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# NATIONAL INSTITUTE OF AYURVEDA

## ADMINISTRATIVE REPORT

### INTRODUCTION

#### Objectives

The National Institute of Ayurveda was established as 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 and Patient Care with the following Aims and Objectives:

1. To promote the Growth and Development of Ayurveda;
2. To produce Graduates and Post-Graduates in all Branches of Ayurveda;
3. To conduct Research on various aspects of Ayurveda;
4. To provide Medical Care through Ayurvedic Systems of Medicine to the suffering humanity;
5. To provide and assist in providing service and facilities of highest order for Research, Evolution, Training, Consultation and Guidance to Ayurvedic System of Medicine;
6. To conduct Experiments and develop Patterns of Teaching Under-Graduate and Post-Graduate Education in all branches of Ayurveda.

#### Functions

1. Under-Graduate, Post-Graduate and Ph.D. level Programs, teaching, training leading to the Degrees of BAMS, MD/MS(Ayurved) and Ph.D.(Ayurved).
2. Training to Medical Officers and Teachers of Ayurveda as sought from other State Governments.
3. Diploma in AYUSH Nursing and Pharmacy.
4. Conducting ROTP, CME, TOT and alike Programs for the benefit of Teachers, Medical Officers, Physicians of the country for getting advanced and updated knowledge.
5. Collaborative Research with National level institutions and also with foreign countries interested to adopt Ayurveda as a System of Medicine in their countries.
6. Foreign Exposure Training Programs.
7. Undertaking PPP Projects for Specialized Treatments, Training and Research.
8. Providing Ayurvedic treatment to general public through its OPD and IPD (300 Beds).
9. Providing Ayurvedic treatment to SC and ST inhabited areas of Rajasthan under the SCP/TSP Scheme subject to budgetary allocation.
10. Active participation in Arogya Melas, Exhibitions etc.
11. Conducting National and International level Seminars and Conferences.

#### Vision

The major vision envisaged for the Institute is to provide the best quality and uncomparable Ayurvedic education leading to Graduate, Post-Graduate and Post-Doctoral Degree levels, Diploma Course in AYUSH-Nursing & Pharmacy, various Short-Term Courses in Panchakarma Therapy, Long-Term and Short-Term Courses for Foreign Medical and Non-Medical Professionals, Teaching and Training in various fields of Ayurveda, providing the best Treatment facilities including Specialized Treatments to the general public, undertaking Scientific Research in various aspects of Ayurveda, helping and contributing for Globalization of Ayurveda and upgrading the Institute to the level of an Institution of National Importance and Centre of Excellence and to attain a Deemed University Status.

### **Mission**

- Further improving the quality of higher education in Ayurveda.
- Introduction of more PG and Fellowship Programs, Training in various aspects.
- Implementing Practice Based Research in Treatment in order to give a scientific outlook to the Patient Care Activities in Ayurveda, to validate Ayurvedic Treatment.
- Undertaking various Research Activities for the welfare of mankind.
- Foreign Exposure Training Programs for Foreigners (Medical as well as Non-Medical) interested in the basic knowledge as well as higher knowledge in Ayurveda.
- Providing expertise in Ayurveda to foreign countries interested in Ayurveda.

## **AN OVERVIEW**

### **Historical Background**

The Institute 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 Aims and Objectives as mentioned in the foregoing para.

The City of Jaipur was established 288 years back and by linking with it, the Institute has a glorious tradition of about 151 years when the Department of Ayurveda was started in 1865 in the Maharaja Sanskrit College, Jaipur which gained popularity as the "Jaipur School of Thought". An independent Ayurvedic College was established in August 1946 by the Government of Rajasthan and this College was merged to form NIA in February 1976. All the teaching and non-teaching staff of the then Government Ayurvedic College of Jaipur and also the teaching staff of Government Ayurvedic College of Udaipur were screened for absorption in the Institute. This was one of the very few Ayurvedic Colleges in the country to introduce Post-Graduate Education in Ayurveda as early as in 1970.

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.

Since its existence, it has continuously been engaged in promoting reforms and developments in Ayurveda System of Medicine at the national level.

The Institute is not only a premier Institute under the Central Government but also the best one in the field of Ayurvedic education in the country and comparable to none as far as Ayurveda is concerned.

NIA has made a name of excellence in 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.

### **Location**

The Institute is located in Jaipur, the Capital of the State of Rajasthan. Jaipur, a heritage city, is one of the world's most picturesque cities and is also perhaps among the world's first 'planned cities'. It is also popularly known as the The Pink City of India, a name derived from its many pink sandstones buildings. The Institute is situated about 8 kilometers from the Railway Station and about 15 kilometers from the Air Port. Two National Highways, No. 8 from New Delhi to Bombay and No. 11 from Agra to Bikaner in Western Rajasthan pass through Jaipur.

## Campus

The Main Campus of the Institute consists 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 AC, DLP Projector, Audio-Visual Aids, Library, etc. and also Hospital Complex housing 300 Bedded 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 for Essential Staff, Guest House, Water Tank and Reservoir, etc. There is also a well-furnished Auditorium with a capacity of 500 Seats. There is also NIA City Hospital with 20 beds in the heart of the City, which is 4 kilometers away from the main Campus and a Satellite Clinic at Jawahar Nagar, a popular residential-cum-commercial area of the City.

## Committees

The Institute has a Governing Body consisting of 15 Members and Presided Over by Hon'ble Minister of State(Independent Charge), Ministry of AYUSH. There is a Standing Finance Committee Chaired by Joint Secretary, Ministry of AYUSH, Government of India. There is also an Institutional Ethics Committee to govern, regulate and review various research proposals in the Institute. Constituted on the Guidelines stipulated by ICMR in its Ethical Guidelines for Biomedical Research on Human Subjects. The Compositions of the Committees are as under:

## Governing Body

1.	Hon'ble Minister of State (Independent Charge) Ministry of AYUSH	President
2.	Minister for Medical, Health, Family Welfare & Ayurveda Government of Rajasthan	Vice-President
3.	Secretary, Ministry of AYUSH, Govt. of India	Member
4.	Additional Secretary(FA) Ministry Health & Family Welfare, Govt. of India	Member
5.	Joint Secretary, Ministry of AYUSH, Govt. of India	Member
6.	Adviser(Ayurveda), Ministry of AYUSH, Govt. of India	Member
7.	Principal Secretary/Director(AYUSH) Government of Rajasthan	Member
8.	Vice-Chancellor Rajasthan Ayurved University	Member
9-12.	Four Ayurveda Expert nominated by Ministry of AYUSH	Members
13-14.	Two Ayurveda Experts nominated by Govt. of Rajasthan	Members
15.	Director, National Institute of Ayurveda	Member-Secy.

### **Standing Finance Committee**

1.	Joint Secretary (AYUSH) Ministry of AYUSH	Chairman
2.	Additional Secretary (FA) Ministry of Health & Family Welfare	Member
3.	Principal Secretary (Ayurved) Government of Rajasthan	Member
4.	Director Ministry of AYUSH	Member
5-6.	Two Non-Official Members of Governing Body	Members
7.	Director	Member-Secy.

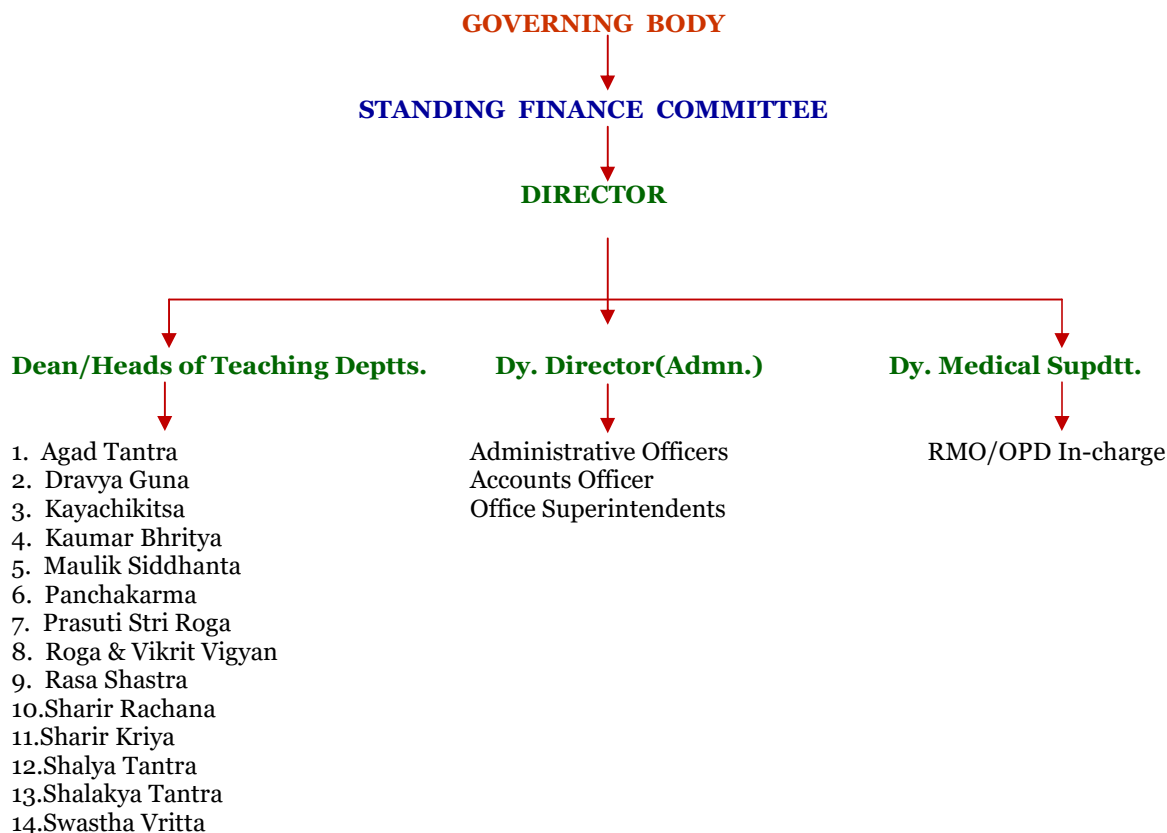
### **Institutional Ethics Committee**

1.	Prof. Banwari Lal Gaur Former Vice-Chancellor of Dr. S.R. Rajasthan Ayurved University and Retd. Director of NIA	Academician	Chairman
2.	Prof. S. S. Yadav Unit Head, Department of Urology SMS Medical College & Hospital, Jaipur	Clinician	Member
3.	Prof. Raj Kumar Yadav Cardio-Vascular & Thoracic Surgeon SMS Medical College & Hospital, Jaipur	Clinician	Member
4.	Shri Shiv Charan Gupta Advocate, Rajasthan High Court	Legal Expert	Member
5.	Dr. Kamal Kant Dadhich Retd. Professor of Sanskrit Department College Education, Govt. of Rajasthan, Jaipur	Common-men Representative	Member
6.	Dr. Shiv Dutt Sharma Retd. Professor ENT Department SMS Medical College & Hospital Jaipur	Basic Medical Scientist	Member
7.	Shri Anil Shukla Sangthan Mantri Sewa Bharti, Jaipur	Non-Government Voluntary Agency	Member

8.	Prof. Ram Kishore Joshi Head of Department of Kayachikitsa, NIA	Medical Scientist	Member
9.	Prof. Hemantha Kumar Head of the Department of Shalya Tantra, NIA	Medical Scientist	Member
10.	Dr. Kedar Lal Meena Associate Professor & Head Deptt. of Maulik Siddhanta, NIA	Medical Scientist	Member
11.	Dr. Kamalesh Kumar Sharma Head of Department of Swastha Vritta, NIA	Medical Scientist	Member
12.	Dr. Pawan Kumar Godatwar Associate Professor & Head Deptt. of Roga Nidan & Vikriti Vigyan, NIA	Medical Scientist	Member-Secy.

### Organisational Set-Up

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. The financial matters are supervised by the Standing Finance Committee. The Director is the Chief Executive of the Institute and is responsible for overall management of the organization. The Heads of the Departments are responsible for day to day functioning of their respective departments.



### Financial Position

The Ministry of AYUSH provides all the required funds for the Institute every year to meet the Non-Plan and Plan Expenditures. Following was the budget provision of the Institute for the year 2015-2016.

(Rs. in lakhs)

Head	BE	RE	Grant Received	Actual Expenditure
<b>Non-Plan</b>	Rs. 2300.00	Rs. 2300.00	Rs. 2300.00	Rs. 3286.41
<b>Plan</b>	Rs. 2400.00	Rs. 2065.00	Rs. 2065.49	Rs. 2065.53

### 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. Director and Teachers of the Institute are well-represented in various Bodies of the University like Board of Management, Academic Council, Faculty of Ayurveda, Board of Studies, etc. and give their valuable suggestions, opinions and expertise, from time to time, for development of the University and its affiliated Ayurvedic Colleges in the State of Rajasthan.

### Infrastructure

The Main Campus of the Instituted is spread over an area of 13 acres. The infrastructure and facilities available on campus are very best. The Institute has a beautiful, peaceful and eco-friendly atmosphere suited for Ayurvedic education. The Campus of the Institute is a Wi-Fi Campus that provides faculty, students and staff to use the Internet at any point of time. The classrooms are equipped with modern teaching aids like Computer, DLP Projector and Mike & Sound Systems and are airconditioned. There is an auditorium with a seating capacity of 500 with amenities like Sound & Light schemes, Fire-proof Curtains, a big screen for LCD Projections, Separate Generator Set for power back-up, Carpeted Floor, etc. Facilities and services such as the Canteen, Bank, 300 bedded Hospital with OPD and IPD facilities, Panchakarma Unit, Hostels, IT Center, Photocopy Facility are located within the campus. Apart from above, the Institute has a City Hospital, a Satellite Clinic, 59 Staff Quarters and a Guest House away from the main Campus.

The Campus is mainly divided into following blocks:

#### Academic Block

The Academic Block consists of 3 and 4 Storied Buildings with around 100 Rooms housing various Offices, Teaching, Departments, Laboratories, Museum, Lecture Theatres, Library, National Repository of Authentic Drugs, Auditorium, IT Center etc.

#### Administrative Block

The Administrative Block accommodates Director's Chamber which is elegantly designed and furnished to give a good look. Beside it's a decorated meeting hall which is used to convene the meetings etc. The other side in the block the offices of Deputy Director(Admn.), Administrative Officer, Accounts Officer, Establishment Section, Academic Section, Accounts Section, Committee Hall etc. are situated.

#### Hospital Block

The Hospital Block consist of a 300 bedded Hospital with OPD and IPD Facilities, Panchakarma Unit, Central Laboratory, Primary Emergency Care Unit, Deluxe Wards, Cottage Wards, Cubical Wards, General Wards, Operation Theatres, Consultation Rooms, X-ray Room, ECG Room, Sonography Room, Physio Therapy Facility, etc. There is a City Hospital spread over an area of 1300 Sq. Mtrs. with OPD and

IPD facilities situated in heart of the City of Kishanpole Bazar, 4 Kms. away from the main Campus. The Institute has a Satellite Clinic with OPD facilities in Jawahar Nagar 8 kms. from the main Campus.

### **Pharmacy Block**

The Pharmacy Block houses of Raw Drug Store, Manufacturing Process Unit, Furnace Unit, Packing Unit, Finished Goods Store, Office etc. The Institute Pharmacy is a GMP Certified Pharmacy and is fully air-conditioned to maintain utmost hygiene, cleanliness and proper upkeep of raw-drugs and medicines.

### **Hostel Block**

There are 2 UG Boys Hostels, 1 PG Boys Hostel, 2 UG & PG Girls Hostels and 1 Hostel(Diploma Nursing) Girls accommodating 445 students. There are also 20 accommodation facilities in Jawahar Nagar area of the Jaipur City for PG/Ph.D. Scholars.

### **Library-cum-Academic Block**

This is a newly constructed Library-cum-Academic Block with Basement with 4 Floors. The Library has been shifted to new building to meet the growing demands of students, researchers and staff. The Library offers circulation, photocopying, references and press clippings services. A Manuscript Unit is also set up in the Library.

## **ACADEMIC ACTIVITIES**

The Institute is basically an educational Institute imparting Under-Graduate, Post-Graduate, Post-Doctoral, Diploma and Certificate Courses in the field of Ayurveda for its promotion and development.

### **Course Offered**

#### **Under-Graduate Course - Ayurvedacharya - BAMS - 92 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. The total seats available per year is 92 out of which 1 Seat is reserved for Central Govt. nomination, 2 for foreign nationals sponsored by ICCR, 10 for South-East Asian Countries, 10 Seats for Girls and reservation for SC, ST, OBC and PH as per Government of India norms.

**Mode of Admission:** Admission to BAMS Course was made by University on the basis of the Merit of the Admission Test conducted by it. Notification for the Entrance Test was made by the University on all India level in Newspapers and also on its Website. The Notification of the University was also posted on the Website of the Institute.

**Admissions:** During the year 2015-2016, 90 Students were admitted to the BAMS Course. 2 Seat remained vacant due to non-availability of candidates from South-East Asian Countries nominee. 3 Students from Nepal and 1 Student from Bhutan were admitted.

General		SC		ST		OBC		PH		South-East Asian Countries through Ministry of AYUSH		Foreign Nationals through ICCR		Total Admission	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
16	28	6	6	3	3	13	9	2	-	2	1	-	1	42	48



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

Class	Appeared	Passed	Pass Percentage
BAMS-I Batch (2013) (2014)	61	36	59
BAMS-II Batch (2011) (2012) (2013)	129	106	82.17
BAMS-III Batch (2009) (2010)	53	50	94.33

During the year under report, 59 students successfully completed their internship and 52 students were undergoing their internship.

**Fees :** Fees for the BAMS Course is Rs.27,100 for First Year, Rs.17,500 for the Second Year, Rs.17,500 for the Third Year Rs.26,250 for the Final Year. The Hostel Fee, in case of allotment of Hostel on availability, is Rs. 3,600 per year for 3 years and Rs. 5,400 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. <i>Agad Tantra</i>	Medical Jurisprudence & Toxicology
2. <i>Dravya Guna</i>	Materia Medica & Pharmacology
3. <i>Kaumar Bhritya</i>	Pediatrics
4. <i>Kayachikitsa</i>	Internal Medicine
5. <i>Maulik Siddhanta</i>	Fundamental Principles
6. <i>Panchakarma</i>	Penta Bio-Purification Methods
7. <i>Prasuti Stri Roga</i>	Gynaecology & Obstetrics
8. <i>Roga &amp; Vikrit Vigyan</i>	Clinical Medicine & Pathology
9. <i>Rasa Shastra &amp; Bhaishajya Kalpana</i>	Iatro-Chemistry ( <i>Rasa Chikitsa</i> )
10. <i>Sharir Rachana</i>	Anatomy
11. <i>Sharir Kriya</i>	Physiology
12. <i>Shalya Tantra</i>	Surgery
13. <i>Shalakya Tantra</i>	ENT & Eye
14. <i>Swastha Vritta</i>	Preventive & Social Medicine

**Mode of Admission:** Admission to the PG Course is made from the Merit prepared on the basis of the PG Entrance Examination of Objective Type conducted by the University. The Notification for the Entrance Test was published by the University on all India level in Newspapers and also on its Website. The Notification of the University was also posted on the Website of the Institute.

1 Seat in each Subject is available for Central Government Nominees sponsored by various State Government through the Ministry of AYUSH. 3 Seats are reserved for candidates belonging to BIMSTEC countries sponsored by ICCR through Ministry of AYUSH. (i.e. for Candidates of Bangladesh, Bhutan, Myanmar, Nepal, Sri Lanka and Thailand) and 3 Seats for South-East Asian Countries and 1 for Malaysia through Ministry of AYUSH. Reservation for In-Service Candidates, SC, ST, OBC and PH is also available for Indian nationals as per Government of India orders.

## Annual Report 2015-2016 NIA

**Admissions:** During the year, 84 Seats could be filled considering the availability of faculty in various Departments. The category-wise scholars admitted are given below:

General		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	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
15	12	6	1	2	2	7	6	1	-	1	1	-	2	6	10	10	1	48	35

280 Scholars were studying in the Post-Graduate Course during the year 2015-2016. During the year under report, 100 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	Pass Percentage
M.D.(Ay.) Part-II Batch 2012-2013	96	96	100

**Fees :** The Fees for the Post-Graduate Course is Rs. 40,300 for the First Year, Rs. 27,700 for the Second Year and Rs. 27,700 for the Third Year. An additional amount of Rs. 12,000 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.15,820, in the Second Year, Rs. 16,950 and in the Third Year, Rs. 18,080. The Stipend also carries DA at Central Government Rates.

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

All the 14 PG Specialties are available for Regular Fellowship Program. The Fellowship is awarded for 2 years. 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. The Notification for the Entrance Test is published by the University on all India level in Newspapers and also on its Website.

1 Seat is available for BIMSTEC Countries sponsored by ICCR, 1 for South-East Asian Countries through Ministry of AYUSH. Reservation for SC, ST, OBC and PH is also available.

**Admissions:** During the year, 42 admission was made to Ph.D(Ay.) for the session 2014-15 and 2015-16 The category-wise scholars admitted are given below:

General		SC		ST		OBC		PH		BIMSTEC		South-East Asian Countries through Ministry of AYUSH		Total Admission	
M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
7	14	4	3	-	1	7	6	-	-	1	-	1	-	20	24

During the year under report, 59 Fellows were undergoing the Fellowship Program and 10 Fellows of 2012-2013 submitted their Thesis/conducted Viva-Voce.

**Fees :** The Fees for the Fellowship is Rs. 54,150 for First Year and Rs. 41,550 for the Second Year. An additional amount of Rs. 18,000 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.18,702 and in the Second Year Rs. 19,323. The Stipend also carries DA at Central Government Rates.

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

The Diploma Course in AYUSH Nursing and Pharmacy is of 2½ Years duration including 6 months Internship. Candidates are allotted by the University on the basis of marks obtained in the qualifying examination of 12<sup>th</sup> Standard.

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

<b>General/ Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total Admission</b>	
<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>	<b>M</b>	<b>F</b>
2	12	5	-	2	-	4	4	1	-	14	16

During the year under report, 78 students were studying in the Diploma Course.

During the year under report, 18 students successfully completed their internship program and 2 students were undergoing their internship.

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

<b>Class</b>	<b>Appeared</b>	<b>Passed</b>
1 <sup>st</sup> Year (2014)	26	15
2 <sup>nd</sup> Year (2011), (2012)	27	19

**Fees :** The Fees for the Diploma Course is Rs. 15,000 for First Year and Rs. 15,000 for the Second Year. An additional amount of Rs. 3,600 per year for 1 year and Rs. 5,400 for the final year. also charged per Year for Hostel, subject to availability.

**Stipend :** An amount of Rs. 500 Per Month is paid as Stipend to Students during their Internship.

### **Panchakarma Attendant Course – 20 Seats**

The Panchakarma Attendant Course is of 4 Months duration including 1 month internship. Admission is made by the Institute after notifying in newspapers and by posting in the Website. 10 Seats are reserved for SC Candidates and another 10 is for other Categories.

**Admissions :** During the reported year, 16 Admissions were made in Panchkarma Diploma Course. The category-wise admissions are as under:

<b>General/ Open</b>		<b>SC</b>		<b>ST</b>		<b>OBC</b>		<b>PH</b>		<b>Total Admission</b>	
<b>Boys</b>	<b>Girls</b>	<b>Boys</b>	<b>Girls</b>	<b>Boys</b>	<b>Girls</b>	<b>Boys</b>	<b>Girls</b>	<b>Boys</b>	<b>Girls</b>	<b>Boys</b>	<b>Girls</b>
-	1	3	4	-	-	4	4	-	-	7	9

**Passed-Out :** 6 Students of Panchakarma Attendant Course successfully completed their course.

**Fees :** A Fee of Rs. 3,000 is charged from ST Candidates and Rs. 5,000 is charged from OBC and General Candidates. However, no Fee is charged from SC Candidates.

### **Games and Sports**

The Institute organized an Annual Sports and Games Activity “Purusharth – 2016” during 15-2-2016 to 25-2-2016 for students and scholars to encourage sports and games for upkeep of their 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.

### **2 Day Workshop on Research Methods and Synopsis Development**

The Institute is regularly conducting workshops to train the faculty and researchers in planning and conducting quality research. During the year under report, the Institute organized a 2-Day Workshop on Research Methods and Synopsis Development on 27-28 January, 2016. Prof. B.L. Gaur, Former Vice-Chancellor of Rajasthan Ayurveda University, Jodhpur inaugurated the Workshop in the presence of Teachers and Scholars. The Workshop highlighted the importance and utility of qualitative research in Ayurveda. The primary focus of the Workshop was on protocol or synopsis for the research projects. This workshop was specially organised for the Scholars of M.D.(Ayurveda) Part-I. All PG, Ph.D. Scholars and Faculty Members of the Institute participated in the Workshop. Teachers of the Institute and Outside Experts in the field were Resource Persons and Experts in the Workshop. The Workshop discussed about procedure for carrying out research project, how to prepare synopsis to understand the research project in a better way and the methods on Ethics, etc.

## PATIENT CARE ACTIVITIES

The Institute has 3 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 and a Satellite Hospital providing OPD Services at Jawahar Nagar, a popular residential-cum-commercial area of the City.

The main objective of the Hospitals is to provide medical care through Ayurvedic System of Medicine to the suffering humanity and the Institute is doing excellent activities in the field of Patient Care Activities through its 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, Audiotometer, 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, other ENT related disorders. There is an Ambulance available in the hospital to take care of patients in emergency situation.

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. OPD Patient Records are computerized.

The OPD Registration Fee is Rs. 10 and IPD Registration Fee is Rs. 20. Staff and Students of the Institute, Senior Citizens and Freedom Fighters, BPL Card Holders, Staff and Students are exempted from Registration Fee.

### NIA Campus Hospital - Outdoor Hospital

The OPD attached to the Hospital is managed by all the 14 Departments with various Units and Specialty Clinics. During the year, the total number of patients attended the OPD was 2,07,273 out of which 99,292 were newly registered. Medicines for 14,43,092 days were dispensed free of cost to the Patients. The patients treated at OPD are as under:

Sl. No.	Department	New				Old				Grand Total
		Male	Female	Child	Total	Male	Female	Child	Total	
1.	Kayachikitsa	10601	7514	319	18434	11389	8506	497	20392	38826
2.	Panchakarma	7335	5935	213	13483	8949	7335	299	16583	30066
3.	Shalya Tantra	12489	6583	423	19495	12933	7640	583	21156	40651
4.	Shalakya Tantra	7042	6781	1325	15148	7124	6191	1529	14844	29992
5.	Prasuti and Stri Roga	158	8708	55	8921	327	8813	36	9176	18097
6.	Bala Roga	458	311	3972	4741	368	193	4906	5467	10208
7.	Swastha Vritta	801	564	25	1390	1062	754	20	1836	3226
8.	Maulik Siddhanta	2484	1987	86	4557	2589	2193	157	4939	9496
9.	Rasa Shastra	246	154	4	404	689	416	73	1178	1582
10.	Dravya Guna	266	171	3	440	640	432	19	1091	1531
11.	Roga & Vikriti Vigyan	1977	1370	45	3392	2385	1645	77	4107	7499
12.	Agad Tantra	708	566	11	1285	896	732	24	1652	2937
13.	Sharir Kriya	3490	2086	64	5640	2818	1854	73	4745	10385
14.	Sharir Rachana	504	330	11	845	490	309	16	815	1660
15.	Emergency CareUnit	746	345	26	1117	0	0	0	0	1117
Total		49305	43405	6582	99292	52659	47013	8309	107981	207273

**NIA Campus Hospital - Indoor Hospital**

The total Bed Strength is 300 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	Bed Distribution			
		Male	Female	Child	Total
1.	Kayachikitsa	36	20	-	56
2.	Panchkarma	38	10	-	48
3.	Shalya	38	10	0	48
4.	Shalakya	26	8	-	34
5.	Prasuti	-	48	-	48
6.	Bala Roga	-	-	38	38
7.	Swasthavritta	2	1	-	3
8.	Maulik Siddhanta	6	1	-	7
9.	Ras Shastra	1	1	-	2
10.	Dravyaguna	1	1	-	2
11.	Rog Vigyan	3	1	-	4
12.	Agad Tantra	1	1	-	2
13.	Sharir Rachana	2	1	-	3
14.	Sharir Kriya	4	1	-	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 75,553 out of which 5,951 were new. The Bed Occupancy Rate was 69%. 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	544	428	9	981	9478	9236	205	18919	19900
2.	Panchakarma	494	453	11	958	8859	7545	252	16656	17614
3.	Shalya Tantra	1062	303	25	1390	9732	2848	141	12721	14111
4.	Shalakya Tantra	125	131	14	270	1454	1354	218	3026	3296
5.	Prasuti & Stri Roga	0	1411	1	1412	0	5271	12	5283	6695
6.	Bala Roga	1	2	440	443	2	18	3947	3967	4410
7.	Swastha Vritta	8	3	0	11	57	44	0	101	112
8.	Maulik Siddhanta	113	70	17	200	2014	1235	777	4026	4226
9.	Rasa Shastra	9	5	0	14	509	70	0	579	593
10.	Dravya Guna Vigyan	0	3	0	3	0	73	0	73	76
11.	Roga Vigyan	33	29	1	63	618	491	3	1112	1175
12.	Agad Tantra	26	12	0	38	476	122	0	598	636
13.	Sharir Kriya	90	50	0	140	1286	707	0	1993	2133
14.	Sharir Rachana	12	15	1	28	281	256	11	548	576
<b>Total:</b>		<b>2517</b>	<b>2915</b>	<b>519</b>	<b>5951</b>	<b>34766</b>	<b>29270</b>	<b>5566</b>	<b>69602</b>	<b>75553</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. 700, Rs. 450 and Rs. 250, respectively, is charged per day. There is good demand for these wards all the time.

### **Operation Theatres**

There are 3 Operation Theatres in the Hospital for Gynaecological Procedures, Shalakyia Procedures and Shalya Procedures. These are equipped with various instruments and equipments. During the year under report, 713 Operative Procedures and 18,711 Para-surgical procedures were conducted on the patients suffering from various ailments. Shalya Operation Theater is equipped with CCTV Camera for live demonstration of surgical procedures for students. The details of the procedures are given in the forthcoming paras of this report.

### **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:

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

### **Primary Emergency Care Unit**

There is a Primary Emergency Care Unit functioning round the clock at the main entrance of the IPD for in-house emergency. During the year under report the services of this Unit were utilized by 1115 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-Enteritis, Diarrhea, Dehydration, Haemorrhage, Post operative Care, Retention Urine, etc. are managed and treated.

Director regularly inspects the hospital and wards along with Dy. Medical Superintendent, Resident Medical Officer, Asstt. Resident Medical Officer etc. and listens to the problems and grievances of

patients in sympathetic manner. Necessary instructions are given to the concerned staff for redressal of problems of patients. Surprise visits are also conducted by Director.

Deputy Medical Superintendent takes regular rounds along with RMO and Doctors concerned to ensure proper treatment, various services etc. On the round, they also check patient's history card, diagnosis reports, treatment going on, improvement, etc. and give instructions, wherever necessary, for the betterment of health care. Arrangements are made to attend patients round the clock and on emergency call. Special attention is given for cleanliness in the Hospital. Adequate staff is deputed for night duties and ensure availability of medicines in adequate quantity to manage any emergent condition of patients. Diets served to patients, as recommended by physicians, are also checked and ensured for quality, quantity and hygiene every day.

### NIA City Hospital

**Outdoor:** This 20 Bedded Hospital is situated in the heart of the Walled City, in the busy Kishanpole Bazar, 4 Kms. from the main Campus. There is an OPD attached to the Hospital managed by Teachers of different Departments. During the year, the total attendance of patients in the OPD was 26,685 out of which 17,822 were newly registered, as below:

Sl. N.	Department	New Patients				Old Patients				Grand Total
		Male	Female	Child	Total	Male	Female	Child	Total	
1.	Kayachikitsa	3354	1400	139	7893	1444	783	62	2289	7182
2.	Shalya Tantra	2034	931	136	3101	1066	543	51	1680	4781
3.	Shalakya Tantra	145	53	4	202	62	23	2	87	289
4.	Rasa Shastra	904	302	37	1243	356	129	11	496	1739
5.	Roga & Vikriti Vigyan	425	182	17	624	163	72	3	238	862
6.	Sharir Rachana	339	133	6	478	131	55	1	187	665
7.	Sharir Kriya	1224	571	50	1845	598	307	21	926	2771
8.	Panchakarma	932	436	39	1407	322	199	17	538	1975
9.	Dravya Guna	441	144	17	602	208	61	2	271	873
10.	Swastha Vritta	1418	716	101	2235	999	685	62	1746	3981
11.	Maulik Siddhanta	463	218	18	699	173	90	3	266	965
12.	Bala Roga	320	145	28	493	83	42	14	139	632
Total:		11999	5231	592	17822	5625	2989	249	8863	26685

**Indoor:** 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 related 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, 2,130 were treated in the IPD out of which 64 were newly registered in the Department of Kayachikitsa and Shalya Tantra:

Sl. No.	Department	New Patients				Old Patients				Grand Total
		Male	Female	Child	Total	Male	Female	Child	Total	
1.	Kayachikitsa	39	9	1	49	1200	178	13	1391	1440
2.	Shalya Tantra	15	-	-	15	675	-	-	675	690
	<b>Total:</b>	<b>54</b>	<b>9</b>	<b>1</b>	<b>64</b>	<b>1875</b>	<b>178</b>	<b>13</b>	<b>2066</b>	<b>2130</b>

### 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 different Departments. The patients treated related to Madhumeha, Jwara, Kasa, Sandhishoola, Katishoola, Udar Vikar, Twaka Vikar, Arsha, Bhagandar, Amlapitta, Gulma, Amajirna etc.

During the year, the total attendance of patients was 10,165 out of which 3,651 were newly registered, as below:

Sl.	Department	New Patients				Old Patients				Grand Total
		Male	Female	Child	Total	Male	Female	Child	Total	
1.	Dravya Guna	307	177	10	494	398	293	4	695	1189
2.	Sharir Rachana	271	134	4	409	396	285	0	681	1090
3.	Roga & Vikriti Vigyan	698	586	57	1341	1634	1325	61	3020	4361
4.	Rasa Shastra	252	144	14	410	389	294	6	389	1099
5.	Shalya Tantra	313	219	12	544	390	320	5	715	1259
6.	Kaya Chikitsa	297	140	16	453	402	303	9	714	1167
	<b>Total:</b>	<b>2138</b>	<b>1400</b>	<b>113</b>	<b>3651</b>	<b>3609</b>	<b>2820</b>	<b>85</b>	<b>6514</b>	<b>10165</b>

### Specialty Clinic Services:

#### 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.

#### 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 diseases. These therapies are more popular in the treatment of Arshas and Bhagandar.

#### Allergy Clinic

An Allergic Clinic is available in the Hospital in which patients suffering from various allergy are being treated. Free medicines including Pushkarmuladiyoga prepared in the Pharmacy of the Institute are dispensed the patients through the OPD.

### **Child Mental Health Unit**

Special treatment facilities are available for various mental 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 functions in the Hospital where Yoga and Pranayam were conducted daily for better fitness of patients and for general public. Naturopathic treatment through hydrotherapy and mudtherapy are also provided to patients suffering from various diseases like Vibhandh, Udarroga, Shirasool, Katisool, Rakta Vikar, Angamardh, Sthabdhta, Shouth, Netra Pradhahsool, Anidra, Prameha etc. Various Asanas, 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 diseases like Dental Caries, Pyorrhea, 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 accessories like Commercial Tread Mill, 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 Analyzer and Fully Automatic Biochemistry Analyzer in the Central Laboratory. This has benefited easy and quick laboratory investigations for getting accurate results. More than 200 tests were done on an average daily.

### **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. 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.

### SCP & TSP SCHEME - 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 Plan Allocation 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 a dozen Districts of Rajasthan.

Under the Scheme, the Institute is organizing Medical Camps ranging from 1-day to 6-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, Jhunjhunu, Sikar and Jaipur. An Associate Professor is In-Charge of this Unit. During the year 48 Camps were organized in the Villages and Settlements in the SC and ST inhabited Districts of Udaipur, Banswara, Dungarpur, Sirohi, Jaisalmer, Ajmer, Sikar, Jalore, Churu, Tonk, Alwar and Jaipur. Under these Camps, total patients benefited were 54,322 and medicines worth of Rs. 10 Lakhs were dispensed free of cost to patients. Faculty Members of various disciplines and Para-Medical Staff of the Institute participated in these Camps. The Plan Outlay under SCP and TSP were Rs. 100 Lakhs for SCP and Rs. 48 Lakhs for TSP, respectively for these activities. The medicines required for the Scheme are procured from IMPCL.

The Institute also organized regular 1-Day Camps around Jaipur City for the benefit of the population in the SC, ST and slum areas. Consultation and Medicines are dispensed to the patients free of cost.

Medical Camps were also organized under various programs of Govt. of India like Bharat Nirman Abhiyan, Press Information Bureau, Arogya Melas, Health Missions etc. to spread awareness among the public. The Institute has got first award, memento and certificates for rendering best services in these Camps. Medicinal Camps are also organised in the Arogya Mela organised by Government of Rajasthan.

### PHARMACY

The Institute has a GMP Certified Pharmacy for manufacturing various types of medicines required for Hospitals and Research purposes. Good Manufacturing Practices (GMP) are strictly followed by the Pharmacy. Quality Control measures to maintain quality standards of medicines at all levels are ensured. 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 Micro Pulveriser, Disintegrator, Shifter, Mixer, Mini Pulveriser, Pouch-making Machine, Cutting/Chopping Machine, Dryer, Granulator, Tablet Making Machine, Strip Packing Machine, electric Furnaces, Juicer, Bottle Washing Machine, Diesel Furnace, 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, Vacuum Cleaner etc. Conventional equipments are also available and are put to use in the method of preparation, wherever necessary. In addition to preparation of 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, 169 Types of Medicines (38,585 Kg.) worth Rs. 1,28,17,691 were manufactured registering an increase of 3,000 Kg. as compared to last year.

## CENTRAL FACILITIES AND SERVICES

### LIBRARY

The Library has sufficient space for storing of books, Journals, Thesis, Reading Rooms, Reference Rooms etc. All halls of the Library are air-conditioned and equipped with 8 CCTV Cameras and Wi-Fi Internet connection. The Library offers circulation, photocopying references and press clippings services, newspapers, magazines etc.

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 more than 26,953 Text Books on Ayurveda and other sciences required for the Institute. 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 7,100 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 19,000 times. Open Access System is maintained and books are arranged in classified order, which is very helpful. 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 Sundays and 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 is in progress and in near future it will be digitalized.

### MANUSCRIPT UNIT

A Manuscript Unit is set-up in the Institute to preserve rare Scripts, Samhitas, Classical References on Ayurveda which are available with erudite scholars of Ayurveda, Libraries, royal families, Places, individuals, organizations etc. This is the study of scientific exploration of past in the purview of present knowledge for the future researcher. Manuscriptology improving general and intellectual status of research scholar gives impetus towards the totality of Ayurvedic wisdom with adept knowledge in Samhitas. It also helps to develop excellent skill in research methodology.

### IT CENTER

Wi-Fi Networking Facility has been provided in the entire Campus for the benefit of Teachers, Officers, Scholars, Students and Staff for various teaching, training, research, patient care, other technical and administrative matters etc. for which internet connection with a Capacity of 10 Mbps (1:1) 100% Download and Upload Speed was obtained from BSNL through OFC Cable. This has facilitated mobile access to Internet Facilities in the entire buildings in the Campus accommodating Teaching Departments, Laboratories, Library, Class Rooms, Offices, Hostels, etc. etc. Around 1100 Users, spread over Teachers, Officers, Staff, Scholars and Students, are using the Wi-Fi facility in the Campus. The IT Centre HAS Broad Band Internet, Scanning and Printing facilities. Separate sitting arrangements are provided to Faculty Members, Staff, Scholars and Students. All the teachers, officers, staff and also all Departments and Offices have been provided Computers and Internet Facility. During the year under report, Internet was accessed 1,496 times, i.e. 599 times by the scholars and 897 times by the faculty members and others in the the IT Center.

### HERBAL GARDEN IN CAMPUS

A Herbal Garden was developed in the Campus for demonstration and teaching purposes of students and scholars in their day-to-day teaching and training activities. More than 170 plants and herbs have been planted in the garden.

### AUDITORIUM

The Institute has an air-conditioned Auditorium with a capacity of 500 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 separate Generator Set etc. 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, cultural programs, etc.

### HOSTEL

Presently the Institute has the following Hostels for UG Students, PG and Ph.D. Scholars with 445 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
Diploma Nursing Girls Hostel	1	5 Seats
Ph.D./PG Hostel in Flats	-	20 Seats

TV LCDs, Guest Rooms, Refridrators, Water Coolers, RO Water Purifiers, Lifts, Solar Water Heating Systems, Newspapers facilities are provided in all the Hostels.

### PUBLICATIONS

The Institute publishes a Quarterly Peer Reviewed Journal of AYURVEDA and NIA Newsletter. They are widely subscribed and distributed to various Ayurvedic Colleges and organizations in the country.

#### 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 has a wide subscription base.

#### NIA Newsletter

This is a bi-monthly Newsletter, NIA Newsletter highlighting various activities of the Institute. 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, Orgtanizations, 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. on 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.

### EXTRA CURRICULAR ACTIVITIES

**Establishment Day:** Establishment Day of the Institute was celebrated on 7-2-2016. A Dhanwantari Puja was performed. On the occasion, 2 Employees of the Institute, Smt. M. Renuka, Laboratory Technician and Shri Mali Ram Bunkar, MTS were felicitated. They were presented with a Certificate of Appreciation, Sripala 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 21-5-2016, Director administered Pledge to Teachers, Officers, Staff, Scholars and Students who attended in good number. On the occasion, Director in his address stressed the need of awareness among all sections of people, about the danger of terrorism, violence and its dangerous effect on the people, the society and the nation as a whole.

**National Integration Week:** The Institute observed National Integration Week and Communal Harmony Campaign from 19<sup>th</sup> to 25<sup>th</sup> November 2015. Director administered the Pledge on 20-11-2015 to Teachers, Officers, Staff, Scholars and Students for promoting communal harmony, national integrity, peace and affection among people beyond feeling of caste, color or creed. On the last day of the Week, 25<sup>th</sup> November 2015 observed as Communal Harmony Flag Day and an amount of Rs. 4,450 was collected during the Flag Day and the deposited to National Foundation for Communal Harmony.

**Swachh Bharat Abhiyan:** The Cleanliness Drive is continued under the the Swachh Bharat Abhiyan in the Institute. An action plan on Swachh Bharat Abhiyan has already been prepared and action is taken accordingly. All the Departments, Hospital Laboratories, Pharmacy, Offices, Hostels and also the entire are of the Campus have been got cleaned in the Campaign and proper cleanliness is ensured.

**Dhanwantari Jayanti:** Institute celebrated Dhanwantari Jayanti on 9-11-2015 and performed Pooja for good health of everyone and peace in the globe. On the occasion, Teachers, Officers, Staff, Scholars and Students were present in good number. Director reviewed the progress of the plans, achievements, etc. of the Institute.

**Vigilance Awareness Week:** Vigilance Awareness Week was observed in the Institute during 26-10-2015 to 31-11-2015 as per the instruction of Central Vigilance Commission. On the occasion, Director administered the Pledge on 27-10-2015 to the Teachers, Officers, Staff, Scholars and Students who gathered in good number.

**Constitution Day:** Constitution Day was celebrated by the Institute on 26 November 2015 as per directives of the Ministry of AYUSH. On the day in 1949, the Constitution was adopted and it came into force on January 26, 1950. On the occasion, all the faculty members, staff, students and scholars read out the Preamble of the Constitution.

**World Piles Day:** Institute has celebrated World Piles Day on 20-11-2015. Special attention was given to patients of piles. Demonstration and classess were conducted on the subject for the benefit of students and scholars. On the occasion a keynote lecture on *Recent Modalities in the Management of Arsha/Haemorrhoids* delivered by the Head of the Department of Shalya in the Institute Auditorium which was attended by all faculty members and scholars of all Departments.

#### Free Medical Camps:

- A free Medical Camp for Women facing gynecological problems etc. was organised on 9-12-2015 in the Hospital. A total of 130 female patients were screened in the Camp.
- 2 free Osteoporosis (BMD) Camps were organised on 14-12-2015 and 28-12-2015 Hospital Campus of the Institute in which 310 persons took the benefit of free consultation and tests.



- A 7-Day Medical Camp from 16 to 23 December 2016 was organised in Hospital to provide treatment for Haemorrhoides, Fistula, Abscess, etc. and also for cleansing & dressing to certain conditions of wounds, abrasions, bruises, burns. Patients were given treatment Jalokavacharana Therapy.
- A free Medical Camp for Diabetic patients was organised on 19-12-2015 in the Hospital Campus. A team comprising of doctors and para-medical staff conducted Diabetic checkups for 65 patients.
- A Blood Donation Camp in collaboration with the Blood Bank of Santokba Durlabhji Memorial Hospital, Jaipur. was organised by the Internees of BAMS in the Hospital Campus on 21-12-2015. More than 100 students, faculty and staff members participated voluntarily in the Camp. 103 Units of blood was collected during the Blood Donation Camp.
- 1-Day Camp on diabetic Retinopathy was organised in January 2016 in Eye OPD in which 76 patients of Diabetes were treated.
- 1-Day Camp on ENT Disorders was organised in the Hospital in February 2016.
- 1-Day Camp on Diabetic Retinopathy was organised in the Hospital Campus on 10 February 2016 in ENT OPD.

### **International Yoga Day:**

International Yoga Day was celebrated on 21 June 2015 by the Institute. On the occasion, a six-kilometre mini-marathon 'Run for Yoga' was organised from main campus of the Institute to Badi Chopar to spread the awareness of Yoga and its benefits. It was flagged off at the main campus of the Institute by Shri Ved Prakash Tyagi, President, CCIM. Discussion on the benefits of Yoga in human life was held followed by practice of Yogasanas. 500 persons including Faculty Members, Staff, UG and PG Scholars and neighborhoods of the Institute participated in the event. Various Yoga Asanas were demonstrated and conducted by Yoga experts. Director welcomed all the participants and emphasized on the importance of daily practicing yoga. On the day, a Workshop on Yoga was organised in the Institute where Experts explained the importance of Yoga in various diseases and demonstrated Yoga Asanas for individuals with specific health problems.

### **RAJBHASHA**

The Institute has constituted a Rajbhasha Karyanvayan Samiti headed by an Associate Professor who performs various activities like organization of Hindi Diwas, Hindi Pakhwara, and meetings for promoting the need of Rajbhasha in the Institute, round the year. Quarterly Meetings of Rajbhasha Karyanvayan Samiti were held on 15-6-2015, 10-9-2015, 11-12-2015 and 17-3-2016 in which various decisions and recommendations were made. Appropriate steps were taken for implementation of the decisions taken in the meetings of the Rajbhasha Karyanvayan Samiti. Raj Bhasha Officers of the Ministry of AYUSH led by Shri Anil Kumar Ganeriwala, Joint Secretary and Shri Kailash Chandra Bhatt, Assistant Director, Ministry of AYUSH visited the Institute on 17-2-2016 to examine various matters related to Raj Bhasha and to provide necessary directions and guidance for the smooth and proper implementation of Raj Bhasha activities. Hindi Day and Hindi Fortnight was celebrated during 1-9-2015 to 15-9-2015 and meetings for promoting Rajbhasha was held.

