Ethics in Research organised by National Institute of Ayurveda from 27-30 Novembr 2017.	Participated as Delegates.
5.	Prof. Sunil Kumar, Prof. Dr. J. Manohar, Professor Dr. Vikash Bhatnagar Associate Professor Dr. Sunil Kumar Yadav Associate Professor	HindiWorkshop organized on 14 December 2017 by the Institute.	Participated as Delegates.
6.	Prof. Sunil Kumar, Prof. Dr. J. Manohar, Professor Dr. Vikash Bhatnagar Associate Professor Dr. Sunil Kumar Yadav Associate Professor	Symposium on Pain Management through Ayurveda, sponsored by Oushadhi, organized by National Institute of Ayurveda, Jaipur, on 12 January 2018.	Participated as Delegates.
7.	Prof.Sunil Kumar, Prof. Dr. J. Manohar, Professor Dr. Vikash Bhatnagar Associate Professor Dr. Sunil Kumar Yadav Associate Professor	National Workshop-cum-Training Programme on Cancer-2018 on 17-18 January 2018, organized by NIA, Jaipur.	Participated as Delegates.
8.	Prof. Sunil Kumar, Prof. Dr. J. Manohar, Professor Dr. Vikash Bhatnagar Assistant Professor Dr. Sunil Kumar Yadav Assistant Professor	Seminar on Development and Validation of Assessment Criteria of Ushnadi Guna of Pitta Dosha, NIA, Jaipur on 2-3 Feb 2018.	Participated as Delegates.
9.	Prof.Sunil Kumar, Prof. Dr. J. Manohar, Professor Dr. Vikash Bhatnagar Assistant Professor Dr. Sunil Kumar Yadav Assistant Professor	CME Program on “The Management of Ashmari/ Urolithiasis” on the occasion of World Kidney Day on 8 March 2018 organized by PG Department of Shalyatantra of the Institute.	Participated as Delegates.
10.	Prof. Sunil Kumar, Prof. Dr. J. Manohar, Professor Dr. Vikash Bhatnagar Assistant Professor Dr. Sunil Kumar Yadav Assistant Professor	Workshop on Charaka Chintan organized by the Institute on 15-19 May 2017.	Participated as Delegates.
11.	Dr. Vikash Bhatnagar Assistant Professor	Seminar on Chronic Ailments and Ayurveda held on 27-28 October 2017 at Rajiv Gandhi Govt Post Graduate Ayurveda College Paprola, HP.	Participated as Delegate.
12.	Dr. Vikash Bhatnagar Assistant Professor	Seminar on Role of Ayurveda in Basic Healthcare Service of Bharat held on 16-12-2017 at MSM Institute of Ayurveda Khanpur Kalan, Sonipat, Haryana.	Participated as Delegate.



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13.	Dr. Sunil Kumar Yadav Assistant Professor	5 <sup>th</sup> International Mrityunjay Mission Training Course on Marma Science and Marma Therapy, organized at Haridwar, Uttarakhand, from 24/04/2017 to 04/2017.	Participated as Delegate.
14.	Dr. Sunil Kumar Yadav Assistant Professor	National Seminar on Importance of Anatomical Aspect of Trimarma held on 9-12-2017 at S.B. Ayurvedic Medical College and Hospital, Farrukhabad.	Anatomy of Trimarma.
15.	Dr. Sunil Kumar Yadav Assistant Professor	National Seminar on Recent and Future Prospects of Srotas Sharir held on 29-12-2017.	An anatomical consideration of Concept of Srotas in Present Era and its consequences in Sports
16.	Dr. Sunil Kumar Yadav Assistant Professor	Rajasthan Conclave-5, organized by Desert Medicine Research Centre on 13-16 December 2017 at Jodhpur.	Momentous review study on role of Ayurveda medicine in the management of musculoskeletal sports injuries.