A One day Workshop on Hindi was organised on 21-9-2019 to encourage the use of Hindi and propagate the language among the faculty members and staff. A key note address was delivered on the use of Hindi by the Devrashi Kala Nath Shastri, a Sanskrit Scholar for the benefit of faculty members and staff. All the faculty members, officer and staff actively participated in the Workshop.

**MEETING OF COMMITTEE OF PARLIAMENT ON OFFICIAL LANGUAGE**

The Institute is committed to comply with the statutory provisions with regard to the Official Language Policy of the Government of India. The Institute attended an Inspection Meeting of the Hon'ble 3rd Sub-Committee of the Committee of Parliament on Official Language held on 17 Feb 2016 at Jaipur and presented its submissions. The Institute made all efforts to achieve the targets set by Official Language Deptt. Ministry of Home Affairs, Government of India.

**MEETING OF COMMITTEE ON PAPERS LAID IN RAJYA SABHA**

A Meeting of the Hon'ble Committee on Papers Laid on the Table of Raja Sabha was held on 8th and 9th January, 2016 at Udaipur to study the constraints being faced by the Institute in preparing/laying its annual report and audit report timely. The Institute submitted detailed Questionnaire in the prescribed format before the Committee and presented a Power Point Presentation on the Activities of the Institute before the Committee. The Committee expressed satisfaction with the submissions of the Institute.

**GENERAL ACTIVITIES**

- Shri Ajit M. Sharan, Secretary, Ministry of AYUSH visited the Institute on 2-11-2015 and interacted with teachers, staff, students on various activities of the Institute.
- 51<sup>st</sup> Meeting of Standing Finance Committee was held on 20-10-2015 under the Chairmanship of Shri Anurag Srivastava, Joint Secretary, Ministry of AYUSH at New Delhi. Various proposals for the development and progress of the Institute were approved in the Meeting.
- Shri Anil Kumar Ganeriwala, Joint Secretary, Ministry of AYUSH visited the Institute on 5-6-2016 to inspect the activities undertaken by the Institute under Swachh Bharat Abhiyaan and gave necessary directions on the Abhiyaan.
- A Meeting of Departmental Promotion Committee (Gr.C) was held on 16-9-2015 under the Chairmanship of Director to consider Promotion of some Group-C Staff. Subsequently on the recommendation of DPC incumbents were promoted on the Posts of Museum Assistant, UDC, LDC and Laboratory Assistant.
- 25 newly recruited Physicians of Unani & Homoeopathy in the Government of Rajasthan, were given an orientation program in the Hospital of the Institute. They were shown various Departments, Laboratories, Hospitals etc. and an interaction was made with Director and Teachers to make them understand about various hospital and patient care services.
- Director attended the Conference of Health/AYUSH Ministers of States/UTs organized by the Ministry of AYUSH on 19-2-2016 at New Delhi.
- Director and Deputy Director(Admn.) attended in 2-Day Training Program organized by the Institute of Secretariat Training & Management at New Delhi held on 28-29 March 2016. The Training Program comprised of Establishment, Finance & Accounts, Disciplinary Proceedings and RTI matters.
- Counselling for BAMS, MD(Ayurveda)/MS(Dhanwantari) and Ph.D.(Ayurveda) was conducted by the Dr. Sarvepalli Radhakrishnan Rajasthan Ayurveda University at Jodhpur after which 84 Candidates were admitted to the PG Course of MD(Ayurveda), 90 to the UG Course of BAMS and 42 to Ph.D.(Ayurveda).



- **Public Grievances Cell:** This Cell was looked after by a Senior Professor. During the reported year, 16 grievances were received and they were promptly attended to, remedial measures taken and the complainants informed accordingly. The data was also uploaded on the portal of the Ministry.
- **RTI Cell:** During the year, 114 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.
- **Vigilance Cell:** During the year, no case of vigilance related matter was received. Vigilance Week was observed during 30th October 2015 in the Institute. Director administered the Pledge to Teachers, Officers, Staff, Scholars and Students gathered in good number.
- **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, headed by Senior Teacher belonging to SC and ST.

### PARTICIPATION IN HEALTH MELAS

The Institute has actively participated in the following Arogya/Health Melas organized by the Ministry of AYUSH and Govt. of Rajasthan and put up Stalls to project its various teaching, training, research and patient service activities. Brochures, Leaflets, Handbills containing information materials on Health, Ayurveda, Do's and Dont's for maintaining good health, Dinacharyas, Ritucharyas, Panchakarma, Body Constitution, Aahar-Vihar, Sadvrata, Sthoulya, etc. were distributed free of cost to the visitors. Free Consultations were also offered to visitors. Good number of people visited the Institute Stalls in all these Melas:

1.	Arogya Mela	Triuvananthapuram	21-25 May	2015
2.	Advantage Health Care India	New Delhi	2-7 Oct.	2015
3.	Arogya Mela	Varanasi	12-15 Dec.	2015
4.	Arogya Mela	Bengaluru	3-7 Jan.	2016
5.	Arogya Mela(Govt. of Raj.)	Jodhpur	28-31 Jan.	2016
6.	Arogya Mela	Dehradun	5-8 Feb.	2016
7.	Arogya Mela	Ranchi	12-15 Feb.	2016

### ACHIEVEMENTS AT A GLANCE

- 90 Admissions were made in Under-Graduate Course of BAMS.
- 84 Admissions were made in Post-Graduate Courses of MD/MS(Ayurveda).
- 42 Admissions were made in Regular Fellowship Program leading to Ph.D.(Ayurveda).
- 30 Admissions were made in Diploma Course of AYUSH Nursing & Pharmacy.
- 16 Admissions were made in Certificate Course for Panchakarma Attendant.
- Admitted students of BIMSTEC and Central Government Nominee to BAMS, MD/MS(Ay.) and Ph.D. Courses.
- 2,44,123 Patients were treated in OPD out of which 1,20,765 were new patients.
- 77,683 Patients were treated in IPD out of which 7,015 were new patients by admitting in 300 bedded Hospital.
- 3,33,662 Number of Bio-Chemical, Serological, Pathological, X-Ray, USG Tests conducted in Central Laboratory.
- 19,021 Para-surgical procedures and 642 Operative Procedures were conducted in Shalya Department.
- 5054 Ayurvedic Karmas were performed in Prasuti Tantra and Stri Roga Department(Obstetrics and Gynecology).
- 48 Mobile Clinical Camps were organized in SC and ST inhabited Districts of Rajasthan under SCP-TSP Scheme by which 54,322 Patients were treated and free medicine dispensed.
- 169 Types of Medicines (38,585 Kg.) worth Rs. 1,28,17,691 were manufactured in Institute Pharmacy to meet the needs of patient care activities, research activities of PG and Fellowship Programs.
- 2-Day National Workshop on Research Methods and Synopsis Development was organized in January 2016.
- 112 Research Works of PG Scholars were completed and 196 Research Works of PG Scholars continued. 14 Research Works of Ph.D. Scholars were completed and 37 continued.
- More than 250 Articles were authored by the faculty members of the Institute and published in various national, international and online peer reviewed journals.
- Active participation of faculty members in 10 International Seminars, 50 National Seminars as Resource persons and paper presentations.
- 4 Teachers received awards for excellence in the field of Ayurveda.
- New Laboratory for Standardization of Kriya Kalpa Procedures set-up in the Hospital.
- 1 Lecturer from NIA continued deputation in Malaysia for 2 Years to provide Panchakarma Treatment and Training in Government Hospitals in Malaysia.

## REPORT ON TEACHING DEPARTMENTS

### 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 Visha (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, 1 Professor (on contractual basis), 2 Associate Professors, 1 Lecturer 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 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) 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. Poornima Mansoria	Dr. Vinod Kumar Gothecha Professor Dr. Deepak Godara	An in-vivo Toxicological Study of Agnikumar Rasa and its effect on Jwara.
2.	Dr. Radha Gupta	Dr. Vinod Kumar Gothecha Professor Dr. A.R.K. Pathan	Chemical Analysis of Residues of Pesticide on Tomato (Tamatar) before and after Dhaavan by Manjistha Kwatha.
3.	Dr. Richa Sharma	Dr. Rama Kant Sharma Associate Professor Dr. Deepak Godara	An in-vivo Study of Antipyretic Effect of Alcoholic Extract and Aqueous Extract of Sanjeevani Vati.
4.	Dr. Ramnivas Berval	Dr. Rama Kant Sharma Associate Professor Dr. Deepak Godara	An in-vivo Study of Toxicological Effects of Shudha Dhatura Beej and its Therapeutic Efficacy w.s.r. to Jwar.
5.	Dr. Ravi Kumar Kushwaha	Dr. Anita Sharma Associate Professor Dr. Sharad Porte Lecturer	A Comparative Clinical Study of Mritasanjivan Rasa and Sunthyadi Kwath in the Management of Amavata w.s.r. to Dushivisha.
6.	Dr. Savita Saini	Dr. Sharad Maroti Porte Lecturer	Antimicrobial Study of Anandbhairav Ras (Atisar-Adhikar) w.s.r. to Bacterial Food

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Aarti Kondel	Dr. Rama Kant Sharma Associate Professor Dr. Sharad Maroti Porte Lecturer	Comparative Study of Samirgaj Kesari Rasa and Mukta Pisti with Dushivishari Agad in Alcohol Withdrawal Syndrome.
2.	Dr. Anshu Malviya	Dr. Sharad Maroti Porte Lecturer	A Randomized Controlled Clinical Trial of Pueraria Tuberosa and Herbal Formulation in Alcohol Addiction.
3.	Dr. Dinesh Kumar Kumawat	Dr. Vinod Kumar Gothecha Professor Dr. Sharad Maroti Porte Lecturer	Clinical Efficacy of Kashyapokta Virechan Yoga and Nagbalaghritam in Long Term Health Hazards of Pesticides.
4.	Dr. Rohit Kumar Khatik	Dr. Anita Sharma Associate Professor	A Clinical Study of Efficacy of Snuhayadi Tailam on Khalitya.
5.	Dr. Sangeeta Rathors	Dr. Anita Sharma Associate Professor Dr. A.R.K. Pathan	A Toxicological Analysis of the Residues of Pesticides on Ladyfinger (Abelmoschus Esculents) before and after Dhawan by Haridra Jal.
6.	Dr. Awadh Kishor Mishra	Dr. Rama Kant Sharma Associate Professor Dr. Sharad Maroti Porte Lecturer	A Comparative Clinical Study of Effect of Sameergaj Kesari Ras Jvarhar Kwath and Baluka Sweda on Amavata.
7.	Dr. Rashmi Saini	Dr. Vinod Kumar Gothecha Professor Dr. Sharad Maroti Porte Lecturer	In Vivo Anti Cancer Activity and Toxicity of Hargouri Rass w.s.r. to Endometrial Cancer.
8.	Dr. Monika Sharma	Dr. Sharad Maroti Porte Lecturer	In Vivo Anti Cancer Activity and Toxicity of Ayurvedic Compound w.s.r. to Leukaemia.
9.	Dr. Rajveer Sason	Dr. Anita Sharma Associate Professor	The Clinical Study of Amritaadi Ghanvati and Vishghan Lepa in Dushivishjanya Vikar w.s.r. to Allergic Skin Diseases.
10.	Dr. Nilam Arya	Dr. Anita Sharma Associate Professor	A Clinical Study of Efficacy of Vicharchikari Tailam and Vidangadi Pindi in the Management of Vicharchika.
11.	Dr. Subodh Jain	Dr. Rama Kant Sharma Associate Professor Dr. Sharad Maroti Porte Lecturer	Antibacterial Study of Aqueous Extract of Vishaghan Mahakashaya w.s.r. to Food Poisoning.
12.	Dr. Sushil	Dr. Rama Kant Sharma Associate Professor Dr. Sharad Maroti Porte Lecturer	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, the following MD(Ayurveda) Scholars were submitted synopsis for their research work:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Sanchit Jain	Prof. Vinod Kumar Gothecha Dr. Anita Sharma Associate Professor	A Comparative Clinical Study on Effect of Kutnatadi Tailam and Gunja Lepa on Khalitya.
2.	Dr. Sapna Khatri	Dr. Anita Sharma	Clinical Efficacy on Palashbeejadi Yoga and

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		Associate Professor Dr. Sharad Porte Lecturer	Kampillakadi lepa on Mandal Kushtha w.s.r. Dushi Visha.
3.	Dr. Manpreet Kaur	Dr. Anita Sharma Associate Professor Dr. Sharad Porte Lecturer	Clinical Study of Brahm Ras and Chatusam Lepa in Dushivishjanay Tvak Vikar.
4.	Dr. Meena Kumari	Prof. Vinod Kumar Gothecha Professor Dr. Anita Sharma Associate Professor	Clinical Efficacy of Vishamushthyadi Vati in Tobacco Addiction – A randomized Control Trial.
5.	Dr. Sandeep Charak	Dr. Sharad Porte Lecturer	Efficacy of Narayan Churna in Alcohol Addiction : Single Blind Randomised Clinical Trial.

### 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.

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

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Anita Sharma Associate Professor Dr. Rajveer Sason PG Scholar	The Phytochemical and Pharmacological Properties of Cordia Dichtoma - A Review.	Ayushdhara May-June 2015 Vol. 2, Issue-3
2.	Dr. Anita Sharma Associate Professor Dr. Neelam Arya PG Scholar	The Therapeutic and Toxicological Effect of Chitrak (Plumbago Zeynlica).	Ayushdhara July-August 2015 Vol. 2, Issue-4
3.	Dr. Sharad M. Porte Lecturer Dr. Radha Gupta PG Scholar Dr. Anshu Malviya PG Scholar	Chronic Toxicity of Mercury in View of Ayurveda.	Ayushdhara July - Aug, 2015 Vol. 2, Issue-4
4.	Dr. Sharad M. Porte Lecturer Dr. Anshu Malviya PG Scholar	Drug Addiction and Its Ayurvedic Method of Deaddiction.	JREIM Online October 2015
5.	Dr. Anita Sharma Asso. Professor Dr. Rohit Kumar Khatik PG Scholar Dr. Subhod Jain PG Scholar	Clinical Efficacy of Vrahat Dadimashtak Choorna : A Critical Review.	IJAPR December 2015
6.	Dr. Anita Sharma Associate Professor Dr. Rajveer Sasan PG Scholar	A Conceptual Study of Sheetpita, Udard and Kotha w.s.r. to Urticaria : A Review.	IJAPR Jan. 2016 Vol. 4, Issue-I
7.	Dr. Anita Sharma Associate Professor Dr. Rohit Kumar	Antimicrobial Activity of Upavisha and its Clinical Corelation with Contemporary Science : A Critical Review.	IJPSR Vol. 7, Jan 2016

	Khatik PG Scholar Dr. Subhod Jain PG Scholar		
8.	Dr. Vinod Kumar Gothecha Professor Dr. Anita Sharma Associate Professor Dr. Sharad Porte Lecturer Dr. Rashmi Saini PG Scholar	Ayurvedic Aspect of Endometrial Cancer and its Ayurvedic Management.	IJRAP Vol. 7, Issue-I Jan-Feb 2016
9.	Monika Sharma, Dr. Sharad Porte Lecturer	Role of Ayurvedian Management of Leukemia (Raktarbuda).	IJPSR, Feb 2016 Vol.7, Issue 2
10.	Dr. Anshu Malviya, P.G Scholar Dr. Sharad M. Porte, Lecturer	Critical Review on Vidarikandha (Pueraria Tuberosa) - An Ayurvedic Herb.	IJAPR, Feb-2016, Vol-4, Issue-2
11.	Dr. Anshu Malviya, P.G Scholar Dr. Sharad M. Porte, Lecturer	Development of Ayurvedic Protocol for Diagnosis and Management of Alcohol Addiction.	J. Res Educ. Indian Med, Online on Feb 10, 2016
12.	Dr. Anita Sharma Associate Professor Dr. Rohit Kumar Khatik PG Scholar Dr. Monika Sharma PG Scholar	विष में पित्त का कार्मुकत्व एक वैज्ञानिक विश्लेषण	Sachitra Ayurveda Jan-March 2016
13.	Dr. Anita Sharma Associate Professor Dr. Sharad M. Porte Lecturer Dr. Mishra Awadh Kishore PG Scholar Dr. Rohit Kumar Khatik PG Scholar	Cumulative Poisons and its Management w.s.r. to Dushi Visha.	IJAPR, March 2016, Vol.4, Issue-3

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

Sl.No.	Name of Faculty Member and Scholar	Details of Workshop/Seminar	Paper Presented
1.	Dr. Anita Sharma Associate Professor Dr. Rohit Kumar Khatik P.G. Scholar	National Seminar on Healthy Life Style and Life Style Disorders organized by Ayurveda Vyaspeeth, Gujarat Prant, Ahmedabad on 12-4-2015.	Role of Vedic Food Elements on Physical and Mental Health.
2.	Dr. Anita Sharma, Associate Professor Dr. Rajveer Sason P.G. Scholar	National Seminar on Healthy Life Style and Life Style Disorders organized by Ayurveda Vyaspeeth, Gujarat Prant, Ahmedabad on 12-4-2015.	Role of Medhya Rasayan in Life Style Disorder.
3.	Dr. Vinod Kumar Gothecha Professor Dr. Sharad M. Porte Lecturer	National Seminar on Healthy Life Style and Life Style Disorders organized by Ayurveda Vyaspeeth, Gujarat Prant, Ahmedabad on 12-4-2015.	Role of Tri Upstambha in Life Style Disorder : A Review.

	Dr. Rashmi Saini P.G. Scholar		
4.	Dr. Anita Sharma, Associate Professor Dr. Rajveer Sasan PG Scholar	International Conference on Tantra Sharir - Kundalini Yoga and Pshycosomatic Disorders organized by Banaras Hindu University, Varanasi on 27-28 September 2015.	Role of Medhy Rasayan in Ayurveda as an Intergrals Approach for Psychological Disorders.
5.	Dr. Vinod Kumar Gothecha Professor Dr. Anita Sharma Asso. Professor Dr. Sharad M.Porte Lecturer Dr. Rashmi Saini PG Scholar	International Conference on Tantra Sharir, Kundalini Yoga and Pshycosomatic Disorders organized by Banaras Hindu University, 27-28 September, 2015.	Importance of Triupstambh in Disease of Civilization - An Ayurvedic Concept.
6.	Dr. Vinod Kumar Gothecha Professor Dr. Anita Sharma Asso. Professor Dr. Sharad.M.Porte Lecturer Dr.Dinesh kumar Kumawat PG Scholar	International Conference on Tantra Sharir, Kundalini Yoga and Pshycosomatic Disorders organized by Banaras Hindu University, 27-28 September, 2015.	Ancient and Contemporary Aspect of Varodhic Aahara - A Review.
7.	Dr. Sharad. M. Porte Lecturer Dr. Monika Sharma PG Scholar	International Conference on Tantra Sharir, Kundalini Yoga and Pshycosomatic Disorders organized by Banaras Hindu University, 27-28 September, 2015.	Ayurvedic Aspect of Drug Abuse and Psychosomatic Disorders.
8.	Dr. Anita Sharma Associate Professor Dr. Rohit Kumar Khatik PG Scholar	International Conference on Tantra Sharir, Kundalini Yoga and Pshycosomatic Disorders organized by Banaras Hindu University, 27-28 September, 2015.	Spritual Things of Food and its Effect on the Body - A Review.
9.	Dr. Sharad. M. Porte Lecturer Dr. Anshu Malviya PG Scholar	International Conference on Tantra Sharir, Kundalini Yoga and Pshycosomatic Disorders organized by Banaras Hindu University, 27-28 September, 2015.	Environmental Pollution by Heavy Metals and Minerals, its Prevention and Ayurvedic Management.
10.	Dr. Anita Sharma, Asso. Professor, Dr. Rohit Kumar Khatik PG Scholar	National Conference on Panchagavya Ayurved Vigyan organised by Govigyan Anusandhan Kendra, Deolapar, Nagpur(Maharashtra) on 31 October November, 2015.	Participation - National Conference on Panchagavya Ayurved Vigyan.
11.	Dr. Anita Sharma Asso. Professor Dr. Rohit Kumar Khatik PG Scholar	National Conference on Concept of Conservation Promotion and Development of Ayurveda in Global Era VAP-CON organised by National Institute of Ayurveda, Jaipur (Raj) in November 2015.	Participation - National Conference on Concept of Conservation Promotion and Development of Ayurveda in Global Era.
12.	Dr. Sharad M.Porte Lecturer	1st International Conference on Advances in Asian Medicine organised at Pune in Jan. 2016	In Vitro Anti-Microbial Efficacy of Aanad Bharav Ras on Bacillus Cerus
13.	Dr. Anita Sharma Asso. Professor Dr. Rohit Kumar Khatik PG Scholar	Workshop on Synopsis Development and Ethics in Research, organised by National Institute of Ayurveda, Jaipur (Raj)Jan 2016.	Participation - Workshop on Synopsis Development and Ethics in Research.



14.	Dr. Anita Sharma Asso. Professor Dr. Sharad M. Porte Lecturer Dr. Monika Sharma PG Scholar	Paper Presentation in International Conference on Recent Advancement in Panchkarma organized by Rishikul Ayurvedic College, Uttarakhand on 5-6 March, 2016.	Role of Jalukaavcharna in Acne Vulgaris.
15.	Dr. Anita Sharma Asso. Professor Dr. Rajveer Sasan PG Scholar	Paper Presentation in International Conference on Recent Advancement in Panchkarma organized by Rishikul Ayurvedic College, Uttarakhand on 5-6 March, 2016.	The detoxification therapy in Ayurveda.
16.	Dr. Vinod Kumar Gothecha Professor Dr. Anita Sharma, Asso. Professor Dr. Sharad M. Porte Lecturer Dr. Rashmi Saini PG Scholar	Paper Presentation in International Conference on Recent Advancement in Panchkarma organized by Rishikul Ayurvedic College, Uttarakhand on 5-6 March, 2016.	Role of Panchkarma in Psoriasis.
17.	Dr. Anita Sharma Asso. Professor	Paper Presentation in International Conference on Recent Advancement in Panchkarma organized by Rishikul Ayurvedic College, Uttarakhand on 5-6 March, 2016.	Role of Panchkarma in the Management of Bronchial Asthma w.s.r. to Tamak Swas.
18.	Dr. Sharad M. Porte Lecturer Dr. Monika Sharma PG Scholar	Paper presentation in International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Ayurvedic Management of Cumulative w.s.r. to Dushi Visha
19.	Dr. Sharad M. Porte Lecturer Dr. Anshu Malviya PG Scholar	Paper presentation in International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	The Effectiveness in Yoga in Alcohol De-Addiction and Rehabilitation.
20.	Dr. Anita Sharma Asso. Professor Dr. Sangeeta Rathore PG Scholar	Paper presentation in International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Efficacy of Medhya-Rasayan in Psychosomatic Disorder w.s.r. Mentaliation.
21.	Dr. Anita Sharma Asso. Professor	Paper presentation in International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	The Role of Dushi Visha in the Pathogenesis of Allergic Bronchial Disorder.

#### **Clinical:**

Clinical services were rendered to Indoor and Outdoor patients of the hospitals by this Department. Patients 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.



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

- Dr. Anita Sharma, Associate Professor conducted M.D.(Ayurved) Examinations at Rani Duliya Memorial Ayurveda PG College & Hospital, Bhopal on 12-13 January 2016.
- Dr. Sharad Maroti Portre, Lecturer attended a 6-day Mobile Medical Camp organised by the Institute at Banswara from 7-9-2015 to 12-9-2015 by the Institute and provided his patient care services.

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## DEPARTMENT OF DRAVYA GUNA

### Introduction:

The Department of Dravya Guna 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. The department has a National Repository of Genuine Drugs and a rich museum of dry drug samples.

During the year under report, 1 Professor, 1 Associate Professor and 3 Assistant Professors 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. The students were also taken for a Vanaspati Parichaya Yatra to the state of Himachal Pradesh, Uttarakhand which are known for its rich flora. Periodic class tests were held to keep the students continuously keen & attentive. The students were also encouraged to collect and prepare herbariums of important medicinal plants.

**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 & expoundation 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 dept. 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. Nivesh	Prof. Mita Kotecha Professor Dr. Sudipt Rath Assistant Professor	Phytochemical and Pharmacognostical Study of Kigelia pinnata DC (Balam Kheera) and its effect on Facial Blemishes.
2.	Dr. Hemant Vasistha	Prof. Mita Kotecha Professor Dr. Sumit Nathani Assistant Professor	Effect of Vastuk-Amalki Mishran on Haemoglobin Level.
3.	Dr. Dushyant Kishore	Dr. Sumit Nathani Assistant Professor Dr. Gaurav Sharma	Study of Different Types of Atmagupta Seeds with special reference to Vrishya Karma.
4.	Dr. Satyendra Singh	Dr. M L Jaiswal Associate Professor Dr. A. Rama Murthy Assistant Professor	A Study of Analytical and Vyanghara Karma of Laksha obtained from different host plants.
5.	Dr. Rashmi Patekar	Dr. M L Jaiswal Associate Professor	Evaluation of Vacha (Acorus Calamus) in the Management of Yuvanpidika.
6.	Dr. Swati Dashrath Ugale	Dr. Sumit Nathani Assistant Professor	Evaluation of Effect of Pippali (Piper Longum) and Lauha Bhasam on Blood Haemoglobin Level.
7.	Dr. Sunita Rajput	Dr. A. Rama Murthy Assistant Professor	Evaluation of Antifungal Activity of Psoralea Corylifolia (Bakuchi) in its Clinical Efficacy on Darunaka.
8.	Dr. Manju Meena	Dr. A. Rama Murthy Assistant Professor	Comparative Pharmacognostical and Phytochemical Evaluation of Roots, whole Plants and Market Samples of Laghupanchmoola.

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. Tarun Sharma	Dr. A. Rama Murthy Assistant Professor	Clinical Comparative Clinical Study of Black and White Seeds of Kapikachhu with special reference Vrishya Karma.
2.	Dr. Satyapal Sharma	Dr. Sudipt Rath Assistant Professor	Anti-microbial Evaluation of a Herbal Anti-septic Cream.
3.	Dr. Malvika	Prof. Mita Kotecha Professor	Development of an Anti-microbial Drug Delivery System.
4.	Dr. Arun Goyal	Dr. Mita Kotecha Associate Professor	In Vitro Evaluation of Anti-microbial Effect of Herbal Formulation.
5.	Dr. Dattareya Sarvade	Dr. M L Jaiswal Associate Professor	In Vitro Thrombolytic Activity of Bhallatak, Ela and Arka Ankura.
6.	Dr. Ritu Rajoriya	Dr. Sumit Nathani Assistant Professor	Comparative Study on Adraka and Shunthi Prepared by Different Drying Procedures.
7.	Dr. Sandeep Garud	Dr. Mita Kotecha Professor	An Analytical Literary Study of 'Bhaishajya -Kaal' According to Laghutray's & Brihatray's w.s.r. to Chikitsa Sthan of Charak Sanhita.
8.	Dr. Dipti	Dr. M L Jaiswal Associate Professor	An Evaluation of Antimicrobial Phytochemical Activity of Root and Fruit (tender and mature) of Kareera (Capparis decidua Edgew).
9.	Dr. Richa Khandelwal	Dr. Sumit Nathani Assistant Professor	A Comprehensive Study of Madhuka (Wlyayrrhiza Glabia Linn.) w.s.r. to its Shonita-Sthapana Karma.

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10.	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 Adjuvant with Modern Antihyper Tensive Drugs.
11.	Dr. Santosh Pal	Dr. A. Rama Murthy Assistant Professor	Vayahstho pana (Healthy Aging) and Role of Guduchi and Amalaki Ghan in Premature Aging due to Stress.
12.	Dr. Anubha Chaudhary	Dr. M L Jaiswal Associate Professor	An Analytical Study of Ayurved Mahodadhi (Sushen Nighantu) w.s.r. to use of Nagar (Zingiber officinale ros) and Pippali (Piper longun Linn.) in Dugdh Asatmyata.
13.	Dr. Kushalya Chaudhary	Prof. Mita Kotecha Professor	Study of Learning and Memory in the Radial Arm Maze Rat Model of Tinospora Cordifolia and Tinospora Malabarica in Different Dosage Forms.
14.	Dr. Umesh Kumar Mehata	Prof. Mita Kotecha Professor	A Study of Vata (Ficus Benghalensis) Twak Churna on Blood Coagulation Effect on Albino Rats.

During the year under Report, the following one Ph.D. Scholar continued his research work:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Ravindra Sharma	Prof. Mita Kotecha Professor	An Extensive Assessment of Ethnomedicinal Plants of Tribal Areas of Udaipur District w.s.r. Jhadol Tehsils in perspectives 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.

### Publication:

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

Sl.No.	Author's Name	Title	Publication Details
1.	Prof. Mita Kotecha Professor	Application of Ayurgenomics in Personalised Selection of Ayurvedic Herbs.	International Ayurvedic Medical Journal IAMJ Volume 3; Issue 8 August 2015
2.	Prof. Mita Kotecha Professor	Comparative Evaluation of Analgesic Activity of Oleogumresin and Stem Bark Extract of Guggulu in Albino Rats.	International Research Journal of Pharmaceutical and Biosciences (IRJPBS) 2 (5)01-09
3.	Prof. Mita Kotecha Professor	Suranjana (Colchicum luteum) - A Rhizomatic Plant.	An International Journal of Research in AYUSH and Allied Systems
4.	Prof. Mita Kotecha Professor	Macro And Microscopic Study of Meetha Neem(Murraya koenigh linn)	World Journal of Pharmaceutical Research Vol.-4, Issue 09, 2015
5.	Prof. Mita Kotecha Professor	Comparative Evaluation of Anti-Inflammatory Activity of Oleogumresin and Stem Bark Extract of Guggulu in Albino Rats.	International Research Journal of Pharmaceutical and Biosciences (IRJPBS).

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6.	Prof. Mita Kotecha Professor	A Review on the Standardization of Herbal Medicines.	International Journal of Pharma Sciences and Research (IJPSR) Vol. 7, No. 02 Feb 2016
7.	Prof. Mita Kotecha Professor	Yava(Hordeum vulgare linn) : A Review	International Research Journal of Pharmacy Vol. 7(3), 2016.
8.	Dr. Mohan Lal Jaiswal Associate Professor	Improvement of Lifestyle in Atherosclerotic Patient through Ayurvedic Management.	Amrit Sanchar- A journal of Ayurveda
9.	Dr. Mohan Lal Jaiswal Associate Professor	A Review On Traditional and Folklore Uses, Phyto-chemistry and Pharmacology of Eclipta alba (L) HASSR.	International Ayurvedic Medical Journal
10.	Dr. Mohan Lal Jaiswal Associate Professor	Vrishya Karm of Shalparni (Desmodium gangeticum DC) and Gokshur (Trubulus terrestris linn): A Comparative Clinical Study.	Journal of Ayurveda
11.	Dr. Mohan Lal Jaiswal Associate Professor	Review on Computer Vision Syndrome and its Management by Ayurveda.	World Journal of Pharmaceutical Research
12.	Dr. Mohan Lal Jaiswal Associate Professor	Ek Ped Ek Zindagi - Griha Vatika Ropan Yoga Vanaspatiyan.	Dainik Bhaskar 5-08-2015
13.	Dr. A Rama Murthi Assistant Professor	Some Important Medicinal Plants of Arid Zone of Rajasthan.	Journal of Drug Research Vol.4, Issue 1, 2015 ISSN 2319-5916
14.	Dr. A Rama Murthi Assistant Professor	A Comparative Phytochemical Study of Different Types of Kapikachhu Seeds w.s.r to its use in Parkinsons Disease.	World Journal of Pharmaceutical Research Vol. 5, Issue 02 ISSN 1621-1631
15.	Dr. A Rama Murthi Assistant Professor	Cardinal Identification Features of Bharangi and its Market Samples.	International Journal of Ayurveda and Herbal Medicine Vol.- 5, Issue 2 March – April 2015 (1689 -1694)
16.	Dr. A Rama Murthi Assistant Professor	Surankanda (Amorphophallus Campanulatus Blume) – A review.	Journal of Drug Research Vol.4, Issue 2, 2015 ISSN 2319-5916
17.	Dr. Sudipt Kumar Rath Assistant Professor	Depression : Ayurvedic Approach to Management.	Elements Vol.13, No.1(2015) ISSN 1557-0592.
18.	Dr. Sudipt Kumar Rath Assistant Professor	Some Important Medicinal Plants of Arid Zone of Rajasthan.	Journal of Drug Research Vol.4, Issue 1, 2015 ISSN 2319-5916
19.	Dr. Sudipt Kumar Rath Assistant Professor	Application of Ayurgenomics in personalized selection of Ayurvedic Herbs.	International Ayurvedic Medical Journal Vol. 3, Issue 8, 2015 ISSN 2320 5091.
20.	Dr. Sudipt Kumar Rath Assistant Professor	Surankanda (Amorphophallus Campanulatus Blume) ” – A review.	Journal of Drug Research; Vol. 4, Issue 2, 2015 ISSN 2319-5916
21.	Dr. Sudipt Kumar Rath Assistant Professor	Seasons and Seasonal Regimen – Identification and Practical Application in Different Parts of the Globe	Ayurmantra Issue 1, Feb- Mar 2016 USA & Canada
22.	Dr. Sumit Nathani Assistant Professor	Concept of Psychopharmacology in Ayurveda.	Journal of Vishwa Ayurveda Parishad Vol. 8, August 2015
23.	Dr. Sumit Nathani Assistant Professor	Macro and Microscopic Study of Meetha Neem(Murrya koenigi linn):	World Journal of Pharmaceutical Research Vol. 4, Issue 9
24.	Dr. Sumit Nathani Assistant Professor	Suranjaan (Colchicum luteum baker) - A Rhizomatic Plant.	Ayushdhara - An International Journal of

			Research in AYUSH and Allied Sciences Vol. 2, Issue 3 May-June 2015
25.	Dr. Sumit Nathani Assistant Professor	Review of Ayurvedic Drugs Acting on Hypothyroidism.	International Ayurvedic Medical Journal Vol. 3, Issue 8 August 2015

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

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar	Participated as
1.	Prof. Mita Kotecha, Professor	National Seminar on Current Status of Medical Plants in Arid Zones and their Marketing Linkage, organized by Rajasthan State Medicinal Plants Board, Jaipur on 9-10 September 2015.	Took part as Chairperson of a Scientific Session in the Seminar.
2.	Prof. Mita Kotecha, Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Smasya Evam Samadhan roganised in the Campus of the Institute on 19 March 2016.	Took part as participant.
3.	Dr. Mohan Lal Jaiswal Associate Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Smasya Evam Samadhan organised by NIA at Jaipur on 19 March 2016.	Took part as participant.
4.	Dr. Mohan Lal Jaiswal Associate Professor	National Seminar on Current Status of Medical Plants in Arid Zones and their Marketing Linkage, organized by Rajasthan State Medicinal Plants Board(RSMPB), Jaipur on 9-10 September 2015.	Took part as Co-Chairperson and presented a paper titled Important Medicinal Plant Zones in Rajasthan.
5.	Dr. Mohan Lal Jaiswal Associate Professor	Workshop on Synopsis Development and Ethics in Research organised by NIA, Jaipur on 27-28 January 2016.	Took part as Participant.
6.	Dr. A Ramamurthy, Assistant Professor	National Seminar on Current Status of Medical Plants in Arid Zones and their Marketing Linkage, organized by Rajasthan State Medicinal Plants Board, Jaipur on 9-10 September 2015.	Took part as Participant.
7.	Dr. A Ramamurthy, Assistant Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Smasya Evam Samadhan organised by NIA at Jaipur on 19 March 2016.	Took part as Participant.
8.	Dr. A Ramamurthy, Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Took part as Chairperson of a Scientific Session.
9.	Dr. Sudipta Kumar Rath Assistant Professor	National Seminar on Current Status of Medical Plants in Arid Zones and their Marketing Linkage, organized by Rajasthan State Medicinal Plants Board, Jaipur on 9-10 September 2015.	Attended the Seminar as Co-Chairperson of a Scientific Session.
10.	Dr. Sudipta Kumar Rath Assistant Professor	National Conference on Herbal Medicine organized by Rajasthan University at Jaipur on 22-24 December 2015.	Took part as participant and present a paper titled Ayurveda and Western Medicine – Convergences and Divergences.

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11.	Dr. Sudipta Kumar Rath Assistant Professor	Workshop on Synopsis Development and Ethics in Research conducted by National Institute of Ayurveda, Jaipur on 27-28 January 2016.	Took part as Group Co-ordinator.
12.	Dr. Sudipta Kumar Rath Assistant Professor	"Workshop on Conservation and Promotion of Traditional Healers and Medicinal Plants used in Traditional Systems of Medicine" held at "Manikyalal Verma Tribal Research and Training Institute, Udaipur" on 9 February 2016.	Took part as Subject Expert.
13.	Dr. Sudipta Kumar Rath Assistant Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Smasya Evam Samadhan organised by NIA at Jaipur on 19 March 2016.	Took part as Participant.
14.	Dr. Sudipta Kumar Rath Assistant Professor	Inter College Seminar conducted by Guru Ravidas Ayurved University, Hoshiarpur, Punjab organized at Babe Ke Ayurvedic Medical College and Hospital, Daudhar, Moga, Punjab on 29-30 March 2016.	Took part as Participant and preented a paper titled Drug Research in Ayurveda.
15.	Dr Sumit Nathani Assistant Professor	One-day Workshop and Seminar on HPTLC at Ayushraj, Jaipur on date 28 May 2015.	Took part as Participant.
16.	Dr Sumit Nathani Assistant Professor	Three-day Workshop on Pharmacognosy (10-12 Sept. 2015) Belagavi, Karnataka	Took part as Participant.
17.	Dr Sumit Nathani Assistant Professor	Workshop on Synopsis Development and Ethics in Research organised by NIA, Jaipur on 27-28 January 2016.	Took part as Participant.
18.	Dr Sumit Nathani Assistant Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Smasya Evam Samadhan organised by NIA at Jaipur on 19 March 2016.	Took part as Participant.
19.	Dr. Mohan Lal Jaiswal Associate Professor	Ethical Committee M.S. Ayurveda Central Research Institute, Jaipur, to discuss the strategies,	Attended a meeting of the Institutional Ethical Committee as member held on date 01-01-16 to conduct study on "Tribal Health Care Research Project" covering the areas of Rajasthan and Gujarat states.

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

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar	Title of Guest Lecture Delivered
1.	Prof. Mita Kotecha Professor	National Seminar on Value Addition of Ayurvedic Herbal Resources through Good Agricultural and Field Collection Practices held by CCRAS at Gangtok from 20-21 <sup>st</sup> November, 2015.	Rasapanchak and its Role in Collection and Preservation of Raw Material.
2.	Prof. Mita Kotecha Professor	National Seminars on Herbal Medicine : Current Strategies and Future Prospects organized by Department of Zoology, Center for Advanced Studies, University of Rajasthan, Jaipur on 22-24 December, 2015.	Ayurvedic Herbs for Improving Quality of Life of Cancer Patients.
3.	Dr. Sudipta Kumar Rath	National Conference on Herbal Medicine organized by University of Rajasthan at	Ayurveda & Western Medicine – Convergences and



	Assistant Professor	Jaipur on 22-24 December 2015.	Divergences.
4.	Dr. Sudipta Kumar Rath Assistant Professor	A Program organised by Institute of Post-Graduate Training and Research in Ayurveda, Jamnagar on 4-2-2016.	Research Methodology on Fundamental Principles of Dravyaguna
5.	Dr. Sudipta Kumar Rath Assistant Professor	A Program organised by Institute of Post-Graduate Training and Research in Ayurveda, Jamnagar on 4-2-2016.	Ayurveda and Modern Medicine – Convergences and Divergences
6.	Dr. Sudipta Kumar Rath Assistant Professor	Induction Training Programme of AYUSH Medical Officers held at National Institute of Ayurveda, Jaipur on 6-2-2016.	Fresh Herbs and House Hold Remedies
7.	Dr. Sudipta Kumar Rath Assistant Professor	Induction Training Programme of AYUSH Medical Officers held at National Institute of Ayurveda, Jaipur on 9 February 2016.	Fresh Herbs and House Hold Remedies.
8.	Dr. Sudipta Kumar Rath Assistant Professor	Induction Training Programme of AYUSH Medical Officers held at National Institute of Ayurveda, Jaipur on 15 February 2016.	Fresh Herbs and Kitchen Herbs – Their Ayurvedic Uses.
9.	Dr. Sudipta Kumar Rath Assistant Professor	Inter College Seminar conducted by Guru Ravidas Ayurved University, Hoshiarpur, Punjab organized at Babe Ke Ayurvedic Medical College and Hospital, Daudhar, Moga, Punjab on 29–30 March 2016.	Drug Research in Ayurveda.
10.	Dr Sumit Nathani, Assistant Professor	National Conference on Herbal Medicine organized at Rajasthan University, Jaipur on 22-24 December 2015.	Nomenclature Based Identification of Ayurvedic Medicinal Plants.
11.	Dr Sumit Nathani, Assistant Professor	Kulish Smriti Van : Rajasthan AYUSH Doctors Training Program.	Medicinal Plant Identification.

**(D) Seminars/Workshop attended by P.G. Scholars:**

Sl.No.	Name of Scholar	Details of Workshop/Seminar	Paper Title Presented
1.	Dr. Anubha Choudhary Co-presenter and Guide - Dr. M. L. Jaiswal	National Seminar on Current Status of Medical Plants in Arid Zones and their Marketing Linkage, organized by Rajasthan State Medicinal Plants Board, Jaipur on 9-10 September 2015.	Medicinal Plants of Rajasthan.
2.	Dr. Sandeep Garud Co-presenter and Guide - Prof. Mita Kotecha	National Seminar on Current Status of Medical Plants in Arid Zones and their Marketing Linkage, organized by Rajasthan State Medicinal Plants Board, Jaipur on 9-10 September 2015.	Pollution Induced Toxic Substances such as Heavy Metals in Medicinal Plants.
3.	Dr. Santosh Pal Co-presenter and Guide - Dr. A R Murthy	National Seminar on Current Status of Medical Plants in Arid Zones and their Marketing Linkage, organized by Rajasthan State Medicinal Plants Board, Jaipur on 9-10 September 2015.	Cultivation and Processing of Aleovera.
4.	Dr. Sandeep Garud Co-presenter and Guide – Prof. Mita Kotecha	10-1-2016 Nashik	Role of Bhaishejya-koal in Management of Diseases of Mahasrotas.
5.	Dr. Anubha Choudhary Co-presenter and Guide – Dr. M. L. Jaiswal	" "	Role of Takra in Management of Disorders of Mahasrotas.



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6.	Dr. Santosh Pal Co-presenter and Guide – Dr. A R Murthy	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Role of Rasayana Rajuvenation Therapy in Ayurveda.
7.	Dr. Dipti Co-presenter and Guide – Dr. M. L. Jaiswal	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016.	Asthikshaya (Osteoporosis) in Women : An Ayurveda Approach.
8.	Dr. Umesh Kr.Mehta Co-presenter and Guide – Prof. Mita Kotecha	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016.	A Conceptual Study on Manas Vikar.
9.	Dr. Satyapal Sharma Co-presenter and Guide – Dr. Sudipta Kumar Rath	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Ayurvedic Management of Obesity.
10.	Dr. Malvika Co-presenter and Guide – Prof. Mita Kotecha	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Cure of Drug Toxicity through Ayurveda w.s.r to Peptic Ulcers.
11.	Dr. Anubha Choudhary Co-presenter and Guide – Dr. M. L. Jaiswal	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Gomutra-elixer of Life.
12.	Dr. Mukesh Kumar Bhamu Co-presenter and Guide – Dr. M. L. Jaiswal	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Evaluation of Rasayan Effect of Shilajatu.
13.	Dr. Parul Anand Co-presenter and Guide – Dr. A R Murthy	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Hypertension - A Extent Killer.
14.	Dr. Sandeep Garud Co-presenter and Guide – Prof. Mita Kotecha	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Adulteration - A Global Problem.
15.	Dr. Pankaj Kr. Sharma Co-presenter and Guide – Dr. M. L. Jaiswal	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	An Ayurvedic Approach to Management of Tension Header w.s.r. Vathic Shirohat.
16.	Dr Tarun Sharma	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya	Obsessive Disorder - An Ayurvedic Approach.

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		Government Ayurvedic College, Udaipur on 9-10 March 2016.	
17.	Dr. Dattatray Sarvade Co-presenter and Guide – Dr. M. L. Jaiswal	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Indian Spices for Cardiac Health.
18.	Dr. Arun Goyal Co-presenter and Guide – Prof. Mita Kotecha	International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 9-10 March 2016.	Entrepreneurship in Ayurveda.
19.	Dr. Sandeep Garud Co-presenter and Guide – Prof. Mita Kotecha	2-5 March 2016 Haridwar	Effect of Swedopag Mahakashay in Panchakarma in Purview of Dravyaguna.
20.	Dr. Umesh Kumar Mehta Co-presenter and Guide – Prof. Mita Kotecha	17-19 March 2016 Belgaum, Karnataka	A Workshop on Analytical and Experimental Techniques.
21.	Dr. Richa Khandelwal Co-presenter and Guide – Dr. Sumit Nathani	17-19 March 2016 Belgaum, Karnataka	A Workshop on Analytical and Experimental Techniques.
22.	Dr. Pratibha Co-presenter and Guide – Dr. Sudipta Rath.	17-19 March 2016 Belgaum, Karnataka	An Ayurvedic Approach in the Management of Hypertension.
23.	Dr. Rohit R Porwal Co-presenter and Guide – Prof. Mita Kotecha	17-19 March 2016	Pollution Induced Toxic Substances such as Heavy Metals in Medicinal Plants.

#### Departmental Seminars:

Departmental Seminars were conducted on various 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. During the period under report, following 71 Departmental Seminars organised by the Department:

Sl.No	Title	Date
1.	Evaluation of Antifungal Activity of Bakuchi and its Clinical Efficacy on Darunaka.	6-4-2015
2.	Evaluation of Effect of Pippali (Piper longum linn.) and Lauha Bhasma on Blood Haemoglobin Level.	7-4-2015
3.	Study of Different Types of Atmagupta Seeds w.s.r to its Vrishya Karma.	8-4-2015
4.	Evaluation of Vacha (Acorus calamus linn.) in the management of Yuva Pidika.	8-4-2015
5.	A Study of Analytical Aspect and Vyangahar Karma of Laksha obtained from different host Plants.	9-4-2015
6.	Comparative Pharmacognostical and Phytochemical Evaluation of Roots, whole Plant and Market Sample of Laghu Panchamool.	9-4-2015
7.	Pharmacognostical Study of Kigelia Africana Lam.(Benth.) Balam Khira and its Effect on Facial Blemishes.	15-4-2015
8.	Effect of Vastuka – Amalaki Mishran on Hb Level.	18-4-2015
9.	An Experimental Study to Evaluate the Antihypertensive Activity of Polyherbal Formulation as an Adjuvant with Modern Antihypertensive Drugs.	21-4-2015

10.	A Comparative Study of Madhuka ( <i>Glycerrhiza glabra</i> linn.) w.s.r to its Shonitha Sthapana Karma.	21-4-2015
11.	Drug Research – Ancient View.	22-4-2015
12.	Application of Ayurgenomics in Personalized Selection of Ayurvedic Medicinal Plants.	22-4-2015
13.	An Analytical Literary Study of Bhaishajya Kaal according to Brihatrayi and Laghutrayi w.s.r to Chikitsa Sthan of Charak Samhita.	28-4-2015
14.	An Analytical Study of Ayurved Mahodadhi (Sushen Nighantu) w.s.r to Use of Nagar ( <i>Zingiber officinale</i> Rose.) and Pippali ( <i>Piper longum</i> Linn.) in Dugdh Asatmyata.	28-4-2015
15.	Ethnomedicine Used by various Tribes in Western Ghat of India.	29-4-2015
16.	Vayahsthan (Healing Aging) – Role of Guduchi and Amalaki Ghan in Premature Aging due to Stress.	5-5-2015
17.	A Study of Vat twak Churna on Blood Coagulation Effect on Albino Rats.	5-5-2015
18.	Dalhan and his Contribution in Dravyaguna w.s.r to Fundamentals.	6-5-2015
19.	An Evaluation of Phytochemical and Anti-microbial Activity of Root and Fruit (Tender & Mature) of Kareer ( <i>Capparis deciduas</i> Edjew.).	12-5-2015
20.	Global Status of Ayurveda as a System of Medicine.	13-5-2015
21.	An Ayurvedic Medicinal Plant – Putranjivaka.	26-5-2015
22.	Applied Aspect of Katu Rasa.	27-5-2015
23.	An Extensive Assessment of Ethnomedicinal Plants of Tribal Areas of Udaipur District w.s.r to Jhadol Tehsils in Perspectives of Ayurveda.	2-6-2015
24.	Knowledge of Anukta Dravya (Extra Pharmacological drugs) with regards to Namrupa.	3-6-2015
25.	In Vitro Evaluation of Anti-microbial Effect of Herbal Formulation.	9-6-2015
26.	Neutraceuticals : Emerging Potential Related Ayurveda.	10-6-2015
27.	Development of an Antimicrobial Drug Delivery System.	16-6-2015
28.	Sandigdha Dravya Ka Vinischay.	17-6-2015
29.	Drug Review of Ela, Bhallataka and Arka.	23-6-2015
30.	Applied Aspects of Guruvadi Gunas.	24-6-2015
31.	Knowledge of Advances in Cultivation of Medicinal Plants.	1-7-2015
32.	Drug Review of Kpikacchu.	7-7-2015
33.	Drug Review of Nimb, Nirgundi and Apamarga.	14-7-2015
34.	Standardization of Herbal Drugs.	15-7-2015
35.	Drug Review of Shunti and Ardraka.	21-7-2015
36.	Factors Responsible for uses of Pratinidhi Dravyas in Ayurveda.	22-7-2015
37.	Inadvert adulteration of Ayurvedic Medical Plants.	29-7-2015
38.	Drug Review of Madhuka.	4-8-2015
39.	Review of Karma (Drug Action) according to Ayurveda & Modern Prospective.	5-8-2015
40.	Drug Review of Nagar and Pippali.	11-8-2015
41.	Folklore Uses of Medicinal Plants in Rajasthan	12-8-2015
42.	Drug Review of Arjun, Ashwagandha, Jatamansi, Shankhapushpi, Punarnava.	18-8-2015
43.	An Overview of TKDL and Scope for Further Advancement.	19-8-2015
44.	A Literary Compilation and Comparison of Bhaishajya Kaal as per Different Samhita.	25-8-2015
45.		26-8-2015
46.	Drug Review of Guduchi and Amalki.	1-9-2015
47.	An Ayurveda Approach to Fight against Toxicity of Chemo-radiotherapy in Cancer Patients.	2-9-2015
48.	Drug Review of Vata.	8-9-2015
49.	Drug Review of Kareer.	15-9-2015
50.	Yadavji Trikamji Ka Dravyaguna Me Yogdana.	16-9-2015
51.	Effect on Treatment due to Adulteration.	23-9-2015
52.	Entrepreneurial Scope in Dravyaguna.	30-9-2015
53.	Phytochemical Analysis of Black and white Seeds of Kaphikacchu.	6-10-2015
54.	Applied Aspects of Paradi Guna.	7-10-2015
55.	Dravya Avam Drug Ka Tulnatmak Vivechan.	14-10-2015
56.	Phytochemical Analysis of Different Types of Shunti.	20-10-2015
57.	Pharmacoepia w.s.r to A.P.I.	21-10-2015

58.	Review of Krimi (Micro-organisms).	27-10-2015
59.	Concept and Applied Aspect of Samanya and Vishesh.	28-10-2015
60.	Phytogonostical Analysis of Vidanga, Shigru and Ingudi.	8-12-2015
61.	A Brief Introduction on Ayurvedic System of Medicine and Some Current Challenges.	9-12-2015
62.	Pharmacognostical and Phytochemical Analysis of Ela, Bhallatak and Arkankura.	22-12-2015
63.	Vangiya Parampara Ke Vishishta Dravya Avam Unka Chikitsartha Prayog.	23-12-2015
64.	Pharmacognostical and Phytochemical Analysis of Nimba, Nirgundi and Apamarg.	29-2-2015
65.	Virya Ka Vivechan Ayurveda Avam Adhunik Matanusr.	30-12-2015
66.	Development of Herbal Garden.	6-1-2016
67.	Pharmacognostical Evaluation of Japa, Mahanimba and Vyaghra Eranda.	13-1-2016
68.	Concept of Nutritional Medicine in Ayurveda.	20-2-2016
69.	Some Important Herbaria of India w.s.r to Medicinal Plants.	27-1-2016
70.	Processing of Shunthi by Different Drying Procedures.	9-2-2016
71.	Prabhav Ke Saiddhantik Paksha Aur Vartaman Paripekshya Me Prasangikta.	10-2-2016

**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 300 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. Many distinguished guests visited the National Repository and Herbarium for Authentic Ayurvedic Crude Drugs. All of them appreciated the teaching, training and research activities conducted by the Department.

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

**HPLC Laboratory:** The Department has a HPLC instrument in which Drug samples of research scholars were investigated during this period and experiments are being carried out on a regular basis.

**Demo-Herbal Garden in the Campus:** A herbal garden is being maintained in the Campus to keep medicinal plants in pot under controlled climate. At present around 210 species and 345 plants are present for demonstration purpose within the campus. All the species and plants are equipped with nameplates.

**Old Herbal Garden in the Campus:** Various new species are planted in the garden raising the total number of species to 160 are present for demonstration purpose within the Campus. Installation of name plates of plants and repairing of footpath was carried out during the year.

**Miscellaneous Activities :**

- An Educational Tour of 65 Students of BAMS Course was taken to Himachal Pradesh and Punjab from 12 to 19 May 2015 for identification of medicinal plants. This tour was lead by Prof. Mita Kotecha and Dr. Sudipta Kumar Rath. The tour was beneficial as the students gained knowledge about use of different parts of the plants.
- 4 Educational Tours of PG Scholars was conducted and were taken to different place of Rajasthan.
- PG Scholars of the Department were taken to Kapoor Chand Kulish Smiriti Van (Bio-Diversity Forest) to enrich their knowledge of medicinal plants and herbs.
- An Educational Tour of PG Scholars was conducted and were taken to forest areas of Amer.

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## DEPARTMENT OF KAUMARA BHRITYA

### Introduction:

Bala Roga is one of the most important branches of Ayurveda. This Department is imparting teaching and training to Under Graduate, Post Graduate Teaching 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, 1 Professor, 1 Associate Professor, 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 Head of the Department of Kayachikitsa as additional charge.

### 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. Sumeet Goel	Dr Nisha Ojha Assistant Professor	Clinical Evalutaiton of An Ayurvedic Drug and Panchakarma Therapy for Efficacy on Improving Quality of Life in Children with Cerebral Palsy.
2.	Dr. Sumod Khedekar	Dr. Piyush S Mehta Professor Dr. Nisha Ojha Assistant Professor	Clinical Study to Evaluate the Efficacy of Mustadi Yog in the Management of Respiratory Allergic Disorders of Children.
3.	Dr. Nitin Sharma	Dr. Rakesh Kumar Nagar Assistant Professor	Clinical Evaluation of Efficacy of "Pipalyadi Yog" in the Management of Pandu Rog w.s.r to Iron Deficiency Anemia in Children.
4.	Dr. Neeraj Joshi	Dr. Piyush S Mehta Professor Dr. Rakesh Kumar Nagar Assistant Professor	Clinical Study on the Efficacy of "Shri Siddha Modak" in the Management of Balshosh w.s.r. to Protein Energy Malnutrition in Children.
5.	Dr. Kavita Rajpurohit	Dr. Shrinidhi K. Kumar Assistant Professor	Role of Ankoladi Tail in Childhood Seborrhic Dermatitis w.s.r. to Arunshika.
6.	Dr. Vijay Gajabhare	Dr. Piyush S Mehta Professor Dr. Shrinidhi K Kumar Assistant Professor	Role of an Indigenous Medhya Compound and Satwavajaya Chikitsa in the Management of Childhood Habit Disorders.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Deepak Kumar	Dr. Nisha Ojha Assistant Professor	Study of Morbidity Status in Children and the Effect of Guduchi Syrup as Immunomodulator for Lowering Down the Morbidity Rate.
2.	Dr. Krishna Dutta	Dr. Shrinidhi K Kumar Assistant Professor Dr. Alok Upadhyaya	Role of Sthiradi Yapan Basti and An Indigenous Compound in the Management of Minimal Change Nephrotic Syndrome w.s.r. to Aberrations of Ojus.
3.	Dr. Vishal Prajapati	Dr. Rakesh Nagar Assistant Professor	A Clinical Comparative Study to Evaluate the Efficacy of an Established Ayurvedic Marketed Product and Shirishadi Syrup in Respiratory Allergic Disorders in Children.
4.	Dr. Rashmi Pareek	Dr. Piyush S Mehta Professor Dr. Nisha Ojha Assistant Professor	Study of Prevalence of Iron Deficiency Anemia in Adolescent Girls and Efficacy of Vajra Vatak Mandoor in its Management.
5.	Dr. Lalit Rathore	Dr. Piyush S Mehta Professor Dr. Rakesh Kumar Nagar Assistant Professor	The Clinical Evaluation of Efficacy of Indukantam Ghritam in Bala Shosha w.s.r. to PEM.
6.	Dr. Surendra Sharma	Dr. Piyush S Mehta Professor Dr. Shrinidhi K Kumar Assistant Professor	Study on Efficacy of Virechana and Gajlinda Kshara and Mutra on Shwitra w.s.r. to Vitiligo (Leucoderma).
7.	Dr. Sirazul Islam	Dr. Piyush S Mehta Professor Dr. Rakesh Kumar Nagar Assistant Professor	Clinical Evaluation of Sunthyadi Yog in the Management of Grahani w.s.r. to IBS in Children.



8.	Dr. Devendra Kumar	Dr. Piyush S Mehta Professor Dr Nisha Ojha Assistant Professor	Clinical Study to Evaluate the Efficacy of Drakshadi Yog in the Management of Respiratory Allergic Disorder of Children.
9.	Dr. Trupti Motghare	Dr. Piyush S Mehta Professor Dr. Rakesh Kumar 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.
10.	Dr. Aniket Palande	Dr. Nisha Ojha Assistant Professor	Clinical Study on Shishu Kalyan Ghrut and Kala Basti in Management of Children with Cerebral Palsy.
11.	Dr. Kapil Patil	Dr. Rakesh Kumar Nagar Assistant Professor	Evaluation of Clinical Efficacy of Shunthyadi Yoga in Chronic Recurrent Childhood Diarrhea.
12.	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.
13.	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 Program.

#### **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 10,208 out of which 4,741 were newly registered and at IPD level was 4,410 out of which 443 were newly registered.

**Child Mental Health Unit:** Special treatment facilities are available for various mental 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. 452 patients were offered special care.

**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 5798 therapies were offered.

**Vaccination Unit:** Facilities for Vaccination to 1125 Children were made available under National Immunization Programme.

**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 12 Journal Club Meetings were organized and 126 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 Dr. Sumeet Goel Scholar	Ashtang Ghrita: A Noble Ayurveda Drug For Central Nervous System.	Journal of Ayurveda and Holistic Medicine (JAHM) 2015; 3(2) ISSN : 2321-1563
2.	Dr. Nisha Kumari Ojha Assistant Professor Dr. Sumeet Goel Scholar	Trends of Cerebral Palsy in Rajasthan, India.	International Journal of AAYUSH 2015 Volume 4, Issue 1 ISSN : 2321-1563
3.	Dr. Nisha Kumari Ojha Assistant Professor Dr. Sumeet Goel Scholar	Management of Spastic Diplegic Cerebral Palsy due to Periventricular Leukomalacia through Ayurveda : A Case Study.	International Journal of Research in Ayurvedic Sciences (Accepted) ISSN : 2394-1812
4.	Dr. Nisha Kumari Ojha Assistant Professor Dr. Sumeet Goel Scholar	Understanding and Application of Childhood Samskara for Assessing Growth and Development of a Child.	Journal of Ayurveda Research (Accepted) ISSN : 2320-8554
5.	Dr. Nisha Kumari Ojha Assistant Professor Dr. Sumod S. Khedekar Scholar	Clinical Evaluation of the Efficacy of Mustadi Yog in the Management of Respiratory Allergic Disorders (RADs) of Children.	International Journal of Research in Ayurveda & Pharmacy Volume 6(6) November-December 2015 ISSN : 2229-3566
6.	Dr. Nisha Kumari Ojha Assistant Professor Dr. Sumeet Goel Scholar	A Review Study on Utility of Ayurvedic Drugs in UTI Among Children.	Journal of Biological and Scientific Opinion Volume 3(5), 2015 ISSN : 2321-6328
7.	Dr. Nisha Kumari Ojha Assistant Professor Dr. Sumeet Goel Scholar	Ayurveda as an Adjuvant Medication for Combating Cancer.	Journal of Homoeopathy and Ayurvedic Medicine 2015, 4:2 ISSN : 2167-1206

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

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Nisha Ojha Assistant Professor	Symposium on Maternal and Child Nutrition held on 4 September 2015 by the Department of Home Science University of Rajasthan.
2.	Dr. Nisha Ojha Assistant Professor	7th Ped Gastro Update held on 19 July 2015 by Fortis Escorts Hospital, Jaipur.
3.	Dr. Nisha Ojha Assistant Professor	National Symposium on Integration of Indian Medicinal System into Modern Medicine held at PGHTNCON-2016 International Conference on Pediatric Gastroenterology, Hepatobiliary, Transplant and Nutrition : Controversies and Consensus - New Dimensions to Explore on 11-14 February 2016 at NIMS University, Jaipur.
4.	Dr. Nisha Ojha Assistant Professor	Workshop on Synopsis Development and Ethics in Research conducted by National Institute of Ayurveda on 27-28 January 2016 at Jaipur.
5.	Dr. Rakesh Kumar Nagar	National Symposium on Integration of Indian Medicinal System into Modern Medicine held at PGHTNCON-2016 International Conference

	Assistant Professor	on Pediatric Gastroenterology, Hepatobiliary, Transplant and Nutrition : Controversies and Consensus - New Dimensions to Explore on 11-14 February 2016 at NIMS University, Jaipur.
6.	Dr. Rakesh Kumar Nagar Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016 and a Paper on 'Managing Life Style Problems in Our Little Wonders' presented.
7.	Dr. Srinidhi Kumar K. Assistant Professor	Symposium on Maternal and Child Nutrition held on 4 September 2015 by the Department of Home Science University of Rajasthan.
8.	Dr. Srinidhi Kumar K. Assistant Professor	Workshop on Synopsis Development and Ethics in Research conducted by National Institute of Ayurveda on 27-28 January 2016 at Jaipur.

**(D) Participation in Workshops/Seminars by PG Scholars of the Department:**

Sl.No.	Name of Scholar	Details of Workshop/Seminar	Title of Research Paper Presented
1.	Dr. Deepak Kumar	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Clinical Study on the Efficacy of Ayurvedic Compound and Panchakarma Procedure in the Management of Spasticity Among Children Suffering from Spastic Cerebral Palsy.
2.	Dr. Deepak Kumar	3rd Global Ayurveda Festival Kerala held at Kozhikode on 31 January to 4 February 2016.	Dhoopan Chikitsa (Fumigation) in Present Scenario.
3.	Dr. Deepak Kumar	A Program organised at Rashtriya Ayurveda Vidyapeeth, New Delhi on 14-15 March, 2016.	Management of Spastic Diplegic Cerebral Palsy due to Periventricular Leukomalacia with Devdarubaladi Taila Matrabasti and Other Panchakarma Procedures : A Case Study.
4.	Dr. Deepak Kumar	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Ayurveda Drugs in Lowering Down the Morbidity and Mortality in Children.
5.	Dr. Rashmi Pareek	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Prakriti Based Learning and Education Pattern with special reference to Evaluate Mental Concentration Enhancing Effect of Kalyana Leha in Children.
6.	Dr. Rashmi Pareek	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Role of Lehana as Immunomodulator in Ayurveda.
7.	Dr. Vishal Prajapati	3rd Global Ayurveda Festival Kerala held at Kozhikode on 31 January to 4 February 2016.	A Clinical Comparative Study to Evaluate the Efficacy of Shirishadi Syrup with an Established Ayurveda Marketed Preparation.
8.	Dr. Vishal Prajapati	International Seminar on Globalized Ayurveda :	An Ayurveda Management in Stholya w.s.r. Childhood Obesity.

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		Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	
9.	Dr. Vishal Prajapati	National Conference on Kaumar Bhryta held on 13 December 2015 at Rotary Bhavan, Bareilly.	Infectious Disease Prevention in Childhood Through Ayurvedic Approach.
10.	Dr. Trupti Motghare	National Conference on Kaumar Bhryta held on 13 December 2015 at Rotary Bhavan, Bareilly.	An Ayurveda Management for Dentition Related Problem in Infant.
11.	Dr. Trupti Motghare	National Seminar on Resent Advances in panchkarma" held at Rishikul Govt. Ayurveda College, Haridwar on 5-6 March 2016.	Supportive Ayurveda Management in Cerebral Palsy Children with Shasthik Shali Pinda Sweda and Mustadi Raj Yapan Basti.
12.	Dr. Kapil Patil	National Seminar on Resent Advances in panchkarma" held at Rishikul Govt. Ayurveda College, Haridwar on 5-6 March 2016.	Ayurvedic Management of Chronic Constipation with Anuvasan Basti and Virechan Karma.
13.	Dr. Kapil Patil	National Conference on Kaumar Bhryta held on 13 December 2015 at Rotary Bhavan, Bareilly.	An Ayurveda Approach to Recurrent Diarrhea in Pediatric Age Group.
14.	Dr. Lalit Kumar Rathore	3rd Globle Ayurveda Festival Kerala held at Kozhikode on 31 January to 4 February 2016.	Clinical Study to Evaluate the Efficacy of Indukantam Ghritam in the Management of Balshosha w.s.r to P.E.M. in Children.
15.	Dr. Lalit Kumar Rathore	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	An Ayurvedic Approach to Life Style Disorder w.s.r. to Childhood Hypothyroidism in Children.

**(C) Guest/Extension Lecture:** The faculty members were delivered the following guest lectures/extension for the benefit of students and scholars during the last academic year:

Sl.No.	Name of Faculty	Title of the Guest Lecture/Program	Place
1.	Dr. Nisha Ojha Assistant Professor	Ayurveda Vidyarthi Vyaktitva Vikas Evam Bhavishya Nirmana Shivir, 2015	September, 2015 Vishva Ayurveda Parishad Jaipur.
2.	Dr. Nisha Ojha Assistant Professor	Vaishvik Paridrishya Me Ayurveda Ke Samrakhshan, Samvardhan Evam Vikas Ki Samkalpana.	VAP CON-2015 14-15 November, 2015 National Institute of Ayurveda Jaipur.
3.	Dr. Nisha Ojha Assistant Professor	Denying Janmaghutti - Are We Doing Good or Bad.	International Conference on Pediatric Gastroenterology, Hepatobiliary Transplant and Nutrition, in National Symposium on Integration of Indian Medicinal System into Modern Medicine on 11 February, 2016 at NIMS, Jaipur.
4.	Dr. Rakesh Kumar Nagar Assistant Professor	Ayurveda and Daily Health.	Jan Suchana Abhiyana organized by Press Information Bureau on 11.12.2015 at the Ummedpur Village in Jalore.

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5.	Dr. Rakesh Kumar Nagar Assistant Professor	Neonatal Complaints and Management.	Get-Together Programme of Vishva Ayurved Parishad on 19-2-2016.
6.	Dr. Rakesh Kumar Nagar Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Life Style Related Problems in Children.

### Health Camps:

#### (A) Child Community Health Program:

- 2 Free health check-up camps were conducted by the Department in 2 Schools situated in Jaipur in which 470 school children were evaluated.
- 2 Free health check-up camps were conducted by the Departments in 2 Villages namely Saipura and Jamuwa Ramgarh in which 675 children were evaluated.

#### (B) General Health Camps:

- 5-Day Medical Camps in Villages of Ghatol Tehsil in Banswara District from 21-5-2015 to 26-5-2015.
- 3-Day Medical Camp in Ummedpur Village in Jalore District from 2-9-2015 to 4-9-2015.
- 3-Day Medical Camp in Swaroop Ganj Village in Sirohi District from 9-12-2015 to 11-12-2015.
- 6-Day Medical Camp in Villages of Shirohi District from 14-12-2015 to 19-12-2015.

### Specialized Training:

Teachers and Scholars of the Department organised and participated following Programs:

- IAP-LDSC Breast Feeding Awareness Program organized by Indian Academic Of Pediatrics at National Institute of Ayurveda, Jaipur on 6-8-2015.
- IAP-LDSC Breast Neonatal Resuscitation Program organized by Indian Academic Of Pediatrics at National Institute of Ayurveda, Jaipur on 12-8-2015.
- IAP-LDSC Dengue Awareness Program organized by Indian Academic Of Pediatrics at National Institute of Ayurveda, Jaipur on 20-9-2015.
- Workshop on Synopsis Development and Ethics in Research conducted at National Institute of Ayurveda, Jaipur on 27-28 January 2016.

### Miscellaneous Activities:

Dr. Nisha Ojha, Assistant Professor participated and represented the Institute in Arogya Mela held at Banaras Hindu University, Varanasi on 11-16 December 2015.

Dr. Srinidhi Kumar K., Lecturer appointed as Member of Inspection Committee of Guru Ravidas University, Hoshiarpur on 1-3 April 2016.

## 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, 1 Professor, 1 Associate Professor, 2 Assistant Professors, 1 Lecturers 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 Methods 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.

#### 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. Anupama	Prof. R.K. Joshi Professor Dr. A.K. Sahu Assistant Professor	Clinical Study On the Effect of Bhrigraj Punarnava ghan vati on Uchcharaktachapa with special regference to Essential Hypertension.
2.	Dr. Mandeep Kaur	Prof. R.K. Joshi Professor Dr. U.R.Saroj Assistant Professor	A Comparative Study of Efficacy & Safety of Puskarmooladi Yoga and Bharangi Nagara Kwatha in Management of Tamaka Shwasa w.s.r. to Chronic Obstructive Pulmonary Disease (COPD).

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3.	Dr. Narwade Hemant Sheshrav	Prof. R.K. Joshi Professor Dr. J.P. Singh Assistant Professor	Clinical Study to Evaluate the Role of Shodhana (Vamana, Virechana) & Shamana (Shashanklekhadi Ghana Vati) in the Management of Mandal Kustha with Special Reference to Psoriasis.
4.	Dr. Pankaj Kumar	Dr. A.K. Sahu Assistant Professor Dr. J.P. Singh Assistant Professor	A Comparative Study on Efficacy of Gomutra Haritiki and Vrikshamla (Extract) in Management of Sthaulya (Obesity) w.s.r. to Overweight.
5.	Dr. Saroj Kumari	Dr. J.P. Singh Assistant Professor Dr. Harish Bhakuni Lecturer	A Clinical Evaluation of "Swayambhuva Guggulu" and "Argvadhadi Lepa" in the Management of Vicharchika (Eczema).
6.	Dr. Shashi Choudhari	Dr. U.R. Saroj Assistant Professor Dr. Harish Bhakuni Lecturer	Clinical Study on the Effect of an Ayurvedic Formulation in the Management of Medodushti With Special Reference to Dyslipidaemia.
7.	Dr. Shilpi Kansal	Dr. C.B. Sharma Associate Professor Dr. U.R. Saroj Assistant Professor	Clinical Evaluation of Efficacy of Rasnaguggulu, Rasna Saptak Kwath and Abhyanga-Swedana in the Management of Gridhrasi Roga (Sciatica).
8.	Dr. Pradeep Kumar Meena	Prof. R.K. Joshi Professor Dr. U.R. Saroj Assistant Professor	Clinical Evaluation of an Indigenous Formulation in Hyperlipidemic Patients of Diabetes Mellitus Type II.
9.	Dr. Vikas Nariyal	Dr. C.B. Sharma Associate Professor Dr. A.K. Sahu Assistant Professor	"A Clinical Efficacy of Harishankar Ras and Khadir-Kramuk Kwath in Madhumeha With Special Reference to Diabetes Mellitus Type II".

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. Anchal Bilyan	Dr. U.R. Saroj Assistant Professor Dr. A.K. Sahu Assistant Professor	Clinical Study on the Efficacy and Safety of Tryushnadi Guggulu in Medoroga with Special Reference to Dyslipidaemia.
2.	Dr. Rashmi C. Kanskar	Prof. R.K. Joshi Professor Dr. J.P. Singh Assistant Professor	Clinical and Experimental Study of Phalatrikadi Ghana Vati in the Management of Hepatocellular Jaundice (Kamala).
3.	Dr. Usha Jangir	Dr. C.B. Sharma Associate Professor Dr. Harish Bhakuni Lecturer	Clinical Evaluation of Efficacy of Trayodashang Guggulu Rasnadi Kwath and Nirgundipatra-Pindaseweda in the Management of Katigatavata Roga (Lumber Spondylosis).
4.	Dr. Kantilal Mali	Prof. R.K. Joshi Professor Dr. U.R. Saroj Assistant Professor	Clinical evaluation of efficacy of ajamodadi vataka and "erandadi kwatha in the management of amavata with special reference to rheumatoid arththritis"
5.	Dr. Dayananda S. Joshi	Dr. A.K. Sahu Assistant Professor Dr. Harish Bhakuni Lecturer	"Clinical evaluation of efficacy of "adityapak guggulu" and "griva basti" in the management of "griva-sandhigatvata" (cervical spondylosis)."
6.	Dr. Deepak Kumar	Dr. C.B. Sharma Associate Professor Dr. U.R. Saroj Assistant Professor	A Comparative Study of Efficacy of Darvyadi Kwatha and Madhumehari Churna in the Management of Madhumeha w.s.r. to Diabetes Mellitus Type-2 (NIDDM)

7.	Dr. Reetu Yadav	Dr. J.P. Singh Assistant Professor Dr. A.K. Sahu Assistant Professor	"Experimental and clinical study of Aqueous extract of Eclipta alba in the management of Essential Hypertension"
8.	Dr. Monu Gupta	Dr. Harish Bhakuni Lecturer Dr. J.P. Singh Assistant Professor	"A Clinical evaluation of safety and Efficacy of 'Triphaladi Kwatha and 'Karanjadi lepa' In the Management of Vicharchika [Neuro Dermatitis]' A Randomized controlled Trial.
9.	Dr. Dinesh K. Bairwa	Prof. R.K. Joshi Professor Dr. U.R.Saroj Assistant Professor	Comparative Study of efficacy and Safety of Krishnadi Churna and Vasadi Kwatha in Tamaka Shwasa w.s.r. to Bronchial Asthma.
10.	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.
11.	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.
12.	Dr. Divya Verma	Dr. C.B. Sharma Assoc. Professor Dr. Harish Bhakuni Lecturer	"Clinical Evaluation of Efficacy of 'Pathyadi Guggulu', 'Erاندadi Kwath' and 'Kati Basti' in the Management of Gridhrasi Roga (Sciatica)"
13.	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)."
14.	Dr. Devesh Jaiman	Dr. Harish Bhakuni Lecturer 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
15.	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"
16.	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."
17.	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"
18.	Dr. Chandra Prakash	Dr. U.R.Saroj Assistant Professor Dr. Harish Bhakuni Lecturer	"A Clinical Evaluation of Gomutra Ghanavati in Medoroga w.s.r. to Dyslipidaemia-A Randomized Controlled Trial."
19.	Dr. Shalini	Dr. J.P. Singh Assistant Professor Dr. Harish Bhakuni Lecturer	"Clinical efficacy of aqueous extract of Shalaparni (Desmodium gangeticum) and Bhringaraja (Eclipta alba) in the Management of Essential Hypertension (Vyanabala Vaishmya)."
20.	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)."
21.	Dr. Hemlata Soni	Dr. U. R. Saroj Assistant Professor Dr. A.K. Sahu	"Clinical Study On The Efficacy Of <i>Phalatrikadi Ghanavati</i> in the Management Of <i>Madhumehajanya Medoroga</i> With Special



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		Assistant Professor	Reference To Diabetic Dyslipidemia"
22.	Dr. Vivek Kumar Diwedi	Prof. R. K. Joshi Professor Dr. A.K. Sahu Assistant Professor	"Clinical Evaluation Of Efficacy Of 'Vrikshamla' And 'Lekhna Basti' In The Management Of Sthaulya With Special Reference To Obesity."
23.	Dr. Amit Joshi	Dr. J.P. Singh Assistant Professor Dr. Harish Bhakuni Lecturer	"Clinical study to evaluate the efficacy of 'Dhanyadi Yoga' and 'Jatamansi Arka' in the management of <i>Vatika Grahani</i> with special reference to Irritable Bowel Syndrome"
24.	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 REFERANCE TO BRONCHIAL ASTHMA."
25.	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 <i>Tamaka Shwasa w.s.r. to Bronchial Asthma.</i> "
26.	Dr. Omprakash	Dr. C.B. Sharma Assistant Professor Dr. Harish Bhakuni Lectuer	"Clinical Evaluation Of Efficacy Of 'Navakaguggulu', 'Panchamooli Kwatha' and 'Kati Vasti' in the Management Of 'Gridhrasi Roga' (Sciatica)."
27.	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 Choorana' In The Management Of <i>Madhumeha</i> With Special Reference To Type II Diabetes Mellitus."

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Prashant Uttam Sasane	Prof. Ramkishor Joshi Professor	Role of Vamanottar Shamana Therapy with Manjisthamadhya Kwatha and Kusthaghna Mahakashaya in the Management of Ekkustha w.s.r. to Psoriasis - A Randomized Controlled Clinical Trial.
2.	Dr. Shalini	Prof. Ramkishor Joshi Professor	A Comparative Clinical Study of Lekhaniya Ghan Vati and Gomutra Ghan Vati in Medoroga with special reference to Dyslipidemia.
3.	Dr. Noor Mohammad Iqbal Chaudhary	Prof. Ramkishor Joshi Professor	Pre Clinical and Clinical Evaluation of Mustadi Ghan Vati and Chir Vilva ( <i>Holoptelea interifolia</i> ) Decoction in the Management of Medo Roga wsr Dyslipidemia.
4.	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.
5.	Dr. Rashmi Mutha	Dr. Ajay Kuamr Sahu Assistant Professor	Synopsis on Progress.
6.	Dr. Vikas Nariyal	Dr. Udai Raj Saroj Assistant Professor	Synopsis on Progress.

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

<b>Sl.No.</b>	<b>Author's/Co-author Name</b>	<b>Title</b>	<b>Publication Details</b>
1.	Prof. R.K. Joshi Professor Dr. Udai Raj Saroj Assistant Professor Purnima Rao Scholar	Clinical Evaluation of the Efficacy of Shankhpushpi panak and Shirodhara with Manshyadi Kwath in the Management of Chittodvega w.s.r. to Generalized Anxiety Disorder.	International Ayurvedic Medical Journal - IAMJ March 2015
2.	Prof. R.K. Joshi Professor Dr. J.P. Singh Assistant Professor Dr. Narware Hemantha Scholar	Clinical Study to Evaluate Role of Vaman Karma and Shashilekhadi Ghan Vati in the Management of Mandal Kushtha w.s.r. to Psoriasis.	World Journal of Pharmaceuticals Research Volume 4, August 2015 2671-2685
3.	Prof. R.K. Joshi Professor Dr. Shalini Maurya Scholar	Preventive and Palliative Measures in Hridrog- A critical Review – International Conference on Disorders of Trimarma.	Maha Gujarat Medical Society J.S Ayurveda Mahavidyala and P.D. Patel Ayurveda Hospital College Road, Nadiad Gujarat
4.	Prof. R.K. Joshi Professor Dr P.U. Sasane Dr. H.S. Narwade Scholars	Ayurvedic Management of Scleroderma (Uttan VatRakta )- A Case Study.	International Ayurvedic Medical Journal - IAMJ Volume 3, Issue 9 September, 2015 ISSN:2320 5091
5.	Prof. R.K. Joshi Professor Dr.Sassane Dr. Prasanth	A Clinical Study of Alamushadi Ghan Vati and Vaitaran Basti in the Management of Amavat(RH).	World Journal of Pharmaceutical Resaerch Volume - 4, Issue 10 September 2015
6.	Prof. R.K. Joshi Professor	Clinical Case History.	NIA Newsletter September-October 2014 Published in 2016
7.	Prof. R.K. Joshi Professor	Ayurvedic Treatment in Cancer Roga.	Rogi Anubhav Pustika Fourth Edition Rajasthan Gau Seva Sangh, Jaipur.
8.	Dr. Udai Raj Saroj 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 (Submitted for Publication)
9.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	Complementary and Alternative Approach to Treat Medodhatudushti in Prameha (Diabetic Dyslipidemia).	World Journal of Pharmaceutical Research
10.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	Clinical Study on the Effect of an Ayurvedic Formulation in the Management of Medodushti with special reference to Dyslipidaemia.	Journal of Ayurveda NIA, Jaipur
11.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	Clinical Evaluation of An Indigenous Formulation in Hyperlipidemic Patients Of Diabetes Mellitus Type II.	Journal of Ayurveda NIA, Jaipur
12.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	A Comparative Study of Efficacy and Safety of Puskarmooladi Yoga and Bharangi Nagara Kwatha in Management of Tamaka Shwasa w.s.r. to Chronic Obstructive Pulmonary Disease (COPD).	Journal of Ayurveda NIA, Jaipur

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13.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	Clinical Evaluation of Efficacy of Rasnaguggulu Rasna Saptak Kwatha and Abhyanga-Swedana in the Management of Gridhrasi Roga (Sciatica).	Journal of Ayurveda NIA, Jaipur
14.	Dr. Ajay Kumar Sahu Assistant Professor	Attributes of Different Water - A New Perspective.	Journal of Ayurveda Vol. VIII-1
15.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	Hyperandrogenism in Female - Critical View.	IAMJ Volume 3, Issue 5 May 2015
16.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	A Coparative Study on Efficacy of Gomutra Haritaki and Vrikshamla (Extract) in the management of Sthoulya w.s.r. to Overweight.	IAMJ Volume IV, Issue 4 March 2016
17.	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. (Submitted for Publication)
18.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	Clinical Evaluation of Efficacy of 'Adityapaka Guggulu' and 'Griva Basti' in the Management of Griva-Sandhigatavata(Cervical Spondylosis).	Journal of Ayurveda (Accepted for Publication)
19.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	Clinical Study to Show the Effect of Aqous Extract of Eclipta alba in Management of Essential Hypertension.	Journal of Ayurveda (Accepted for Publication)
20.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	Hypothyroidism – An Ayurvedic Approach.	International Ayurveda Medical Journal (Accepted for Publication)
21.	Dr. Jai Prakash Singh Assistant Professor	Traditional Medicinal Herbs for Asthma : A Critical Review.	International Journal of Pharmacy Review and Research Volume 4 , Issue 4
22.	Dr. Jai Prakash Singh Assistant Professor	Clinical Efficacy of Haridradi Awaleha in the Management of Bronchial Asthma : A Pilot Study.	International Journal of Biopharmaceutics Volume - 6, No. 1 2015
23.	Dr. Jai Prakash Singh Assistant Professor	A Conceptual Study of Endocrinological Aspect of Kshinshukra (Oligozoospermia) and its Probable Treatment.	International Ayurvedic Medical Journal (Peer Review) Volume 3, Issue 8, 2015
24.	Dr. Jai Prakash Singh Assistant Professor	Clinical Study to Evaluate Role of Vamana Karma and Shashanklekhadi Ghana Vati in the Management of Mandal Kushtha w.s.r. to Psoriasis.	World Journal of Pharmaceutical Research Volume 4, Issue 8, 2015
25.	Dr. Jai Prakash Singh Assistant Professor	Efficacy and Safety of a Herbal Preparation in the Management of Major Depressive Disorder.	International Journal of Pharmacy Practice and Drug Research Volume - 5(1), 2015
26.	Dr. Jai Prakash Singh Assistant Professor	Geriatric Care : Insight of Rasayan Chikitsa.	Ayurved Prakash Quarterly Journal of Department of Ayurved Government of Rajasthan Issue -3, 2015
27.	Dr. Jai Prakash Singh Assistant Professor	A Critical Review on Polycystic Ovarian Syndrome in Ayurveda.	International Ayurvedic Medical Journal (Peer Review) Volume 3, Issue 7 July -2015

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28.	Dr. Jai Prakash Singh Assistant Professor	Clinical Evaluation of Diabecare Yoga (Kalpita Yoga) in the Management of Ahitaaharaja Apathya Nimittaja Prameha W.S.R. to Type-2 Diabetes Mellitus as A Naimittika Rasayan.	International Ayurvedic Medical Journal (Peer Review) Volume 2, Issue 3
29.	Dr. Jai Prakash Singh Assistant Professor	Concept of Andropause and its Ayurvedic Management.	Ayurved Prakash Quarterly Journal of Department of Ayurved Government of Rajasthan, Issue -3, 2015
30.	Dr. Jai Prakash Singh Assistant Professor	A Clinical Evaluation of Lekhaniya Ghanvati in the Management of Sthaulya (Obesity).	International Ayurvedic Medical Journal (Peer Review) Volume 2, Issue 4
31.	Dr. Jai Prakash Singh Assistant Professor	Clinical Evaluation of Agnikarma in Management of Gridhrasi.	American Journal of Pharmatech Research (AJPTR) Volume 3, Issue 4.
32.	Dr. Harish Bhakuni Lecturer (Co-authored)	Clinical Evaluation of Efficacy of Adityapaka Guggulu and Griva Basti in the Management of Griva-sandhigata Vata (Cervical Spondylosis).	Journal of Ayurveda (Accepted for Publication)
33.	Dr. Harish Bhakuni Lecturer (Co-authored)	Clinical Evaluation of Safety and Efficacy of Tripahaladi Kwatha and Karanjadi Lepa in the Management of Vicharchika (Neurodermatitis).	Journal of Ayurveda (Accepted for Publication)
34.	Dr. Harish Bhakuni Lecturer (Co-authored)	Clinical Evaluation of Efficacy of Trayodashanga Guggulu, Rasnadi Kwatha and Nirgundi Patra Pinda Sweda in the Management of Katigataavata (Lumber Spondylosis).	Journal of Ayurveda (Accepted for Publication)
35.	Dr. Harish Bhakuni Lecturer (Co-authored)	Hypothyroidism – An Ayurvedic Approach.	International Ayurveda Medical Journal (Accepted for Publication)

**(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	Hindi Karyashala : Rajbhasha Hindi Ke Prasar Me Vyavharika Difficulties and Solutions organised by Maharav Shekhaji Ayurved Central Research Institute at Jaipur on 19-3-2016.	--
2.	Dr. Udai Raj Saroj Assistant Professor	Recent Innovations in Ayurvedic Sciences and Technology held on 24-25 October, 2015 by Dept. of Kayachikitsa, Faculty of Ayurveda, I.M.S., B.H.U., Varanasi.	A Comparative Study on the Effect of an Ayurvedic Formulation and Shuddha Guggulu in the Management of Medodushti w.s.r. to Dyslipidaemia.
3.	Dr. Udai Raj Saroj Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Clinical Study on the Efficacy of An Ayurvedic Formulation in the Management of Ischemic Heart Disease (Vatika Hridroga).
4.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	International Seminar on All Indian Anesthetist of Indian Medicine Conference held on 10- 11 April, 2015 at Paprola, Himanchal Pradesh.	Clinical Evaluation of Efficacy of Alambushadi Ghana Vati and Vaitarana Basti in the Management of Amvata with

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			special reference to Rheumatoid Arthritis.
5.	Dr. Udai Raj Saroj Assistant Professor Dr. Harish Bhakuni Lecturer	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	The Holistic Management of Skin Disorders.
6.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	3 <sup>rd</sup> Globle Ayurveda Festival Kerala held at Kozhikode on 31 January to 4 February 2016.	Clinical Evaluation of Efficacy of Ajmodadi Vataka And Erandadi Kwatha in The Management of Amvata With Special Reference to Rheumatoid Arthritis.
7.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	International Conference on Recent Advancement in Panchkarma – 2016 on 5–6 March, 2016 held at Uttarakhand Ayurved University, Rishikul Campus, Haridwar.	Clinical Evaluation of efficacy of Katibasti with Laghu Vishagarbha Taila.
8.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Ayurvedic Approach to Prevention and Management of Life Style Disorders w.s.r. to Madhumeha.
9.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Clinical Evaluation of Shallaki Niryas (Boswellia Serrata) in Management of Cervical Spondylosis.
10.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Comparative Study on The Effect of Vidangadya Churna and Lekhan Basti in Medodushti with special reference to Dyslipidaemia.
11.	Dr. Udai Raj Saroj Assistant Professor (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	A Comparative Study of Efficacy and Safety of Puskarmooladi Yoga And Bharangi Nagara Kwatha In Management of Tamaka Shwasa w.s.r. to Chronic Obstructive Pulmonary Disease (COPD).
12.	Dr. Udai Raj Saroj Assistant Professor Dr. Harish Bhakuni Lecturer	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	A Clinical Study of Triphaladi Ganavati on Dyslipidemia.
13.	Dr. Ajay Kumar Sahu Assistant Professor	Training Workshop on Synopsis Development and Ethics in Research organized by National Institute of Ayurveda on 27-28 January 2016.	--
14.	Dr. Ajay Kumar Sahu Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Effect of Gomutra Haritaki and Vrikshamla in Management of Sthoulya w.s.r. to Obesity.
15.	Dr. Ajay Kumar Sahu Assistant Professor Dr. Harish Bhakuni Lecturer	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	A Comparative Study of Evaluation of Efficacy of Ayurvedic Management (Chitrakadi Churna and Kshar Basti) in Series of Patients of Amavata w.s.r. to Rhematoid

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			Arthritis.
16.	Dr. Ajay Kumar Sahu Assistant Professor Dr. Harish Bhakuni Lecturer	International Conference on Recent Advancement in Panchakarma held on 5-6 March 2016 at Rishikul State P.G. Ayurvedic College, Haridwar.	Clinical Evaluation of Efficacy of Vachadi Compound (Kalpita Yoga) and Shirodhara with Kshira (Milk) in the Management of Raktagatavata (Hypertension).
17.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Hypothyroidism – An Ayurvedic Approach.
18.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Clinical Study on the Effect of Pushkarmooladi Yoga and Bharangi Nagar Kwath on Tamak Shwasaa w.s.r. to Chronic Obstructive Pulmonary Disease (COPD).
19.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	International Conference on Recent Advancement in Panchakarma held on 5-6 March 2016 at Rishikul State P.G. Ayurvedic College, Haridwar.	Role of Shodhan Karma in Mandal Kushthaa (Psoriasis) Case Study.
20.	Dr. Ajay Kumar Sahu Assistant Professor (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Clinical Study on Effect of Bhringraj Punarnava Ghana Vati and Erand Bhrishta Haritaki on Uchcharaktachap (Essential Hypertension).
21.	Dr. Jai Prakash Singh Assistant Professor	CME for medical officers organized By Department of Ayurved, Government of Rajasthan.	Spermetogenesis and its Disorder Management Ayurvedic Drugs.
22.	Dr. Jai Prakash Singh Assistant Professor	A Program organised by Jovial Foundation Universal Trust, Braeilly (U.P.).	Role of Nasya in the Management of Migraine (Shirashoola).
23.	Dr. Jai Prakash Singh Assistant Professor	A Program organised by Jovial Foundation Universal Trust, Braeilly (U.P.).	Clinical Efficacy of Virachan Karma in the Management of Psoriasis (Mandal Kustha).
24.	Dr. Jai Prakash Singh Assistant Professor	A Program organized by Mahima Research Foundation and Social Welfare and Department of Kayachikitsa, Faculty of Ayurveda, IMS, BHU, Varanasi.	Ayurvedic Approach to Manage Chronic Renal Failure in Recent Innovation in Ayurvedic Science and Technology.
25.	Dr. Jai Prakash Singh Assistant Professor	VAPCON-2015 organized by Vishwa Ayurved Parishad.	Reform of Ayurvedic Education in Reference of Kayachikitsa.
26.	Dr. Jai Prakash Singh Assistant Professor	Induction Programme for AYUSH Doctors organised on (2 February 2016) by Department of Ayurved, Government of Rajasthan.	Seasonal Communicable Disease and its Ayurvedic Treatment.
25.	Dr. Harish Bhakuni Lecturer (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Effect of Apamarga Kshar Lepa in Vicharchika – A Case Study.
26.	Dr. Harish Bhakuni Lecturer (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Role of Abhyanga – Swedana in the Management of Ghridhrasi Roga (Sciatica) – A Life Style Disorder.



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27.	Dr. Harish Bhakuni Lecturer (Co-author)	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Clinical Study on the Effect of an Ayurvedic Formulation in the Management of Medodushti w.s.r. to Dyslipidaemia.
28.	Dr. Harish Bhakuni Lecturer (Co-author)	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Clinical Study to Evaluate Role of Vamana Karma and Shashanklekhadi Ghana Vati in the Management of Mandala Kustha w.s.r. to Psoriasis.
29.	Dr. Harish Bhakuni Lecturer (Co-author)	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Role of Ayurveda in Management of Diabetes Mellitus.

### Book Published:

One Book titled Internal Medicine(Kayachikitsa), Part-I authored by Prof. Ram Kishore Joshi, Professor and Head of the Department is under publication.

2 Books titled 'Chikitsa Prakash' and 'Applied Panchakarma' authored by Dr. Jai Prakash Singh, Assistant Professor and published by Chaukhamba Vishwabharti, Varanasi.