The PG and Ph.D Scholars of the Department have actively participated in the following national and International Seminar/Conferences/Workshops etc. organized at different places in the country:

Sl. No.	Name of PG and Ph.D Scholar	Name of Topic /Details of Conferences/ Seminars/ Date
1.	Dr. Vineeta Waldia Dr. Sandhya yadav Dr. Noopur Singh Solanki Dr. Dharmendra Choudhary	Paper presentation in AAICON-2017, AYUSHYA-AMRITAM - An International Conference on Evidence Based Ayurveda & Life Sciences, held on 16-17 April, 2017, IVRI, Izzatnagar, Bareilly(U.P.).
2.	Dr. Shivaranjani.B. Dr. Neelam Sagwan Dr. Vineeta Waldia Dr. Sandhya Yadav Dr. Noopur Singh Solanki Dr. Dharmendra Choudhary Dr. Suman Yadav and Dr. Deepti	National Seminar on Recent Advances and Future Prospects of Srotas Sharir organised by BHU, Varanasi on 29 April 2017.
3.	Dr. Manish Rai Dr. Dharmendra	Participated in the Free Mobile Ayurveda Medical Camp, organised by the Institute at Abu Road, Sirohi from 22-27 May, 2017.
4.	Dr. Shivaranjani B.	Participated in a Competition organized by Himalaya Company, Manthana, on 7 July 2017.
5.	Dr. Avinash Baberwal Dr. Dharmendra Choudhary	Participated in the Free Mobile Ayurveda Medical Camp, organized by the Institute in tribal area of Udaipur from 21-23 August 2017.
6.	Dr. Kunj Bihari Nitin .Dr	Participated in the Free Mobile Ayurveda Medical Camp organized by the Institute in Tribal Area at Gogunda, Udaipur from 21-23 August 2017.
7.	Dr. Nishi Jain Dr. Sonali Bisht	Paper Presentation in National Conclave on Medico-Surgical Perspective of Ayurvediya Sharir on 3 September 2017 held at Raipur, Chhattisgarh.
8.	Dr. Sonali Bisht	Paper presentation on "Review of Panchtikta Ksheera Basti w.s.r. to Osteoporosis" at Seminar on Chronic Ailments & Ayurveda, Rajiv Gandhi Govt. Post Graduate Ayurveda College Paprola, HP organised on 27-28 October 2017, Paprola.
9.	Dr. Deepak Sewada	Participated in Free Mobile Ayurveda Medical Camp organised by the Institute at Laxamangarh, Sikar from 20-23 November 2017.
10.	Dr. Neelam Sagwan Dr. Shivaranjani.B. Dr. Deepak Sewada	Participated in workshop on excellence in writing skills for Ayurved Scholars on 26 Nov 2017 organized by Vishwa Ayurved Parishad, State Unit Rajasthan.

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11.	Dr. Neelam Sagwan Dr. Jyoti Gangwal Dr. Deepak Sewada	Participated in 1 <sup>st</sup> State Level Skill Development Workshop” on “Day to Day OPD Management with AYUSH” organised by National Institute of Ayurveda, Jaipur on 09-12-2017.
12.	Dr. Deepak Sewada	Training Workshop on “Introduction to Vaccination” on 24-01-2018 to 25-01-2018.
13.	Dr. Somlata Jadoun Dr. Vineeta Waldia Dr. Sonali Bisht	Nutricon-2018, a National Conference on Management of Nutritional Disorders Challenges & Scope” organized by Pt. Khushilal Sharma Government (Autonomous) Ayurveda College and Institute, Bhopal, 19th & 20th January 2018.
14.	Dr. Nishi Jain Dr. Noopur Singh Solanki Dr. Sonali Bisht Dr. Deepti Dr. Avinash Baberwal Dr. Dharmendra Choudhary	Participated in National Workshop on Cadaver Dissection at J.S. Ayurveda Mahavidyalaya and P.D. Patel Ayurveda Hospital, Nadiad from 12 to 16 <sup>th</sup> March 2018.
15	All P.G. and Ph.D. Scholars participated in the First National Ayurveda Youth Festival from 14-16 September 2017.	
16	All P.G. and Ph.D. Scholars actively participated in Guinness World Book Record attempt “Largest number of people receiving NASYA therapy” during 1 <sup>st</sup> Rashtriya Ayurveda Yuva Mahotsava held at National Institute Of Ayurveda, Jaipur 15 September 2017.	
17	Dr. Shivranjani B. secured second position in the Elocution competition and qualified for the zonal level in the First National Ayurveda Youth Festival from 14-16 September 2017.	
18	Dr. Noopur Singh Solanki – Antakshari winner in Annual sports and cultural program, held at National Institute Of Ayurveda, Jaipur, held on 21-30 January, 2018.	
19	Dr. Nishi Jain – Carom runner up in Annual sports and cultural program, held at National Institute of Ayurveda, Jaipur, held on 21-30 January, 2018.	
20	Dr. Dharmendra Choudhary –Quiz winner in Annual Sports and Cultural Program, held at National Institute Of Ayurveda, Jaipur on 21-30 January, 2018.	
21	All P.G. and Ph.D. Scholars attended National Workshop-cum-Training Programme on Cancer-2018, on 17-18 January 2018, organized by NIA, Jaipur	
22	All P.G. and Ph.D. Scholars attended CME Program on “The Management of Ashmari/Urolithiasis” on the occasion of World Kidney Day on 8 March 2018 organized by PG Department of Shalyatantra, NIA, Jaipur.	