### Guest Lectures:

Sl.No.	Name of Faculty Member	Title of Guest Lecture	Place
1.	Prof. R.K. Joshi Professor	Diabetes Mellitus Type 2 and Herbal Drugs.	National Seminsr on Herbal Medicine : Current Strategies and Future Prospects organized by Department of Zoology, Center for Advanced Studies, University of Rajasthan, Jaipur on 22-24 December, 2015.
2.	Dr. Ajay Kumar Sahu Assistant Professor	Uchcharaktachap.	Rajsthan Ayurveda Vigyan Parishad, Swami Laxmiram Bag, Jaipur (Raj.) August 2015
3.	Dr. Ajay Kumar Sahu Assistant Professor	Ritucharya Evam Mousami Bimariyan.	Suchana Abhiyan organized at Swarupganj District Sirohi (Raj.) December 2015.
4.	Dr. Ajay Kumar Sahu Assistant Professor	Lifestyle Disordrer in Urban Population and Role of AYUSH.	Training and Teaching Program for the Reorientation of newly appointed AYUSH Medical Officers of Rajasthan, February 2016.
5.	Dr. Ajay Kumar Sahu Assistant Professor	Effect of Gomutra Haritaki and Vrikshamla in Management of Sthoulya w.s.r. Obesity.	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
6.	Dr. Harish Bhakuni Lecturer	Utility of Shodhan Chikitsa in the Management of Tamaka Shwasa w.s.r. to Bronchial Asthma.	International Conference on Recent Advancement in Panchakarma held on 5-6 March 2016 at Rishikul State P.G. Ayurvedic College, Haridwar.
7.	Dr. Harish Bhakuni Lecturer	History Taking and Examination.	Ayurveda Vidhyarthi Vyaktitva Vikas Evam Bhavishya Nirmana Shivir organized by Vishwa Ayurveda Parishad at Jaipur in July 2015.
8.	Dr. Harish Bhakuni Lecturer	Management of Swine Flu, Chicken guinea & Dengue	Training and Teaching Program for the Reorientation of newly appointed AYUSH Medical Officers of Rajasthan held in January 2016.



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9.	Dr. Harish Bhakuni Lecturer	Geriatric Health Care.	Training and Teaching Program for the Reorientation of newly appointed AYUSH Medical Officers of Rajasthan held on 19 February 2016.
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Dr. Jai Prakash Singh, Lecturer reviewed the following Journals:

1. Journal of Research in Trans-Disciplinary Sciences.
2. International Journal of Multidisciplinary Researches - Medha.
3. International Ayurvedic Medical Journal, Bangalore.
4. Journal of Research and Education in Indian Medicine, Varanasi.

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.	Dr. Ajay Kumar Sahu Assistant Professor	6-Day Medical Camp organised in area of Jaisalmer Tehsil, District - Jaisalmer.	20-7-2015 to 25-7-2015
		3-Day Medical Camp organised on the occasion of Arogya Mela at Tehsil Swaroopganj, District - Sirohi.	9-12-2015 to 11-12-2015
		5-Day Medical Camp organised in Triveni Dham, District - Jaipur.	3-3-2016 to 7-3-2016
2.	Dr. Jai Prakash Singh Assistant Professor	6-Day Medical Camp organised at Village Revidar, District - Sirohi.	1-9-2015 to 6-9-2015
		3-Day Medical Camp organised at Kalyan Singh Ki Seed, District - Jodhpur.	18-2-2016 to 20-2-2016
		1-Day Medical Camp organised at Salasar Balaji, District - Churu.	-
3.	Dr. Harish Bhakuni Lecturer	6-Day Medical Camp organised at Tehsil Rishabh Dev, District - Udaipur.	14-9-2015 to 19-9-2015

### P.G. and Ph.D. Scholars participated in Seminars/Conferences/Workshops:

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

Sl. No.	Name of PG and Ph.D Scholar	Details of Seminars/Workshops
1.	Dr. Narwade Hemant	National Seminar on Panchkarma - A Contemporary Approach held on 18-22 July 2015 by Gujarat Ayurved University at Jamnagar.
2.	Dr. Shalini, Ph.d.	International Conference on Management of Disorders of Trimarma. 01.09.2015 to 03.09.2015
3.	Dr. Shalini, Ph.d.	Role of Griva Vasti in Management of Cervical Spondylosis (04.03.2016 to 07.03.2016)
4.	Dr. Rashmi Kanaskar	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.
5.	Dr. Usha Jangid	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.
6.	Dr. Usha Jangid	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
7.	Dr. Deepak Kumar	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.

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8.	Dr. Monu Gupta	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.
9.	Dr. Monu Gupta	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
10.	Dr. Ritu Yadav	International Conference on Recent Innovations. 23.10.2015 to 30.10.2015
11.	Dr. Kantilal Mali	Ayurveda Festival Kerala held at Kozhikode on 31 January to 4 February 2016.
12.	Dr. Kumari Priya	Role of Griva Vasti in Management of Cervical Spondylosis 04.03.2016 to 06.03.2016
13.	Dr. Bhanu Tank	Role of Griva Vasti in Management of Cervical Spondylosis 04.03.2016 to 06.03.2016
14.	Dr. Devesh Jaiman	Role of Griva Vasti in Management of Cervical Spondylosis 04.03.2016 to 06.03.2016
15.	Dr. Kangutkar Dipti Dattatreya	Role of Griva Vasti in Management of Cervical Spondylosis 04.03.2016 to 06.03.2016
16.	Dr. Chandra Prakash	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
17.	Dr. Dinesh Kumar Bairwa	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
18.	Dr. Shalini	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
19.	Dr. Hemlata Soni	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
20.	Dr. Vivek Kumar Driwedi	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
21.	Dr. Amit Joshi	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
22.	Dr. Shagufta Malhotra	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
23.	Dr. Niharika Shakya	International Seminar on Globalized Ayurveda: Opportunities and Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.

The students of the Department actively participated in 19 Departmental Seminars on different topics and presented their research work before the staff and students. Keynote Lectures were also given. 20 Meetings of Journal Club were organised. 14 Drug Tests were done on drugs for research purposes.

#### Miscellaneous Activities:

The following miscellaneous activities were taken place in the Department:

Sl. No.	Name of Teachers	Activities
1.	Dr. Ram Kishore Joshi Professor	1. Conducted UG and PG Examinations. 2. Acted as External Examiner of Devi Ahilaya University, Indore, Maharashtra University of Health Sciences, Nasik and Himachal Pradesh University, Shimla.

		<ol style="list-style-type: none"> <li>3. Worked Expert-Member in Himachal Public Service Commission, Shimla on 6-17 March, 2016.</li> <li>4. Appointed as Inspector by the Government of Rajasthan to inspect New Ayurveda College.</li> <li>5. Chaired a Screening Committee for granting Financial Upgradation to incumbents under MACP Scheme.</li> <li>6. Worked as Member of Selection Committee to interview the retired teachers on contractual basis in the Institute.</li> </ol>
2.	Dr. Udai Raj Saroj Assistant Professor	<ol style="list-style-type: none"> <li>1. Worked as Resident Medical Officer of the Institute Hospital.</li> <li>2. Worked as Deputy Medical Superintendent In-Charge in absence of DMS.</li> <li>3. Delievered 2 Lectures in Orientation Program conducted for Interns of BAMS Course.</li> <li>5. Chaired a Scientific Session of International Conference on Recent Innovation in Ayurvedic Sciences and Technology held on 24-25 October 2015 by Department of Kayachikitsa, Faculty of Ayurveda, IMS, BHU, Varanasi.</li> <li>6. Participated in CME Program held on 15-20 February 2016 at Govt. Ayurveda College and Hospital, Sampurnanand Sanskrit University, Varanasi.</li> <li>7. Delievered a Keynote lecture in 6-day Induction Program for AYUSH Medical Officers of Govt. of Rajasthan organised in the Institute Campus.</li> <li>8. Conducted UG and PG Examinations.</li> <li>9. 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, University of Himachal Pradesh, Shimla.</li> </ol>
3.	Dr. Ajay Kumar Sahu Assistant Professor	<ol style="list-style-type: none"> <li>1. Conducted UG and PG Examinations.</li> <li>2. Delivered Keynote lecture in International Seminar on Globalized Ayurveda at M.M.M. Ayurved Colelge, Udaipur.</li> <li>3. Rendered services at Arogya Mela organised by Jan Suchana Abhiyan Kendra at Sirohi (Raj.).</li> </ol>
4.	Dr. Jai Prakash Singh Assistant Professor	<ol style="list-style-type: none"> <li>1. Attended 4-days Arogya Mela organised at Birla Auditorium, Jaipur.</li> <li>2. Attended two 1-day Camps on Diabetes Mellitus organised by the Department in the Hospital of the Institute.</li> <li>2. Worked as: <ol style="list-style-type: none"> <li>1. Member-Secretary, Committee for Arogya Mela .</li> <li>2. Member-Secretary, Hindi Bhasha Prachar Prashar Committee.</li> <li>3. External Examiner for BAMS Examinations, Faculty of Ayurveda, Banaras Hindu University, Varanasi.</li> <li>4. Examiner for M.D.(Ayurveda) Examinations and Ph.D.</li> </ol> </li> </ol>

		<p>Thesis Evaluation, Faculty of Ayurveda, Banaras Hindu University, Varanasi.</p> <p>5. External Examiner for BAMS Examinations, Devi Ahilya Bai University, Indore(MP).</p> <p>6. External Examiner for BAMS Examinations, Vikramaaditya University, Ujjain (MP).</p> <p>7. Conducted UG and PG Examinations.</p> <p>8. Coordinator of National Campaign on Ayurveda for Geriatric Health Care (Geriatric Clinical Record) sponsored by CCRAS, Ministry of AYUSH.</p>
5.	Dr. Harish Bhakuni	<p>1. Coordinator for a Visit of Foreign Delegations visited the Institute on 23-7-2015, 31-7-2015, 27-8-2015.</p> <p>2. Coordinator for a Visit of Foreign Delegations from USA, Germany and Trinidad visited the Institute on 12-9-2015.</p> <p>3. Rendered services in Arogya Mela organised by the Government of Rajasthan at Jodhpur on 27-31 January 2016.</p> <p>4. Rendered services in Arogya Mela organised by the Ministry of AYUSH at Dehradun on 4-8 February 2016.</p> <p>5. Worked as Member of the following Committees: Draft Development Committee for Tele-Medicine, E-Book Development Committee, Sports Committee, Cultural Committee, Sports Purchase Committee</p> <p>6. Worked as:</p> <p>1. Member of Editorial Board of International Ayurvedic Medical Journal.</p> <p>2. Editor of NIA Newsletter.</p> <p>3. Member of Sports Committee, Sports Purchase Committee and Drug Purchase Committee.</p> <p>2. Assistant Physical Verification Officer for verification of Drug Store.</p> <p>3. Member of Examination Panel for the Faculty of Ayurveda, HP University, Shimla.</p> <p>4. Conducted M.D.(Kayachikitsa) Final Year Examinations External Examiner at Government Ayurveda College, Paprola.</p>

## 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, 2 Associate Professor and 4 Assistant Professors with other supporting technical and non-technical staff were working in the Department. 1 Lecturer in the subject of Sanskrit 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.	Manisha Tiwari	Dr. Kedar Lal Meena Associate Professor Dr. Govind Pareek Assistant Professor	यत्किञ्चित् कफवातघ्नमुष्णं वातानुलोमनम् । सिद्धान्त पुष्ट्यर्थं तमक श्र्वासव्याधि में कृष्णादि चूर्ण एवं श्रृंग्यादि चूर्ण का तुलनात्मक व चिकित्सात्मक अध्ययन ।
2.	Aswathy Nair	Dr. Kedar Lal Meena Associate Professor	A Critical Study of Sleep Disorders Mentioned in Ayurveda Samhitas w.s.r. to Nidrakara Bhavas in

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		Dr. Govind Pareek Assistant Professor	Mandanidrata.
3.	Dr. Priti Patil	Dr. Baldev Kumar Associate Professor Dr. Asit Kumar Panja Assistant Professor	An Evaluation of Rajodoshas as Causative Factor of Prameha in Purview of 'रजः प्रसेक नारीणां मासि मासि विशोधयेत.....'
4.	Dr. Dhola Ram Saini	Dr. Baldev Kumar Associate Professor Dr. Shailza Bhatnagar Assistant Professor	'सर्वदा सर्वभावानां सामान्यं वृद्धिकारणम्' सिद्धान्त पुष्ट्यर्थं शुक्रक्षय में शुक्रजनन महाकषाय व शुक्रशोधन महाकषाय का चिकित्सात्मक अध्ययन ।
5.	Shreeram Kumawat	Dr. Nisha Gupta Assistant Professor	A Critical Study of Viruddha Ahara with special reference to Food Allergy.
6.	Dr. Hemraj Meena	Dr. Asit Kumar Panja Assistant Professor Dr. Shailza Bhatnagar Assistant Professor	उक्तं संतर्पणोत्थानामपतर्पणमोषधम् । (च.सू. 23/26) सिद्धान्त पुष्ट्यर्थं संतर्पणोत्थ मूत्रकृच्छ्र व विचर्चिका (कुष्ठ) में त्रिफलादि-क्वाथ का सैद्धान्तिक एवं चिकित्सात्मक अध्ययन ।
7.	Dr. Manoj Kumar	Dr. Govind Pareek Assistant Professor Dr. Asit Kumar Panja Assistant Professor	सर्पिः ..... प्रशस्ताः शुक्रदोषेषु – सिद्धान्त पुष्ट्यर्थं क्लेब्य रोग में वाजीकरण घृत का चिकित्सात्मक अध्ययन ।

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. Praveen Kumar	Dr. Kedar Lal Meena Associate Professor	A Critical Study of Bhaishjavocharma Vidhi Mentioned in Brihattayi.
2.	Dr. Ankita Agrawal	Dr. Asit Kumar Panja Assistant Professor	A Conceptual and Clinical Study of Efficacy of Triphala.
3.	Dr. Sunil Kumar Sharma	Dr. Govind Pareek Assistant 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 Associate Professor	A Conceptual and Clinical Study of Sadhyata-Asadhyata of Prameha.
5.	Dr. Priyanka Firoda	Dr. Nisha Gupta Assistant Professor	An Evaluation of Dhumapana Therapy in Anurjajanya Tamaka Svasa - A Comparative Study.
6.	Dr. Manu Verma	Dr. Shailza Bhatnagar	A Conceptual Study on Role of Rasayana Therapy in Womens Health.
7.	Dr. Priyanka Meena	Dr. Kedar Lal Meena Associate Professor	A Conceptual Study of Medha in the Purview of
8.	Dr. Kunal Ojha	Dr. Govind Pareek Assistant Professor	A Conceptual and Comparative Clinical Study Madhumehari Churna and Kadaradi Kwatha in Madhumeha to prove the Principle सर्वस्य बद्धमूत्राण्यमेदस्कराणि ।
9.	Dr. Rekha Meena	Dr. Kedar Lal Meena Associate Professor Dr. Asit Panja Assistant 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) ।
10.	Dr. Rajesh Gupta	Dr. Kedar Lal Meena Dr. Asit Panja Assistant Professor	A Comparative Clinical Study of Yavanadi Paya and Kantakari Avelaha in Vatika Kasa w.s.r. to सिन्ध्यामल लवणां पेयामनिलजे पिबेत् ।
11.	Dr. Vikas Kumar	Dr. Baldev Kumar Associate Professor Dr. Nisha Gupta Assistant Professor	A Study on the Effect of Vishaghna Mahakashaya and Edagajadi Lepa in Anurjajanya Vicharchika in the Purview of चिकित्सा विषघ्नयैव स शमं लभते नरः ।
12.	Dr. Prashant Rathi	Dr. Shailza Bhatnagar Assistant Professor	Clinical Evaluation of Rasayana Effect of Madhuyashti Churna in Apparently Healthy

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			Individuals.
13.	Dr. Kiran	Dr. Asit Panja Assistant Professor	उक्तं संतर्पणोत्थानामतर्पणमोषधम् (च.सू. 23/26) । सिद्धान्त पुष्टयर्थं संतर्पणोत्थ कोठ व किटिभ (कुष्ठ) में मुस्तादि क्वाथ का सैद्धान्ति एवं चिकित्सात्मक अध्ययन ।
14.	Dr. Sucheta Verma	Dr. Baldev Kumar Associate Professor Dr. Hetal Dave Assistant Professor	A Survey Study of Diabetic Patients (type - I and II) with special reference to different types of Prameha.
15.	Dr. Satveer Sikandar	Dr. Baldev Kumar Associate Professor Dr. Shailza Bhatnagar Assistant Professor	Conceptual and Clinical Study of Prameha in the Purview of मूत्रवहानां च स्त्रोतसां वंक्षण बस्तिप्रभवानां मेदःक्लेदोपहितानि गुरुणि मुखान्यासाध प्रतिरुध्यते (च.नि. 8/4) ।
16.	Dr. Manish Singh	Dr. Kedar Lal Meena Associate Professor Dr. Govind Pareek Assistant Professor	A Clinical and conceptual study of Pathyādi chūrṇa and Vibhītaka cūrṇa on Tamaka Śvāsa in the purview of मुहुर्मुहुर्विषच्छर्दि हिध्मातृदृश्रवासकासिषु (अ.ह.सू. 13/40)
17.	Dr. Vibha Sood	Dr. Kedar Lal Meena Associate Professor	A Conceptual And Clinical Study Of Shatavari churna And Kaparda bhasma On Asthi-kshaya In The Purview Of Samangunabhyaso hi dhatunaam vrriddhi karanam w.s.r. to Postmenopausal Osteoporosis
18.	Dr. Kundan	Dr. Baldev Kumar Associate Professor Dr. Shailza Bhatnagar Assistant Professor	A Fundamental and Clinical study on Functional aspect of “Udakavaha Srotas and Strotomoola w.s.r. to Prameha.”
19.	Dr. Deepak Rahangdale	Dr. Baldev Kumar Associate Professor	A conceptual and clinical study to understand the principle of Sharira-Shaithilyata and Udakavaha Srotodushti w.s.r. to Prameha.
20.	Dr. Shanker Lal Burdak	Dr. Nisha Gupta Assistant Professor	चिकित्सा विषधन्वैव स शमं लभते नरः “An Assessment of Immuno-modulatory effects of Viṣagghna mahākāṣāya in the patients of Anūrjatājanya tamaka śvāsa (Allergic asthma).”
21.	Dr. Suman	Dr. Asit Kumar Panja Assistant Professor Dr. Shailja Kumari Assistant Professor	चरक संहिता की उपलब्ध संस्कृत टीकाओं में प्राप्त पाठान्तरों का विवेचनात्मक अध्ययन ।
22.	Dr. Jadav Kuldip Kumar Vijay Kumar	Dr. Govind Pareek Assistant Professor Dr. Asit Kumar Panja Assistant Professor	“A Conceptual, clinical and comparative Study of Vidangadi churna and Medohara lepa along with Vidangadi churna on Sthaulya in the purview of - संतर्पणोत्थानामतर्पण मौषधम् (च.सू. 23/26) ।

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Monika Kumari	Dr. Kedar Lal Meena Associate Professor Dr. Sushila Sharma Associate Professor	A Fundamental and Clinical Study of Apanavaigunya in Udavartini Yonivyapada in the Purview of “Apanam cha anulomyet.....” (Ch. Chi.28/219).
2.	Dr. Pallavi Dixit	Dr. Nisha Gupta Assistant Professor	Fundamental Study of various Nyāya in Brhatrayāḥ: Intervening Therapeutics.
3.	Dr. Shweta Dewan	Dr. Baldev Kumar Associate Professor	A Comprehensive Study of Prameha in relevance with its Ayurvedic Management and Prognosis.



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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Vipin Kumar	Dr. Kedar Lal Meena Associate 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. Baldev Kumar Associate Professor	आयुर्वेद में वर्णित सृष्टि उत्पत्ति सिद्धान्त का विश्लेषणात्मक अध्ययन ।

**Publication:**

**(A) Books**

Dr. Asit Kumar Panja, Assistant Professor of the Department has authored and published 2 Books on the subjects of Ayurveda.

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

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Kedar Lal Meena Associate Professor	Critical Ayurvedic Evaluation of Determinants of Deha Prakriti.	International Journal of Ayurveda and Pharmaceutical Chemistry Vol-3, Issue-3 November 2015
2.	Dr. Kedar Lal Meena Associate Professor	A Concise Review of Apanvaigunya and Its Management by Anulomana.	World Journal of Pharmaceutical Research Vol-5, Issue-3 February 2016 ISSN 2277-7105
3.	Dr. Kedar Lal Meena Associate Professor	An Ayurvedic Approach towards Asthi-kshaya and Its Management.	Journal of Ayurveda Under publication.
4.	Dr. Baldev Kumar Associate Professor	Transforming World; Ayurveda in Big Light, Limitations and Keys.	IAMJ ISSN 2320 5091 Vol-IV, Issue-V May, 2016
5.	Dr. Baldev Kumar Associate Professor	Emergency Medicine in Ayurveda.	IAMJ ISSN 2320 5091 Vol-3, Issue-9 Sept. 2015
6.	Dr. Baldev Kumar Associate Professor	Exposition of Concept of Srotomoola Chikitsa – An Overview.	JREIM, ISSN 0970-7700 (Accepted for Publication)
7.	Dr. Baldev Kumar Associate Professor	Emergency Medicine in Ayurveda.	Ayuhom ISSN2349—2422 (Accepted for Publication)
8.	Dr. Baldev Kumar Associate Professor	New Advances in Learning Ayurveda: A Necessity.	Swasthya Magazine (Accepted for Publication)
9.	Dr. Baldev Kumar Associate Professor	Global Scenario of Ayurveda : Vision for Next Decade.	STM Journal ISSN 2249-8648 (Accepted for Publication)
10.	Dr. Baldev Kumar Associate Professor	Transforming Pregnant Women Lives By Garbini Paricharya - An Ayurvedic Theory.	WJPLS ISSN – 2454-2229 (Accepted for Publication)
11.	Dr. Baldev Kumar Associate Professor	Common Threads of Basic Principles Between Traditional Indian Medicine	JREIM ISSN 0970-7700

		(Ayurveda) And Traditional Japanese Medicine (Kampo).	(Accepted for Publication)
12.	Dr. Baldev Kumar Associate Professor	Pioneering in the Field of Ayurveda : Need of the Hour.	Vishwa Ayurveda Parishad ISSN 0976 8300 (Accepted for Publication)
13.	Dr. Nisha Gupta Assistant Professor (Co-author)	A survey study of Anurjatajanya(allergic) diseases to establish relationship with Ama with regard to the principle रोगाः सर्वेऽपिमन्देऽनौ..... । (अ.ह.नि. 12 / 1)	Journal of Ayurveda (Under publication)
14.	Dr. Nisha Gupta Assistant Professor (Co-author)	A Critical Study of Viruddhaahara with Special Reference to Food Allergy.	Journal of Ayurveda (Under publication)
15.	Dr. Nisha Gupta Assistant Professor (Co-author)	A Review of Preventive Health Care in Geriatrics Through Ayurveda.	International Journal of Ayurvedic Medicine (IJAM) ISSN - 0976-5921 Vol-6, No. 2 (2015) April-June 2015
16.	Dr. Nisha Gupta Assistant Professor (Co-author)	Ayurvedic View on Clinical Importance of Bala and Bala Parīkṣā – A Review.	IJAAR ISSN – 2347-6362 Vol.-II, Issue-I May-Jun 2015
17.	Dr. Nisha Gupta Assistant Professor (Co-author)	‘चिकित्सया विषघ्न्यैव स शमं लभते नरः । (च.चि. 3 / 118)’ An Assessment of Immuno-modulatory effects of Viṣaghnamahakasaya in the patients of Anurjatajanyatamakāsava (Allergic Asthma).	Journal of Ayurveda Vol.-II, Issue-I May-Jun 2015
18.	Dr. Nisha Gupta Assistant Professor (Co-author)	Critical Analysis Of Carakokta Śvāsasahara and Viṣaghnamahākāṣāya in The Management Of AnūrjatājanyaTamakaśvāsa (Allergic Asthma).	IJRSR (International Journal of Recent Scientific Research) ISSN: 0976-3031 (Under Publication)
19.	Dr. Nisha Gupta Assistant Professor (Co-author)	Evaluation and Standarization of Snigdha Guna of Bharajak Pitta w.r.s. to Vicharchika.	Journal of Ayurveda (Under Publication)
20.	Dr. Asit Kumar Panja Assistant Professor	An Analytical Review of Diet and Dietary Principles in Ayurveda According to Prakriti.	International Journal of Agricultural and Medicinal Plants Research ISSN - 2347-9345 April 2015
21.	Dr. Asit Kumar Panja Assistant Professor	A Historical Review of Diet and Dietary Principles in Ayurveda Classics.	Journal of Drug Research 2015; 2015 4(1): 76-95 ISSN 2319-5916 April 2015
22.	Dr. Asit Kumar Panja Assistant Professor	A Comprehensive Review of Chronic Kidney Disease from the Ayurvedic Perspective.	NAMAH ISSN - 0971-684-X Volume 23, Issue 1 April 2015
23.	Dr. Asit Kumar Panja Assistant Professor	A Review on the Role of Ayurveda to tackle the Increasing Prevelence of Non-Communicable Diseases.	Journal of Drug Research 2015; 2015 4(2): 1-6 ISSN 2319-5916 June 2015
24.	Dr. Asit Kumar Panja Assistant Professor	Critical Analysis Etiological Factors of Pandu with reference to Its Samprapti.	International Journal of Agricultural and Medicinal Plants Research ISSN - 2347-9345 June 2015
25.	Dr. Asit Kumar	Santarpanajanyapramehehetuvichara-	Visvaayurvedaparisada

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	Panja Assistant Professor	vartmanapariprekhevishleshnatmakaadhya yana	Journal ISSN - 0976- 8300 September, 2015
26.	Dr. Asit Kumar Panja Assistant Professor	A Review on Concourse Approach of Disease Prevention, Health Preservation and Health Promotion w.s.r. to Dinachariya.	International Journal of Ayurveda and Pharma Research ISSN - 2322 – 0902 October 2015
27.	Dr. Asit Kumar Panja Assistant Professor	Santarpanajanyapramehesamprativichara - vishleshnatmakaadhya yana.	Visvaayurvedaparisada Journal ISSN - 0976- 8300 Nov 2015
28.	Dr. Asit Kumar Panja Assistant Professor	Ethical Consideration in the Ayurveda Classics.	NAMAH (International) ISSN - 0971-684-X Volume 23; Issue 4 January 2016

### (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 Associate Professor	Workshop on Saushrutiya Aahar Vidhi Vidhan Ki Vartman Main Prasangikta organised at Ratlam on 2-3 May 2015.
2.	Dr. Baldev Kumar Associate Professor	A Program organised by Vishav Ayurved Parishad at Jalandhar. Oral Presentation : Exposition of Concept of Srotomoola Chikitsa – An Overview.
3.	Dr. Baldev Kumar Associate Professor	A Program organised by Vishav Ayurved Parishad at Jalandhar. Oral Presentation : The Importance of Srotomoola Chikitsa - A Clinical Study w.s.r. Asrigdara.
4.	Dr. Baldev Kumar Associate Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Presented: Emergency Medicine in Ayurveda.
5.	Dr. Baldev Kumar Associate Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Presented: Role of Garbini Paricharya in Pregnant Women.
6.	Dr. Baldev Kumar Associate Professor	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016. Paper Presented: A Comprehensive Study of Prameha in Relevance with its Ayurvedic Management And Prognosis
7.	Dr. Baldev Kumar Associate Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Oral Presentation : Presentation, Management of Diabetes Mellitus Through Medhya Rasayana.
8.	Dr. Baldev Kumar Associate Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Oral Presentation : Studies on Hospital Management in the Light of Samhita Granthas w.s.r. Charak Samhita.
9.	Dr. Baldev Kumar Associate Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28

		February 2016.Oral Presentation : Purport Communication and Interaction Strategy in Teaching-Teaching Methodology and Skill Development.
10.	Dr. Baldev Kumar Associate Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Oral Presentation : An Analysis of Udakavahasrotas and Srotomoola w.s.r. to Prameha.
11.	Dr. Baldev Kumar Associate Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Oral Presentation : Advances and Skill Development in Ayurveda.
12.	Dr. Baldev Kumar Associate Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Oral Presentation : Management of Life Style Disorders – Sandhigatavata.
13.	Dr. Baldev Kumar Associate Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Oral Presentation : A Clinical Study in the Management of Prameha w.s.r. to Rajodosh.
14.	Dr. Baldev Kumar Associate Professor	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016. A comprehensive analysis of sharer shaithilya in the pathogenesis of prameha and its preventive measures.
15.	Dr. Baldev Kumar Associate Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Oral Presentation : Studies on hospital management on the light of samhita granthas with special reference to charaka samhita.
16.	Dr. Baldev Kumar Associate Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Presented: To establish treatment modalities in seasonal non communicable chronic disorders w.s. r. to “Tamak Shvasa”as Pranavaha Pradoshaja vikara.
17.	Dr. Baldev Kumar Associate Professor	University Grant Commission - Special Assistantce Program - 2015 Oral Presentation : Teenage Pregnancies: An Ayurvedic Review
18.	Dr. Nisha Gupta Assistant Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015): 11-13 September 2015, Kottayam, Kerala. Paper Co-authored for the Presentation: A Fundamental and Clinical Study of ‘Vishesh-Siddhanta’ with Special Reference to Amlapitta.
19.	Dr. Nisha Gupta Assistant Professor	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016. Paper Co-authored for the Presentation: A critical study of Viruddhaahara with special reference to food allergy
20.	Dr. Nisha Gupta Assistant Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Paper Co-authored for the Presentation: Critical Analysis Of Relation Between Vyādhikṣamatva (Immunity) And Anūrjatā (Allergy) With Special Reference To Prakṛti – A

		Literary Review
21.	Dr. Nisha Gupta Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Co-authored for the Presentation: Critical Analysis of Yava (Barley) – A Key to the Life Style Disorders – A Literary Review.
22.	Dr. Nisha Gupta Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Co-authored for the Presentation: Ayurvedic Management in Obesity.
23.	Dr. Nisha Gupta Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Co-authored for the Presentation: The Critical Analysis Of 'Dushivisha' With Special Reference To Skin Allergy.
24.	Dr. Asit Kumar Panja Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Co-authored for the Presentation: Sthaulya with special reference to Obesity.
25.	Dr. Asit Kumar Panja Assistant Professor	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016. Paper Co-authored for the Presentation: Dietetics and Nutrition in Charaka Samhita with special reference to Sthaulya.
26.	Dr. Asit Kumar Panja Assistant Professor	International Seminar on Wellness through Ayurveda held on 3-4 October 2015 at Rishikesh. Paper Co-authored for the Presentation: Critical Study of Vatarakta.
27.	Dr. Asit Kumar Panja Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Co-authored for the Presentation: Role of Therapeutic Diet and Yoga in Type-2 Diabetes.
28.	Dr. Shailja Bhatnagar Assistant Professor	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016. Paper Presented in the Seminar: Role of Rasayana in Women Health.
29.	Dr. Shailja Bhatnagar Assistant Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Paper Presented in the Seminar: Teaching Methodology in Ayurveda.
30.	Dr. Shailja Bhatnagar Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Presented in the Seminar: Ayurveda and Life Style Disorders.
31.	Dr. Shailja Bhatnagar Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016. Paper Presented in the Seminar: Role of Medhya Rasayana in Present Scenario.

**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:

<b>Sl.No.</b>	<b>Name of Faculty Member and Scholar</b>	<b>Guest Lecture Title</b>	<b>Date/Month</b>	<b>Program</b>
1.	Dr. Asit Kumar Panja Assistant Professor	Classical Methods of Education in Ayurveda with Special Reference to Chanda.	July,2015	Vishwa Ayurveda Parishad,Rajasthan
2.	Dr. Asit Kumar Panja Assistant Professor	Basics of Manuscriptology.	Aug., 2015	Gujarat Ayurveda University
3.	Dr. Asit Kumar Panja Assistant Professor	Chronic Disease In Ayurveda.	Sep., 2015	Rajasthan Ayurveda Vigyana Parisad,jaipur
4.	Dr. Asit Kumar Panja Assistant Professor	Basics of Diagnosis.	Nov., 2015	Nasyarajasthan,udaipur
5.	Dr. Asit Kumar Panja Assistant Professor	Introduction and Need of Manuscriptology in Ayurveda.	Jan., 2016	Gujarat Ayurveda University
6.	Dr. Asit Kumar Panja Assistant Professor	Editing of AyurvedaMss	-	Gujarat Ayurveda University
7.	Dr. Asit Kumar Panja Assistant Professor	Citation and its Importance in Editing.	-	Gujarat Ayurveda University
8.	Dr. Asit Kumar Panja Assistant Professor	Critical Apparatus.	-	Gujarat Ayurveda University
9.	Dr. Asit Kumar Panja Assistant Professor	Emendation of Ayurveda Texts.	-	Gujarat Ayurveda University
10.	Dr. Asit Kumar Panja Assistant Professor	Comparing of Ayurveda Manuscripts(Practical).	-	Gujarat Ayurveda University
11.	Dr. Asit Kumar Panja Assistant Professor	Chanda in Ayurveda Manuscripts Manuscriptology Workshop.	-	Gujarat Ayurveda University
12.	Dr. Asit Kumar Panja Assistant Professor	A Demonstration of Madhavnidana in Encyclopaedicseries.	Jan., 2016	Gujarat Ayurveda university(guest lecture)
13.	Dr. Asit Kumar Panja Assistant Professor	Chandas of Madhavnidana (Practical Chanting).	Jan., 2016	Nasya Rajasthan, Udaipur
14.	Dr. Asit Kumar Panja Assistant Professor	Clinical Interpretation of Samprapti of Madhavnidana.	-	Nasya Rajasthan, Udaipur
15.	Dr. Asit Kumar Panja Assistant Professor	Practical Outlook of Kshayagana of Vagbhat.	-	Nasya Rajasthan, Udaipur
16.	Dr. Asit Kumar Panja Assistant Professor	Chandas of Ashtanghridayam(Practical Chanting).	-	Nasya Rajasthan, Udaipur
17.	Dr. Asit Kumar Panja Assistant Professor	Practical Demonstration of Diagnosis on the Patients as Per Madhavnidana and Ashtanghridayam.	-	Nasya Rajasthan, Udaipur
18.	Dr. Asit Kumar Panja	Philosophical and Psychological Basic of	28-3-2016	Babeke Ayurveda Colledge, Moga, Punjab.

	Assistant Professor	Medical Research (Specially Ayurveda).		
19.	Dr. Govind Pareek Assistant Professor	Padarth Vigyan Ki Chikitsamak Upyogiyata	19-6-2015	Vyaktiva Vikas Shivir Vishva Ayurveda Parishad Madhya Pradesh
20.	Dr. Govind Pareek Assistant Professor	Synopsis Development and Ethics in Research.	27-28 Jan., 2016	NIA, Jaipur
21.	Dr. Govind Pareek Assistant Professor	Hindi Ke Prasar Main Vyavharik Samasyaen Evam Samadhan.	19-3-2016	North-West Railway Office, Jaipur.
22.	Dr. Govind Pareek Assistant Professor	Resent Advances and Skill Development in Ayurveda.	27-28 Feb., 2016	DAV College, Jalandhar

**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.

**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.

**Manuscript Unit :** A Manuscript Unit is being established by the Department to preserve rare Scripts, Samhitas, Classical References on Ayurveda. It will also help to develop excellent skill in research methodology. An Assistant Professor of the Department working as an Incharge of this Unit.

**Awards:**

- Dr. Asit Kumar Panja, Assistant Professor has received Pandit Lakshminarayan Memorial Award, 2015 for excellence in medical field by Vaidya Lakshmi Narayan Sharma Memorial Trust, Jaipur in November 2015.
- Dr. Govind Pareek, Assistant Professor has received Vidvat Samman - 2015 for excellence in the field of Ayurveda by Vaidya Lakshmi Narayan Sharma Memorial Trust, Jaipur.

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

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Kedar Lal Meena Associate Professor	1. Worked as Member of Ayurveda Faculty of Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur. 2. Conducted Examinations, as External Examiner, at Ayurveda & Unani Tibbiya College, New Delhi. 3. Worked as Scientific Member of Institutional Ethical Committee of the Institute. 4. Worked as Co-ordinator for ROTP and CME Programs.
2.	Dr. Baldev Kumar Dhiman	1. Participated in three 1-day medical camp organised at Malpura, Vinod Nagar(Jaipur) and Makrana Kasba(Ajmer).
2.	Dr. Asit Kumar Panja Assistant Professor	1. Participated in Arogya Mela organised at Pragati Maidan, New Delhi on 4-6 October 2015. 2. Participated in six-days medical camp organised at Gogunda(Udaipur) in Nov. 2015. 3. Worked as Co-Coordinator for ROTP and CME Program. 4. Worked as Editor, Journal of Ayurveda.
3.	Dr. Govind Pareek Assistant Professor	1. Worked as Hostel Warden of PG Hostel. 2. Participated in 6-day Mobile Medical Camp organised in Jaisalmer District of Rajasthan.



## 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, 3 Associate Professors, 1 Assistant Professor and 1 Lecturers with other supporting technical and non-technical staff were working in the Department. 1 Professor is also engaged on contractual basis.

### 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 4 research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Umesh Nagar	Dr. Santosh Kumar Bhatted Associate Professor	A Comparative Clinical Study on the Effect of Virechana Karma, Sapta Prasrutika Basti Karma and Vrushya Yoga in the Management of Kshina Shukra w.s.r. to Oligozoospermia.
2.	Dr. Avnish Shukla	Dr. Omprakash Sharma Associate Professor Dr. Santosh Kumar Bhatted Assoc. Professor	A Clinical Study of the Effect of Vamana Karma, Virechana Karma and Vajraka Ghrita in Management of Ekakustha w.s.r. to Psoriasis.

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3.	Dr. Dilip Vyas	Dr. S.N. Sharma Associate Professor Dr. Sarvesh Kumar Singh Lecturer	A Comparative Clinical Study to Evaluate the Efficacy of Panchatikta Ksheer Vasti and Janu Dhara in the Management of Janusandhigata-vata w.s.r. to Osteoarthritis.
4.	Dr. Sajjan Kalwania	Dr. Santoshkumar Bhatted Associate Professor	A Comparative Clinical Study on the Effect of Virechana Karma, Ketaki-Rasonadi Taila-Brimhana Sneha and Amritadi Ghanvati in the Management of Asthikashya w.s.r. to Post Menopausal Osteoporosis.
5.	Dr. Preeti Swami	Dr. S.N. Sharma Assoc. Professor Dr. Sarvesh Kumar Singh, Lecturer	A Comparative Clinical Study to evaluate the Efficacy of Vasti and Nasya Karma in the Management of Sthoulya w.s.r. to Obesity.
6.	Dr. Kamini	Dr. Omprakash Sharma Associate Professor Dr. Santoshkumar Bhatted Associate Professor	A Comparative Clinical Study on the effect of Vamana Karma and Bhadradi Kaphanashaka Kala Basti and Shatpushpadi Ghanavati in the Management of Aartava-Kshaya w.s.r. Polycystic Ovarin Syndrome (PCOS).
7.	Dr. Kanika Wadhawa	Dr. S.N. Sharma Assoc. Professor Dr. Sarvesh Kumar Singh, Lecturer	To Assess the Comparative Efficacy of Patrapinda Sweda and Basti Karma in the Management of Gridhrasi w.s.r. to Sciatica.
8.	Dr. Vipin Kumar	Dr. Santoshkumar Bhatted Associate Professor	A Comparative Clinical Study on the Effect of Vamana Karma, Jalaukavacharana, Varnya Churna and Lodhradi Lepa in the Management of Yuvan Pidaka w.s.r. Acne Vulgaris.

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. Bhavna Kumari	Dr. Santoshkumar Bhatted Associate Professor	"A comparative clinical study on the role of Shamana Snehapana and Yapana Basti with Asthishrinkhladi Ghritam and Aswagandha Ksheerpaka followed by Abhadi Churna in the Management of Asthikshaya w.s.r. to Osteoporosis."
2.	Dr. Alka Yadav	Dr. Santoshkumar Bhatted Associate Professor	"A clinical comparative study on the role of Vamana, Virechana, Sarivadi Ghanavati and Vatapatradi Lepa in management of Mukhadushika w.s.r. to Acne Vulgaris."
3.	Dr. Neeraj Mehra	Dr. Omprakash Sharma Associate Professor Dr. Santoshkumar Bhatted Associate Professor	A Comparative Clinical Study on the Role of Katibasti with Shvadanstradi Taila and Erandamuladi Kala Basti in the Management of Gridhrasi w.s.r. to Sciatica.
4.	Dr. Amit Kumar	Dr. Omprakash Sharma Associate Professor Dr. Santoshkumar Bhatted Associate Professor Dr. Sarvesh Kumar Singh, Lecturer	A Comparative Clinical Study to Evaluate the Role of Janu Basti and Matra Basti along with Adityapaka Gugglu in the Management of Janusandhigata Vata w.s.r. to Osteoarthritis of Knee Joint .

5.	Dr. Gourisankar Bhaumik	Dr. Santosh Kumar Bhatted	A Comparative Clinical Study on the Effect of Vamana and Virechana Karma followed by Kushthaghna Mahakashaya in the Management of Ekakushtha w.s.r. to Psoriasis.
6.	Dr. Basheer Ahmad Khanday	Dr. S.N. Sharma Associate Professor Dr. Santoshkumar Bhatted Associate Professor Dr. Sarvesh Kumar Singh, Lecturer	An Open Label Randomized Comparative Study of the Efficacy of Sadhyo Virechana and Basti with Eranda Tail and Vaitaran Basti respectively along with Amritadi Churna and Baluka Swedan in the Management of Amavata w.s.r. to Rheumatoid Arthritis.
7.	Dr. Manori Juvaneeta Jansz	Dr. Sarvesh Kumar Singh Lecturer	A Comparative Clinical Study on the Role of Katibasti with Balataila and Erandamuladi Niruha Basti along with Erandapaka in the Management of Katishool w.s.r. to Lumber Spondylosis.
8.	Dr. Kapil Sharma	Dr. Santosh Kumar Bhatted Associate Professor Dr. Sarvesh Singh Lecturer	A Comparative Clinical Study on the Effect of Ksheerbalatailamatrabasti and Erandmooladiyogabasti followed by Rasnaguggulu in the Management of Gridhrasi w.s.r. to Sciatica.
9.	Dr. Sunil Kushwaha	Dr. Santoshkumar Bhatted Associate Professor	A Comparative Clinical Study on the Effect of Triphalavidangadi Lekhana Basti and Vidangadi Ghana Vati in the Management of Stholya w.s.r. to Obesity.
10.	Dr. Champak Kumar Pathak	Dr. Ramakant Sharma Professor Dr. Santoshkumar Bhatted Associate Professor	A Comparative Clinical Study to evaluate the Effect of Ksheerbalatailainmatrabasti and Janupichualong with Aswangandhashatavariksbeer Pak in the Management of Janu-Sandhigatavata w.s.r. to Osteoarthritis Of Knee Joint.
11.	Dr. Archana Kushwaha	Dr. Sarvesh Kumar Singh Lecturer Dr. Santosh Kumar Bhatted Associate Professor Dr. Hetal H. Dave Assistant Professor	A Comparative Clinical Study on the Role of Virechana And Uttar Basti, alongwith Yoga Basti in the Management of Vandhyatva w.s.r. to Female Infertility.
12.	Dr. Amrita	Dr. Santosh Kumar Bhatted Associate Professor	A Comparative Clinical Study on the Effect of Vamana Karma, Virechana Karma, followed by Vyaghri Haritaki Rasayana in the Management of Tamaka Shavasa w.s.r. to Bronchial Asthma.
13.	Dr. Govind Kumawat	Dr. Ramakant Sharma (Chullet) Professor Dr. Santosh Kumar Bhatted Associate Professor	A Comparative Clinical Study of Vamana and Virechana Karma and followed by Aragwadha Patra Lepa with Samana Yoga (Lelitaka Gandhaka) in the Management of Kitibha Kushtha w.s.r.to Psoriasis.
14.	Dr. Nishu	Dr. Ramakant Sharma (Chullet) Professor Dr. Santosh Kumar Bhatted Associate Professor	The Role of Shadbindu Sarpi Nasya and Shadbindu Sarpi Pana in Ardhavabhedaka (Migraine).

**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, Shastikashalipindasweda, Patrapindsweda, etc. All therapies are done under the supervision of Faculty Members and Scholars.

During the year under report, 89,146 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 15,113 out of which 752 were newly registered and total strength of patients in OPD was 32,187 out of which 10,904 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. Santosh Kumar Bhatted Associate Professor Dr. B.A. Pooja Scholar	Effect of Lekhana Basti and Tab. Atorvastatin in the Management of Dyslipidemia - A Comparative Clinical Study.	World Journal of Pharmaceutical Research Vol. 4, No. 1, January 2015.
2.	Dr. Santosh Kumar Bhatted Associate Professor Dr. B.A. Pooja Scholar	Role of Virechana Karma in Dyslipidemia : A Clinical Study.	Journal of AYUSH 2015
3.	Dr. Santosh Kumar Bhatted Associate Professor Dr. Hivale Ujwala Scholar	Effect of Triphaladi Virechana Karma with Arjuna-Punarnavadi Ghanavati, in the Management of Essential Hypertension.	International Ayurvedic Medical Journal August 2015
4.	Dr. Santosh Kumar Bhatted Associate Professor Dr. Hivale Ujwala Scholar	Effect of Triphaladi Kala Basti Karma in the Management of Essential Hypertension.	Aryavaidyan Journal April 2015
5.	Dr. Santosh Kumar Bhatted Associate Professor Bhingardive Kamini Scholar	To Evaluate the Efficacy of Lekhana Basti and Udvartana in the Management of Post Surgical Obesity.	World Journal of Pharmaceutical Research 2016

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6.	Dr. Santosh Kumar Bhatted Associate Professor Sharma Sangeeta Scholar	Effect of Vamana Karma with Dhamaragava Bija Yoga in the Managamaent of Medoroga w.s.r. to Dyslipidemia.	Aryavaidyan Journal April 2015
7.	Dr. Santosh Kumar Bhatted Associate Professor Dr. B.A. Pooja Scholar	Efficacy of Katibasti and Shamana Aushadhi in the Management of Ghridrasi (Sciatica) – A Comparative Clinical Study.	Aryavaidyan Journal April 2015
8.	Dr. Santosh Kumar Bhatted Associate Professor Dr. B.A. Pooja Scholar	Clinical Study to Evaluate the Role of Virechana Karma in Management of Dyslipidemia.	Journal of Indian System of Medicine April - June 2015 Volume 3 Issue 2
9.	Dr. Santosh Kumar Bhatted Associate Professor Dr. Nagar Umesh Scholar	Ayurvedic Management of Avascular Necrosis of Head of Femur by Panchatikta Kshira Basti Karma - Case Study.	World Journal of Pharmaceutical Research Issue 3, Volume 5 2016
10.	Dr. Santosh Kumar Bhatted Associate Professor Dr. Nagar Umesh Scholar	Stage Wise Administration of Panchakarma in Certain Degenerative Diseases of Spine.	Souvenir of National Seminar on Spinal Disorders Govt. Ayurved College Nanded April 2015
11.	Dr. Santosh Kumar Bhatted Associate Professor Dr. Kalwania Sajjan Scholar	Effect of Panchatikta Ksheera Basti – Karma in Asthividraddhi w.s.r. to Avascular Necrosis.	Journal of Ayurveda and Holistic Medicine 2016.
12.	Dr. Sarvesh Kumar Singh Lecturer Satya Prakash Scholar	Ayurvedic Management for Gridhrasi with Special Reference to Sciatica - A Case Report.	Journal of AYUSH 2015; 4(1) ISSN-2320-0251
13.	Dr. Sarvesh Kumar Singh Lecturer Rajoria K. Scholar	Ayurvedic Approach in the Management of Spinal Cord Injury : A Case Study.	Ancient Science Life 2015
14.	Dr. Sarvesh Kumar Singh Lecturer Kumawat MK Scholar	To Evaluate the Efficacy of Dwipanchmooladi Yapan Basti in the Management of Amavata.	IAMJ 2015; 3(7) ISSN No.2320-5091
15.	Dr. Sarvesh Kumar Singh Lecturer Rajoria K. Scholar	Evaluation of Vardhaman Pippali, Kanchanar Guggulu and Lekhan Basti in the Management of Hypothyroidism.	Indian Journal of Traditional Knowledge 2015; 14(4)
16.	Dr. Sarvesh Kumar Singh Lecturer Rajoria K. Scholar	Ayurvedic Management of Life-Threatening Skin Emergency Erythoderma : A Case Study.	AYU 2015
17.	Dr. Sarvesh Kumar Singh Lecturer Kshpira Rajoria Preeti Swami Scholars	Ayurvedic Approach in Management of Dyslipidemia : A Case Study.	Journal of AYUSH 4(3) 2015

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

<b>Sl.No.</b>	<b>Name of Faculty Member</b>	<b>Details of Workshop/Seminar</b>	<b>Title of Research Paper Presented</b>
1.	Dr. Santosh Kumar Bhatted Associate Professor	National Seminar on Spinal Disorders organised by Govt. Ayurved College, Nanded in April 2015.	Stage Wise Administration of Panchakarma in Certain Degenerative Diseases of Spine.
2.	Dr. Santosh Kumar Bhatted Associate Professor	International Seminar on Wellness through Ayurveda held on 3-4 October 2015 at Rishikesh.	Pharmaceutico – Pharmacological Basis of Basti Karma.
3.	Dr. Santosh Kumar Bhatted Associate Professor	CME for Panchakarma Teachers organised on 29 October 2015 at Amrita School of Ayurveda, Kerala.	Procedural Intricacies of Virechana Karma.
4.	Dr. Santosh Kumar Bhatted Associate Professor	CME for Panchakarma Teachers organised on 29 October 2015 at Amrita School of Ayurveda, Kerala.	Effective Drugs and Formulations of Virechana Karma.
5.	Dr. Santosh Kumar Bhatted Associate Professor	International Conference organised by NIMS University on 11 Feb. 2016 at Jaipur.	Ayurvedic Approach in Certain Life Style Disorders.
6.	Dr. Santosh Kumar Bhatted Associate Professor	International Conference, Recent Advancement in Panchakarma – March 2016 Haridwar.	Stagewise Management of Hemiplegia and Rheumatoid Arthritis Through Panchakarma.
7.	Dr. Santosh Kumar Bhatted Associate Professor	Workshop on Samhita Based Clinical Practice organised by RAV at NIA, Jaipur in 2015.	A Case of Rheumatoid Arthritis.
8.	Dr. Sarvesh Kumar Singh Lecturer	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015): 11-13 September 2015, Kottayam, Kerala.	Ayurvedic Management for Spondyloepiphysial Dysplasia Tarda - A Case Study.
9.	Dr. Sarvesh Kumar Singh Lecturer	National Seminar on Recent Advances in Ayurvedic Management of Joint Disorder, held on 28-29 November 2015 in Govt. Ayurveda College Varanasi.	Importance of Panchakarma Therapies and Ayurvedic Management in Childhood Joint Diseases - A Case Study.
10.	Dr. Sarvesh Kumar Singh Lecturer	Globalized Ayurveda: Opportunities and Challenges in Next Decade, held on 17-19 March 2016 organized by Madan Mohan Malviya Govt. Ayurveda College, Udaipur(Rajasthan)	A Randomized Open Clinical Study on the Efficacy of Vaman Karma, Virechan Karma and Parisheka with Siddharthak Snanokta Dravya in the Management of Mandal Kustha w.s.r. to Psoriasis.
11.	Dr. Sarvesh Kumar Singh Lecturer	Workshop on Samhita Based Clinical Practices organised by Rashtriya Ayurved Vidyapeeth at NIA, Jaipur in 2015.	A Case of Vatarakta.

Apart from the above the following Paper were co-authored by Dr. Santosh Kumar Bhatted, Associate Professor and presented in various seminars/conference at different places of the country:

1. Management of Rheumatoid Arthritis (Amavata) based on Chikitsa Sutra – A Case Study: in National Seminar on Panchakarma at Gujarat Ayurved University, Jamnagar, July 2015.
2. To evaluate the efficacy of Lekhana Basti and Udvartana in the Management of Post Surgical Obesity : in National Seminar on Panchakarma at Gujarat Ayurved University, Jamnagar, July 2015.
3. Effect of Triphaladi Virechana Karma with Arjuna - Punarnavadi Ghanavati in the Management of Essential Hypertension in National Seminar on Panchakarma at Gujarat Ayurved University, Jamnagar, July 2015.
4. The Effect of Vamana Karma with Dhamargava Beeja Yoga followed by Lekhaneeya Ghana Vati in the Management of Medoroga w.s.r. to Dyslipidemia in National Seminar on Panchakarma at Gujarat Ayurved University, Jamnagar, July 2015.
5. Effect of Nasya Karma and Shirodhara in the Management of Insomnia (Anidra) – A Case Study, in National Seminar on Panchakarma at Gujarat Ayurved University, Jamnagar, July 2015.
6. To Assess the Efficacy of Virechana Karma in the Management of Stress induced Gastritis; ICHM 2015, 11-13 September 2015, Kerala.
7. Management of Asthivradhi by Basti karma in 2<sup>nd</sup> International Seminar / Workshop Wellness through Ayurveda, Rishikesh, 3-4 October 2015.
8. Combined Efficacy of Kati Basti, Patrapinda Sweda and Panchatikta Ksheera Basti in Gridhrasi; in 2<sup>nd</sup> International Seminar / Workshop Wellness through Ayurveda, Rishikesh, 3-4 October 2015.
9. Management of Post Menopausal Osteoporosis Through Ayurveda - A Clinical Study; International Seminar, Global Ayurveda Festival, 31 Jan. - 4 Feb., 2016, Kerala.
10. Effect of Amritadi Ghanvati in Post-Menopausal Osteoporosis; International Conference, Recent Advancement in Panchakarma, Haridwar, March 2016.
11. Ayurvedic Management of Tranverse Myelitis (A Case Study); International Conference, Recent Advancement in Panchakarma, Haridwar, March 2016.
12. Effect of Janu Basti, Erandmooladi Kala Basti, Upnaha Sveda in Severe Case of Osteo Arthritis – A Case Study; International Seminar, Globalized Ayurveda : Opportunities and Challenges in Next Decade, Udaipur, March 2016.
13. Multimodal Ayurvedic Management of Rheumatoid Arthritis – A Case Study; International Seminar, Globalized Ayurveda : Opportunities and Challenges in next decade, Udaipur, March 2016.
14. Role of Panchakarma and Samana Aushadhi in the Management of Motor Neuron Disease (Vata Vyadhi); International Seminar, Globalized Ayurveda : Opportunities and Challenges in Next Decade, Udaipur, March 2016.
15. Ayurvedic Management of Avascular Necrosis of Head of Femur(A Case Study); International Seminar, Globalized Ayurveda : Opportunities and Challenges in Next Decade, Udaipur, March 2016.
16. Role of Ayurvedic Management in Paralysis – A Case Study; International Seminar, Globalized Ayurveda : Opportunities and Challenges in Next Decade, Udaipur, March 2016.
17. Classical Ayurvedic Management of Lumbar Disc Protrusion - A Case Study in National Seminar on Panchakarma at Gujarat Ayurved University, Jamnagar, July 2015.

Following Papers were coauthored by Dr. Sarvesh Kumar Singh, Lecturer and presented in various Seminars/Conferences at different places of the country:

18. Comparative Efficacy of Triyodashanga Guggula and Panchatikta Ksheera Basti and Kati Basti with Dashmool Oil in the Management of Katishool w.s.r. to lumbar spondylosis.
19. Role of Panchakarma and Panchatikta Ghrita Guggulu in the Management of Sandhigata Vata.
20. Ayurvedic Management of Anidra w.s.r. to Isonomia - A Review.
21. Ayurvedic Management of Ghridhrasi w.s.r. to Sciatica - A Case Study.
22. Effect of Vaitaran Basti in Hyperlipidemia - A Case Study.



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

Sl.No.	Name of Faculty Member	Place
1.	Dr. Sarvesh Kumar Singh Lecturer	National Seminar organised by Vishwa Ayurveda Parishad - VAPCON-2015 held on 14-15 November, 2015 at Jaipur.
2.	Dr. Sarvesh Kumar Singh Lecturer	Mai Bhago Ayurvedic College and Hospital, Shri Muktasar Sahib on 20 January, 2016.

**Free Osteoporosis (BMD) Camp:**

A free Osteoporosis (BMD) Camp organised in the Department on 21-9-2015 in which free consultation and medicines were given to 161 patients. After 3 months later, on 14-12-2015 another free Osteoporosis (BMD) Camp organised on 14-12-2015 in which more than 140 persons took the benefit of free consultation, tests and medicines. Results of medicine on the patients were analyzed.

**Miscellaneous Activities:**

- (i) Teachers of the Department participated in the Mobile Medical Camps organised by the Institute in SC and ST inhabited various Districts of Rajasthan in which regular 6-Day Camps are organized, consultation and medicines are dispensed free of cost. The Institute also organized One-Day Camps in Jaipur and nearby areas.
- (ii) Dr. Vasudev Devnani, Hon'ble Minister for Higher Education, Government of Rajasthan visited the Department.
- (iii) Medical Services were provided in the Governor House of Rajasthan by the Teachers of the Department.
- (iv) Panchakarma Treatment made available to the VIPs which includes Hon'ble MP and IAS Officers.

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## 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 (Dysmenorrhea), 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, 1 Professor, 1 Associate Professor and 2 Assistant Professors with other supporting technical and non-technical staff were working 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. Khushbu Jain	Prof. Chandan Mal Jain Professor	Clinical Study of Kalyanaka Ghrit in Vandhyatva w.s.r to Ovarian Factor.
2.	Dr. Priyanka Sharma	Dr. Sushila Sharma Assoc. Professor	A Comparative Study of "Snuhi Kshara" and "Apamarg Kshara" in the Management of Karnini Yonivyapada w.s.r. to Cervical Erosion.
3.	Dr. Jolly Sharma	Dr. Sushila Sharma Assoc. Professor	Comparative Study of "Padmadi Lauha" Iron and Folic Acid Tablets in the Management of "Garbhini Pandu".
4.	Dr. Diksha Khaturia	Dr. B. Pushpalatha Assistant Professor	A Comparative and Clinical Study of Rajah-Pravritini-Vati and Treivrit sneha Anuwasana Basti on Kashtartava w.s.r. to Primary Dysmenorrhea.
5.	Dr. Vaibhav Khirondkar	Prof. Chandan Mal Jain Professor Dr. B. Pushpalatha Assistant Professor	A Clinical and Comparative Study of Efficacy of "Amalki churna" with "Madhu and Lodhra Vata Twak Kshaya" in the Management of Shwetapradara w.s.r. Leucorrhoea.
6.	Dr. Anita Rai	Prof. Chandan Mal Jain Professor Dr. Hetal H. Dave Assistant Professor	Role of "Drakshadi churna" and "Madhuk Anuwasana Basti" in the Management of Asrigdara.
7.	Dr. Snehal Kamble	Dr. Hetal H. Dave Assistant Professor	A Comparative Clinical Study of "Shatapushpa Churna" and "Tilshelukarvi kwath" in the Management of Artavkshaya.
8.	Dr. Neha Chansauria	Prof. Chandan Mal Jain Professor	A Comparative Clinical Study of "Apamarg Kshara" and "Kushthadi churna" along with

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		Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Assistant Professor	"Hayamaradi Taila Pichu" in the Management of Karnini Yonivyapada w.s.r to Cervical Erosion.
9.	Dr.Meenakshi Nagar	Prof. Chandan Mal Jain Professor Dr. Sushila Sharma Assoc. Professor Dr. Hetal H. Dave, Assistant Professor	A Clinical and Comparative Study of Efficacy of "Karanja Churna and "Karanj Tail Yoni Pichu" in the Management of Shwetapradara w.s.r to Leucorrhoea.
10.	Dr.Upasana Sharma	Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Assistant Professor Dr. Hetal H. Dave, Assistant Professor	A Randomised Controlled Clinical Trial of Vijyadi Vati on Kashtartava w.s.r. to Primary Dysmenorrhoea.
11.	Dr. Shital K. Chinchalkar	Dr. Sushila Sharma Assoc. Professor Dr. Hetal H. Dave, Assistant Professor	Clinical Study to Evaluate the Effect of "Phala Ghrith" Uttarvasti in Vandhyatwa w.s.r to Female Infertility.
12.	Dr. Sandeep Kaur	Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Assistant Professor	The Comparative Clinical Study of "Tilmuladi Kwath" and "Rajah-Pravartini Vati" on Artava Kshaya.
13.	Dr. Priyanka Kashyap	Dr. B. Pushpalatha Assistant Professor Dr. Hetal H. Dave Assistant Professor	Clinical Evaluation of Efficacy of "Madhura aushadha siddha taila Matra Vasti" and Yoni Pichu in Sukhprasava.
14.	Dr. Sonu Verma	Dr. Hetal H. Dave Assistant Professor Dr. B. Pushpalatha Assistant Professor	A Comparative Clinical Study of "Krishnadi Churna" and "Twagadi ksheerpaka" along with "Panchavalakala 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:

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Susheela Choudhary	Prof. Chandan Mal Jain Professor Dr. Sushila Sharma Assoc. 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	Prof. Chandan Mal Jain 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 Assistant 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 Assoc. Professor Dr. B.Pushpalatha, Assistant Professor	A Comparative Study of Madhukadi Lauham and Shatavari Mandur in the management of Garbhini Pandu.
6.	Dr. Pinky Chauhan	Dr. Sushila Sharma Assoc. Professor Dr. Hetal H. Dave	A Comparative Clinical Study of Kasisadi varti and Palashadi varti in the management of Pichchhila Yoni w.s.r. to

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		Assistant Professor	Abnormal Vaginal Discharge.
7.	Dr. Aditi Sonkar	Prof. Chandan Mal Jain Professor Dr. B. Pushpalatha Assistant 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, Dr. Hetal H. Dave, Assistant Professor co-supervised thesis work of Dr. Anju, a MD Scholar of Department of Swastha Vritta, titled a Controlled Clinical Study to evaluate the Efficacy of Aasanas and Pathya Aaharas in PCOS.

During the period under report, the following research works of MS(Ayurveda) Scholar were in progress for which they have submitted their synopsis:

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Heena Mevada	Prof. Chandan Mal Jain Professor Dr. Sushila Sharma Assoc. Professor	A comparative clinical study of Shatpushpa churna and Pippalyadi churna with Ashwagandha Ksheerpaka in Vandyatva w.s.r. to Female infertility
2.	Dr. Suresh Kumar	Dr. Sushila Sharma Assoc. Professor Dr. B.Pushpalatha, Assistant Professor	A comparative clinical study of Hingavadi churna and Rajahpravartini Vati on Kashtartava w.s.r to Primary Dysmenorrhoea
3.	Dr.Indresh Bhaskar	Dr. B.Pushpalatha, Assistant 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 Acharya Yonivyapad w.s.r. to Pruritus vulvae
5.	Dr. Rachana Paudel	Dr. Sushila Sharma Assoc. Professor Dr. Hetal H. Dave Assistant Professor	A comparative clinical study of Vasa Ghana and Kutakighana in the management of Asrigdara w.s.r. to Dysfunctional uterine bleeding
6.	Dr. Utpal Deb Barma	Prof. Chandan Mal Jain Professor Dr. B.Pushpalatha, Assistant 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	Prof. Chandan Mal Jain Professor Dr. Sushila Sharma Assoc. Professor	A comparative clinical study to evaluate the efficacy of Jyotishmatyadi Yoga and Madhutailika Basti on Nashtartava
8.	Dr. Archana Kushwaha (Panchakarma)	Dr. Hetal H. Dave Assistant Professor	A comparative clinical study on the role of Virechana and Uttarbasti along with Yogabasti in the management of Vandhyatva w.s.r. to female infertility
9.	Dr. Sucheta (Maulika Siddhanta)	Dr. Hetal H. Dave Assistant Professor	A survey study of diabetic patients w.s.r. to different types of Prameha according to their prognosis and management.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Varsha Singh	Dr. Sushila Sharma Associate Professor	Comparative Clinical Study of Shatavari Mandur and Saptamrit Lauha in Garbhini

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			Pandu w.s.r. to Iron Deficiency Anaemia in Pregnancy.
2.	Dr.Poonam Choudhary	Dr. Sushila Sharma Associate Professor	Comparative Study of Pathadi Kwatha and Kanchanaradi Kwatha in the Management of PCOD.
3.	Dr.Suresh kumar solanki	Dr. Sushila Sharma Associate 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
4.	Dr. G.M. Kavya	Dr. Sushila Sharma Associate Professor	A Comparative clinical study of vayasthapana gana and vidarikanda in rajonivriti avastha w.s.r to post menopausal syndrome
5.	Dr. Monika	Dr. Sushila Sharma Associate Professor	Fundamental and clinical study of apanavaigunya in udavartiniyonivyapad in the perview of apanam cha anulomyet.

### 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, Yoniprakshalan, Pichu, Anuvasan Basti, Pottali* etc. were performed on the patients suffering from Sagarbha, Garbhashaya Mukhghat 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 5054 Ayurvedic Karmas were performed:

Sl. No.	Disease/Name of Karma Performed	Anuvasan Basti	Pichu	Potali	Uttarbasti	Matra Basti	Basti	Yoni Prakshalan	Ksharakarma /LA
1.	Sagarbha	187	102	-	-	-	-	-	-
2.	Kashtartav	136	294	-	-	-	-	-	-
3.	Purvarajonivriti Vikar	-	561	-	-	40	-	-	-
4.	Vandhyatwa	-	268	-	-	-	760	-	-
5.	Garbhashaya Bhramsh	-	377	67	-	-	-	-	-
6.	Shwetapradar	-	401	-	-	-	-	148	-
7.	Karnini Yonivyapad	-	383	-	-	-	-	-	278
8.	Acharana	-	216	71	-	-	-	-	-
9.	Mutrakrich	-	-	-	94	-	-	-	-
10.	Shronishotha	-	83	47	-	-	-	-	-
11.	Sutika/Stholya	-	62	-	-	-	-	-	-
12.	Stanvidradhi/ Parkartika	-	-	-	-	-	59	-	-
13.	Asrigdar	-	-	-	-	-	196	-	-
Total :		323	2747	185	94	40	1015	148	278

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	64
2.	LSCS	30
3.	Hystrectomy	6
4.	EB	6
5.	Tubectomy	4
6.	Cu-T Insertion/ Removal	12

**Publication:**

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

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Sushila Sharma Associate Professor	Effect of Tridoshas in Our Day to Day Life in Context of Circadian Rhythm.	International Journal of Pharmaceutical Chemistry (IJPC) Volume I, Issue I August 2014
2.	Dr. Sushila Sharma Associate Professor	A Randomized Clinical Trial to Evaluate the Role of Jhingini in Shleshmaja Yonivyapad.	AYU Volume VIII, No. 3 July-Sep. 2014 ISSN 2321-0435
3.	Dr. Sushila Sharma Associate Professor	A Clinical Study to Evaluate Efficacy of Traivrita Sneha Anuvasana Basti on Kashtartava w.s.r. to Primary Dysmenorrhea.	IAMJ Volume 3, Issue 9 September, 2015 ISSN 2320-5091
4.	Dr. Sushila Sharma Associate Professor	Ayurvedic Approach to Understand the Role of Hyperandrogenism in PCOS along with Treatment Modality - A Review.	WJPPS Volume 4, Issue 10 2015 ISSN-2278-4357
5.	Dr. Sushila Sharma Associate Professor	Life Style Consequences in the Etiology of PCOS and Their Management.	WJPPS Volume 5, Issue 4 2016
6.	Dr. Sushila Sharma Associate Professor	A Scientific Approach to Prasavprakriya - An Ayurvedic View.	International Journal of Ayurveda and Pharma Research Volume 3, Issue 10 October 2014 ISSN 2322-0902
7.	Dr. Sushila Sharma Associate Professor	Clinical Study to Evaluate Effect of Brahmighrita in Vandhyatva w.s.r. to Female Infertility.	Wjprv Volume 4, Issue 10 2015 ISSN 2277-7105
8.	Dr. Sushila Sharma Associate Professor	Development and Validation of Assessment Tool for Asrigdara w.s.r. to Pittajaasrigdara.	World Journal of Pharmaceutical Research Volume 4, Issue 11 2015 ISSN 2277-7105
9.	Dr. Sushila Sharma Associate Professor	A Clinical Study to Evaluate Efficacy of Rajah Pravartini Vati on Kashtartava w.s.r. to Primary Dysmenorrhea.	World Journal of Pharmaceutical Research ISSN 2277-7105 Volume 4, Issue 9, 2015

10.	Dr. Sushila Sharma Associate Professor	A Clinical Study of Amalaki Churna with Madhu in Management of Shweta Pradara w.s.r. to Leucorrhoea.	World Journal of Pharmaceutical Research Volume 4, Issue 9, 2015 ISSN 2277-7105
11.	Dr. Sushila Sharma Associate Professor	Clinical Study to Evaluate the Effect of Bolbadha Rasa in Asrigdara.	IJRAP Jan-Feb. 2016
12.	Dr. Sushila Sharma Associate Professor	Effect of Brahmighrita Uttarbasti in Vandhyatva w.s.r. to Female Infertility.	Ayurveda Prakasha RIN Dec 2015 Volume 3
13.	Dr. Sushila Sharma Associate Professor	Sutika (Puerperium) : Role of Ayurveda.	Ayurveda Prakasha RIN Dec. 2015 Volume 3
14.	Dr. B.Pushpalatha Assistant Professor	Clinical Study of Evaluate Efficacy of Ashokarista, Aswagandhachurna & Pravalpishti in Management of Menopausal Syndrome.	Journal Of Ayurveda Vol. VIII-2, July 2015
15.	Dr. B.Pushpalatha Assistant Professor	A Clinical Study to Evaluate Efficacy of Rajah Pravartinivati on Kashtartava w.s.r to Primary Dysmenorrhoea.	World Journal of Pharmaceutical Research Vol. IV, September 2015.
16.	Dr. B.Pushpalatha Assistant Professor	A Clinical Study to Evaluate Efficacy of Trivrita Sneha Anuvasana Basti on Kashtartava w.s.r. to Primary Dysmenorrhoea.	International Ayurvedic Medicinal Journal Vol. III, September 2015
17.	Dr. B.Pushpalatha Assistant Professor	A Comparative Clinical Study of Amalakichurna with Madhu and Lodhra Vatatawak Kashaya Yoni Prakshalana in the Management of Shwetapradara w.s.r. to Leucorrhoea.	World Journal of Pharmaceutical Research Vol-IV, Issue 9 2015
18.	Dr. B.Pushpalatha Assistant Professor	Scientific Approach to Prasavaprakriya (Labour) - An Ayurvedic View.	International Journal of Ayurveda and Pharma Research Vol-3, Issue-10 October 2015
19.	Dr. B.Pushpalatha Assistant Professor	Clinical Study to Evaluate Effect of Brahmi Ghrita in Vandhyatva w.s.r. to Female Infertility.	World Journal of Pharmaceutical Research Vol. 4, Issue 10, 2015 ISSN 2277-7105
20.	Dr. B.Pushpalatha Assistant Professor	Case Study of Fallopian Tubal Block with Dhanvantaram Taila Uttaravasti and Yonipichu.	International Journal of Ayurveda and Pharma Vol. 3, Issue 12 December 2015
21.	Dr. Hetal H. Dave Assistant Professor	Development and Validation of Assessment Tool for Asrigdara w.s.r. to Pittaja Asrigdara.	World Journal of Pharmaceutical Research Volume 4, Issue 11, 2015 ISSN 2277-7105

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

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Sushila Sharma Associate Professor	Participated as Coordinator in Hindi Karyashala: Rajbhasha Hindi Ke Prasar Me Vyavharika Difficulties and Solutions organised by Maharav Shekhaji Ayurved Central Research Institute at Jaipur on 19-3-2016.
2.	Dr. Sushila Sharma Associate Professor	Participated in 3 <sup>rd</sup> Globle Ayurveda Festival Kerala held at Kozhikode on 31 January to 4 February 2016 and delivered a Keynote Lecture on Women Healthcare through Ayurveda.
3.	Dr. Sushila Sharma Associate Professor	Seminar on Maternal and Child Nutrition conducted by Department of Home Science, University of Rajasthan on 4 September 2015.
4.	Dr. Sushila Sharma Associate Professor	Seminar on Female Foeticide - A Challenge to Indian Society conducted by Law College, University of Rajasthan on 11 April 2015.



5.	Dr. Sushila Sharma Associate Professor	Neonatal Resuscitation Programme conducted by Indian Academy of Pediatrics at NIA, Jaipur on 12 August 2015.
6.	Dr. Sushila Sharma Associate Professor	Participated in the Workshop on Synopsis Development and Ethics in Research conducted by National Institute of Ayurveda, Jaipur on 27-28 January 2016.
7.	Dr. B.Pushpalatha Assistant Professor	Delivered a Lecture on ANC in a Program organised by Vishva Ayurveda Parishada on 14-6-2015.
8.	Dr. B.Pushpalatha Assistant Professor	Delivered a Lecturer on Management of Normal and Abnormal Labour for innernees in a Workshop held on 3-7-2015.
9.	Dr. B.Pushpalatha Assistant Professor	Participated in Neonatal Resuscitation Programme organised by Indian Academy of Pediatrics at NIA, Jaipur on 12 August 2015.
10.	Dr. B.Pushpalatha Assistant Professor	Participated in Workshop on Rubella Infection organised by Department of Prsauti and Striroga on 19 August 2015.
11.	Dr. B.Pushpalatha Assistant Professor	Seminar on Maternal and Child Nutrition conducted by Department of Home Science, University of Rajasthan on 4 September 2015.
12.	Dr. B.Pushpalatha Assistant Professor	National Symposium on Integration of Indian Medicine System into Modern Medicine.
13.	Dr. B.Pushpalatha Assistant Professor	Presented a paper on A Critical Analysis of Soumanasya Garbhadharanam Shreshtem at SDM College, Udupi on 24-2-2016.
14.	Dr. Hetal H. Dave Assistant Professor	Participated in 2 <sup>nd</sup> National Conference and Seminar – Recent Advances and Skill Development in Ayurveda - VAPCON 2016 organised by Vishva Ayurveda Parishad on 27-28 February 2016 and presented a paper titled Uterine fibroid- A Clinical Study.
15.	Dr. Hetal H. Dave Assistant Professor	Participated in Ayurveda Vyaktitva Vikasand Bhavishya Nirmana Camp held by Vishva Ayurveda Parishada at Saraswatibalika School, Jaipur on 13-6-2015 and delivered a lecture on Shreyasi Praja.
16.	Dr. Hetal H. Dave Assistant Professor	Participated as Jury Member in National Seminar on Art and Science of Garbha Samskara and Infertility organised by Gujarat Ayurved University at Jamnagar on 19 April 2015.
17.	Dr. Hetal H. Dave Assistant Professor	Workshop on Cancer organised by by Central Council Reasearch Ayurveda & Siddha, Jaipur on 4 February 2016 and delivered a Keynote Lecture on Ayurvedic Treatment, Prevention and Awareness of Cancer.
18.	Dr. Hetal H. Dave Assistant Professor	Participated as Co-ordinator in the Workshop on Synopsis Development and Ethics in Research conducted by National Institute of Ayurveda, Jaipur on 27-28 January 2016.
19.	Dr. Hetal H. Dave Assistant Professor	Participated in Neonatal Resuscitation Program organised by Indian Academy of Pediatrics, on 12 August 2015.
20.	Dr. Hetal H. Dave Assistant Professor	Participated as Coordinator in Hindi Karyashala: Rajbhasha Hindi Ke Prasar Me Vyavharika Difficulties and Solutions organised by Maharav Shekhaji Ayurved Central Research Institute at Jaipur on 19-3-2016.
21.	Dr. Hetal H. Dave Assistant Professor	Participated in a Workshop organised by the Department on 19-8-2015.

**Extension Lectures:** The Department organized 10 Extension Lectures by Dr. Suman Jain, MS(Gynaecology and Obstetrics) Jaipur on the following topics for improving to clinical knowledge of students and scholars:

Sl.No.	Date	Title of Extension Lecture
1.	15/04/15	Post Partum Hemorrhage
2.	13/05/15	Pregnancy with Gestational Diabetes
3.	17/06/15	Amenorrhea
4.	22/07/15	PCOD
5.	19/08/15	Abnormal Uterine Bleeding
6.	16/09/15	Genital Malignancy
7.	14/10/15	Normal Labour
8.	18/11/15	Pregnancy with Hypertension
9.	15/04/15	Post Partum Hemorrhage
10.	13/05/15	Pregnancy with Gestational Diabetes

**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.	Vandhyatwa	1-4-2015
2.	Swetapradar	6-4-2015
3.	Kashtartava	6-4-2015
4.	Karnini	7-4-2015
5.	Garbhinipandu	7-4-2015
6.	Role of Drakshadichurna and Madhukaanuvasanabasti in Management of Asrigdara.	8-4-2015
7.	The Comparative Clinical Study of Shatapuspachurna and Tilshelukarvikwath on Aartavakshaya.	8-4-2015
8.	Physiological Changes during Pregnancy.	4-5-2015
9.	Routine Investigations during Pregnancy.	11-5-2015
10.	Congenital malformation of Female Genital Tract.	19-5-2015
11.	Normal Labour	25-5-2015
12.	Prakrit Prasava	1-6-2015
13.	Mechanism of Labour	8-6-2015
14.	Amenorrhoea	15-6-2015
15.	Pre-operative Care	23-6-2015
16.	Obstetrical and Gynaecological History Taking	24-6-2015
17.	Ectopic Pregnancy	29-6-2015
18.	Dilatation and Curettage	7-7-2015
19.	Post-operative Care	8-7-2015
20.	Sutika Roga	10-7-2015
21.	Anti Partumhaemorrhage	14-7-2015
22.	Instruments used in Obstetrical and Gynaecology.	15-7-2015
23.	PPH	21-7-2015
24.	Investigation in Gynecology.	22-7-2015
25.	Biopsy in Gynecology	27-7-2015
26.	Abortion	24-8-2015
27.	Gestational Trophoblastic Disease.	13-10-2015
28.	Multiple Pregnancy	20-10-2015
29.	Normal Puerperium	27-10-2015
30.	IUGR	7-11-2015
31.	Rajonivriti	19-1-2016
32.	ANC	25-1-2016
33.	Women Health	28-1-2016
34.	Normal Puerperium	1-2-2016
35.	Pelvis	8-2-2016
36.	Acomparative Clinical Study of Tilmuladikwath & Raja Pravartinivati on Aartavakshaya	29-3-2016
37.	A Comparative Clinical Study of Krishnadi Churna and Twagadi Ksheerpaka along with Panchvalkaladi Tail Pichu in Paripluta Yonivyapad.	30-3-2016

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

<b>Sl.No.</b>	<b>Author</b>	<b>Co-Author</b>	<b>Details of Workshop/Seminar</b>	<b>Paper Title Presented</b>
1.	Dr. Varsha Singh Scholar	Dr. Sushila Sharma Assoc. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Management of Infertility in Ayurveda Perspective : A Single Case Report.
2.	Dr. Varsha Singh Scholar	Dr. Sushila Sharma Assoc. Professor	International Conference on Recent Innovations in Ayurvedic Sciences and Technology held on 24-25 October, 2015 at Institute of Medical Sciences, Banaras Hindu University, Varanasi.	A Comparative Study to Evaluate the Anti-Inflammatory Effect of Punarnavadi Guggulu and Panchavalkaladi Kwath Uttarbasti with Panchavalkaladi Taila Pichu in Paripluta Yonivyapad.
3.	Dr. Varsha Singh Scholar	Dr. Sushila Sharma Assoc. Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Comparative Efficacy of Saptamrita Lauha and Dhatri Lauha in the Management of Garbhini Pandu.
4.	Dr. Varsha Singh Scholar	Dr. Sushila Sharma Assoc. Professor	GAU, Jamnagar 11-31 Jan 2016	Basic Level Work Shop on Manuscriptology and Palaeography.
5.	Dr. Poonam Chaudhary Scholar	Dr. Sushila Sharma Assoc. Professor	National Conference on Reproductive health challenges, Jaipur 11-13 sept. 2015	Poster : Role of Ayurvedic Regimen in the Efficacious Management of PCOS.
6.	Dr. Suresh Kumar Solanki Scholar	Dr. Sushila Sharma Assoc. Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Clinical Study to Evaluate the Effect of Brahmi Ghrit Uttar Basti and Oral Therapy in Management of Vandhyatwa.
7.	Dr. Suresh Kumar Solanki Scholar	Dr. Sushila Sharma Assoc. Professor	GAU, Jamnagar 11-01-2016 to 31-01-2016	Workshop on National Mission for Manuscripts.
8.	Dr. G.M.Kavya Scholar	Dr. Sushila Sharma Assoc. Professor	Gujrat Nadiad(Int. Conference on disorders of Trimarma 1-2 sept.2015	Poster : Clinical Study of Vasti Marmaghata Chikitsa in Phalini Yonivyapad

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9.	Dr. G.M.Kavya Scholar	Dr. Sushila Sharma Assoc. Professor	National Conference on Reproductive health challenges, Jaipur 11-13 sept. 2015	Poster : Productive Reproductive Life Through Ayurveda.
10.	Dr. G.M.Kavya Scholar	Dr. Sushila Sharma Assoc. Professor	Haridwar 5-6 <sup>th</sup> march 2016	Panchakarma Chikitsa in Postmenopausal Cystocele.
11.	Dr. Neha Chansauriya Scholar	Dr. C.M.Jain Professor Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Asstt. Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Management of Karnini Yonivyapad by Kshara Karma- A Comparative Clinical Study.
12.	Dr. Meenakshi Nagar Scholar	Dr. C.M. Jain Professor Dr. Sushila Sharma Assoc. Prof. Dr. Hetal H. Dave Asstt. Prof. Dr. Durgesh Nandini	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	A Comparative Study of Punarnavadi Guggulu and Panchawalkaladi Kwatha Uttarabasti with Panchawalkaladi Taila Pichu in the Management of Paripluta Yonivyapada with special reference to Pelvic Inflammatory Disease.
13.	Dr. Meenakshi Nagar Scholar	Dr. Sushila Sharma Assoc. Professor Dr. Hetal H. Dave Asstt. Professor	National Conference on Reproductive health challenges, Jaipur 11-13 sept. 2015	Poster presented on Asrigdara.
14.	Dr. Upasana Sharma Scholar	Dr. Sushila Sharma Assoc. Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Ayurveda Management of Infertility w.s.r. to Ovarian factor - A Case Report.
15.	Dr. Shital Chinchalkar Scholar	Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Asstt. Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	To Evaluate the Efficacy of Sheetakalyanak Ghrita in the Management of Vandhyatwa - A Clinical Study.
16.	Dr. Sandeep Kaur Scholar	Dr. Sushila Sharma Assoc. Professor Dr. Hetal H. Dave Asstt. Professor Dr. Durgesh Nandini	National Conference on Reproductive health challenges, Jaipur 11-13 sept. 2015	Poster on Paripluta Yonivyapad.
17.	Dr. Priyanka Kashyap Scholar	Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Asstt. Professor Dr. Hetal H. Dave Asstt. Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Effect of Dhanwantaram Taila Uttarvasti on Tubal Blockage.

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18.	Dr. Sonu Scholar	Dr. Sushila Sharma Assoc. Professor Dr. Hetal H. Dave Asstt. Professor Dr. B. Pushpalatha Asstt. Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Rajaswala Paricharya in Asrigdara (DUB) - A Case Study
19.	Dr. Sonu Scholar	Dr. Sushila Sharma Assoc. Professor Dr. Hetal H. Dave Asstt. Professor Dr. B. Pushpalatha Asstt. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	The Efficacy of Nasya Karma in Curing the Polycystic Ovary Syndrome : A Conceptual Study.
20.	Dr. Susheela Scholar	Dr. Sushila Sharma Assoc. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	To Evaluate Efficacy of Bolbadha Ras and boladi Churna in the Management of Asrigdar.
21.	Dr. Sunita Verma Scholar	Dr. C.M Jain Professor Dr. Hetal H. Dave Asstt. Professor Dr. Mamta Rani	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	A Clinical Study on the Role of Menosol Compound in the Menopausal Syndrome.
22.	Dr. Sonika Scholar	Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Asstt. Professor Dr. Meenakshi Pal	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Clinical Evaluation of the Effect of Anuvāsana Basti Pichu and Sukhprasavakar Yoga in Advance Pregnancy on the Progress of Labour.
23.	Dr. Deepika Baranwal Scholar	Dr. Hetal H. Dave Asstt. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Female Infertility - A Case Study.
24.	Dr. Deepika Baranwal Scholar	Dr. Hetal H. Dave Asstt. Professor	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016.	Effect of Bala Taila Matra Basti in the Female Infertility.
25.	Dr. Pinky Chauhan	Dr. Sushila Sharma Assoc. Professor Dr. Hetal H. Dave Asstt. Professor Dr. Ketan	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	A Clinical Study of Sheetakalyanak Ghrita in the Management of Vandhyatava.
26.	Dr. Heena Mewada Scholar	Dr. C.M. Jain Professor	International Seminar on Globalized Ayurveda :	Clinical study to Evaluate the

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		Dr. Sushila Sharma Assoc. Professor Dr. Suresh Solanki	Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Effect of Brahmi Ghrit Uttar Basti and Oral Therapy in Management of Vandhyatwa.
27.	Dr. Suresh Kumar Scholar	Dr. Sushila Sharma Assoc. Professor Dr. B.Pushpalatha Asstt. Professor Dr.Upasana Sharma	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Ayurvedic Managment of Infertility w.s.r. to Ovarian Vactor - A Case Study.
28.	Dr. Indresh Bhasker Scholar	Dr. Sushila Sharma Assoc. Professor Dr. B.Pushpalatha Asstt. Professor Dr. Pushpa Rai	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Clinical Evaluation of Efficacy of Kutajghan Vati and Yonikandahar Malhar in the Management of Acharana Yonivyapada w.s.r. to Pruritis Valvae.
29.	Dr. Swati Alha Scholar	Dr. Hetal Dave Asstt. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Cervical Factor in Infertility - A Case Study.
30.	Dr. Rachana Poudel Scholar	Dr. Sushila Sharma Assoc. Professor Dr. Hetal Dave Asstt. Professor Dr. Pragya Gupta	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	A Comparative Clinical Study in the Management of Karnini Yonivyapad w.s.r. to Cervical Erosion.
31.	Dr.Utpal Deb Barma Scholar	Dr. C.M.Jain Professor Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Asstt. Professor Dr. Hetal Dave Asstt. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Ayurveda Management in Infertility – A Case Study.
32.	Dr.Seema Pandey Scholar	Dr.C.M. Jain Professor Dr. Sushila Sharma Asstt. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Fresh Herbs of Chattisgarh - Ray of Hope for Ayurveda in Next Decades.
33.	Dr. Deepak Rahangdale (Maulika Siddhanta) Scholar	Dr. Hetal H. Dave Asstt. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on	Treatment Modalities in Seasonal Non-Communicable Chronic Disorders w.s.r.

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			17-19 March 2016.	to Tamak Shvasa.
34.	Dr. Deepak Rahangdale(Maulika Siddhanta) Scholar	Dr. Hetal H. Dave Asstt. Professor	VAPNC 2016 Kaushalam	Studies on Hospital Management on the Light of Samhita Granthas w.s.r. to Charaka Samhita.
35.	Dr. Sucheta (Maulika Siddhanta) Scholar	Dr. Hetal H. Dave Asstt. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	A Clinical Study of Prameha in special reference to Rajadosha.
36.	Dr. Satvir (Maulika Siddhanta) Scholar	Dr. Hetal H. Dave Asstt. Professor	International Seminar on Globalized Ayurveda : Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Role of Diet according to Prakriti as Preventive Measure .

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

Sl. No.	Name of Teachers	Activities
1.	Dr. Sushila Sharma Associate Professor	<ol style="list-style-type: none"> <li>1. Conducted as External Examiner M.S. Final Year Practical Exam at Rajive Gandhi Govt. Ayurvedic College, Paprola on 12-13 October 2015.</li> <li>2. Conducted PG 1st Year Examination as External Examiner at IPGTR&amp;RA, Gujarat Ayurved University, Jamnagar on 15-16 July 2015.</li> <li>3. Participated as Co-Chair Person of a Scientific Session of 3rd Global Ayurveda Festival, Kerala held on 31 January 2016 to 11 February 2015.</li> <li>4. Attended at Program as Guest Speaker organised by Law College, University of Rajasthan on 11 April 2015.</li> <li>5. Attended a Mobile Clinical Camp organised by the Institute at Salasar Balaji on 23-8-2015.</li> </ol>
2.	Dr. B. Pushpalatha Assistant Professor	<ol style="list-style-type: none"> <li>1. Conducted BAMS Practical Exam as External Examiner at Tibbia College, Delhi on 15 May 2015.</li> <li>2. Conducted as External Examiner M.S. Final Year Practical Exam at Rajive Gandhi Govt. Ayurvedic College, Paprola on 12-13 October 2015.</li> <li>3. Conducted BAMS Practical Exam as External Examiner at Banaras Hindu University, Banaras on 30-31 December 2015.</li> <li>4. Participated as Resource Person in a Seminar on Infertility organised by SDM Ayurveda College, Udupi on 14 Feb. 2016.</li> <li>5. Attended a Mobile Clinical Camp organised by the Institute at Jaisinghnagar on 19-11-2015.</li> <li>6. Participated in Arogya Mela organised by the Ministry of AYUSH at Banaras Hindu University, Varanasi on 12-15 December 2015.</li> </ol>



3.	Dr. Hetal H. Dave Assistant Professor	<ol style="list-style-type: none"><li>1. Conducted PG 1st Year Examination as External Examiner at IPGTR&amp;RA, Gujarat Ayurved University, Jamnagar on 15-16 July 2015.</li><li>2. Conducted BAMS Examinations at Jyoti Ayurveda College, Jodhpuriya, Sirsa on 13 March 2016.</li><li>3. Acted as Hostel Warden for Girls Hostel.</li><li>4. Acted as Member of Anti-Ragging Committee of the Institute.</li><li>5. Acted as Member of Teaching Modules Develop Committee.</li><li>6. Attended a Mobile Clinical Camps organised by the Institute at Makarana and Beawar on 17-18 January 2016, respectively.</li></ol>
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**Honour:**

1. Dr. Hetal H. Dave, Assistant Professor received an honoured for his unique effort for developing a unique Book on "Swaprayatna Sadhya Arogya Marg" in Braille Script on the occasion of National Seminar on Art and Science of Garbhsamskar - Garbhvigyan and Infertility at IPGT&RA, GAU, Jamnagar on 19 April 2015.

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## 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, 1 Professor, 2 Associate Professors 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, 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, Aristha, 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.

**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, Aristha, Avaleha, Arka, Lauha, Mandoor, Bhasma, Kuppipakvakalpana, Guggulu, Lavana, Kshar, Sneha Kalpana, Kanji preparations*, etc. has been conducted in the Departmental Laboratory.

**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.

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. Pramod Kr. Patel	Prof. K Shankar Rao Professor Assistant Professor	A Comparative Study on Vanga Bhasma w.s.r. to Various Shodhana Process.
2.	Dr. Puja Sansare	Prof. K Shankar Rao Professor	Pharmaceutico-Analytical Study of Brahmarasayana w.s.r. to Classical & Modified Methods.

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3.	Dr. Varsha Mundra	Prof. K Shankar Rao Professor	Pharmaceutico-Analytical Study of Agastya Haritaki Rasayana prepared by Various methods.
4.	Dr. Dolly Suman	Dr. V Nageshwar Rao Associate Professor	Pharmaceutico-Analytical & Anti Microbial Study of Gandhaka Pushpa (A Folklore Ayurvedic Medicine).
5.	Dr. Basant Kr. Sharma	Dr. V Nageshwar Rao Associate Professor Dr. Moharpal Meena Assistant Professor	Pharmaceutico-Analytical & Anti Microbial Study of Vetala Rasa.
6.	Dr. Kavita Jain	Dr. Rajendra Prasad Sharma Asstt. Professor	Pharmaceutico-Analytical Study of Chitraka Haritaki prepared by different methods
7.	Dr. Jayant Kumar	Dr. Sanjay Kumar Asstt. Professor	A Comparative Pharmaceutico-Analytical Study of Shankha, Shukti and Kapardika Bhasma Prepared by Classical and Contemporary Methods.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Prerna Vaish	Prof. K Shankar Rao Professor	Standardization of Chyavanprash w.s.r. to its Nutrient Value and Rasayana.
2.	Dr. Amitabh Mazoomdaar	Prof. K Shankar Rao Professor	Study on Lavangadi Vati (Pharmaceutical Analytical & Antimicrobial).
3.	Dr. Harpreet Kaur	Dr.V Nageshwar Rao Associate Professor	Pharmaceutico Analytical Study of Arjunarishta w.s.r. to different fermentative agents.
4.	Dr. Priyanka Sharma	Dr.V. Nageshwar Rao Assoc. Professor Mr. Naveen Garg	Pharmaceutico Analytical Study of Jatyadi Ghrita & Jatyadi Ker Taila w.s.r. to their Antimicrobial Activity.
5.	Dr. Rajni	Dr P Suresh Assoc. Professor Dr Ekta Menghani Dr Rajesh Sharma	Pharmaceutical Analytical and Experimental Study w.s.r. Antipyretic, Antimicrobial potential of Amritarishta.
6.	Dr. Pankaj Sharma	Dr P Suresh Assoc. Professor	Pharmaceutico Analytical and Pharmacokinetic Studies of some Loha Preparations.
7.	Dr. M.V.R. Wijayanthimala	Dr. Sanjay Kumar Asstt. Professor Dr. Sarvesh Kumar Singh, Lecturer	Pharmaceutico - Clinical Study of the Gandhak Rasayana & Jivantyadi yamak in the Management of Ekakushta w.s.r. to Psoriasis
8.	Dr. Mukesh Chaudhary	Dr. R.P.Sharma Asstt. Professor Dr. Moharpal Meena Assistant Professor	Pharmaceutico Analytical and Antimicrobial Study of Rasonadi Vati.
9.	Dr. Sangeeta Pareek	Dr. Moharpal Meena Assistant Professor	Pharmaceutico Analytical and Clinical Study of Kushmand Khand w.s.r. to Amlapitta.