### Miscellaneous Activities:

The following miscellaneous activities were taken place in the Department:

1. Prof. Sunil Kumar, Professor - Badminton Doubles Runner up, Annual Sports and Cultural Program, held at National Institute Of Ayurveda, Jaipur, on 21-30 January, 2018
2. Prof. J. Manohar, Professor participated in Arogya Mela organised in Vishakhapattnam, Andhra Pradesh on 8-11 September 2017.
3. Dr. Sunil Kumar Yadav was appointed as Head of the Accommodation Committee of National Ayurveda Youth Festival held on 14-16 September 2017.
4. Dr. Sunil Kumar Yadav was appointed as Member of the Discipline Committee of National Ayurveda Youth Festival held on 14-16 September 2017.
5. Dr. Sunil Kumar Yadav was appointed as Member Secretary of the Health and Hygiene Committee of National Ayurveda Youth Festival held on 14-16 September 2017.
6. Dr. Sandeep M. Lahange was appointed as Member of the Food Distribution Management Committee and Organizing Committee of National Ayurveda Youth Festival held on 14-16 September 2017.
7. All the Faculty members of the Department participated in the First National Ayurveda Youth Festival held on 14-16 September 2017.
8. All the Faculty Members actively participated in GUINNES WORLD BOOK RECORD Attempt "Largest number of people receiving NASYA therapy", 1st Rashtriya Ayurveda Yuva Mahotsava, held at National Institute of Ayurveda, Jaipur on 15 September 2017.



## DEPARTMENT OF SWASTHA VRITTA

### Introduction:

Swastha Vritta deals with Ayurvedic lifestyle and maintenance of the health. Swastha Vritta mainly emphasizes on proper daily regimen as well as seasonal regimen, day-to-day living like morning routine, cleanliness, evening routine, night routine etc. including Sadvritta. The Department imparts Under Graduate and Post Graduate education and training in personal hygiene, prevention of contagious diseases, Preventive and Promotive aspects of health, etc. In addition to this, practical training in *Yoga* and Nature Cure is also given to students. There is a *Yoga* Unit attached to this Department conducting *Yogasanas* etc. early morning every day.

During the year under report 1 Professor, 1 Associate Professor and 3 Assistant Professor with other supporting technical and non-technical staff were working in the Department.

### Achievements

#### Academic:

**A) Under-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance in the subject of Swastha Vritta were provided to BAMS.

**B) Post-Graduate Level:** During the year, theoretical as well as practical teaching, training and guidance were provided to M.D. Scholars on their research topics with reference to special diseases.

**C) Ph.D. Level:** Teaching, training and guidance were given to Ph.D. scholars on their subjects as per rules and directions of Rajasthan Ayurved University. Research works were also conducted.