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. Parween Bano	Prof. K Shankar Rao Professor	Pharmaceutico-Analytical, Anti-Microbial & Anti Pyretic study of Sheetamsu Rasa and its Modified Methods
2.	Dr. Kamal Rathor	Prof. K Shankar Rao	Physico-Chemical and Antimicrobial Study of

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		Professor	Rasasindura prepared by various Bhavan Dravyas.
3.	Dr. Amit Sharma	Dr.V. Nageshwar Rao Associate Professor	Pharmaceutico Analytical and Antimicrobial Study of Panchamrita Rasa
4.	Dr. Ritesh Ramnani	Dr. V. Nageshwar Rao Associate Profesor	Pharmaceutico Analytical and Antimicrobial study of Rasapushpadi Malhar and its Clinical effect on Vicharchika.
5.	Dr. Swetha S. Paul	Dr. P. Suresh Associate Professor	Comparative Pharmaceutical, Analytical and Experimental Evaluation of some Arka Preparations.
6.	Dr. Wilson Rajoria	Dr. P. Suresh Associate Professor	Pharmaceutico - Analytical and Clinical Study of Swasankusha Rasa.
7.	Dr. Lakhan Singh Bhilala	Dr. R. P. Sharma Assistant 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 Ph.D. Scholars submitted their synopsis and continued their research works:

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

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Sakhita K.S.	Prof. K Shankar Rao Professor Prof. B.S .Prasad	Pharmaceutico Analytical, Anti Microbial and Experimental Evaluation of some Arsenic Preparations in Ayurveda.
2.	Dr. Ramakant Vyas	Dr. P. Suresh Associate Professor	Rasendra Chintamani Ka Samalochanatmakn Adhyayan.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Sandeep Kushwaha	Prof. L.K.Dwivedi (Retd.)	Pharmaceutical and analytical study of Pindasav with its Standardization.
2.	Dr. Rohitashwa Yadav	Prof. K. Shankar Rao Professor	Pharmaceutico-analytical Study on Dhatri Arista w.s.r.to its various preparations.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Manish Agrawal	Dr. P. Suresh Associate Professor	Pharmaceutical Analytical and Shelf Life of Varnya Lepa.
2.	Dr.Amita Jhunjunuwala	Prof. L.K.Dwivedi (Retd.)	Pharmaceutico Clinical Evaluation of Panchatikta Guggulu Ghrita w.sr to Uterine Leomyoma.
3.	Dr. Urmila Waxar	Prof. L.K.Dwivedi (Retd.)	Evaluation of Lohabhasma on Mutrakrichchra w.s.r. to role of Gokshurakwatha Bhavana and Puta.

#### **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:**

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. K. Shankar Rao Professor	A Comparative Analytical Study of Heerak Bhasma.	IJLTEMAS
2.	Dr. K. Shankar Rao Professor	Preparation and Physicochemical Evaluation of a Herbomineral Compound – Mehakulanthaka Rasa.	JPSI 5:1 ISSN 2277 4572
3.	Dr. K. Shankar Rao Professor	Modern Instrumentation Techniques in the Characterization of Bhasma - A Review.	IJAPC Vol. 4, Issue 2 E ISSN-2350 0204
4.	Dr. K. Shankar Rao Professor	An Experimental Appraisal of the Safety and Efficacy of an Ayurvedic Herbomineral Compound – Mehakulanthak Rasa.	WJPC Vol. 5, Issue 3 ISSN 2277 7105
5.	Dr. K. Shankar Rao Professor	Pharmaceutical and Analytical Study of Vangabhasma w.s.r to Shodhana Procedures.	Anveshana Ayurveda Medical Journal - 1
6.	Dr. K. Shankar Rao Professor	Standardization of Vangabhasma Prepared by Different Shodhana Process with reference to Ancient and Modern Parameters.	IJSSIR Vol. 4 : 6 ISSN 2277 3630
7.	Dr. K. Shankar Rao Professor	Nano Science and Rasoushadhi.	Abstract Book National Seminar on Rasoushadhi Nagpur
8.	Dr. V. Nageshwara Rao Assoc. Professor	Antimicrobial Study of Vetala Rasa.	Anveshana Ayuvedic Medical Journal Vol. 1-3, May-June 2015
9.	Dr.Nageshwara Rao Assoc. Professor	Pharmaceutical and Antimicrobial Study of Gandhakapushpa : A Folklore Medicine.	Anveshana Ayuvedic Medical Journal

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			Vol. 1-3, May-June 2015
10.	Dr. V. Nageshwara Rao Assoc. Professor	Importance of Various Upkalpana in Ayurvedic Therapeutics.	IAMJ
11.	Dr. V. Nageshwara Rao Assoc. Professor	Pharmaceutical and Analytical standradisation of Mahashankhavati	IJAPR Vol-3, Issue-9
12.	Dr. P. Suresh Assoc. Professor	Preparation and Physicochemical Evaluation of a Herbomineral Compound – Mehakulanthaka Rasa.	JPSI 5:1 ISSN 2277 4572
13.	Dr. P. Suresh Assoc. Professor	An Experimental Appraisal of the Safety and Efficacy of an Ayurvedic <sup>Herbomineral</sup> Compound – Mehakulanthak Rasa.	WJPC Vol. 5, Issue 3 ISSN 2277 7105
11.	Dr. Rajendra Prasad Sharma Asstt. Professor	Clinical evaluation of Shiva Guggul & Simhnad Guggul in the Management of Amavata.	Journal of Ayurveda Jan- Mar 2014, Vol- 8-1
12.	Dr. Rajendra Prasad Sharma Asstt. Professor	Analytical Study of Ganeshyagokta Hawan Samagri Bhasma.	Journal of Ayurveda Jan- Mar 2014, Vol- 8-3
13.	Dr. Rajendra Prasad Sharma Asstt. Professor	Fertility Study of Pushpadhanwa Rasa in Albino Rats.	Souvenir National Seminar & Workshop on Rasaushadhis Oct-2015.
14.	Dr. Rajendra Prasad Sharma Asstt. Professor	Clinical Study of Mahashankhavati w.s.r to its Effect on Amlapitta Parinamshool and Annadravashoola.	International Journal of Recent Trends in Science and Technology Vol. 16, Issue 2
15.	Dr. Rajendra Prasad Sharma Asstt. Professor	Pharmaceutical and Analytical Standradisation of Mahashankhavati.	IJAPR Vol-3, Issue 9
14.	Dr. Sanjay Kumar Lecturer Asstt. Prof.	Clinical evaluation of Shiva Guggul & Simhnad Guggul in the Management of Amavata.	Journal of Ayurveda Jan-Mar 2014 Vol. 8-1
15.	Dr. Sanjay Kumar Asstt. Professor	A Critical Learning of Rasa Prakash Sudhakar and it's Realistic Come Up.	Journal of Ayurveda April-June, 2014 Vol. 8-2
16.	Dr. Sanjay Kumar Asstt. Professor	Antimicrobial Study of Vetala Rasa.	Anveshana Ayuvedic Medical Journal Vol. 1-3 May-June 2015
17.	Dr. Sanjay Kumar Asstt. Professor	Precaution taken during Prescription of Rasaushadha (Herbo-Mineral Drugs).	International Journal of Ayurveda and Pharm Research July 2015 Vol. 3, Issue 7
18.	Dr. Sanjay Kumar Asstt. Professor	Pharmaceutico-analytical Study of Shankhabhasma Prepared by Classical and Contemporary Methods.	Anveshana Ayuvedic Medical Journal Vol. 1-4 July-Aug. 2015
19.	Dr. Sanjay Kumar Asstt. Professor	Design, Development and Evaluation of Antidiabetic Herbal Tablet.	ACTA Phatmacon Vol. 1, Issue 4 Oct.-Dec. 2015
20.	Dr. Sanjay Kumar Asstt. Professor	Critical Study of Anupana w.s.r. Mode of Action of Ayurvedic Drugs.	International Journal of Research in Ayurveda and Pharmaceutics Jan. -Feb 2015
21.	Dr. Mohar Pal Meena Assistant Professor	Clinical evaluation of Shiva Guggul & Simhnad Guggul in the Management of Amavata.	Journal of Ayurveda Jan. - March 2014 Vol- 8-1

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22.	Dr. Mohar Pal Meena Assistant Professor	Harmonal Assay of Virgharbhakaryog in Female Albino Rats.	Punarnava AyurvedeJournal Feb. -March 2015 Vol. 2, Issue 6
23.	Dr. Mohar Pal Meena Assistant Professor	Standardization of Vangabhasma w.s.r Ancient and Modern Parameters.	IJSSIR Vol. 4(6), June 2015
24.	Dr. Mohar Pal Meena Assistant Professor	Pharmaceutical and Analytical Study of Vangabhasma w.s.r various Shodhana Process.	Anveshana Ayuvedic Medical Journal Vol. 1-3 May-June 2015
25.	Dr. Mohar Pal Meena Assistant Professor	Antimicrobial Study of Vetala Rasa.	Anveshana Ayuvedic Medical Journal Vol. 1-3, May-June 2015
26.	Dr. Mohar Pal Meena Assistant Professor	Safety and Efficacy of Virgharbhakar Yog w.s.r its effect on Fertility.	Punarnava Ayurved Journal Jan-Feb 2016 Vol 4, Issue 1

### Publication:

#### (A) Books

1.	Prof. K. Shankar Rao, Professor, Co-authored, "Hiraka Bhasma (A Diamond Preparation) - In Carcinoma Pharmaceutical Standardization and Clinical Evaluation", published by Lambert Academic Publishing, Germany, ISBN: 978-3-659-19889-2.
2.	Prof. K. Shankar Rao, Co-authored, "Toxicity Study of Vangeshwar Rasa and Swarnavanga", published by Lambert Academic Publishing, Germany, ISBN: 978-3-659-52745-6.
3.	Dr. Moharpal Meena and Dr. Rajendra Prasad Sharma, Assistant Professors, jointly authored a book titled "Aushadha Yoga Sangraha" published by Ayurveda Sanskrit Pustaka Bhandar, Jaipur.

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

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Prof. K. Shankar Rao Professor	National Seminar on Parada Vijnana, organized by Gujarat Ayurved University, Jamnagar on 20-21st July 2014.
2.	Prof. K. Shankar Rao Professor	Workshop on Synopsis Development and Ethics in Research organised in January 2016 by NIA, Jaipur.
3.	Prof. K. Shankar Rao Professor	CME Program in Rasa Shastra & Bhaishajya Kalpana organised on 14-19 December 2015 by G.J.Patel Institute of Ayurvedic Studies & Research, Anand, Gujarat.
4.	Prof. K. Shankar Rao Professor	Indo-US Cancer Summit 2016 : 12th Indo Global Summit on Cancer Therapy, September 19-21, 2016, New Delhi.
5.	Prof. K. Shankar Rao Professor	International Conference on Paediatric Gastroenterology, Hepatobiliary Transplant and Nutrition; Controversies and Consensus - New Dimensions to Explore, held in Nims University, Jaipur, Rajasthan, India from 11-14, February 2016.
6.	Prof. K. Shankar Rao Professor	Hindi Karyashala of CCRAS - 2016.
7.	Prof. K. Shankar Rao Professor	Secretarial Training for Directors - 2016, organised by Institute of Training and Management, New Delhi.
8.	Dr.V.NageshwaraRao Assoc. Professor	Workshop on Synopsis Development and Ethics in Research organised in January 2016 by NIA, Jaipur.
9.	Dr.V.NageshwaraRao Assoc. Professor	Hindi Karyashala of CCRAS - 2016.
10.	Dr. P. Suresh Assoc. Professor	Workshop on Synopsis Development and Ethics in Research organised in January 2016 by NIA, Jaipur.
11.	Dr. P. Suresh Assoc. Professor	Delivered lecture as Resource Persons in CME Program in Rasa Shastra & Bhaishajya Kalpana organised on 14-19 December 2015 by



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		G.J.Patel Institute of Ayurvedic Studies & Research, Anand, Gujarat.
12.	Dr. P. Suresh Assoc. Professor	Hindi Karyashala of CCRAS - 2016.
13.	Dr. P. Suresh Assoc. Professor	Delieverd Guest Lecture in Conference on Scientific Validation of Traditional Knowledge held by IIT, Roorkee on 12-13 March 2016 .
14.	Dr. P. Suresh Assoc. Professor	Delivered Guest Lecture in a CME Program for Medical Officers organised by NIA, Jaipur.
15.	Dr. P. Suresh Assoc. Professor	Four Guest lecture – CME for medical officers, NIA Jaipur, Rajasthan
16.	Dr. Rajendra Prasad Sharma Assistant Professor	Paper presentation in National Seminar and Workshop on Rasoushadhi held at Nagpur in October 2015.
17.	Dr. Rajendra Prasad Sharma Assistant Professor	CME Program in Rasa Shastra & Bhaishajya Kalpana organised on 14-19 December 2015 by G.J.Patel Institute of Ayurvedic Studies & Research, Anand, Gujarat.
18.	Dr. Rajendra Prasad Sharma Assistant Professor	Paper presentation in International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
19.	Dr. Rajendra Prasad Sharma Assistant Professor	Delivered Guest Lecture on Vidyarthi Vyaktitwa Vikas Shivir organized by VAP, June 2015, Jaipur
20.	Dr. Sanjay Kumar Assistant Professor	Paper Presentation in National Seminar and Workshop on Rasoushadhi organised by Sri Ayurveda Mahavidyalaya, Nagpur on 9-10 October 2015.
21.	Dr. Sanjay Kumar Assistant Professor	Delivered Lecture in VAPCON- 2015, Jaipur, 14-15 Nov 2015
22.	Dr. Sanjay Kumar Assistant Professor	Participated in CME Program in Rasa Shastra & Bhaishajya Kalpana organised on 14-19 December 2015 by G.J.Patel Institute of Ayurvedic Studies & Research, Anand, Gujarat.
23.	Dr. Sanjay Kumar Assistant Professor	Workshop on Synopsis Development and Ethics in Research organised in January 2016 by NIA, Jaipur.
24.	Dr. Sanjay Kumar Assistant Professor	Participated in Training of Trainers (ToT) Program on “Policy Based IP Creation and Management” organised by by MHRD-IPR Chair, IIT Roorkee on 22-26 February, 2016.
25.	Dr. Sanjay Kumar Assistant Professor	Hindi Karyashala of CCRAS - 2016.
26.	Dr. Mohar Pal Meena Assistant Professor	Workshop-cum-Training Programme on HPTLC Practice and Application held at Jaipur in May 2015.
27.	Dr. Mohar Pal Meena Assistant Professor	Paper Presentation in National Seminar and Workshop on Rasoushadhi organised by Sri Ayurveda Mahavidyalaya, Nagpur on 9-10 October 2015.
28.	Dr. Mohar Pal Meena Assistant Professor	Workshop on Synopsis Development and Ethics in Research organised in January 2016 by NIA, Jaipur.
29.	Dr. Mohar Pal Meena Assistant Professor	Paper presentation in International Seminar on Globalized Ayurveda: Opportunities And Challenges In Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.

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.Ramakant Vyas	Participated in 20 days workshop in Basic level workshop on Manuscriptology& palaeography,Jamnagar.January 2016
2.	Dr. Sakhitha	Paper Presentation in National Seminar and Workshop on Rasoushadhi organised by Sri Ayurveda Mahavidyalaya, Nagpur on 9-10 October 2015.

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3.	Dr. Prerna Vaish	Paper presentation at National Seminar and workshop on rasoushadhi, Nagpur, October 2015.
4.	Dr. Rajni	Paper Presentation in National Seminar and Workshop on Rasoushadhi organised by Sri Ayurveda Mahavidyalaya, Nagpur on 9-10 October 2015.
5.	Dr. Harpreet	Paper Presentation in National Seminar and Workshop on Rasoushadhi organised by Sri Ayurveda Mahavidyalaya, Nagpur on 9-10 October 2015.
6.	Dr. Priyanka Sharma	Paper Presentation in National Seminar and Workshop on Rasoushadhi organised by Sri Ayurveda Mahavidyalaya, Nagpur on 9-10 October 2015.  Paper presentation GAF, Kerala, January 2016.
7.	Dr. Wyjayanthimala	Paper presentation KVG Ayurveda College, Karnataka, 2016, feb 2016 Paper presentation 4th ICAUST Seminar – Sri Lanka Paper presentation GAF, Kerala, January 2016
8.	Dr. Sangeeta Pareek	Paper Presentation in National Seminar and Workshop on Rasoushadhi organised by Sri Ayurveda Mahavidyalaya, Nagpur on 9-10 October 2015.  Paper presentation Global Ayurveda Festival, Kerala, January 2016.  Paper presentation at International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
9.	Dr. Mukesh Choudhary	Paper Presentation in National Seminar and Workshop on Rasoushadhi organised by Sri Ayurveda Mahavidyalaya, Nagpur on 9-10 October 2015.
10.	Dr. Parween Bano	Paper Presentation at International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
11.	Dr. Suparna Saha	Paper Presentation at International seminar centenary celebration of J.B.Roy State Ayurvedic Medical College 9-11 Feb., 2016.  Paper presentation in International Seminar on Globalized Ayurveda: Opportunities And Challenges In Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.  Participated in Conference on Scientific Validation of Traditional Knowledge held by IIT, Roorkee on 12-13 March 2016.
12.	Dr. Monika Swami	Paper presentation in International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
13.	Dr. Prasad Padekar	Paper Presentation at International seminar centenary celebration of J.B.Roy State Ayurvedic Medical College 9-11 FEB, 2016  Paper presentation in International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic

		College, Udaipur on 17-19 March 2016.  Participated in Conference on Scientific Validation of Traditional Knowledge held by IIT, Roorkee on 12-13 March 2016 .
14.	Dr. Amit Meena	Paper presentation in International Seminar on Globalized Ayurveda: Opportunities And Challenges In Next Decade organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
15.	Dr. Dhanraj Bairwa	Paper presentation in International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
16.	Dr. Om Prakash Panwar	Paper presentation in International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
17.	Dr. Dharmendra Sharma	Participated in Conference on Scientific Validation of Traditional Knowledge held by IIT, Roorkee on 12-13 March 2016 .
18.	Dr. Akanksha Dixit	Paper presentation in International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.
19.	Dr. Karunanidhi Sharma	Paper Presentation at International Seminar Centenary Celebration of J.B.Roy State Ayurvedic Medical College 9-11 February, 2016  Paper presentation in International Seminar on "Globalized Ayurveda: Opportunities And Challenges In Next Decade", organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.  Participated in Conference on Scientific Validation of Traditional Knowledge held by IIT, Roorkee on 12-13 March 2016 .

**Mobile Medical Camp Unit:** Dr.Rajendra Prasad Sharma, Assistant Professor of the Department is working as In-Charge of Mobile Medical Camp Unit of the Institute. The Institute is organizing Medical Camps to provide free medical facility through its Mobile Clinical Camp Unit in SC and ST inhabited areas of various Districts of Rajasthan. During the period under report, 48 Medical Camps (including 1 day, 2 days, 3 days, 5 days and 6 days camps) organized in 175 different Villages and Settlements of Districts of Rajasthan like Udaipur, Banswara, Dungarpur, Sirohi, Jalore, Barmer, Jaisalmer and Jaipur. 54,322 Patients were treated and free medicine costing Rs 98,26,210/- dispensed in these Camps.

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.

**AYUSH Arogyamela:** Dr. P. Suresh, Associate Professor working as a Incharge of Arogyamela of this Institute. Under his supervision NIA stall has been displayed in about 10 AYUSH Arogyamela at various places of India like Pune, Goa, Bengaluru, Ranchi, Jodhpur, Dehradun etc. for spreading public awareness about Ayurveda.

**Pharmacy:** One GMP pharmacy is attached with the Department catering the need of OPD/ IPD patients for free medicine and PG/ Ph.D Thesis drugs. Dr. V. Nageshwar Rao, Associate Professor is incharge of this Pharmacy. During the period under report, 169 formulations have been prepared in the Pharmacy (Total weight 38585.684 kg) costing Rs. 1,28,17,691/-.

**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. Worked as Director In-Charge of the Institute, from 1<sup>st</sup> July 2015 till date.</li> <li>2. Conducted CCIM Visitations of NIA.</li> <li>3. Conducted Hindi Raja Bhasha Samiti Meeting, Jaipur.</li> <li>4. Conducted Parliamentary Public Accounts Committee Meeting, Udaipur.</li> <li>5. Conducted CCIM Inspection, as Member of CCIM Team</li> <li>6. Worked as Chairman of Pharmacy of the Institute.</li> <li>7. Worked Chief Editor, Journal of Ayurveda</li> </ol>
2.	Dr. Nageshwar Rao Associate 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 for UG Students.</li> <li>3. Member of Technical committee for purchasing of equipments for Dept and Pharmacy.</li> </ol>
3.	Dr. P Suresh Assoc. 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. Member of purchasing committee.</li> </ol>
4.	Dr. Rajendra Prasad Sharma Asstt. 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 six -day Mobile Medical camp</li> </ol>
5.	Dr. Sanjay Kumar Asstt. 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 UG 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 Camp at Pokhran and Sirohi districts of Rajasthan.</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 Camp.</li> </ol>

- Hon'ble Secretary and Joint Secretary, Ministry of AYUSH, Govt. of India visited the Museum and Pharmacy during their visit of the Institute.
- The CCIM Visitation Team and University Team visited the Department for affiliation.
- Departmental Seminars organized in the Department on every Wednesday and discussing various topics in the light of scientific lines.
- Meetings of Departmental Journal's Club have been conducting in the Department every Saturday on various titles published in national and international Journals.
- 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 same department and Pharmacy.
- Set up of Animal house for research work is in process.

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## 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 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 Associate Professors, 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.

### 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
- X-ray & U.S.G.
- Microbiology

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.

During the year under Report, the following Scholars were awarded MD(Ayurveda) Degree for their research works:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Shilpa Gupta	Dr. Balkrishna Sevatkar Assistant Professor Dr. Reetu Sharma Assistant Professor	Operating Computer as a risk factor of Cervical Spondylosis- A survey based study & upshayatmaka trial of Dashmool taila Griva basti and nasya.
2.	Dr. Ashwathykutty.V	Dr. Pawan Kumar Godatwar Associate Professor	“Development and Validation of Assessment criteria for agni w.s.r to pandu and upshayatmaka trial with certain ayurvedic drugs.
3.	Dr. Hemant Kumar	Dr. Pawan Kumar Godatwar Associate Professor	An Aetiopathological study of ashmari (urinary calculus) & upashayatmaka trial to evaluate the Ashmarighna effect of svadanshtradi kwath & varunadi kwath.
4.	Dr. Gaurav Vaish	Dr. Pawan Kumar Godatwar Associate Professor	Development & validation of ayurvedic semenology with special reference to reto – dusti and randomised controlled upasayatmaka trial of some ayurvedic drugs on sperm function.
5.	Dr. Surya Prakash	Dr. Pawan Kumar Godatwar Associate Professor	Etiopathological study & randomised controlled upshayatmaka trial to evaluate shoolhara (analgesic) effect of certain ayurvedic drugs
6.	Dr. Arif Khan	Dr. Surendra Sharma Associate Professor	Etiopathological Survey Study Of Pranvaha Srotodushti W.S.R. To Vayudushti (Air Pollution) and Upashaytmaka Study Of Anu Tail.
7.	Dr. Jeuti Rani Das	Dr. Surendra Sharma Associate Professor	Etiopathological study of avabahuk with special reference to frozen shoulder and therapeutical trial with ayurvedic drugs as pur view of “Brimhanam yaccha tatsarvam prachastam”
8.	Dr. Manisha Talekar	Dr. Sisir Kumar Mandal Assistant Professor	Evaluation of viruddha ahara in the pathogenesis of kustha w. s. r. to vicharchika and its management in the purview of “viruddha ashanajan rogan pratihanti virechanam”

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Anita	Dr. B.K. Sevatkar Assistant Professor	Role of Dhatu kshaya in the pathogenesis of kshayaja kasa vis a vis chronic bronchitis and comperative trial of some indigenous drugs..
2.	Dr. Asish	Dr. Pawan Kumar Godatwar Associate Professor	“Experimental Study And Randomized Controlled Upaśayātmaka Trial To Evaluate Antimicrobial Activity Of Certain Ayurvedic Drugs w.s.r. To Mūtrakṛcchra (Urinary Tract Infection).”
3.	Dr. Sachin	Dr. Pawan Kumar Godatwar Associate Professor	Relation between social competence and obesity a nidanatmaka and upshayatmaka study
4.	Dr. Mukesh	Dr. S. K. Sharma Associate Professor	Antimicrobial study and Randomized Controlled Upaśayātmaka Trial of Jwarahara Mahakashaya in Aantrik Jwara (Typhoid).

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5.	Dr. Vidya	Dr. S. K. Sharma Associate Professor	An analytical study to develop ayurvedic diagnostic scale for depression and therapeutic trial of manoharshini kalpit yoga.
6.	Dr.Saroj Chaudhary	Dr. Pawan Kumar Godatwar Associate Professor	Clinical evaluation of the pathogenesis of shvitra.
7.	Dr.Sharda	Dr. Pawan Kumar Godatwar Associate Professor	Role of Vata in the Pathogenesis of Pain in the Patients of Amavata and Therapeutic Role of Vaitarana Basti And Vaishvanara Churna.
8.	Dr. Atul Jain	Dr. S. K. Mandal Assistant Professor	Role of Raktaja Krimi in the Pathogenesis of Kustha w.s.r. to Psoriasis.

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. Archana	Dr. Pawankumar Godatwar Associate 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. S. K. Sharma Associate 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. S. K. Sharma Associate Professor	Concept of Pathogenesis of Dhatvagni Vicar w.s.r to Hypothyroidism and Therapeutic Evaluation of Trikatu Choorna and Kanchanar Kwath.
4.	Dr. Manita	Dr. Reetu Sharma Lecturer	An Experimental Study to Evaluate Antimicrobial Activity of Dhoopan Karma.
5.	Dr. Brijendra Godara	Dr. Pawankumar Godatwar Associate Professor	Role of Ayurvedic Treatment Modalities In Mukhadushika w.s.r to Acne Vulgaris, a Randomized Controlled Upashayatmaka Study.
6.	Dr. Shriram Saini	Dr. B. K. Sevetkar Assistant 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. S. K. Mandal Assistant Professor	Etiopathological Study of Dadru Kustha w.s.r. to Mithya Ahara and Achara and its Management.
8.	Dr. Bilal	Prof. S. K. Khandel 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 MD(Ayurveda) Scholars were submitted synopsis for their research work:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Subhash Chandra	Dr.S.k.Mandal	A Clinical study on the role of Mulakadi Lepa and Gandhaka Malahar in the management of Sidhma & Dadru with special reference to fungal dermatophytes.
2.	Dr. Chetan Singh	Dr.S.K.Sharma	An Aetiopathological Study Of Darunak With Special Reference To Seborrheic Dermatitis And



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			Comparative Clinical Trial Of Triphaladi Taila And Gunja Taila
3.	Dr. Dharmendra Kumar	Dr. Pawankumar Godatwar	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. Jaiprabha garg	Dr.Reetu Sharma	Evaluation Of In-Vitro Antidermatophytic Activity Of Five Ayurvedic Drugs And Upshayatamaka Trial Of Dadrugana Lepa And Tuthadi Lepa In Dadru.
5.	Dr. Julee Mathur	Dr.B.K Sevetkar	An Epidemiological Study To Ascertain The Psychological Factors In Agnidusti W.S.R. To Grahani Dosha And Clinical Trial Of Chitrakadi Vati And Medhya Vati.
6.	Dr. Manraj Meena	Dr.S.K.Sharma	Epidemiological Study To Evaluate The Aetiological Factors In Aamvata With Special Reference To Rheumatoid Arthritis And Upshayatamaka Trial With Vatari Guggulu And Amritadi Churna-
7.	Dr. Ritisha Verma	Dr. Pawankumar Godatwar	Nidanatmaka, Prayogik And Upshayatamaka Studies To Evaluate The Efficacy Of Bilva Patra And Laghu Panchamoola.
8.	Dr. Shyamveer	Dr. Pawankumar Godatwar	A Nidanatmaka (Epidemiological) Study On Vyana Bala Vaishamya (Hypertension) And Upshayatamaka (RCT) Study To Evaluate The Efficacy Of Jatamansi Churna And Punarnava Churna.

During the year under Report, the following one research works of Ph.D.(Ayurveda) Scholar was in progress

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr.Prasant Deshmukh	Dr. Pawan Kumar Godatwar Associate 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.

Apart from above, 1 Scholar pursuing Ph.D. under supervision of Dr. Pawan Kumar Godatwar, Associate 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. Services of 1 Consultant Pathologist and 1 Consultant Radiologist were made available on part time basis. Faculty Members of the Department were also participated in the Mobile Clinical Camps organized in SC and ST inhabited areas. 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 3,33,662 Tests were conducted during the year:

1. Hematology	1,37,650
2. Routine & Microscopic examination of Urine	89,710
3. Biochemistry	76,915
4. Serology	21,226
5. X-Ray	3,886

7. E.C.G.	1,299
8. Stool	149
9. Sputum	167
10. Spirometry	117
11. Semen	125
12. Urine Culture	358

### 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) Chapters/Acknowledgements Contributed in Books

Sl.No.	Author's Name	Chapter	Book
1.	Dr. Pawan Kumar Godatwar Associate Professor	"Purvarupamindriyam" with Critical Commentary.	Charaka Samhita New Edition FHED Trust Orlando USA
2.	Dr. Pawan Kumar Godatwar Associate Professor	Yasyashyavanimittamindriyam (With Critical Commentary)	Charaka Samhita, New Edition, FHED Trust Orlando USA
3.	Dr. Pawan Kumar Godatwar Associate Professor	Vajikarana Adhyaya (Samyoga Sharamooliya, Asikti Kshirika, Mashaparnabhritiya and Pumana Jata Baladika) (With Critical Commentary)	Charaka Samhita, New Edition, FHED Trust Orlando USA
4.	Dr. Sisir Kumar Mandal Assistant Professor	Kustha Nidana (With Critical Commentary)	Charaka Samhita, New Edition, FHED Trust Orlando USA
5.	Dr. Sisir Kumar Mandal Assistant Professor	Annapanavidhi (With Critical Commentary)	Charaka Samhita, New Edition, FHED Trust Orlando USA
6.	Dr. B. K. Sevatkar Assistant Professor	Rajayakshmachikitsitam	Online Caraka Samhita New Edition Project by FHED India
7.	Dr. B. K. Sevatkar Assistant Professor	Vegavarodha (Reference Book)	Chaukhamba Vishwa Bharti, Varanasi ISBN No. 978-93-81301-75-3
8.	Dr. Ritu Sharma Lecturer	Trushnachikitsitam	Charaka Samhita, New Edition, FHED Trust Orlando USA
9.	Dr. Ritu Sharma Lecturer	Ashtodariyaaadhyaya	Charaka Samhita, New Edition, FHED Trust Orlando USA
10.	Dr. Ritu Sharma Lecturer	Purvarupiyaindriyam	Charaka Samhita, New Edition, FHED Trust Orlando USA

11.	Dr. Ritu Sharma Lecturer	Yashyashyanimmitindriya	Charaka Samhita, New Edition, FHED Trust Orlando USA
12.	Dr. Ritu Sharma Lecturer	Vajikaranadhyaya	Charaka Samhita, New Edition, FHED Trust Orlando USA

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

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Pawan Kumar Godatwar Associate Professor	Epidemiological Study of Junk Food Habit as a Risk Factor for Grahani Dosha	Journal of Ayurveda Physicians and Surgeons Volume 2, Issue (1): May 2015 (eISSN 2394-6350)
2.	Dr. Pawan Kumar Godatwar Associate Professor	Efficacy of Dashamula Taila and Shulahara Taila in Management of Sandhi-Vata	Journal of Ayurveda Physicians and Surgeons Volume 2, Issue 4 October, 2015 eISSN 2394-6350
3.	Dr. Pawan Kumar Godatwar Associate Professor	Epidemiological Study of Junk Food Habit as a Risk Factor for Grahani Dosha.	Journal of Ayurveda Physicians and Surgeons May 2015;2(1):20-23, (eISSN 2394-6350)
4.	Dr. Pawan Kumar Godatwar Associate Professor	Efficacy of Dashamula Taila and Shulahara Taila in Management of Sandhi-Vata.	Journal of Ayurveda Physicians and Surgeons Volume 2, Issue 4 October, 2015 (eISSN 2394-6350)
5.	Dr. Sisir Kumar Mandal Assistant Professor	A Case Discussion on Vicharchika (Eczema).	Journal of Ayurveda and Holistic Medicine Volume-3, Issue 3, 2015 eISSN:2321-1563
6.	Dr. Sisir Kumar Mandal Assistant Professor	Role of Viruddha Ahara in Kustha (Skin Disease): An Epidemiological Study.	International Journal of Ayurveda and Pharma Research May-June 2015
7.	Dr. Sisir Kumar Mandal Assistant Professor	Ayurvedic Approach Towards Modulating Factor of CAD (Coronary Artery Disease).	Journal of Ayurveda July-September 2015 ISSN 2321-0435
8.	Dr. Sisir Kumar Mandal Assistant Professor	Incidence of Sitapitta, Udarda and Kotha (Allergic Manifestation) in Context to Modern Dietary Habits.	International Ayurvedic Medical Journal Volume 3, Issue 11 November, 2015 ISSN: 23205091
9.	Dr. Sisir Kumar Mandal Assistant Professor	Driving is a Risk Factor of Gridhrasivata (Sciatica): An Etiopathological Study.	American Journal of Pharmacy and Health Research Volume 3, Issue 7 June 2015 ISSN:2321-3647
10.	Dr. Sisir Kumar Mandal Assistant Professor	Epidemiological Study of Dadru in Context to Unhygienic Diet and Regimen (Mithya Ahara and Vihara).	Ayurpharm - International Journal of Ayurveda and Allied Sciences Volume 4 2015

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11.	Dr. B. K. Sevatkar Assistant Professor	A Comparative Clinical Trial of Amalaki and Madhuyashti Choorna in Amlapitta.	International Research Journal of Pharmacy ISSN 2230 – 8407 Volume 6, Issue 3 March 2015.
12.	Dr. B. K. Sevatkar Assistant Professor	A Cross Sectional Survey Study to find out the Role of Avarana as a Diagnostic Tool in General Practice with special reference to Madhumeha.	International Journal of Advanced Ayurveda, Yoga, Unani, Siddha and Homeopathy ISSN: 2394-6547 2015; 2(2)
13.	Dr. B. K. Sevatkar Assistant Professor	A Scientific Approach to Incorporate the Fundamentals of Ayurveda in our Daily Routine.	International Journal of Advanced Ayurveda, Yoga, Unani, Siddha and Homeopathy ISSN: 2394-6547 2015; 2(2)
14.	Dr. B. K. Sevatkar Assistant Professor	An Etiopathological Study of Vyan Bala Vaishamya w.s.r. to Hypertension.	Journal of Ayurveda ISSN 2321-0435 Vol. IX January-March 2015
15.	Dr. Reetu Sharma Lecturer	Etiopathological Role of Viruddha Ahara in Diseases : A Review.	International Ayurvedic Medical Journal Volume 3, Issue 4 April- 2015
16.	Dr. Reetu Sharma Lecturer	Role of ViruddhaAhara in Kushtha (Skin Disease) - An Epidemiological Study.	International Journal of Research in Ayurveda and Pharmacy
17.	Dr. Reetu Sharma Lecturer	Critical Analysis of ViruddhaAhara (Incompatible Diet) in context to Vicharchika (Eczema): An Epidemiological Study.	Ayurpharm - International Journal of Ayurveda and Allied Sciences 2015;4(5):109-116
18.	Dr. Reetu Sharma Lecturer	Etiopathological Study of Mutrakricchra with special reference to Urinary Tract Infection : A Review.	Ayurpharm - International Journal of Ayurveda and Allied Sciences 2015;4(5):109-116.
19.	Dr. Reetu Sharma Lecturer	Epidemiological Study of Dadru in context to Unhygienic Diet and Regimen (MithyaAhara and Vihara).	Ayurpharm - International Journal of Ayurveda and Allied Sciences Vol. 4, No. 8 (2015)
20.	Dr. Reetu Sharma Lecturer	A Comparative study of the Efficacy of AyapatraPraliptaPippali and PlihariVati in Iron Deficiency Anemia.	Journal of Advanced Research in AYUSH, Vol. 2, No. 1, 2015
21.	Dr. Reetu Sharma Lecturer	A Scientific Approach to Incorporate the Fundamentals of Ayurveda in our Daily Routine.	Journal of Advanced Research in AYUSH, Vol. 2, No. 2, 2015
22.	Dr. Reetu Sharma Lecturer	Rasayana as a Public Health Tool in Communicable Diseases : A Review.	International Journal of Ayurvedic Medicine 2015, 6(1), 1-7.

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

Sl.No.	Name of Faculty Member and Scholar	Workshop/Seminar
1.	Dr. Pawan Kumar Godatwar Associate Professor	Participated, as Expert in Peer Review Meet organised at IPGT & RA, Jamnagar to finalize the drafts of Standard Ayurveda Treatment Protocols for Common Ailments and Non-Communicable Diseases for WHO, 31 March - 1 April, 2015.

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2.	Dr. Pawan Kumar Godatwar Associate Professor	Participated, as Expert in Peer Review Meet organised at IPGT&RA, Jamnagar to finalize the drafts of Standard Ayurveda Treatment Protocols for Common Ailments and Non-Communicable Diseases for WHO, 1-2 May, 2015.
3.	Dr. Pawan Kumar Godatwar Associate Professor	Participated as Expert in the 3 <sup>rd</sup> Working Group Meeting for Finalization of Prakriti Assessment Questionnaire, held by CCRAS, New Delhi on 11 – 12 May, 2015.
4.	Dr. Pawan Kumar Godatwar Associate Professor	Participated as Expert in the 4 <sup>th</sup> Working Group Meeting for Finalization of Prakriti Assessment Questionnaire, held by CCRAS, New Delhi on 31 Jul – 1 Aug, 2015.
5.	Dr. Pawan Kumar Godatwar Associate Professor	Participated as a resource person in the International Symposium on Inflammation and Health being organized by UCF College of Medicine, University of Central Florida, Orlando, Florida, USA from 15 <sup>th</sup> to 17 <sup>th</sup> October 2015.
6.	Dr. Pawan Kumar Godatwar Associate Professor	Participated as a resource person in the Conference on Charaka Samhita from 18 <sup>th</sup> to 21 <sup>st</sup> October 2015 and delivered a keynote address on "Introduction and review of Chikitsa Section of Charaka Samhita with special reference to Vājīkaraṇa adhyaya" on October 21, 2015 at 1300 Edgewater Drive, Orlando, Florida, USA by the FHED trust.
7.	Dr. Pawan Kumar Godatwar Associate Professor	Participated as expert in the 5 <sup>th</sup> working group meeting for Finalization of Prakriti Assessment Questionnaire, held at CCRAS on 4 February, 2016.
8.	Dr. Pawan Kumar Godatwar Associate Professor	Participated in Organizing Committee meeting of 7 <sup>th</sup> World Ayurveda Congress held at ICMR HQ, New Delhi on 16 February 2016.
9.	Dr. Pawan Kumar Godatwar Associate Professor	Participated in "Indo-US conclave on Cancer" held at PUSA, New Delhi on 3-4 March 2016.
10.	Dr. Pawan Kumar Godatwar Associate Professor	Participated as expert in the 6 <sup>th</sup> working group meeting for Finalization of Prakriti Assessment Questionnaire held by CCRAS on 28-29 March, 2016.
11.	Dr. Surendra Kumar Sharma Associate Professor	Participated as Trainee in Two day training Programme on Practical Demonstration of Samhita-based Ayurvedic Clinical Methods organised by Rashtriya Ayurved Vidyapeeth on 2-3 Sept., 2015 at Jaipur.
12.	Dr. Surendra Kumar Sharma Associate Professor	Participated in Pre Conference Workshop in 1 <sup>st</sup> International Conference on Advances in Asian Medicine held at Pune on 3 January 2016.
13.	Dr. Surendra Kumar Sharma Associate Professor	Paper Presentation in 1 <sup>st</sup> International Conference on Advances in Asian Medicine held at Pune on 4-7 Jan. 2016.
14.	Dr. Surendra Kumar Sharma Associate Professor	Participated in the Workshop on Synopsis Development and Ethics in Research at Jaipur on 27-28 Jan. 2016.
15.	Dr. Surendra Kumar Sharma Associate Professor	Participated as a in charge in Arogya Mela held at Ranchi on 10-17 February 2016 and Delivered a Lecture.
16.	Dr. Surendra Kumar Sharma Associate Professor	International Conference on Recent Advancements in Panchkarma 2016 organised by Uttarakhand Ayurved University, Rishikul Campus, Haridwar on 5-6 March 2016 and delivered a keynote lecture on Role of Investigation before performing Panchkarma.
17.	Dr. Surendra Kumar Sharma Associate Professor	Participated in Hindi Karyashala on Rajbhasha Hindi ke Prasar me Vyavharik Samsyaye evum Smadhan held in the campus of the Institute on 19 March 2016.
18.	Dr. Sisir Kumar Mandal Assistant Professor	Workshop on Synopsis Development and Ethics in Research organized by NIA.
19.	Dr. B. K. Sevatkar Assistant Professor	Delivered a key note lecture on diagnostic methods in CME Programme organised by Department of Ayurveda Government of Rajasthan in Feb 2016
20.	Dr. Ritu Sharma Lecturer	Workshop on Synopsis Development and Ethics in Research organized by NIA.

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21.	Dr. Ritu Sharma Lecturer	Karyashala on Hindi Shabdawali organized by NIA..
22.	Dr. Ritu Sharma Lecturer	Two-day Training Programme on Practical Demonstration of Samhita –Based Clinical Methods of Examination.
23.	Dr. Sisir Kumar Mandal Assistant Professor	Two-day Training Programme on Practical Demonstration of Samhita –Based Clinical Methods of Examination.

**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	Program
1.	Dr. Pawan Kumar Godatwar Associate Professor	Clinical application of concept of Shukra, veerya and Retas.	27-6-2015	A Program organised by Ayurvedapeetha, NBRI, CCRAS, Pune
2.	Dr. Pawan Kumar Godatwar Associate Professor	Scientific Writing Skills.	25-7-2015	A Workshop conducted by CCRAS, New Delhi.
3.	Dr. Pawan Kumar Godatwar Associate Professor	Scientific Writing Skills.	11-9-2015	A Workshop conducted by CCRAS, Kolkata.
4.	Dr. Pawan Kumar Godatwar Associate Professor	Introduction and Review of Chikitsa Section of Caraka Samhita with special reference to Vājīkaraṇa Adhyaya.	21-10-2015	A Program organised by the FHED Trust at 1300 Edgewater Drive, Orlando, Florida, USA.
5.	Dr. Pawan Kumar Godatwar Associate Professor	Role of Diet and Lifestyle in Disease Genesis.	1-12-2015	A Program organised at GJ Patel Institute of Ayurvedic studies and Research.
6.	Dr. Pawan Kumar Godatwar Associate Professor	Classification of Diseases	1-12-2015	A Program organised at GJ Patel Institute of Ayurvedic studies and Research.
7.	Dr. Pawan Kumar Godatwar Associate Professor	Research Methodology- Choosing a Research Topic.	21-1-2016	A Program conducted by IPGTRA, Jamnagar.
8.	Dr. Pawan Kumar Godatwar Associate Professor	Research Methodology.	22-1-2016	A Program conducted by IPGTRA, Jamnagar.
9.	Dr. Pawan Kumar Godatwar Associate Professor	Integration of Ayurveda with Conventional Medicine : Ayurvedic Perspective.	11-2-2016	A Program organised by NIMS, Jaipur
10.	Dr. Pawan Kumar Godatwar Associate Professor	Bio-Technology and Instrumentation for Ayurveda.	1-3-2016	A Program organised by Veermata Jijabai Technological Institute, Mumbai
7.	Dr. Sisir Kumar Mandal Assistant Professor	Assessment of the State of Aggravated Doshas through Physical and Bio-chemical Examination of Blood : A Diagnostic Approach.	21-22 March 2016	Seminar National Seminar on Caraka Samhita organised by Asiatic Society, Kolkata.

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## DEPARTMENT OF SHALAKYA TANTRA

**Introduction:** The Shalakya 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, Post Graduate and Ph.D. education with the aim of hand to hand training in examination, Technical training in diagnosis and management along with special emphasis on Ayurvedic treatment procedures like Kriya Kalpa, Nasya, Moordha taila, Eye Exercises, Basti etc along with surgical training in the concerned field. 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 2015-2016, 1 Associate 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 Shalakya 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 Shalakya Tantra subject was provided to PG Scholars. The PG Scholars are bifurcated into 2 batches as Netra with 7 Scholars and Shiro, Karna, Nasa and Mukha with 5 Scholars.

#### Research:

During the year under Report, the following research works of Ph.D.(Ayurveda) Scholars are being conducted in the Department.

Sl. No.	Scholar	Supervisor	Topic
1	Dr. Sakshi Kanaujia	Dr. Shamsa Fiaz Associate Professor	To Evaluate the Efficacy of Netrashani Rasa and Shigruvadi Pindi and Aschyotana in Kaphaja Adhimantha w.s.r. to POAG.
2.	Dr. Nikita Baghel	Dr. Shamsa Fiaz Associate Professor	Clinical Evaluation of the Role of Basti and Tarpana in the Management of Kaphaja Adhimanta w.s.r. to Primary Open Angle Glaucoma.
3.	Dr. Poonam	Dr. Shamsa Fiaz Associate Professor	Comparative Study to evaluate the efficacy of Tarpana and Basti Karma in Management of Age Related Macular Degeneration(Non Exudative) with special reference to Vataj Timira.
4.	Dr. Prathibha	Dr. Shamsa Fiaz Associate Professor	Ayurvedic Management of Retinal Hemorrhages with Vasakadi Basti and Ghana Vati.
5.	Dr. Vishwanath	Dr. Shamsa Fiaz Associate Professor	Comparative Study of Virechana Karma and Basti Karma in Pramehajanya Timir w.s.r. to Diabetic Macular Edema.

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

Sl. No.	Scholar	Supervisor	Topic
1.	Dr. Prashanth Kumar Sahoo	Dr. Shamsa Fiaz Associate Professor	Clinical Study on the Efficacy of Panchatikta Niruha Basti, Tiladi Nasya and Amrutadi Guggulu in the Management of Diabetic Retinopathy.
2.	Dr. P Narayanan	Dr. Shamsa Fiaz Associate Professor	Clinical Study on the Effect of Shatahvadi Dhoomapana with or without Pippali Rasayana in Peenasa w.s.r. to Chronic Simple Rhinitis.
3.	Dr. Mansi	Dr. Aparna Sharma Assistant Professor	A Clinical Study on the Efficacy of Ardhanareshwara Rasa Nasya and Nimbadi



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			Guggulu in the Management of Kaphaja Shiroporog w.s.r. to Sinusitis.
4.	Dr. Payal Sharma	Dr. Gulab Chand Pamnani Assistant Professor	A Clinical Evaluation on Efficacy of Mahavasadi Kwatha and Guduchyadi Anjana in the Management of Timira w.s.r. to Immature Senile Cataract.
5.	Dr. Kirti Akhand	Dr. Pankaj Kundal Assistant Professor	A Comparative Study on the Effect of Bilwadi Yoga Ashtotana and Haritaki Vidalaka in the Management of Vataja Abhishyanda w.s.r. to Simple Allergic Conjunctivitis.
6.	Dr. Reenu Meena	Dr. Prabhakar Lecturer	A Clinical Study on the Efficacy of Dashanga Haritaki and Tarpana in the Management of Timira w.s.r. to Myopia.