#### Research:

During the year under Report, the following research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Shantanu Tiwari	Dr. Kamalesh Kumar Sharma Professor Dr. Sarvesh Kumar Agrawal Asstt. Professor	A Clinical Trial to Evaluate the Role of Pranayama in Pre-Hypertension.
2.	Dr. Namit Kumar Patni	Dr. Kamalesh Kumar Sharma Professor Dr. Kashinath Samgandi Asstt. Professor	A Survey Study to Evaluate the Role of Raktadaan in Physical Health Status with special reference to QOL.
3.	Dr. Gajendra Kumar Dube	Dr. Kamalesh Kumar Sharma Professor	A Comparative Study of Kapal Bhati and Paschimottanasana in Sthaulya.
4.	Dr. Astha Sharma	Dr. Durgavati Devi Associate Professor Dr. Rakesh Kumar Nagar Assistant Professor	Study to Evaluate the Role of Santarpan Manth in Protein Energy Malnutrition (PEM).
5.	Dr. Ravina Mehra	Dr. Kashinath Samgandi Asstt. Professor	Study to Evaluate the Preventive Effect of Pratimarshya Nasya and Dhumapana in Tamak Shwasa w.s.r. to Seasonal Bronchial Asthma.
6.	Dr. Hari Prasad Sharma	Dr. Kamalesh Kumar Sharma Professor Dr. Kashinath Samgandi Asstt. Professor	Role of Siddharthak Snan and Ayurvedic Lepa as a Pathya in Shwitra w.s.r. to Dinacharya.
7.	Dr. Prem Yadav	Dr. Sarvesh Kumar Agrawal Asstt. Professor	An Analytical Study on Vasanta Ritucharya.

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During the year under Report, the following research works of MD(Ayurveda) Scholars were continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Harjeet Kaur	Dr. Sarvesh Kumar Agrawal Asstt. Professor	A Randomized Comparative Trial to assess the Varnya Effect of Raktachandanadi Lepa and Yavadi Lepa.
2.	Dr. Shambhu Dayal	Dr. Kashinath Samgandi Asstt. Professor	An Analytical Study to access the Effect of Kalusha Prasadana Dravya in Purification of Water.
3.	Dr. Poonam	Dr. Durgavati Devi Associate Professor Dr. Ravi Kumar Asstt. Professor	A Controlled Clinical Study to evaluate the Effect of Yoga Practice in Non-Bleeding Prolapsing Haemorrhoids.
4.	Dr. Mamta Saini	Dr. Kamalesh Kumar Sharma Professor Dr. Sarvesh Kumar Agrawal Asstt. Professor	A Randomized Controlled Trial to assess the Effect of Pathya Ahara in Grahani.
5.	Dr. Jitendra Kumar Suhag	Dr. Kamalesh Kumar Sharma Professor Dr. Sarvesh Kumar Agrawal Asstt. Professor	A Randomised Comparative Clinical Trial to assess the Amlapittahara Effect of Dhanyaka Hima and Kunjala Kriya.
6.	Dr. Puneet Chaturvedi	Dr. Durgavati Devi Associate Professor	A Case Control Study to evaluate the Quality of Life w.s.r. to Brahmamuhurata Jagarana.
7.	Dr. Poonam Tatarwal	Dr. Kamalesh Kumar Sharma Professor Dr. Kashinath Samagandi Asstt. Professor	Assessment of Mukhadushikahar Prabhav Pratimarsha Nasya : A Randomized Comparative Study.
8.	Dr. Namrita Yadav	Dr. Kamalesh Kumar Sharma Professor Dr. Hetal Dave Assistant Professor Dr. Kashinath Samagandi Asstt. Professor	A Randomized Comparative Clinical to Evaluate the Effect of the Satvaryadi Churn in Post Menopausal Syndrome.
9.	Dr. Puja Saini	Dr. Sarvesh Kumar Agrawal Asstt. Professor	A Controlled Clinical Trial to Evaluate the Laxative Effect of Diet with Triphala Churna in Vibandha w.s.r. to Constipation.
10.	Dr. Surendra Pal	Dr. Kamalesh Kumar Sharma Professor Dr. Sarvesh Kumar Agrawal Asstt. Professor	A Surevy Study to Assess the Status of Bala and Morbidity among the Individual of Jaipur City in Yamadanstra Kala.
11.	Dr. Kiran Sharma	Dr. Durgavati Devi Associate Professor Dr. Hetal Dave Assistant Professor	A Controlled Clinical Study to Evaluate the Effect of Kulattha Yusha as Pathya in Aartava Kshaya.
12.	Dr. Rangoli Rani Chauhan	Dr. Kashinath Samagandi Asstt. Professor	A Clinical Comparative Study to Access the Effectiveness of Astaguna Manda and Jvarahara Phanta Siddha Manda in Jvara.
13.	Dr. Suresh Kumar	Dr. Ravi Kumar Asstt. Professor Dr. Ajay Kumar Sahu Assistant Professor	A Randomized Clinical Study to Compare Effect of Yoga Therapy and Brisk Walking on Serum TSH in Subclinical Hypothyroidism.
14.	Dr. Namita Patel	Dr. Kamalesh Kumar Sharma Professor Dr. Durgavati Devi Associate Professor	A Comparative Clinical Study to Evaluate the Effect of Dashmool Kwath Nadi Sweda and Local Steam Bath in Sandhigata Vata.