During the period under report, the following research works of M.D.(Ayurveda) Scholar were in progress for which they have submitted their synopsis:

Sl. No.	Scholar	Supervisor	Topic
1.	Dr. K. G. Surangi	Dr. Shamsa Fiaz Associate 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 Associate 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 Badhira with Dashamula taila and Trikatukadi Gutti w.s.r. to Sensorineural Hearing Loss (snhl) "
4.	Dr. 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. Pankaj Kundal Assistant 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 Lecturer	A Clinical Study to Evaluate the Efficacy of Shigru Pallava-Madhu Ashcyotana in Kaphaja Abhishyanda w.s.r. to Vernal Kerato Conjunctivitis

### Publication:

#### (A) Book :

Sl.No.	Author's Name	Title	Publication Details
1.	Dr Shamsa Fiaz Associate Professor	Concept of Glaucoma in Ayurveda and Modern Science.	Chaukhamba Sanskrit Series, Varanasi, 2015.

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

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Shamsa Fiaz Associate Professor	To Evaluate the efficacy of Grithakumari (Aloe vera Gel) in the Management of Sushkaakshipaka (Dry Eye Syndrome).	Journal of Pharmaceutical and Medicinal Research.
2.	Dr. Shamsa Fiaz Associate Professor	Standardization of Ayurvedic Herbal Eye Drops for Allergic Conjunctivitis.	International Journal of Advanced Research Vol. 3, Issue 10 Impact Factor - 2320-5407

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3.	Dr. Shamsa Fiaz Associate Professor	Concept of Preventive Ophthalmology in Ayurveda.	International Journal of Research in Ayurveda and Pharmacy. Impact factor 2014-0.235
4.	Dr. Shamsa Fiaz Associate Professor	Role of Basti Karma in Management of POAG – A Case Report.	STM Journal – A Journal of Ayurvedic Science Yoga and Naturopathy Volume 3, Issue 1(online) ISSN : 2395-6682
5.	Dr. Shamsa Fiaz Associate Professor	Concept of Drishti and its Clinical Significance in Ayurveda.	Journal of Biological & Scientific Opinion Vol-3(5), 2015
6.	Dr. Shamsa Fiaz Associate Professor	A Pilot Study on the Role of Shadanga Guggulu and Madhu shigru Āśyotana and Triphaladi Parisheka in the Management of Abhishyanda with Special Reference to Conjunctivitis.	Journal of Biological & Scientific Opinion Vol-3(6), 2015
7.	Dr. Shamsa Fiaz Associate Professor	Scope of Clinical Practice of ENT in Ayurveda.	Global Wellness Meet Souvenir Feb. 2016 Bengaluru
8.	Dr. Shamsa Fiaz Associate Professor	Understanding and Interpreting the Concept of Pratishyaya and Its Management.	Shalakya Manthana 2016 Souvenir
9.	Dr. Shamsa Fiaz Associate Professor Dr. Pankaj Dr. Shyam	A Clinical Study on the Effect of Laghutriphala Ghritam and Guduchyadya Anjanam in the Management of Timir w.s.r. to Myopia.	Journal of Ayurveda Vol. V111-2 April-June 2014
10.	Dr. Shamsa Fiaz Associate Professor Dr. Gulab Chand Pamnani Assistant Professor Dr. Divya Prakash	A Clinical Evaluation on the Effect of Dhatryadi Kwath and Gandharyadi Nasya in the Management of Ardhavbhedak w.s.r. to Migraine.	Journal of Ayurveda Vol.V111-2 April-June 2014
11.	Dr. Gulab Chand Pamnani Assistant Professor Dr. Payal Sharma	Meta Analysis of Various Ayurvedic Preparations in the Management of Pterygium.	Journal of Biological & Scientific Opinion Vol-3(6), 2015
12.	Dr. Prabhakar Vardhan Lecturer	Critical Ayurvedic Evaluation of Determinants of Deha Prakriti.	International Journal of Ayurveda Pharmaceutical Chemistry( IJAPC) Vol. 3, Issue3 November 2015
13.	Dr. Prabhakar Vardhan Lecturer	Concise Review of Apana Vaigunya and its Management by Anulomana.	World Journal of Pharmaceutical Research (WJPR) Vol. 5, Issue 3, March 2016 490-497

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

<b><u>Sl.No.</u></b>	<b><u>Name of Faculty Member</u></b>	<b><u>Details of Workshop/Seminar</u></b>
1.	Dr. Shamsa Fiaz Associate Professor	Invited as an Expert to demonstrate the updates in ENT Kriya Kalpa in 2 days Pre-Conference Workshop held at KLE, Belgaum on 25-29 November 2015.
2.	Dr. Shamsa Fiaz Associate Professor	Participated as Guest Speaker in 1 <sup>st</sup> International and 2 <sup>nd</sup> National Conference on Shalakya Manthana held at KLE, Belgaum on 28-29 November 2015 and delivered a keynote lecture on Understanding and

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		Interpreting the Concept of Pratishtaya and Its Management. She has also Chaired a Scientific Session of the Conference.
3.	Dr. Shamsa Fiaz Associate Professor	Invited as a Keynote Speaker at the Global Wellness Meet 2016, organized by Karnataka Practitioners Board, Bangalore and delivered a Keynote Lecture on 'Scope of ENT Practice in Ayurveda on 26 February, 2015. She also Chaired a Scientific Session on Ophthalmology of the Meet.

All the Faculty Members of the Department attended the Workshop on Research Methodology and Statistics and Workshop on Hindi Bhasa on 19 March 2016 organised by the Institute.

### (C) Paper Presented :

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar	Title of Research Paper Presented
1.	Dr. Shamsa Fiaz Associate Professor	International Conference on Ayurveda organised by The British Association of Ayurvedic Practitioners on 21 June 2014 at Wembley, London.	Ayurveda for the Health of Sense Organs.

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

P.G. Scholars were actively participated in the national and international seminars held on the different places in the country and following presented their research papers on a variety of topics:

Sl.No.	Scholar	Guide	Details of Workshop/Seminar	Paper Presented
1.	Dr. Sakshi	Dr. Shamsa Fiaz Associate Professor	International Conference on Trimarma held on 1-2 September 2015 at J.S. Ayurveda Mahavidyala and P.D. Patel Ayurveda Hospital, Nadiad, Gujarat.	Role of Topical Application of Shringveradi Eye drops in Netrabhishyana w.s.r. to Allergic Conjunctivitis.
2.	Dr. Sakshi	Dr. Shamsa Fiaz Associate Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Clinical Evaluation of Pathyadi Netra Bindu in the management of Kaphaja Netrabhishyanda w.s.r. to Allergic Conjunctivitis.
3.	Dr. Sakshi	Dr. Shamsa Fiaz Associate Professor	International Seminar on Wellness through Ayurveda held on 3-4 October 2015 at Rishikesh.	Role of Topical Application of Shigruaadi Eye drops in Netrabhishyana w.s.r. to A.C.
4.	Dr. Payal Sharma	Dr. Gulab Pamnani Assistant Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	An Ayurveda Approach in the management of Vernal Kerato Conjunctivitis : A case Study.
5.	Dr. Payal Sharma	Dr. Gulab Pamnani Assistant Professor	Paper presentation in International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Meta Analysis of Various Ayurvedic Preparations in the Management of Arma (Pterygium).
6.	Dr. Nirma	Dr. Prabhakar Lecturer	Paper presentation in International Seminar on	An Ayurvedic Approach in the Management of

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			Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Giant Papillary Conjunctivitis : Case Study.
7.	Dr.P. Narayanan	Dr. Shamsa Fiaz Associate Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	Influence of Planetary Position in the Diseases of Eye, Ear, Nose and Throat.
8.	Dr.P. Narayanan	Dr. Shamsa Fiaz Associate Professor	International Seminar on Shalakya Manthan – 2015 held in November 2015 at Belegaon.	Influence of Planetary Position in the Diseases of ENT.
9.	Dr. Mansi	Dr. Aparna Sharma Assistant Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.	An Ayurveda Approach in the Management of Bell's Palsy.
10.	Dr. Renu	Dr. Prabhakar Lecturer	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Efficacy of Tarpana and Internal Medication in Simple Myopia : A Case Study.
11.	Dr. Prashant	Dr. Shamsa Fiaz Associate Professor	International Seminar on Wellness through Ayurveda held on 3-4 October 2015 at Rishikesh.	Concept of Drishti in Ayurveda.
12.	Dr. Prashant	Dr. Shamsa Fiaz Associate Professor	National Seminar on Parada Vijnana, organized by Gujarat Ayurved University, Jamnagar on 20-21 July 2015.	Concept of Preventive Ophthalmology in Ayurveda.
13.	Dr Surangi K G	Dr. Shamsa Fiaz Associate Professor	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016.	Role of Shadanga Guggulu and Masdhu Shigru Ashyotana in the management of Abhishyanda with special reference to Conjunctivitis.
14.	Dr Surangi K G	Dr. Shamsa Fiaz Associate Professor	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016.	A Critical Review on Shadanga Guggulu in the Management of Eye Diseases.
15.	Dr Surangi K G	Dr. Shamsa Fiaz Associate Professor	Global Wellness Meet held on 12-14 February 2015 at Bangalore.	Ayurvedic Perspective of Eye Care and Nutrition.
16.	Dr Surangi K G	Dr. Shamsa Fiaz Associate Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on	Role of Akshi Tarpana in the Management of Eye Diseases.

			17-19 March 2016.	
17.	Dr.Indu Sharma	Dr. Shamsa Fiaz Associate Professor	Global Wellness Meet held on 12-14 Feburary 2015 at Bangalore.	An Ayurvedic Management of Attic Perforation – A Case Study.
18.	Dr.Indu Sharma	Dr. Shamsa Fiaz Associate Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	An Ayurvedic Management of Deviated Nasal Septum – A Case Study.
19.	Dr. Rakesh Bishnoi	Dr. Gulab Pamnani Assistant Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.	Management of Tinnitus : Role of Ayurveda.

**(E) Articles published by P.G. and Ph.D. Scholars:**

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Sakshi PG Scholar	Standardization of Ayurvedic Herbal Eye Drops for Allergic Conjunctivitis	International Journal of Advanced Research 2015 Volume 3, Issue 10 ISSN No. 2320-5407
2.	Dr. Sakshi PG Scholar	To Evaluate the Efficacy of Gritakumari (Aloe vera Gel) in the Management of Shushkashipaka (Dry Eye Syndrome).	International Journal Pharm. Med. Res. 2015; 3(6) ISSN No. 2347-7008
3.	Dr. Sakshi PG Scholar	Role of Basti Karma in Management of POAG – A Case Report.	STM Journal – A Journal of Ayurvedic Science Yoga and Naturopathy Volume 3, Issue 1(online) ISSN : 2395-6682
4.	Dr. Prashant Ph.D. Scholar	Concept of Preventive Ophthalmology in Ayurveda.	International journal of Research in Ayurveda & Pharmacy
5.	Dr. Prashant Ph.D. Scholar	Concept of Drishti and its Clinical Significance in Ayurveda.	Journal of Biological & Scientific opinion, Vol-3(5). 2015
6.	Dr. Prashant Ph.D. Scholar	Role of Basti Karma in Management of POAG – A Case Report.	STM Journal – A Journal of Ayurvedic Science Yoga and Naturopathy ISSN : 2395-6682 volume 3, Issue 1(online)
7.	Dr. Payal Sharma Ph.D. Scholar	Meta Analysis of Various Ayurvedic Preparations in Management of Pterygium.	Journal of Biological & Scientific Opinion Vol-3(6), 2015
8.	Dr. Surangi Ph.D. Scholar	A Pilot Study on the Role of Shadanga Guggulu and Madhu shigru Āśyotana and Triphaladi Parisheka in the Management of Abhishtyanda with Special Reference to Conjunctivitis.	Journal of Biological & Scientific Opinion Vol-3(5), 2015

9.	Dr. Surangi Ph.D. Scholar	Ayurveda and Modern Perspective of Eye Care and Nutrition.	Journal of Biological & Scientific Opinion Volume 4, Issue 2 March - April 2016
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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 its valuable services in diagnosis of Ophthalmic diseases adopting modern investigative tools like Refraction, Intra Ocular Pressure, Perimetry, Funduscopy, A scan, Keratometry and Slit Lamp Examination. The treatment is based on Ayurvedic principles and hence encouraging results have been found in diseases like Refractive errors, Cataract, Computer Vision Syndrome, Conjunctivitis, Allergic Conjunctivitis, Pterygium, Glaucoma and retinal disorders like ARMD, Diabetic Retinopathy, Hypertensive Retinopathy, Retinitis Pigmentosa 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 and Avagundana, Lekhana, Chakshushya Basti, Agni Karma etc. in various eye disorders like Diabetic Retinopathy, Glaucoma, Cataract, Macular Degeneration, Myopia etc. 11,545 Patients were examined and treated in Eye Unit of OPD.

**Eye Examination Unit:** This unit is well equipped with instruments like Autorefractometer, Perimeter, Lensometer, Slit lamp, Keratometer, A Scan, 90 D Lens and various diagnostic tests are done like Refraction, Tonometry, Perimetry etc. In this year a total number of 10217 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, Karnapurna, 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, Otalgia, Ear Wax, Otomycosis, Tonsillitis, Pharyngitis, Mouth Ulcers, SMF etc. to the patients. This year a total of 4661 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 5592 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, Karnapurna, Aural Toilet, Ear Syringing, Dhoomapana, etc are performed for the benefit of patients. In this year 7,089 patients were treated with various kriya kalpa procedures.

Procedure	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Nasya	151	158	88	106	255	441	282	215	76	208	270	201
Akshitarpana	24	36	15	44	44	56	83	39	71	89	107	84
Parisheka	41	82	67	44	128	228	133	136	63	66	110	96
Karnapichu	47	18	17	12	106	133	143	85	28	17	37	52
Dhumpana	6	0	0	0	0	0	0	0	29	26	29	27
Shirodhara	14	8	9	0	0	0	0	0	16	18	14	12
Pindi	0	11	15	7	0	0	0	0	21	12	19	18
Gandusha	2	0	0	0	0	0	0	0	56	112	139	152
Pratisarana	0	0	0	0	0	0	0	0	13	8	10	9
Others	42	14	8	14	328	284	289	178	100	23	35	52
<b>Total</b>	<b>326</b>	<b>327</b>	<b>219</b>	<b>267</b>	<b>861</b>	<b>1142</b>	<b>769</b>	<b>653</b>	<b>473</b>	<b>579</b>	<b>770</b>	<b>703</b>
<b>Grand Total</b>	<b>7089</b>											

**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 573 patients were trained in Eye exercise unit this year.

**Operation Theater:** The Shalakya OT is functioning very well with minimum 2 to 3 surgeries every week like Pterygium, Cataract, Chalazion excision etc for teaching and training of post graduate scholars. Total 34 surgeries were done this year among which 30 cataract surgeries, 1 pterygium excision, 1 squint surgery and 2 Labioplasty were done in OT.

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

Month	EYE	ENT	Dental	Refraction	Kriya Kalpa	OT	Eye Exercise
April	807	370	393	694	326	4	26
May	853	337	518	751	327	3	15
June	870	336	455	679	219	-	20
July	728	359	384	950	267	-	24
August	1037	389	401	805	861	-	82
September	1147	388	488	827	1142	-	92
October	940	413	568	756	769	-	81
November	793	319	435	689	653	-	87
December	1004	353	500	1600	473	6	45
January	955	402	430	882	579	2	19
February	1155	486	510	1067	770	9	63
March	1256	512	510	817	703	10	19
<b>Total</b>	<b>11545</b>	<b>4661</b>	<b>5592</b>	<b>10217</b>	<b>7089</b>	<b>34</b>	<b>573</b>
<b>Grand Total</b>	<b>39711</b>						

#### **Inauguration of Eye Laboratory:**

Prof. K. Shankar Rao, Director in the presence of faculty members and hospital staff inaugurated Eye Laboratory in the Shalakya OPD Wing of the Hospital on 10-2-2016 for standardization of Kriya Kalpa Procedures.

#### **Special Medical Camps:**

- 2-Day Camp on diabetic Retinopathy organised by the Department in January 2016 in Eye OPD in which 76 patients of Diabetes were treated.
- 1-Day Camp on ENT Disorders organised by the Department. in February 2016.
- 1-Day Camp on Diabetic Retinopathy organised by the Department on 10 February 2016 in ENT OPD.

#### **Award :**

- Dr. Shamsa Fiaz, Associate Professor has received Dr. Abdul Kalam Azad Award, 2016 for excellence in medical field by Kirdar Muslim Charitable Trust in December 2015.
- Dr. Shamsa Fiaz, Associate Professor has received Academic Excellence Award for excellence in the field of Ayurveda by Helping Hands Foundation.

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

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Shamsa Fiaz Associate Professor	1. Appointed as Vice-President of the Association of Shalaki (TAS), India which is an all India Association of Ophthalmology, Otorhinolaryngology and Dentistry.



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		<ol style="list-style-type: none"> <li>2. Appointed as Member of Board of Studies for Rajasthan Ayurved University, Jodhpur.</li> <li>3. Invited as Chief Guest in a Program organised by Helping Hands Foundation, Jaipur.</li> <li>4. Appointed as PG Examiner for IPGT&amp;RA as External Examiner for PG Course and evaluated the Ph.D. Thesis of IPGT&amp;RA, Jamnagar.</li> </ol>
2.	Dr. Gulab Chand Pamnani Assistant Professor	<ol style="list-style-type: none"> <li>1. Appointed as Subject Expert for Selection of Lecturer in Shalakaya Tantra at Ayurvedic College, Pilani, Rajasthan.</li> <li>2. Appointed University representative to conduct counseling at Rajasthan Unani Medical College, Jaipur for BUMS.</li> <li>3. Worked as In-Charge of Inspection for Ayurveda Nursing College, Kota and Center of Examination for Ayurved.</li> <li>4. Attended 6 Days Mobile Medical Camp organised in September 2015 at Jaisalmer.</li> </ol>
3.	Dr. Prabhar Vardhan Lecturer	<ol style="list-style-type: none"> <li>1. Attended 3 Day Mobile Medical Camp organised by the Institute on 2-4 September 2015 at District Jalore.</li> <li>2. Conducted a School Children Health Check Camp on 2 February 2016 at Jaipur Children's Academy, Jaipur.</li> </ol>

## DEPARTMENT OF SHALYA TANTRA

### Introduction:

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, Dadru, Vicharchika, Gridhrasi, Sandhivata, Kadara, Vatakantaka, Charmakeela, Apabahuka, Tennis Elbow etc. by Agnikarma, Raktamokshana, Marma Chikitsa and Shalya Karma therapies. The Department also provides treatment for chronic non healing ulcers, perihelal vascular disorders by Jalaukavacharana method. This Department also undertakes treatment of Bhagna, Asmari and other general surgical disorders.

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 (Sastra Karma, Kshara Karma, Kshara Sutra, Agnikarma & Raktamokshana Units) and Major Operation theatre. The Department imparts Under Graduate and 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.

The 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. Shalya OPDs in carried out camps on various 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, digital materials, 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, 1 Professor, 1 Associate Professor, 3 Assistant Professors with other supporting technical and non-technical staff were working in this department.

Presently 20 post graduate students and 6 Ph.D Scholars are studying in Shalya department on regular basis.

### Achievements

#### Academic:

**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. There is present excellent atmosphere for the students to learn the surgical procedures inside the operation Theatre.

**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. PG Scholars are provided with every possible method to see & learn the various surgical disorders & the operative procedures. Various PG Research works as approved by the institutional ethical committee are in progress following standard guidelines.

**C) Ph.D Level:** Teaching, training and guidance is being given to Ph.D. scholars on their subjects as per rules and directions of Dr S R Rajasthan Ayurved University Jodhpur. Ph.D. Scholars along with their involvement in OPD/academic curriculum are also provided with excellent opportunity to see & learn the various

surgical disorders & the operative procedures. Various Ph.D. Research works as approved by the institutional ethics committee are also in progress following standard guidelines.

**D) Diploma in AYUSH Nursing & Pharmacy :** Along with above mentioned activities Department is also providing quality education and practical nursing training for the DAN & P students. They are guided in OPDs, IPDs and OT according to guidelines provided by Dr.S.R.Rajasthan Ayurved University.

**Research:**

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

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Shikha Nayak	Dr. P. Hemantha Kumar Professor	Shodhana effect of Karviradi Rasakriya in DushtaVrana along with Antimicrobial Activity.
2.	Dr. B. Swapna	Dr. H. K. Khushwah Retd. Professor of NIA	A Comparative Clinical Study of Pile Suture Method and Ksharsutra in Internal Haemorrhoids With and Without Pranada Gutika.

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. Nimba Ram Choudhary	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.
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. J. P. Verma Associate Professor Dr. Swaraj Meharwal Consultant	A Comparative Clinical Study of Apamarga Pratisaraneeya Teekshana Kshara Karma and Thiersch's Procedure in the Management of Gudabhamsha 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. 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.
7.	Dr. Lokendra Pahadiya	Dr. B. Swapna Assistant Professor Dr. Swaraj Meharwal Consultant	A Randomized Controlled Study to Evaluate the Effect of Bhallatakadilepa in Charmakeela w.s.r. to Cutaneous Warts.
8.	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.
9.	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

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			Ardra Arsha (Internal Haemorrhoids).
10.	Dr. Atul Agarwal	Dr. J.P. Verma Associated Professor Dr. Narindar Singh Assistant Professor Mr.Gaurav Bilwal	An Experimental Study to Assess the Efficacy of Laksha Guggulu on Fracture Healing in Rabbit Model.
11.	Dr.Vinod Kumar Garg	Dr. J.P. Verma Associate 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.
12.	Dr. Rakesh Prasad	Dr. Ashok Kumar Assistant Professor Dr. Narindar Singh Assistant Professor	Evaluation of the efficacy of the Arkadi Gana Ointment And Lotion in Vrana. (An Experimental Study).
13.	Dr. Somdutta	Dr. Narindar Singh Assistant Professor	A study on the Efficacy of Brhatsimhanada Guggulu, Godanti, Rasamanikya with Maharasnadi Kasaya in Non-specific Knee Effusion vis-à-vis Janu Sandhi Shleshmadhara Kala Shoth.
14.	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.

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. Alok Kumar (Regular)	Dr. P. Hemantha Kumar Professor	A Clinical Study to Evaluate the Efficacy of Kadali, Argavadh and Palash Ksharasutra in the Management of Vataj, Pitaj and Kaphaj Bhagandar.
2.	Dr. Vineet Kumar Jain (Regular)	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).
3.	Dr. Rijju Aggarwal	Dr. H. K. Kushwaha Retd. Professor	Comparative Study of Shirorogas and Their Management in Ayurveda.
4.	Dr. Aditya kumar shil	Dr. P. Hemantha Kumar Professor	Title not allotted.
5.	Dr. Sabal Pratap Singh Jadon (Regular)	Dr. P.Hemantha Kumar Professor	Title not allotted.
6.	Dr. Harit (Regular)	Dr. P.Hemantha Kumar Professor	Title not allotted.
7.	Dr. Prashant Saini (Regular)	Dr. Ashok kumar Assistant Professor	Title not allotted.

**Clinical:** Clinical services were rendered to Indoor and Outdoor patients of the hospitals. During the reported period, various methods of treatment like Shalya Karma, Agnikarma, Jalaukavacharana and Kshara Karma were performed. The following 642 Operative Procedures and 19,021 Para-surgical procedures were conducted on the patients suffering from various ailments:

**OPERATIVE PROCEDURES**

<b>Sl. No.</b>	<b>Procedure</b>	<b>Number of Procedures</b>
1.	Cholecystectomy	9
2.	Inguinal Hernioplasty	30
3.	Paraumbilical Hernioplasty	1
4.	Scrotoplasty	1
5.	Appendectomy	4
6.	Hydrocele (Eversion of sac)	7
7.	Haemorrhoidectomy	14
8.	Plication of Internal Haemorrhoids	48
9.	Infra Red Coagulation of Internal Haemorrhoids	1
10.	Sclerotherapy of Internal Haemorrhoids	1
11.	Kshara Karma	20
12.	Anal Fistula (Ksharasutra Therapy)	276
13.	Fissure in ano (Sphincterotomy-Agnikarma)	79
14.	Excision of Pilonidal Sinus	22
15.	Rectal Polypectomy	4
16.	Incision & Drainage of Perianal Abscess	46
17.	Incision & Drainage of Breast Abscess	5
18.	Breast fibroadenoma (Lumpectomy)	4
19.	Circumcision	2
20.	Excision of Cyst	24
21.	Excision of Warts	28
22.	Excision of Lipoma	9
23.	Nail bed Excision	1
24.	Colle's fracture (Reduction)	1
25.	Lobuloplasty	5
<b>Total</b>		<b>642</b>

**PARA-SURGICAL PROCEDURES**

<b>Sl. No.</b>	<b>Para-Surgical Procedure</b>	<b>Number of Procedures</b>
1.	Kshara Karma	29
2.	Ksharasutra	217
3.	Agnikarma	624
4.	Jalaukavacharana	611
5.	Bandana Karma - Dressings	17,540
<b>Total</b>		<b>19,021</b>

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:

<b>Sl. No.</b>	<b>Name of Doctors</b>	<b>Place of Camps</b>	<b>Date</b>
1.	Dr. P. Hemantha Kumar Professor and Head	BMD Camp organized by Deptt. Of Shalya Tantra at NIA, Jaipur. Total 225 patients were scanned for the BMD assessment through QUS technique.	12-10-2015
		Two days Medical camp on Ano-Rectal Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	20-11-2015 and 21-11-2015
		One Week medical camp on Dushta-Vrana	16 -12-2015 to

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		or Chronic ulcers organized by Deptt. of Shalya-Tantra at NIA, Jaipur.	23-12-2015
		BMD Camp organized by Deptt. of Shalya-Tantra at NIA, Jaipur. Total 172 patients were scanned for the BMD assessment through QUS technique.	28-12-2015
		One Day Medical camp on Prostatic Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	20-3- 2015
2.	Dr. J.P.Verma Associated Professor	BMD Camp organized by Deptt. Of Shalya Tantra at NIA, Jaipur. Total 225 patients were scanned for the BMD assessment through QUS Technique.	12-10-2015
		Two days Medical camp on Ano-Rectal Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	20-11-2015 and 21-11-2015
		One Week medical camp on Dushta-Vrana or Chronic ulcers organized by Deptt. of Shalya-Tantra at NIA, Jaipur.	16 -12-2015 to 23-12-2015
		BMD Camp organized by Deptt. of Shalya-Tantra at NIA, Jaipur. Total 172 patients were scanned for the BMD assessment through QUS technique.	28-12-2015
		One Day Medical camp on Prostatic Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	20-3- 2015
3.	Dr. Ashok Kumar Assistant Professor	6 days medical camp As camp incharge for Medical camp organized for SC/ST/Economically Backward Population at Tehsil PippalKhunt Distt Pratapgarh, Rajasthan.	03-06-2015 to 08-06- 2015.
		BMD Camp organized by Deptt. Of Shalya Tantra at NIA, Jaipur. Total 225 patients were scanned for the BMD assessment through QUS technique.	12-10-2015
		Two days Medical camp on Ano-Rectal Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	20-11-2015 and 21-11-2015
		2 days medical camp in Jan Soochna Abhiyan at Kardhani, Jaipur, Rajasthan	27-11-2015 to 29-11-2015
		One Week medical camp on Dushta-Vrana or Chronic ulcers organized by Deptt. of Shalya-Tantra at NIA, Jaipur.	16 -12-2015 to 23-12-2015
		BMD Camp organized by Deptt. of Shalya-Tantra at NIA, Jaipur. Total 172 patients were scanned for the BMD assessment through QUS technique.	28-12-2015
		One Day Medical camp on Prostatic Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	20-3- 2015
4.	Dr. Narinder Singh Lecturer	6 days medical camp As camp incharge for Medical camp organized for SC/ST/Economically Backward Population at Tehsil Sadri Distt Pratapgarh, Rajasthan from	16-07-2015 to 21-07-2015
		BMD Camp organized by Deptt. Of Shalya Tantra at NIA, Jaipur. Total 225 patients were scanned for the BMD assessment through QUS technique.	12-10-2015
		Two days Medical camp on Ano-Rectal	20-11-2015 and

		Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	21-11-2015
		One Week medical camp on Dushta-Vrana or Chronic ulcers organized by Deptt. of Shalya-Tantra at NIA, Jaipur.	16 -12-2015 to 23-12-2015
		BMD Camp organized by Deptt. of Shalya-Tantra at NIA, Jaipur. Total 172 patients were scanned for the BMD assessment through QUS technique.	28-12-2015
		One Day Medical camp on Prostatic Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	20-3- 2015
		BMD Camp organized by Deptt. Of Shalya Tantra at NIA, Jaipur. Total 225 patients were scanned for the BMD assessment through QUS technique.	12-10-2015
5.	Dr. B. Swapna Assistant Professor	Two days Medical camp on Ano-Rectal Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	20-11-2015 and 21-11-2015
		One Week medical camp on Dushta-Vrana or Chronic ulcers organized by Deptt. of Shalya-Tantra at NIA, Jaipur.	16 -12-2015 to 23-12-2015
		BMD Camp organized by Deptt. of Shalya-Tantra at NIA, Jaipur. Total 172 patients were scanned for the BMD assessment through QUS technique.	28-12-2015
		One Day Medical camp on Prostatic Disorders organized by the Deptt. of Shalya Tantra at NIA, Jaipur.	20-3- 2015

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

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. P. Hemantha Kumar Professor	A Case Study On Low Anal Fistula With Application Of Pratisaraniya Kshara After Fistulotomy	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 Volume 4, Issue 7, 1561-1565 Case Study ISSN 2277- 7105
2.	Dr. P. Hemantha Kumar Professor	Effect of Kshara karma in the management of rectal prolapse - A case study.	Recent Advances on the Role of Basic Sciences in Ayurvedic Medicine, Mahima Research foundation and social welfare, Varanasi, Page no 160-162, 2014, ISBN - 978-81-92693538-3-8.
3.	Dr. P. Hemantha Kumar Professor	A Comparative Study Of Agnikarma And Therapeutic Ultrasound In The Management Of Avabahuka W.S.R To Frozen Shoulder	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 Volume 4, Issue 7, 1761-1769. Research Article ISSN 2277- 7105
4.	Dr. P. Hemantha Kumar Professor	Role Of Chedana Karma And Sandhana Karma With Oral Medications In Fournier's Gangrene - A Case Study.	Anveshana Ayurveda Medical Journal ISSN: 2395-4159 , AAMJ / Vol. 1 / Issue 3 114-118/ May - June 2015
5.	Dr. P. Hemantha Kumar Professor	The concept of antimicrobial activity in Ayurveda and effect of Arkadigana on gram negative Bacteria	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 1313-1323. ISSN 2277- 7105



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6.	Dr. P. Hemantha Kumar Professor	An Experimental Study To Assess The Effect Of Asthisamharadi Churna On Fracture Healing	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 1479-1489. ISSN 2277-7105
7.	Dr. P. Hemantha Kumar Professor	Antifungal Study Of Arkadi Gana On Candida Albicans	Anveshana Ayurveda Medical Journal, ISSN: 2395-4159AAMJ / Vol. 1 / Issue 3/165-169 / May – June 2015
8.	Dr. P. Hemantha Kumar Professor	An ayurvedic medicinal approach in the management of arsha w.s.r. To 1st and 2nd degree internal Haemorrhoids	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 2862-2871. ISSN 2277-7105
9.	Dr. P. Hemantha Kumar Professor	Effect of Pratisarniya kshara karma in the management of Rectal prolapse- A case study	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 2862-2871. ISSN 2277-7105
10.	Dr. P. Hemantha Kumar Professor	A Randomized clinical Trial on Wound Packing to evaluate the wound healing property of Jatyadi Taila followed incision & drainage of Vidaradhi WSR to Superficial Skin Abscesses	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Aug Issue 8, ISSN 2277-7105
11.	Dr. P. Hemantha Kumar Professor	Effect Of Aragvadhaadi Teekshna Pratisarneeya Kshara In the Management Of Abhyantara Arsha	Anveshana Ayurveda Medical Journal, ISSN: 2395-4159AAMJ / Vol. 1 / Issue 3/ 147-151 / May – June 2015
12.	Dr. P. Hemantha Kumar Professor	A Case Report On The Role Of Leech Therapy In Stasis Dermatitis	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 9, 963-967. ISSN 2277-7105
13.	Dr. P. Hemantha Kumar Professor	Effect of Yasti-madhu-grutha in the management of Agnidagdha vrana of Arsha as Post- operative management.	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 volume 4, issue 9 , page no. 2071-7079, ISSN 2277-7105
14.	Dr. P. Hemantha Kumar Professor	Role Of Sclerotherapy In Grade I & Grade II Haemorrhoids - A Comparative Study Of Phenol And Apamarg Kshar	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 volume 4, issue 9 2015, Pages1884-1891 Research Article ISSN 2277-7105
15.	Dr. P. Hemantha Kumar Professor	Effect Of Apamarg Kshar As A Sclerosant In The Management Of Grade I & Grade II Haemorrhoids	International Journal of Applied Ayurved Research ISSN: 2347-6362VOL II ISSUE II JUL-AUG 2015 Pages113-118
16.	Dr. P. Hemantha Kumar Professor	Role of Infrared Coagulation with Pathyadi Churna in the management of Ardra Arsha W.S.R. to Internal Haemorrhoids,	Anveshana Ayurveda Medical Journal, July-August 2015, Vol.1 (4), 283-287. (ISSN:2395-4159)
17.	Dr. P. Hemantha Kumar Professor	Clinical evaluation of Infrared coagulation in the management of Ardra Arsha w.s.r. to Internal Haemorrhoids – A pilot study	World Journal of Pharmaceutical Sciences, August, 2015; 3(9): 1862-1865, ISSN (Print): 2321-3310; ISSN

			(Online): 2321-3086
18.	Dr. P. Hemantha Kumar Professor	Clinical evaluation of Laksha guggulu and Mukta shukti pishti in the management of Osteopenia /Osteoporosis	World Journal of Pharmaceutical Research, September, 2015, Vol.4 (9), 1776-1784. ISSN 2277-7105
19.	Dr. P. Hemantha Kumar Professor	Effect of Laksha Guggulu and Mukta shukti pishti in the management of Osteopenia/Osteoporosis W.S.R to B.M.D and S.Calcium	World Journal of Pharmaceutical Research, September, 2015, Vol.4 (9), 1785-1793. ISSN 2277-7105
20.	Dr. P. Hemantha Kumar Professor	A Scientific appraisal on hirudotherapy – an evolution in life style disorders.	International Journal of Pharmacological Research, October 2015, Vol.5 (10), 217-221. ISSN:2277-3312
21.	Dr. P. Hemantha Kumar Professor	Wound Closure Techniques in Ayurveda: A Short Review	Journal of Medical science and clinical research. JMSCR Vol  3  Issue  10  Page 7951-7955  October. ISSN 2455-0450
22.	Dr. P. Hemantha Kumar Professor	Comparative study of efficacy of Jatyadi Ghrita Pichu and Yasthimadhu Ghrita Pichu in the management of Parikartika (Fissure-in-ano).	International Journal of Ayurveda and Pharma Research, February 2016, Vol.4 (10), ISSN:2322-0902 (Print), ISSN: 2322-0910 (Online)
23.	Dr. P. Hemantha Kumar Professor	Evaluate the efficacy of Pratisaraneeya Kshara in the management of Gudabhramsas (Rectal Prolapse)	Journal of Ayurveda.(ISSN NO-2321-0435) (Under Publication)
24.	Dr. P. Hemantha Kumar Professor	Comparative clinical study to evaluate the efficacy of Aragvadhadi Pratisaraneeya Kshara and IRC in the management of Abhyantara Arshas	Journal of Ayurveda.(ISSN NO-2321-0435) (Under Publication)
25.	Dr. P. Hemantha Kumar Professor	Randomized clinical trial on wound packing to evaluate the wound healing property of Jatyadi taila followed by Incision and Drainage of Vidradi with special reference to superficial skin abscess.	Journal of Ayurveda.(ISSN NO-2321-0435) (Under Publication)
26.	Dr. P. Hemantha Kumar Professor	A comparative clinical study on Patala Pratisaraneeya Kshara and Apamarga Pratisaraneeya Kshara in the management of Abhyantar Arshas	Journal of Ayurveda.(ISSN NO-2321-0435) (Under Publication)
27.	Dr. P. Hemantha Kumar Professor	Epidimio-Clinical study of Kanchanara Guggulu on Medoja-Arbuda With Special Reference to Lipoma	Journal of Ayurveda.(ISSN NO-2321-0435) (Under Publication)
28.	Dr. P. Hemantha Kumar Professor	Evaluation of Pranada Gutika and Paradadi Malhara in the Management of Fissure-in-ano.	Journal of Ayurveda.(ISSN NO-2321-0435) (Under Publication)
29.	Dr. P. Hemantha Kumar Professor	Comparative Study of Plantar Iontophoresis (An Innovative inclusion under Agnikarma) with Aqueous Solution of Guggulu Resin and 0.4% Dexamethasone in the Management of Padakantaka w.s.r. to Plantar Fasciitis.	Journal of Ayurveda.(ISSN NO-2321-0435) (Under Publication)
30.	Dr. P. Hemantha Kumar Professor	Shodhan effect of Karaviryadi Rasakriya in the management of Dustavrana along with antimicrobial activity	Journal of Ayurveda.(ISSN NO-2321-0435) (Under Publication)
31.	Dr. J. P. Verma Associate Professor	An Experimental Study To Assess The Effect Of Asthisamharadi Churna On	World Journal of Pharmaceutical Research SJIF

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		Fracture Healing	Impact Factor 5.990, Volume 4, Issue 8, 1479-1489. Research Article ISSN 2277- 7105
32.	Dr. J. P. Verma Associate Professor	"A Case Report On The Role Of Leech Therapy In Stasis Dermatitis"	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 9, 963-967. Case Report ISSN 2277- 7105
33.	Dr. J. P. Verma Associate Professor	Role Of Sclerotherapy In Grade I & Grade Ii Haemorrhoids - A Comparative Study Of Phenol And Apamarg Kshar	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 volume 4, issue 9 2015, Pages1884-1891 Research Article ISSN 2277- 7105
34.	Dr. J. P. Verma Associate Professor	Effect Of Apamarg Kshar As A Sclerosant In The Management Of Grade I & Grade Ii Haemorrhoids	International Journal of Applied Ayurved Research ISSN: 2347-6362VOL II ISSUE II JUL-AUG 2015 Pages113-118
35.	Dr. Ashok Kumar Assistant Professor	Review Of Para-Surgical Techniques In Ayurveda With Special Reference To Maggot Debridement Therapy	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990Volume 4, Issue 8, 597-604. Review Article ISSN 2277- 7105
36.	Dr. Ashok Kumar Assistant Professor	The concept of antimicrobial activity in Ayurveda and effect of Arkadigana on gram negative Bacteria	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 1313-1323. Research Article ISSN 2277- 7105
37.	Dr. Ashok Kumar Assistant Professor	Antifungal Study Of ArkadiGana On Candida Albicans	AnveshanaAyurvedaMedical Journal ISSN: 2395-4159AAMJ / Vol. 1 / Issue 3/165-169 / May - June 2015
38.	Dr. Ashok Kumar Assistant Professor	An ayurvedic medicinal approach in the management of arsha w.s.r. To 1st and 2nd degree Internal Haemorrhoids	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 2862-2871. Research Article ISSN 2277- 7105
39.	Dr. Ashok Kumar Assistant Professor	Use Of Apamarga In Constitution Of Modified Sclerosant- A Novel Inclusion Under Kshar-Karma	Journal of Biological and Scientific opinions Volume 3(4).2015ISSN2321-6328 page no. 168-169
40.	Dr. Ashok Kumar Assistant Professor	Osteoporosis In Post Oophorectomy Cases(Surgical Menopause)With Special Reference To Asthi- Majjagata A Review	Journal of Biological and Scientific opinions Vol (4).2015ISSN2321-6328 Page no. 195-197
41.	Dr. Ashok Kumar Assistant Professor	Role Of Sclerotherapy In Grade I & Grade II Haemorrhoids - A Comparative Study Of Phenol And Apamarg Kshar	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 volume 4, issue 9 2015, Pages1884-1891 Research Article ISSN 2277- 7105
42.	Dr. Ashok Kumar Assistant Professor	Effect Of Apamarg Kshar As A Sclerosant In The Management Of Grade I & Grade Ii Haemorrhoids	International Journal of Applied Ayurved Research ISSN: 2347-6362VOL II ISSUE II JUL-AUG 2015 Pages113-118
43.	Dr. Ashok Kumar Assistant Professor	Role of Mustadi-Upnaha in the Management of snāyu-vikāra (Tendinopathy) w.s.r. To Tennis Elbow: A Review	Journal of Biological and Scientific opinions Vol 3(5).2015 ISSN 2321-6328 pages 204-206.
44.	Dr. Ashok Kumar	Clinical evaluation of Kanchnar	Journal Of Ayurveda, NIA Jaipur

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	Assistant Professor	Guggulu and Varuna Kwatha Churna in the management of Benign Prostatic Hyperplasia	ISSN 2321-0435 in Vol.VIII -3, pages83-88 Jul-sep 2014 issue
45.	Dr. Ashok Kumar Assistant Professor	Plantar iontophoresis with aqueous solution of Guggulu Resin in the Management of Plantar fasciitis Engandering an incipient dimension in its management	Journal of biological & scientific opinions. Volume (4),2016 ISSN 2381- 6328 Pages 22-25
46.	Dr. Ashok Kumar Assistant Professor	Evaluation Of Pranada Gutika And Paradadi Malahar In The Management Of Fissure-In-Ano	Journal Of Ayurveda, NIA Jaipur ISSN 2321-0435 (Under Publication)
47.	Dr. Ashok Kumar Assistant Professor	Efficacy of Planter Iontophoresis (An Innovative Inclusion Under Agni-Karma) with Aqueous Solution of Guggulu Resin in the Management of Pada-kantaka: A Clinical Study	Journal Of Ayurveda, NIA Jaipur ISSN 2321-0435 (Under Publication)
48.	Dr.Narinder Singh Assistant Professor	A Case Study On Low Anal Fistula With Application Of Pratisaraniya Kshara After Fistulotomy	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 Volume 4, Issue 7, 1561-1565. Case Study ISSN 2277– 7105
49.	Dr.Narinder Singh Assistant Professor	A Comparative Study Of Agnikarma And Therapeutic Ultrasound In The Management Of Avabahuka W.S.R To Frozen Shoulder	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 Volume 4, Issue 7, 1761-1769. Research Article ISSN 2277– 7105
50.	Dr.Narinder Singh Assistant Professor	Role Of Chedana Karma And Sandhana Karma With Oral Medications In Fournier's Gangrene – A Case Study	AnveshanaAyurvedaMedical JournalISSN: 2395-4159 ,AAMJ / Vol. 1 / Issue 3 114-118/ May – June 2015
51.	Dr.Narinder Singh Assistant Professor	'Review Of Para-Surgical Techniques In Ayurveda With Special Reference To Maggot Debridement Therapy	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990Volume 4, Issue 8, 597-604. Review Article ISSN 2277– 7105
52.	Dr.Narinder Singh Assistant Professor	The concept of antimicrobial activity in Ayurveda and effect of Arkadigana on gram negative Bacteria.	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 1313-1323. Research Article ISSN 2277– 7105
53.	Dr.Narinder Singh Assistant Professor	An Experimental Study To Assess The Effect Of Asthisamharadi ChurnaOn Fracture Healing	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 1479-1489. Research Article ISSN 2277– 7105
54.	Dr.Narinder Singh Assistant Professor	Antifungal Study Of ArkadiGanaOn Candida Albicans	AnveshanaAyurvedaMedical JournalISSN: 2395-4159AAMJ / Vol. 1 / Issue 3/165-169 / May – June 2015
55.	Dr.Narinder Singh Assistant Professor	An ayurvedic medicinal approach in the management of arsha w.s.r. To 1st and 2nd degree internal Haemorrhoids	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 2862-2871. Research Article ISSN 2277– 7105
56.	Dr.Narinder Singh Assistant Professor	A Case Report On The Role Of Leech Therapy In Stasis Dermatitis	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 9, 963-967. Case Report ISSN 2277– 7105
57.	Dr.Narinder Singh	Use Of Apamarga In Constitution Of	Journal of Biological and

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	Assistant Professor	Modified Sclerosant- A Novel Inclusion Under Kshar-Karma	Scientific opinions Vol 3(4).2015ISSN2321-6328 page no. 168-169
58.	Dr.Narinder Singh Assistant Professor	Osteoporosis In Post Oophorectomy Cases(Surgical Menopause)With Special Reference To Asthi- Majjagata A Review	Journal of Biological and Scientific opinions Vol(4).2015ISSN2321-6328 Page no. 195-197
59.	Dr.Narinder Singh Assistant Professor	Role Of Sclerotherapy In Grade I & Grade Ii Haemorrhoids - A Comparative Study Of Phenol And ApamargKshar	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 volume 4, issue 9 2015, Pages1884-1891 Research Article ISSN 2277-7105
60.	Dr.Narinder Singh Assistant Professor	Effect Of Apamarg Kshar As A Sclerosant In The Management Of Grade I & Grade II Haemorrhoids	Journal of Applied Ayurved Research ISSN: 2347- 6362VOL II ISSUE II JUL-AUG 2015 Pages113-118
61.	Dr.Narinder Singh Assistant Professor	Wound Closure Techniques in Ayurveda: A Short Review	In journal of Medical science and clinical research. JMSCR Vol  3  Issue  10  Page 7951-7955  October
62.	Dr.Narinder Singh Assistant Professor	Role of Mustadi-Upnaha in the Management of snāyu-vikāra (Tendinopathy) w.s.r. To Tennis Elbow: A Review	Journal of Biological and Scientific opinions Vol 3(5).2015 ISSN2321-6328 pages 204-206
63.	Dr.Narinder Singh Assistant Professor	Clinical evaluation of Kanchnar Guggulu and Varuna Kwatha Churna in the management of Benign Prostatic Hyperplasia	Journal Of Ayurveda, NIA Jaipur ISSN 2321-0435 in Vol.VIII -3, pages83-88 Jul-sep 2014 issue.
64.	Dr.Narinder Singh Assistant Professor	Plantar Iontophoresis With Aqueous Solution Of Guggulu Resin In The Management Of Plantar Fasciitis Engendering An Incipient Dimension In Its Management	Journal of biological & scientific opinions. Volume (4), 2016 ISSN 2381- 6328 Pages 22-25
65.	Dr.Narinder Singh Assistant Professor	Epidimio-Clinical Study of Kanchanara Guggulu on Medoja- Arbuda with special reference to Lipoma	Journal Of Ayurveda, NIA Jaipur ISSN 2321-0435 (Under Publication)
66.	Dr.Narinder Singh Assistant Professor	Evaluation Of Pranada Gutika And Paradadi Malahar In The Management Of Fissure-In-Ano	Journal Of Ayurveda, NIA Jaipur ISSN 2321-0435 (Under Publication)
67.	Dr.Narinder Singh Assistant Professor	Efficacy of Planter Iontophoresis (An Innovative Inclusion Under Agni-Karma) with Aqueous Solution of Guggulu Resin in the Management of Pada-kantaka: A Clinical Study	Journal Of Ayurveda, NIA Jaipur ISSN 2321-0435 (Under Publication)
68.	Dr.B. Swapna Assistant Professor	A clinical Study on the effect of Baladi Yapana Vasti and Pushpadhanwa Ras for the Qualitative and Quantitative evaluation of Sukra in Male Infertility w.s.r. to Oligospermia	ISSN No. 2321-0435 Page: 22-34.(Published this year 2016)
69.	Dr.B. Swapna Assistant Professor	Rasayana - The Rejuvenescence: A Comprehensive View Ayurveda And All	(ISSN No. 0973-9831) April 2015, Vol.12, No.5
70.	Dr.B. Swapna Assistant Professor	Insulin Resistance Syndrome: A Pack Of Pathologies	Ayurveda And All (ISSN No. 0973-9831) May 2015, Vol.12, No.5.
71.	Dr.B. Swapna Assistant Professor	Effect Of Aragvadhadi Teekshna Pratisarneeya Kshara In The Management Of Abhyantara Arsha	Anveshana Ayurveda Medical Journal ISSN: 2395-4159AAMJ / Vol. 1 / Issue 3/ 147-151 / May - June 2015