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During the year under Report, the following research works of Ph.D.(Ayurveda) Scholars were continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Ekta	Prof. Kamalesh Kumar Sharma Professor	A Clinical Study on Triphala Kwatha Gundusha in Prevention of Dantamulgata Roga (Periodontal Diseases) in Madhumeha (Diabetes Mellitus).
2.	Dr. Anamika Rai	Dr. Durgavati Devi Assicuate Professor	A Survey Study to assess the Status of Bala according to various Ritu in Healthy Individual.
3.	Dr. Gajendra Dube	Dr. Durgavati Devi Assicuate Professor	--

### Clinical:

Diagnosis and treatment facilities were provided to patients in Indoor and as well as Outdoor of the hospitals by teachers, PG and Ph.D. Scholars of the Department.

### Publication:

#### (A) Book Publication

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Gheranda Samhita	Ayurveda Hindi Sanskrit Pustak Bhandar, Jaipur ISBN 9789338477

#### (B) Articles Published in Journals/Magazines:

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Durgavati Devi Associate Professor	Non-Insulin Dependent Diabetes Mellitus में गोमूत्र भावित मेथिका बीज पूर्ण तथा सूक्ष्म व्यायाम का चिकित्सकीय प्रभाव का अध्ययन।	Journal of Ayurveda July-September 2014
2.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Food : Time and Interval	Health News Magazine Banaras Hindu University September, 2017
3.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Speech Problem	Rajasthan Patrika 2-9-2017
4.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Food Poisoning	Rajasthan Patrika 9-2-2018
5.	Dr. Sarvesh Kumar Agrawal Assistant Professor	A Critical Analysis of Sugarcane Based Sweetness and Their Effect.	Internation Journal of Ayurveda Volume 2, Issue 3 July-September 2017 ISSN 2455-6246
6.	Dr. Ravi Kumar Asstt. Professor	Critical Review of Cow Ghee in take its relation with Prameha or Diabetes.	WJPR Volume 7, Issue 4 2018 Impact Factor 8.074

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**(C) Participation in Workshops/Seminars/CME Programs :**