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72.	Dr.B. Swapna Assistant Professor	Diabetes: The Twin Turmoil	Ayurveda And All (ISSN No. 0973-9831) June 2015, Vol.12, No.6
73.	Dr.B. Swapna Assistant Professor	'Prevent Hepatitis: It's Upto You' - A Prophylaxis	Ayurveda And All (ISSN No. 0973-9831) July 2015, Vol.12, No.7
74.	Dr.B. Swapna Assistant Professor	A Randomised clinical Trial on Wound Packing to evaluate the wound healing property of Jatyadi Taila following incision & drainage of Vidaradhi WSR to Superficial Skin Abscesses	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Aug Issue 8, Research Article ISSN 2277- 7105
75.	Dr.B. Swapna Assistant Professor	Bring 'Brimhana' and Mar the Malnutrition'	Ayurveda And All (ISSN No. 0973-9831) August 2015, Vol.12, No.8
76.	Dr.B. Swapna Assistant Professor	An overview on Dietetic regimen in Prameha Vis- a Vis Diabetes	Proceedings of international conference on Tantra Sharir, Kundalini Yoga and Psychosomatic Disorders 27-28 Sep.2015, IMS, BHU ISBN - 978-81-7637-361-6.
77.	Dr.B. Swapna Assistant Professor	Cancer Concept & Comprehensive Care	Ayurveda And All (ISSN No. 0973-9831) January 2016, Vol.13, No.1. Journal of Ayurveda July-Sept. 2014 Vol. VIII No.3
78.	Dr.B. Swapna Assistant Professor	Geriatrics- Fix with Ayurvedic Ticks	Ayurveda And All (ISSN No. 0973-9831) February 2016, Vol.13, No.2
79.	Dr.B. Swapna Assistant Professor	Osteoporosis – Borne Down to Prevent Breakdown.	Ayurveda And All (ISSN No. 0973-9831) March 2016, Vol.13, No.3

#### (A) Articles Published Ph.D. and PG Scholars in Journals/Magazines:

Sl.No.	Scholar's Name	Title	Publication Details
1.	Dr. Alok Kumar	A Case Study On Low Anal Fistula With Application Of Pratisaraniya Kshara After Fistulotomy	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 Volume 4, Issue 7, 1561-1565. Case Study ISSN 2277- 7105
2.	Dr. Alok Kumar	Review Of Para-Surgical Techniques In Ayurveda With Special Reference To Maggot Debridement Therapy	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990 Volume 4, Issue 8, 597-604. Review Article ISSN 2277- 7105
3.	Dr. Alok Kumar	A Case Report On The Role Of Leech Therapy In Stasis Dermatitis	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 9, 963-967. Case Report ISSN 2277- 7105
4.	Dr. Alok Kumar	Wound Closure Techniques in Ayurveda: A Short Review	In journal of Medical science and clinical research. JMSCR Vol  3  Issue  10  Page 7951-7955  October
5.	Dr. Alok Kumar	Role of Mustadi-Upnaha in the Management of snāyu-vikāra (Tendinopathy) w.s.r. To Tennis Elbow: A Review	Journal of Biological and Scientific opinions Vol 3(5).2015 ISSN2321-6328 pages 204-206
6.	Dr. Vineet Jain	An ayurvedic medicinal approach in	World Journal of



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		the management of arsha w.s.r. To 1st and 2nd degree Internal Haemorrhoids	Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 2862-2871. Research Article ISSN 2277- 7105
7.	Dr. Vineet Jain	Effect of Pratisarniya kshara karma in the management of Rectal prolapse- A case study	World Journal of Pharmaceutical Research SJIF Impact Factor 5.990, Volume 4, Issue 8, 2862-2871. Research Article ISSN 2277- 7105
8.	Dr. Vineet Jain	Clinical evaluation of Infrared coagulation in the management of Ardra Arsha w.s.r. to Internal Haemorrhoids – A pilot study	World Journal of Pharmaceutical Sciences ISSN (Print): 2321-3310; ISSN (Online): 2321-3086 Vineet et al., World J Pharm Sci 2015; 3(9): 1862-1865
9.	Dr. Shikha Nayak	Effect of Yashti-madhu ghrutha in management of Agnidagdha Vrana of Arshas as Post-operative Management.	World Journal of Pharmaceutical Research, September, 2015, Vol.4 (9), 2071-2079. (ISSN 2277-7105)
10.	Dr. Shikha Nayak	A Scientific appraisal on hirudotherapy – an evolution in life style disorders.	International Journal of Pharmacological Research, October 2015, Vol.5 (10), 217-221 (ISSN:2277-3312)
11.	Dr. Shikha Nayak	Shodhan effect of Karaviryadi Rasakriya in the management of Dustavrana along with antimicrobial activity.	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
12.	Dr. Aditya Kumar Shil	A Randomized clinical trial on wound packing to evaluate the wound healing property of Jatyadi Tail following Incision and Drainage of Vidradhi W.S.R. to Superficial Skin Abscesses	World Journal of Pharmaceutical Research, August, 2015, Vol.4 (8), 2040-2050. (ISSN 2277-7105)
13.	Dr. Aditya Kumar Shil	Randomized clinical trial on wound packing to evaluate the wound healing property of Jatyadi taila followed by Incision and Drainage of Vidradi with special reference to superficial skin abscess	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
14.	Dr Prasant Saini	A Comparative Clinical Study of Varunadi kwath and Trivikram rasa on Mutrashmari w.s.r. to Urolithiasis	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
15.	Dr. Amit Kumar	Role of Chedana Karma and Sandhana Karma with Oral Medications in Fournier's Gangrene – A Case study	Anveshana Ayurveda Medical Journal, May-June 2015, Vol.1 (3), 114-118. (ISSN:2395-4159)
16.	Dr. Amit Kumar	A Comparative study of Agnikarma and Therapeutic Ultrasound in the management of Avabahuka W.S.R. to Frozen shoulder.	World Journal of Pharmaceutical Research, July, 2015, Vol.4 (7), 1761-1769. (ISSN 2277-7105)
17.	Dr. Amit Kumar	Effect of Aragvadhadi Teekshna Pratisarneeya Kshara in the management of Abhyantara Arsha	Anveshana Ayurveda Medical Journal, May-June 2015, Vol.1 (3), 147-151. (ISSN:2395-4159)
18.	Dr. Padmendra Panchori	Role of Chedana Karma and Sandhana Karma with Oral Medications in Fournier's Gangrene – A Case study	Anveshana Ayurveda Medical Journal, May-June 2015, Vol.1 (3), 114-118. (ISSN:2395-4159)
19.	Dr. Padmendra Panchori	Comparative clinical study to evaluate the efficacy of Aragvadhadi Pratisarneeya Kshara and IRC in the management of Abhyantara Arshas	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
20.	Dr. Padmendra	Effect of Aragvadhadi Teekshna	Anveshana Ayurveda Medical



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	Panchori	Pratisarneeeya Kshara in the management of Abhyantara Arsha	Journal, May-June 2015, Vol.1 (3), 147-151. (ISSN:2395-4159)
21.	Dr. Premsukh	Antifungal study of Arkadi gana on Candida Albicans	Anveshana Ayurveda Medical Journal, May-June 2015, Vol.1 (3), 165-169. (ISSN:2395-4159)
22.	Dr. Premsukh	The concept of Antimicrobial activity in Ayurveda and effect of Arkadi gana on gram negative bacteria	World Journal of Pharmaceutical Research, August, 2015, Vol.4 (8), 1313-1323. (ISSN 2277-7105)
23.	Dr. Premsukh	Phytochemical Analysis and Antimicrobial study of Formulations prepared by Arkadigana.	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
24.	Dr. Jiteksh Jain	An Experimental study to assess the effect of Asthi Samharadi Churna on Fracture healing	World Journal of Pharmaceutical Research, August, 2015, Vol.4 (8), 1479-1489. (ISSN 2277-7105)
25.	Dr. Priyanka Patil	A comparative clinical study on Patala Pratisarneeeya Kshara and Apamarga Pratisarneeeya Kshara in the management of Abhyantar Arshas	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
26.	Dr. Shweta Sahu	Epidimio-Clinical study of Kanchanara Guggulu on Medoja-Arbuda With Special Reference to Lipoma	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
27.	Dr. Bharat Kumar Suthar	Evaluation of Pranada Gutika and Paradadi Malhara in the Management of Fissure-in-ano.	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
28.	Dr. Alpana Roy	Comparative Study of Plantar Iontophoresis (An Innovative inclusion under Agnikarma) with Aqueous Solution of Guggulu Resin and 0.4% Dexamethasone in the Management of Padakantaka w.s.r. to Plantar Fasciitis.	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
29.	Dr. Rajendra Paliwal	A Comparative Clinical Study of Kanchanar Guggulu and Yoga Basti in the management of Vatastheela w.s.r. to B.P.H.	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
30.	Dr. Kalpana	A Comparative Clinical Study of Jalaukavacharana and Shodhana-Ropana lepa in Dusta Vrana	Journal of Ayurveda. (ISSN NO-2321-0435) (Under Publication)
31.	Dr. Rakesh Kumar Rathore	Role of Infrared Coagulation with Pathyadi Churna in the management of Ardra Arsha w.s.r. to Internal Haemorrhoids	Anveshana Ayurveda Medical Journal, July-August 2015, Vol.1 (4), 283-287. (ISSN:2395-4159)

#### (B) Participation in Workshops/Seminars/CME 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 in Ayu Sastra- 2015, Workshop and Live demonstration of Anorectal surgeries, Organized by AVP Research Foundation, Coimbatore, Tamilnadu.	2-5 April, 2015.
2.	Dr. P. Hemantha Kumar Professor	Participated in Workshop on basic medical Varmology conducted at Thirumoolar Varmology Institute, Coimbatore, Tamilnadu.	8-10 May 2015.

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3.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in Ayu Sastra - 2015, Workshop and Live demonstration of Anorectal surgeries, Organized by AVP Research Foundation, Coimbatore, Tamilnadu.	12-13 May 2015.
4.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in Reorientation Programme For Interns, Organised by National Institute Of Ayurveda, Jaipur.	29 July, 2015.
5.	Dr. P. Hemantha Kumar Professor	Participated in CME Meet on Osteoarthritis, Organized by Gufic herbal company in Jaipur.	18 August, 2015.
6.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person and Chairperson in State Campaign on Kshara Sutra, Organized by Dept. of Ayush, Govt. of Haryana and Dept. of Shalya Tantra, Shri Krishna Govt. Ayurvedic College, Kurukshetra, Haryana.	17-18 Sept., 2015.
7.	Dr. P. Hemantha Kumar Professor	Participated in Workshop on Draft of Regulations on Minimum Standard Infrastructure requirement for Ayurvedic Post Graduate Institutions, Organized by Central Council of Indian Medicine, New Delhi.	22-24 Sept., 2015.
8.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person and Co-chairperson in Workshop on Anorectal Surgeries in NASYACON - 2015, Organized by NASYA and Patanjali Yog Peeth, Haridwar, Uttarakhand.	25-27 Sept., 2015
9.	Dr. P. Hemantha Kumar Professor	Participated in Workshop on Reforms in Ayurveda Education of Zone-1, Organized by Central Council of Indian Medicine, New Delhi.	13-14 October, 2015.
10.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in National Seminar on Recent Advances in Ayurvedic Management of Joint Disorders, Organized by Government Ayurvedic College and Hospital, Varanasi, Uttar Pradesh.	28-29 Nov., 2015.
11.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in Conference on Kshar Sutra and its Application on Ano-rectal Diseases, Organized by Vishwa Ayurveda, Bareilly, Uttar Pradesh.	13 Dec., 2015.
12.	Dr. P. Hemantha Kumar Professor	Participated as a Resource in CME Programme for Medical Officers & Practitioners, Sponsored by Rashtriya Ayurveda Vidyapeeth, New Delhi, Organized by State Ayurvedic College & Hospital, Varanasi.	30 November, 2015.
13.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in CME Programme on "Sallaki Promise of Safe Hands", Organized by Gufic herbal Division, Jaipur.	21 December, 2015.
14.	Dr. P. Hemantha Kumar Professor	Participated in Workshop on Synopsis Development and Ethics in Research, Organized by National Institute of Ayurveda, Ministry of AYUSH, Govt. of India, Jaipur.	27-28 January, 2016.

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15.	Dr. P. Hemantha Kumar Professor	Participated in Indo-US workshop on Cancer, Organized by Ministry of AYUSH, Govt. of India, New Delhi.	3-4 March, 2016.
16.	Dr. P. Hemantha Kumar Professor	Participated as resource person in Proctocon 2016 at 3rd Annual conference of Sushruta Proctology association Gujarat Jamnagar.	6-7 February, 2016.
17.	Dr. P. Hemantha Kumar Professor	Participated as a Resource person in International Seminar on "Globalized Ayurveda – Opportunities and Challenges in Next Decade", Organized by MMM Govt. Ayurved College, Udaipur, Rajasthan.	17-19 March, 2016
18.	Dr. P. Hemantha Kumar Professor	Participated in State level Seminar on "RajaBhasha Hindi Ke Prasar Me Vyahareek Samsayaaem evam Samadhan", Organized by CCRAS, Jaipur.	19 March, 2016.
19.	Dr. P. Hemantha Kumar Professor	Participated in Worldcon – 2016, 3rd Conference of International Society of Colo-Proctology in association with Surgeons Society of Jaipur, Rajasthan.	25-27 March, 2016.
20.	Dr. J. P Verma Associate Professor	An Experimental Study To Assess The Effect Of Asthisamharadi Churna On Fracture Healing' by Dr. Jiteksha Jain in National Seminar on Advances in Shalya-Tantra at BHU.	24-25 April 2015
21.	Dr. J. P Verma Associate Professor	Attended one day workshop on Synopsis development And ethics in Research conducted at National Institute of Ayurveda.	27-28 January 2016.
22.	Dr. J. P Verma Associate Professor	Actively Participated in CME "Sallaki promise of safe Hands", Organized by Gufic herbal Division, Jaipur.	18 September, 2015.
23.	Dr. J. P Verma Associate Professor	Actively Participated in CME "Sallaki promise of safe Hands", Organized by Gufic herbal Division, Jaipur.	21 December, 2015.
24.	Dr. Ashok Kumar Assistant Professor	Actively participated in National conference organized by Vishva Ayurved Parishad (VAP) on Theme of "Vaihavik Paridrishya Mein Ayurved Ke Sanrakshan, Samvardhan Avum Vikaas Ki Sankalpana" in VAPCON-2015 organized at National Institute Of Ayurveda, Jaipur.	15 Nov., 2015.
25.	Dr. Ashok Kumar Assistant Professor	Participated as delegate & Paper presenter in international seminar on Globalized on Ayurveda: Opportunities & challenges in next Decade held on at Govt. Ayurvedic College Udaipur.	17- 19 March, 2016.
26.	Dr. Ashok Kumar Assistant Professor	Attended WORLDCON-2016 3rd Conference of International Society of Colo-Proctology at Jaipur.	25- 27 March, 2016.
27.	Dr. Ashok Kumar Assistant Professor	Attended one day workshop on Synopsis development And ethics in Research conducted at National Institute of Ayurveda, Jaipur.	27-28 January 2016.
28.	Dr. Ashok Kumar Assistant Professor	Guest Lectuer on Discussion over Sign Symptoms & management of commonly encountered in Ano-Rectal Disorders in Vyaktitavevikaasshivir organized by	11 June, 2015.

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		Vishva Ayurveda Parishad Rajasthan at SaraswatavidyaMandir, Jawahar Nagar Jaipur.	
29.	Dr. Narinder Singh Assistant Professor	Participated in National Seminar on Advances in Shalya-Tantra at BHU & presented Paper on Use of Apamarga Kshar in the constitution of Scleroscent - A novel inclusion under Kshara Karma.	24-25 April, 2015
30.	Dr. Narinder Singh Assistant Professor	Actively participated in National conference organized by Vishva Ayurved Parishad (VAP) on Theme of "Vaihavik Paridrishya Mein Ayurved Ke Sanrakshan, Samvardhan Avum Vikaas Ki Sankalpana" in VAPCON-2015 organized at National Institute Of Ayurveda as organizing secretary.	15 November, 2015.
31.	Dr. Narinder Singh Assistant Professor	Participated in one day National Symposium on "Integration of Indian Medicinal System into Modern Medicine" held at PGHTNCON-2016 International Conference on "Pediatric Gastroenterology, Hepatobiliary, Transplant & Nutrition: Controversies and Consensus - New Dimensions to Explore" at NIMS University Jaipur, Rajasthan (India) and delivered Guest lecture on Topic entitled "Integration of Ayurveda With Modern Medicine - A Need of Hour" comprising few examples with very effective outcome.	11-14 Feb., 2016
32.	Dr. Narinder Singh Assistant Professor	A Comparative Study Of Agnikarma And Therapeutic Ultrasound In The Management Of Avabahuka W.S.R To Frozen Shoulder by Dr Amit Kumar in National Seminar on Advances in Shalya-Tantra on at BHU.	24-25 April, 2015
33.	Dr. Narinder Singh Assistant Professor	An Experimental Study To Assess The Effect Of AsthisamharadiChurna On Fracture Healing' by Dr Jiteksha Jain in National Seminar on Advances in Shalya-Tantra on at BHU.	24-25 April, 2015
34.	Dr. Narinder Singh Assistant Professor	"A Potential Emergence To Assisted Enhancement Of Drug Absorption In Ayurvedic Practice" presented by Dr Alpona Roy in at National conference on "Youth & Ayurveda" by National Ayurveda Students & Youth Association Uttrakhand -Nasyacon-2015 at Patannjali Yog peeth , Haridwar Uttrakhand .	25-27 Sept., 2015.
35.	Dr. Narinder Singh Assistant Professor	Attended one day workshop on Synopsis development And ethics in Research conducted at National Institute of Ayurveda, Jaipur.	27-28 January, 2016.
36.	Dr. Narinder Singh Assistant Professor	Participated in one Day workshop on "Rajbhasha Hindi Ke Prasaar Mein Vyvaahrik Smassayein Avum Samaadhaan" organised by Maharava Shekhaji central research institute	19 March, 2016.

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		Jaipur along with National institute of Ayurveda & Nagar rajbhaasha karyannvyan samiti (Ka-1) Jaipur	
37.	Dr. Narinder Singh Assistant Professor	Actively Participated in CME “ Sallaki promise of safe Hands” organized by Gufic herbal Devision	18 September, 2015.
38.	Dr. Narinder Singh Assistant Professor	Actively Participated in CME “ Sallaki promise of safe Hands” organized by Gufic herbal Devision	21 December, 2015.
39.	Dr. Narinder Singh Assistant Professor	Guest Lectuer on Execution of First-Aid in Vyaktitave vikaas shivir organized by Vishva Ayurveda Parishad Rajasthan at Saraswatividya Mandir, Jawahar Nagar Jaipur.	11 June, 2015.
40.	Dr. Narinder Singh Assistant Professor	Delievered Lectuer in Reorientation Programme For Interns Organised by National Institute Of Ayurveda from 29th -31st July 2015 on Inroduction about PECU Arogya-Shala N.I.A Jaipur	31 July, 2015.
41.	Dr. Narinder Singh Assistant Professor	Delievered Guest Lectuer in Get-Together Programme of Vishva Ayurved Parishad on Topic” Identification & Immediate management of adverse outcomes concerning thearapeutic emesis & Purgation”.	28 November, 2015.
42.	Dr. B. Swapna Assistant professor	Actively Participated in CME “Sallaki promise of safe Hands” organized by Gufic herbal Division, Jaipur.	18 September, 2015.
43.	Dr. B. Swapna Assistant professor	Actively Participated in CME “ Sallaki Promise of Safe Hands” organized by Gufic herbal Division, Jaipur.	21 December, 2015.
44.	Dr. B. Swapna Assistant professor	Attended one day workshop on Synopsis development And ethics in Research conducted at National Institute of Ayurveda, Jaipur.	27-28 January, 2016.
45.	Dr. B. Swapna Assistant professor	Attended WORLDCON-2016 3rd Conference of International Society of Colo-Proctology at Jaipur.	25-27 March, 2016.

#### Participation of Scholars 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	Name of Topic/Details of Conference/Seminar/Date
1.	Dr. Alok Kumar	Participated in Worldcon - 2016, 3 <sup>rd</sup> Conference of International Society of Colo-Proctology held on 25-27 March, 2016 at Jaipur.
2.	Dr. Vineet Kumar Jain	Participated in Proctocon - 2016 held on 6-7 February, 2016 at 3 <sup>rd</sup> Annual Conference of Sushruta Proctology Association, Jamnagar, Gujarat.
3.	Dr. Vineet Kumar Jain	Participated as Delegate and Paper Presenter in International Seminar on Globalized on Ayurveda : Opportunities and Challenges in Next Decade held on 17-19 March, 2016 at Govt. Ayurvedic College Udaipur.
4.	Dr. Vineet Kumar Jain	Participated in Worldcon - 2016 3 <sup>rd</sup> Conference of International Society of Colo-Proctology held on 25-27 March, 2016 at Jaipur.
5.	Dr. Priyanka Patil	Presented Scientific Paper Entitled “Effect Of Kshara Karma In

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		The Management Of Rectal Prolapse-A Case Study “, in 5 <sup>th</sup> Euro-india International Conference On Holistic Medicine, ICHM - 2015 , 11-13 September, 2015 organised by Institute of Medical Sciences, Parummbaikadu Holistic Kottayam Kerala and Ayurveda – Und Venen –klink, St. Primus weg 68, A-9020 Klagenfurt Austria.
6.	Dr. Priyanka Patil	Participated as a delegate in Proctocon 2016 held on 6-7 February 2016 at 3 <sup>rd</sup> Annual Conference of Sushruta Proctology Association, Jamnagar, Gujarat.
7.	Dr. Priyanka Patil	Participated in Worldcon - 2016 - 3 <sup>rd</sup> Conference of International Society of Colo-Proctology held on 25-27 March, 2016 at Jaipur.
8.	Dr. Priyanka Patil	Participated in 3-Days Training Programme on Research Methods, Manuscript Writing and Career Opportunities for Ayurveda PG Students held on 27-29 October, 2015 at Lucknow. It was sponsored by Rashtriya Ayurveda Vidyapeeth, National Academy of Ayurveda.
9.	Dr. Shveta Sahu	Participated in 3-Days Training Programme on Research Methods, Manuscript Writing and Career Opportunities for Ayurveda PG Students held on 27-29 October, 2015 at Lucknow. It was sponsored by Rashtriya Ayurveda Vidyapeeth, National Academy of Ayurveda.
10.	Dr. Shveta Sahu	Participated as a Delegate in Proctocon 2016 held on 6-7 February 2016 at 3 <sup>rd</sup> Annual Conference of Sushruta Proctology Association, Jamnagar, Gujarat.
11.	Dr. Shveta Sahu	Participated in Worldcon - 2016 3 <sup>rd</sup> Conference of International Society of Colo-Proctology held on 25-27 March, 2016 at Jaipur.
12.	Dr. Shveta Sahu	Presented Scientific Paper in 5th Euro-india International Conference On Holistic Medicine, ICHM - 2015, 11-13 September 2015 organised by Institute of Medical Sciences Parummbaikadu Holistic kottayam kerala & Ayurveda –Und Venen –klink, St. Primus weg 68, A-9020 Klagenfurt Austria.
13.	Dr. Kalpana Verma	Presented Scientific Paper in 5th Euro-india International Conference On Holistic Medicine, ICHM - 2015, 11-13 September 2015 organised by Institute of Medical Sciences Parummbaikadu Holistic kottayam kerala & Ayurveda –Und Venen –klink, St. Primus weg 68,A-9020 Klagenfurt Austria.
14.	Dr. Kalpana Verma	Participated as a delegate in Proctocon 2016 held on 6-7 February 2016 at 3 <sup>rd</sup> Annual Conference of Sushruta Proctology Association, Jamnagar, Gujarat.
15.	Dr. Kalpana Verma	Participated in Worldcon - 2016 3 <sup>rd</sup> Conference of International Society of Colo-Proctology held on 25-27 March, 2016 at Jaipur.
16.	Dr. Bharat	Participated in Young Scientists Conference as a part of India International Science Festival held on 4-8 Dec. 2015 at IIT New Delhi.
17.	Dr. Rajendra Paliwal	Participated as Poster Presenter on “Management of BPH by Yog Basti- A Case Study” in 5 <sup>th</sup> Euro-india International Conference On Holistic Medicine, ICHM - 2015 , 11-13 September 2015 organised by Institute of Medical Sciences Parummbaikadu Holistic Kottayam Kerala and Ayurveda – Und Venen –klink, St. Primus weg 68,A-9020 Klagenfurt Austria.
18.	Dr. Rajendra Paliwal	Attended Workshop on Marma Therapy/Ano-Rectal Disorders at Patannjali Yog Peeth, Haridwar, Uttrakhand during - Nasyacon-2015 held on 25-27 September 2015 by National Ayurveda Students and Youth Association , Uttrakhand.
19.	Dr. Rajendra Paliwal	Presented Scientific Paper Entitled - The Role of Chedna and

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		Bhedana Karma in Fornier's Gangrene - A Case Study at National Conference on Youth and Ayurveda - Nasyacon-2015 - organised by National Ayurveda Students and Youth Association Uttarakhand on 25-27 September 2015 at Patannjali Yog Peeth, Haridwar Uttarakhand.
20.	Dr. Rajendra Paliwal	Participated in Worldcon - 2016 3 <sup>rd</sup> Conference of International Society of Colo-Proctology held on 25-27 March, 2016 at Jaipur.
21.	Dr. Priyanka Sahu	Presented Scientific Paper Entitled Effect Of Aragvadhadi Teekshna Pratisarneeeya Kshara in the Management of Abhyantara Arsha - A Study at National Conference on Youth and Ayurveda - Nasyacon-2015 - organised by National Ayurveda Students and Youth Association Uttarakhand on 25-27 September 2015 at Patannjali Yog Peeth, Haridwar Uttarakhand.
22.	Dr. Priyanka Sahu	Attended Workshop on Marma Therapy/Ano-Rectal Disorders at Patannjali Yog Peeth, Haridwar, Uttarakhand during - Nasyacon-2015 held on 25-27 September 2015 by National Ayurveda Students and Youth Association, Uttarakhand.
23.	Dr. Priyanka Sahu	Participated as a delegate in Proctocon 2016 held on 6-7 February 2016 at 3 <sup>rd</sup> Annual Conference of Sushruta Proctology Association, Jamnagar, Gujarat.
24.	Dr. Priyanka Sahu	Participated in Worldcon - 2016 3 <sup>rd</sup> Conference of International Society of Colo-Proctology held on 25-27 March, 2016 at Jaipur.
25.	Dr. Nimbaram	Participated and presented in International seminar on Globalized on Ayurveda: Opportunities and Challenges in next Decade held on 17-19 March 2016 at Govt. Ayurvedic College Udaipur.
26.	Dr. Nimbaram	Participated in Worldcon - 2016 3 <sup>rd</sup> Conference of International Society of Colo-Proctology held on 25-27 March, 2016 at Jaipur.
27.	Dr. Durga	Participated as delegate in International Seminar on Globalized on Ayurveda : Opportunities and Challenges in Next Decade held on 17-19 March 2016 at Govt. Ayurvedic College Udaipur.
28.	Dr. Durga	Participated in Worldcon - 2016 3 <sup>rd</sup> Conference of International Society of Colo-Proctology held on 25-27 March, 2016 at Jaipur.
29.	Dr. Vinod Mourya	Participated as delegate in International Seminar on Globalized on Ayurveda : Opportunities and Challenges in Next Decade held on 17-19 March 2016 at Govt. Ayurvedic College Udaipur.
30.	Dr. Somdatt Saini	Participated as delegate in International Seminar on Globalized on Ayurveda : Opportunities and Challenges in Next Decade held on 17-19 March 2016 at Govt. Ayurvedic College Udaipur.

### Units run by the Department:

The Department has the following 5 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.	General Shalya	Unit is dealing with General Surgical and Para-surgical procedures and treatment to the patients.



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2.	Anorectal Unit	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.	Orthopaedic Unit	Unit is providing best and effective treatment for various Fractures, Dislocations, Bone and Joint diseases with well equipped Orthopedic instruments.
4..	Jalaukavacharana Unit	Unit is providing best and effective treatment through Jalaukavacharana Therapy to patients and educating the scholars.
5.	Agnikarma Unit	Unit is providing best treatment through Agnikarma to patients suffering from Dadru, Vicharchika, Gridhrasi, Sandhivata, Kadara, Charmakeela, Apabahuka, Vatakantaka, Tennis Elbow etc. diseases.
6.	Marma Chikitsa Unit	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.

### Other Activities:

- Dr. P. Hemantha Kumar, Professor & Head, appointed as a Member of Institutions Ethics Committee in National Institute of Ayurveda, Jaipur, 2016.
- Dr. P. Hemantha Kumar, Professor & Head attended the CCIM visitation of the following colleges –
  - (i) Chaudhary Brahm Prakash Charak Ayurved Samsthan, New Delhi on 09-02-2016
  - (ii) Faculty of Indian Medical System" SGT University, Gurgaon, Haryana on 11-02-2016.
  - (iii) Gaur Brahmin Ayurvedic college & Hospital, Rohatak, Haryana on 12-02-2016
  - (iv) Shri Bhanwarlal Dugar Ayurveda Vishwabharathi, Sardar Shehar on 07-03-2016.
  - (i) MMM Govt. Ayurved Mahavidyalaya, Udaipur on 10-03-2016.

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## 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 indriya(sensory organs) and motor functions, mana(psyche), atma(soul) and their functions. Dosha, 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), mala (feces), mutra (urine), kapha (cough) etc. and proper diagnosis and treatment therapies of various disorders taught to scholars. Subjects of Shawasana, Rakta Sancharana, Utsarjan, Nadi Tantra etc. were taught to UG, PG Students and Ph.D. Scholars. This Department has regular Ph.D. Program.

During the year under report, 1 Associate Professor, 2 Assistant Professor and 1 Lecturer 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. Anupama Shukla	Dr. Chhaju Ram Yadav Assistant Professor	Assessment of Snigdha Guna of Kapha Dosha and its Applied Aspect in Yuvan Pidaka w.s.r. to Sariva Ghanvati and Jatiphala Lepa.
2.	Dr. Shukuntala Nagar	Dr. O. P. Dadhich Associate Professor Dr. Chhaju Ram Yadav Assistant Professor	Development of Assessment Criteria of Vishad Guna of Vata Dosha and it's applied aspect in Vicharchika w.s.r. to Arka Tail and Panchnimba Ghanvati.
3.	Dr. Durgesh Nandini	Dr. Hem Raj Meena Assistant Professor	Demographic Study of the Hb Status in Rakta Sara Purush and Physiological relation between IQ and Rakta Sara.
4.	Dr. Sarika Yadav	Dr. Om Prakash Dadhich Associate Professor	Development of Assessment Criteria of Mridu Guna of Kapha Dosha and it's applied aspect on Vatarakta w.s.r. to Efficacy of Pinda Tail and Shatavari Ghrita.
5.	Dr. Ram Chandra Singh	Dr. Mahendra Prasad Lecturer	Development of Assessment Criteria for Chal Guna of Vata Dosha and it's applied aspect in Kampavata w.s.r. to Efficacy of Kampvatari Rasa.

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6.	Dr. Anil Kumar Sisodiya	Dr. O. P. Dadhich Associate Professor Dr. Mahendra Prasad Lecturer	Assessment Criteria of Sara Guna of Pitta Dosha and it's applied aspect in Yakritdaludar w.s.r. to Kumari Swarasa.
7.	Dr. Mukund Kumar Singh	Dr. Om Prakash Dadhich Associate Professor	Development of Assessment Criteria for Sthir Guna of Kapha Dosha and it's applied aspect in Shukragatavata (premature ejaculation) w.s.r. to Anandvardhan Vati.
8.	Dr. Mridusmita Soot	Dr. O. P. Dadhich Associate Professor Dr. Chhaju Ram Yadav Assistant Professor	A Comparative Study on the Onset of Rajodarshan and Rajonivritti with special reference to Dehaprakriti and Desha.

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. Ankita	Dr. O. P. Dadhich Associate Professor Dr. Chhaju Ram Yadav Assistant Professor	Physiological Study of Mutravaha Srotas and Comparative Study of Shvadanstradi Kwath and Varun Kwath in Mutrashmari(Urolithiasis).
2.	Dr. Garima Raj	Dr. O. P. Dadhich Associate Professor Dr. Chhaju Ram Yadav Assistant 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 Associate 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 Associate Professor	Physiological Study of Bhrajaka Pitta and Clinical Evaluation of Dhatrykhadira Kwath and Gunjaphaladi Lepa on Shivtra.
5.	Dr. Sanjay Kumar Sahu	Dr. Hemraj Meena Assistant Professor	Physiological Study of Shukra Dhatu and Clinical Study of Mashashwagandhadi Churna in Kshina Shukra w.s.r. to Apanvayu Vega.
6.	Dr. Gugulotu Ramesh	Dr. Chhaju Ram Yadav Assistant Professor	A Physiological study of adharaneeya Vega w.s.r to Apanvayu Vega.
7.	Dr. Kalpana Mehar	Dr. Mahendra Prasad Lecturer	Physicologoical Study of Rasavaha Strotas and Effect of Vibhitakadi Vatak in Panduroga.

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. Amit Saini	Prof. M S Meena Retd. Professor	Physiological study of Bhrajaka Pitta and Clinical evaluation to assess the efficacy of Shivtranashak Churna and Vayasyadi Gutika Lepa in a dermatologicalesion-Shvitra
2.	Dr. Rashmi Prakash Gurav	Dr. Om Prakash Dadhich Associate Professor	Development of assessment criteria of Laghu guna of vata and its applied aspect in Sthaulya w.s.r. to Vidangadi Churna

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. Pankaj Kothari	Dr. Hemraj Meena Assistant Professor	A comparative study of Kalpit Triphaladi Ghana Vati & Navaka gugulu on Obesity
2.	Dr. Laxmi Maharana	Dr. Om Prakash Dadhich Associate Professor	Study of Drava Guna Of Pitta Dosha w.s.r. to Amlapitta

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

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Om Prakash Dadhich Associate Professor	To Study the Prevalence of Annavaaha Srotodushti Lakshana (Digestive Disorders) w.s.r. to Aahara Vidhi Vidhana.	Ayush Darpan Vol. II, Issue 2, 2015 ISSN 0976-3368
2.	Dr. Om Prakash Dadhich Associate Professor	Nidra in Ayurveda	Ayush Darpan Vol. II, Issue 2, 2015 ISSN 0976-3368
3.	Dr. Om Prakash Dadhich Associate Professor	Similarity Concept of Lipids and Meda Dhatu vis-à-vis Hyperlipidemia.	International Ayurvedic Medical Journal Vol. III, Issue 9, 2015
4.	Dr. Om Prakash Dadhich Associate Professor	Role of Guna in Management of Disease w.s.r. to Amlapitta.	Ayushdhara An International Journal of Research in Ayush and Allied Systems Vol. 2, Issue 5 ISSN: 2393-9583 October, 2015
5.	Dr. Om Prakash Dadhich Associate Professor	A Study on Pranavaha Srotas and its Mulasthana.	Ayushdhara An International Journal of Research in Ayush and Allied Systems Vol. 2, Issue 5 ISSN: 2393-9583 October, 2015
6.	Dr. Om Prakash Dadhich Associate Professor	A Review Study of Shat Kriyakala.	Punarnav An International Peer Reviewed Ayurved Journal Volume 4, Issue 1 ISSN: 2348-1846 February 2016
7.	Dr. Om Prakash Dadhich Associate Professor	A Subjective Approach on Endocrinology in Ayurveda Perspective w.s.r. Astauninditiya.	Amritam International Journal of Research in Ayurvedic Sciences (Paper Accepted) ISSN : 2394-1812
8.	Dr. Om Prakash Dadhich Associate Professor	Benefits of Asana Practice.	Chaukhamba Orientaliya Varanasi First Edition September 2015 ISBN 978-81-7637-361-6
9.	Dr. Om Prakash Dadhich Associate Professor	Development of Assessment Criterial for Sthira Guna of Kapha Dosha & its applied aspect in Shukragatavata (Premature Ejaculation) w.s.r. to Anandavardhanavati.	Journal of Ayurveda A Peer Reviewed Journal of International Repute (Paper Accepted)
10.	Dr. Om Prakash Dadhich Associate Professor	Ayurvediya Siddhanto Ki Swasthya Sanrakshan Mein Upyogita.	Swasthya Quarterly Issue 2, 2015

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11.	Dr. Om Prakash Dadhich Associate Professor	Ayurvedanusar Swasthaya Samrakshan mein Vasantik Vaman Karma Ki Upadeyata.	Swasthya Quarterly Issue 3, 2015
12.	Dr. Hemraj Meena Assistant Professor	A Clinical Study of Triphaladi Ghana Vati on Dyslipidemia.	World Journal of Pharmaceutical Research Volume 4, Issue 10 September-2015 ISSN 2277- 7105
13.	Dr. Hemraj Meena Assistant Professor	Prevention and Management of Arteriosclerosis by Ayurveda.	World Journal Of Pharmaceutical Research Volume 4, Issue 12, November - 2015 ISSN 2277- 7105
14.	Dr. Hemraj Meena Assistant Professor	Preventive Aspect of Kundalini Yoga in Psychosomatic Disorders.	Chaukhamba Orientaliya Varanasi First Edition September 2015 ISBN 978-81-7637-361-6
15.	Dr. Hemraj Meena Assistant Professor	Regimen during Winter Season.	Jnana Srotas Volume 7/8 Issue 1-2/3-4
16.	Dr. Chhaju Ram Yadav Assistant Professor	The study of physiological factors and tolerance of hot and cold in different dwandajaprakriti	Journal of Ayurveda Vol. VIII-1, Jan.-March 2014 Published in April 2015
17.	Dr. Chhaju Ram Yadav Assistant Professor	Editorial Forum- Concept of Agni in Ayurveda	Journal of Ayurveda Vol. VIII-2 April-June 2014 Published in June-2015
18.	Dr. Chhaju Ram Yadav Assistant Professor	Applied aspect of Abhyanga (Ext. Oliation Therapy) in Geriatrics.	Journal of Ayurveda Vol. VIII-2 April- June 2014 Published in June-2015
19.	Dr. Chhaju Ram Yadav Assistant Professor	Overview of Guna Siddhanta.	International Ayurvedic Medical Journal (IAMJ) Volume 3; Issue 8 August- 2015 ISSN:2320 5091
20.	Dr. Chhaju Ram Yadav Assistant Professor	Krama Parinama of Dhatu: A New Way of Approach.	Punarnav An International Peer Reviewed Ayurved Journal Volume 3, Issue 2 August 2015 ISSN: 2348-1846
21.	Dr. Chhaju Ram Yadav Assistant Professor	Similarity Concept of Lipids & Meda Dhatu Vis-a-Vis Hyperlipidemia.	International Ayurvedic Medical Journal (IAMJ) Volume 3, Issue 9, September 2015 ISSN : 2320 5091
22.	Dr. Chhaju Ram Yadav Assistant Professor	Conceptual Study of Pranavaha Srotas in Ayurveda.	Journal of Ayurveda Vol. VIII-3, Jul-Sep. 2014 Published in Dec.-2015
23.	Dr. Mahendra Prasad Lectuer	Need and Importance of Vyayama in Present Era : A Critical Review.	Ayushdhara Volume 1, Issue 2 Published in Jan. 2015 ISSN 23939583
24.	Dr. Mahendra Prasad Lectuer	Effect of Karpuradya Churna in the Treatment of Ekadosaja Type of Kasa.	Journal of AYUSH Volume 3, Issue 2 March, 2015 ISSN: 2278-2214

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25.	Dr. Mahendra Prasad Lectuer	A Comparative Study of Health Related Issues in Rural and Urban Areas of Rajasthan W.S.R. Lifestyle Disorders.	International Journal of Ayurvedic and Herbal Medicine April 2015 ISSN No. 2249-5746
26.	Dr. Mahendra Prasad Lectuer	The Study of Physiological Factors and Tolerance of Hot and Cold in Different Dwandaja Prakriti.	Journal of Ayurveda Vol. VIII, Issue 1 Published in 2015 ISSN 23210435
27.	Dr. Mahendra Prasad Lectuer	Concept of Ojas with Relevancy of Physiological Properties.	Journal of AYUSH Volume IV, Issue 1 May 2015 ISSN: 2278-2214
28.	Dr. Mahendra Prasad Lectuer	Clinical Evaluation of Gudkushmand in Shukradhatukshaya w.s.r. to Oligospermia.	World Journal of Pharmaceutical Research Volume 4, Issue 10 October 2015 ISSN No. 22777105
29.	Dr. Mahendra Prasad Lectuer	Similarity Concept of Lipids and Meda Dhatu vis-à-vis Hyperlipidemia.	International Ayurvedic Medical Journal Volume 3, Issue 9 October 2015 ISSN 23205091
30.	Dr. Mahendra Prasad Lectuer	Evaluation of the Efficacy of Prapaundrikadi Taila w.s.r. to Palitya : A Comparative Study.	International Journal of Applied Ayurveda Research Volume II, Issue II September 2015 ISSN 23476362
31.	Dr. Mahendra Prasad Lectuer	Importance of Srotas in Every Aspect.	International Journal of Research in Ayurvedic Sciences - Amritam Volume - 1 (1) March 2015 ISSN 23941812

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

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Om Prakash Dadhich Associate Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Samasya Evam Samadhan, organised in the Campus of the Institute on 19 March 2016. One Paper titled Prakshanik Karyon main Hindi Ek Shashakta Madhyam.
2.	Dr. Om Prakash Dadhich Associate Professor	Conference organised by Indian Gerontological Association on गौरवपूर्ण मृत्यु एवं आध्यात्मिकता : भारतीय परम्परा के संदर्भ में ।  Paper presented on : अध्यात्म का वृद्धावस्था में स्वास्थ्य के परिपेक्ष्य में आयुर्वेद का महत्त्व
3.	Dr. Om Prakash Dadhich Associate Professor	Workshop on Synopsis Development and Ethics in Research organized on 27-28 January 2016 at National Institute of Ayurveda, Jaipur.
4.	Dr. Om Prakash Dadhich Associate Professor	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya Government Ayurvedic College, Udaipur on 17-19 March 2016.  One Paper presented on Women and Children Health Through Ayurveda.
5.	Dr. Om Prakash	Regional Workshop on Reforms in Ayurveda Education organised by

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	Dadhich Associate Professor	CCIM held on 13-14 October, 2015.  One Paper titled Reforms in Ayurveda Education presented.
6.	Dr. Hemraj Meena Assistant Professor	Workshop on Synopsis Development and Ethics in Research organized on 27-28 January 2016 at National Institute of Ayurveda, Jaipur.
7.	Dr. Hemraj Meena Assistant Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Samasya Evam Samadhan organised in the Campus of the Institute on 19 March 2016.
8.	Dr. Chhaju Ram Yadav Assistant Professor	Fifth Euro-India International Conference on Holistic Medicine (ICHM-2015) held on 11-13 September 2015 at Kottayam, Kerala.
9.	Dr. Chhaju Ram Yadav Assistant Professor	Global Ayurveda Festival Kerala organised at Kozhikode from 31 January to 4 February 2016.
10.	Dr. Chhaju Ram Yadav Assistant Professor	Workshop on Synopsis Development and Ethics in Research organized on 27-28 January 2016 at National Institute of Ayurveda, Jaipur.
11.	Dr. Chhaju Ram Yadav Assistant Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Samasya Evam Samadhan organised in the Campus of the Institute on 19 March 2016.
12.	Dr. Mahendra Prasad Lecturer	National Seminar on Recent Advances in Ayurvedic Management of Joint Disorders on Occasion of Golden Jubilee Celebration and Alumni Meet - 2015 organised by the Government Ayurvedic College and Hospital, Sampurnanad Sanskrit University, Varanasi, Uttar Pradesh on 28-29 November 2015.
13.	Dr. Mahendra Prasad Lecturer	Workshop on Synopsis Development and Ethics in Research organized on 27-28 January 2016 at National Institute of Ayurveda, Jaipur.
14.	Dr. Mahendra Prasad Lecturer	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Samasya Evam Samadhan organised in the Campus of the Institute on 19 March 2016.

#### (C) Participation in CME Programs:

The faculty member of the Department have actively participated in the following CME Programs:

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Om Prakash Dadhich Associate Professor	As Resource Person : A CME Program in the subject of Kriya Sharir organised by Tilak Ayurveda College, Pune on 3-8 August, 2015.
2.	Dr. Om Prakash Dadhich Associate Professor	As Resource Person : A CME Program in the subject of Kriya Sharir organised by State Ayurvedic College and Hospital, Lucknow on 22-27 February 2016.
3.	Dr. Om Prakash Dadhich Associate Professor	6 Day Induction Program for newly appointed Ayush Medical Officers held at Campus of the Institute on 14-19 March 2016. Delivered a Keynote address titled An Ideal Prescription Writing.
4.	Dr. Mahendra Prasad Lecturer	Attended a CME Program in the subject of Kriya Sharir organised by Tilak Ayurveda College, Pune on 3-8 August, 2015.
5.	Dr. Mahendra Prasad Lecturer	Attended a CME Program in the subject of Kriya Sharir organised by State Ayurvedic College and Hospital, Lucknow on 22-27 February 2016.

#### (D) Guest Lectures delivered in Workshops/Seminars:

Sl.No.	Name of Faculty Member	Details of Workshop/Seminar
1.	Dr. Chhaju Ram Yadav Assistant Professor	Vyaktitwa Vikas Shivir organised by Wishwa Ayurveda Parishad on 10-16 June 2015.
2.	Dr. Chhaju Ram Yadav Assistant Professor	Jana Suchana Abhiyaan organised by Press Information Beaurro and Ministry of Information and Broadcasting, Government of India on 27-29 November 2015.



3.	Dr. Mahendra Prasad Lecturer	National Seminar on Conservtaion and Development of Ayurveda in Present Global Scenario organised by Vishwa Ayurveda Parishad, Jaipur on 14-21 November 2015.
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**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 conduted the weekly