<b>Sl.No.</b>	<b>Name of Faculty Member and Scholar</b>	<b>Details of Workshop/Seminar</b>
1.	Prof. Kamalesh Kumar Sharma Professor	<ol style="list-style-type: none"> <li>1. Re-Orientation Training Program organised by Vidhyanagar Ayurved College, Anand, Gujrat on 8 December 2017.</li> <li>2. National Seminar on Pain Management through Ayurved "Vedanasthapanam-2018" held at M.M.M. Govt. Ayurved College, Udaipur from 17-18 Feb., 2018.</li> <li>3. National Conference on Management of Nutritional Disorders – Challenges and Scope – NUTRICON 2018 held at Pt. Khushilal Sharma Government Ayurved College and Institute, Bhopal on 18-19 January 2018.</li> <li>4. National Workshop cum Training on Cancer-2018 at NIA, Jaipur from 17-18 January 2018.</li> <li>5. AAAIC-2017, Ayushya-Amritam, an International Conference on Evidence Based Ayurveda and Life Sciences held on 16-17 April, 2017 at Indian Veterinary Research Institute, Izzat Nagar, Bareilly, Uttar Pradesh.</li> </ol>
2.	Dr. Durgavati Devi Associate Professor	<ol style="list-style-type: none"> <li>1. One Day Hindi Workshop organised by NIA on 14 December 2017.</li> <li>2. Participated National Seminar on Yoga – Yoga-Sastra-Sangamam – organised by Vivekananda Kendra, Kanyakumari on 6-8 January 2018 and presented a Paper titled Samadhi Sadhana of Hatha Yoga.</li> </ol>
3.	Dr. Sarvesh Kumar Agrawal Assistant Professor	<ol style="list-style-type: none"> <li>1. Symposium on Pain Management through Ayurveda, sponsored by Oushadhi, organized by National Institute of Ayurveda, Jaipur, on 12 January 2018.</li> <li>2. Participated in National Seminar on Integrated approach in Management of Psychosomatic Disorders organised by Mahaveer Ayurvedic Medical College and Hospital and Vishwa Ayurveda Parishad, Meerut on 7-4-2018 and Paper presented on Role of Diet and Yoga in Psychosomatic Disorders.</li> </ol>
3.	Dr. Kashi Nath Samagandi Assistant Professor	<ol style="list-style-type: none"> <li>1. Workshop on Research Methodology and Good Clinical Practices organised by Target Institute of Medical Education and Research, Mumbai at National Institute of Ayurveda, Jaipur on 10 June 2017.</li> <li>2. Symposium on Pain Management through Ayurveda, sponsored by Oushadhi, organized by National Institute of Ayurveda, Jaipur, on 12 January 2018.</li> <li>3. National Seminar on Integrated approach in Management of Psychosomatic Disorders organised by Mahaveer Ayurvedic Medical College and Hospital and Vishwa Ayurveda Parishad, Meerut on 7-4-2018.</li> <li>4. One Day Hindi Workshop organised by NIA on 14 December 2017.</li> <li>5. National Workshop cum Training on Cancer-2018 at NIA, Jaipur from 17-18 January 2018.</li> <li>6. CME Program on "The Management of Arshas/Hemorrhoids" on the occasion of World Piles day organize by PG Department of Shalya Tantra of the Institute on 20 November 2017.</li> <li>7. CME Program on "The Management of Ashmari/Urolithiasis" on the occasion of World Kidney Day on 8 March 2018 organized by PG Department of Shalyatantra of the Institute.</li> <li>8. CME Program on Fetal Medicine organised by Aakriti Labs., Jaipur.</li> </ol>

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4.	Dr. Ravi Kumar Assistant Professor	<ol style="list-style-type: none"> <li>1. Workshop on Charaka Chintan organized by the Institute on 15-19 May 2017.</li> <li>2. National Workshop cum Training on Cancer-2018 at NIA, Jaipur from 17-18 January 2018.</li> <li>3. CME Program on "The Management of Ashmari/Urolithiasis" on the occasion of World Kidney Day on 8 March 2018 organized by PG Department of Shalyatantra of the Institute.</li> <li>4. CME Program organised by G.J. Patel Institute of Ayurvedic Studies and Research, Anand, Gujrat.</li> </ol>
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#### Extension Lectures:

Following Extension Lectures were delivered by the Teachers of the Department for the benefit of students and scholars.

Sl.No.	Name of Teacher	Topic	Date
1.	Dr. Kamalesh Kumar Sharma Professor	Concept of Health in Ayurveda & Modern Medicine.	8-9-2017
2.	Dr. Kamalesh Kumar Sharma Professor	Useful Aasan in Routine Life.	8-12-2017
3.	Dr. Kashinath Samagandi Assistant Professor	Principals of Naturopathy.	13-7-2017
4.	Dr. Kashinath Samagandi Assistant Professor	Ayurvedic Scientific Way of Living.	25-6-2017
5.	Dr. Kashinath Samagandi Assistant Professor	Personality Development through Ayurveda and Yoga.	3-7-2017
6.	Dr. Kashinath Samagandi Assistant Professor	Pain Management through Meditation and Relaxation.	16-10-2017

#### Miscellaneous Activities:

The following miscellaneous activities were taken place in the Department:

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Prof. Kamalesh Kumar Sharma Professor	<ol style="list-style-type: none"> <li>1. Delivered 4 Extension Lectures to Ayurvedic Physicians of State Government on 24-4-2018, 20-7-2017, 24-7-2017 and 26-7-2017.</li> <li>2. Acted as Moderator for Question Paper of Ph.D. Entrance Test conducted by the Dr. SR Rajasthan Ayurved University, Jodhpur.</li> <li>3. On instructions of CCIM Syllabus for MD(Yoga) Prepared.</li> <li>4. As a Member of Inspection Team an Inspection of Shri Kallaji Vedic University, Nimbahera was conducted on 24-6-2017.</li> <li>5. Reviewed Syllabus for MD(Swastha Vritta) on 29-7-2017.</li> <li>6. Participated as Member of Board of Management in the Convocation organised by Dr. SR Rajasthan Ayurved University, Jodhpur on 18-8-2017.</li> <li>7. Participated in Meeting of Academic Council of Dr. SR Rajasthan Ayurved University, Jodhpur held on 12-9-2017.</li> <li>8. Nominated as Member of CCIM by the Ministry of AYUSH, Govt. of India on 26-9-2017.</li> </ol>

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2.	Dr. Durgawati Devi Associate Professor	1. Worked as Co-ordinator for a Workshop for Women on the occasion of International Women's Day on 8 March 2018 in the Institute.
3.	Dr. Kashinath Samagandi Assistant Professor	1. Acted as Jury Member of Natraj - Group Dance Competition and Ayur General Knowledge Competition held during 1 <sup>st</sup> Rashtriya Ayurveda Yuva Mahotsav organised on 14-16 September 2017 at National Institute of Ayurveda, Jaipur. 2. Delivered Television Talks on following topics: Yoga (21-6-2017), Ayurveda in Anxiety (13-7-2017), Ayurveda in Alzheimers Disease (21-9-2017), Ayurveda Diest and Yoga in Heart Health (27-9-2017), Health Quote : Bramha Muhurta (29-9-2017), Health Quote : Usha Pana (30-9-2017), Fitness Freak Yoga for Preservation and Promotion of Cardiac Health(1-10-2017), Health Quote : Jala Pana (2-10-2017), Ayurvedic Diet and Yoga in Lung Cancer (6-11-2017).

### Yoga and Naturopathy Unit:

A Yoga and Naturopathy Unit was established under this Department separately where Yoga and Pranayam were conducted on everyday for better fitness of patients and for the general health seekers. Department has also providing naturopathic treatment through hydrotherapy and mudtherapy to patients. Students are kept engaged in such health care activities as part of their training which includes Asana, Pranayam, Kunjal, Sutra Neti, Vastra Dhauti, Kati Snana, Pada Snana, Mitti Chikitsa(Sarvanga) and Mitti Chikitsa(Sthanik) etc..

During the period under report, patients of Gradhasi (Sciatica), Katishool (Low Backache), Sthaulya (Obesity), Uchcharaktachap (High Blood Pressure), Tamak Shwasa(Bronchial Asthma), Anidra (Insomnia), Avasad (Depression), Vibandha (Constipation), Grahani (Chronic Colitis), Amlapitta (Acidity), Madhumeha (Diabetes), Avabahuka (Frozen Shoulder) and Pratishaya (Cold) were given treatment.

During the period under report, the total number of patients/sadhaka benefited by the various Asanas and Kriyas were: 13,263.

3<sup>rd</sup> International Yoga Day was celebrated on 21-6-2017 by the scholars, teachers and employees at with great enthusiasm. On the occasion a rally was organised to spread awareness of Yoga and its health benefits and a Yoga Practice Session was conducted from 6 AM to 9 AM in which 1219 Yoga Sadhaka were participated. Demonstration of Yoga Asanas was conducted to all members of the Institute and also to general public.

A Yoga Camp was organised on 21-6-2017 in which Yoga Sadhaka were participated.

Jalaneti Patra, Sutra Neti, Hipbath Tub, Bath Tab, Geysers for warm water, Yoga Mat, Acupressure Kit etc. are being utilized.

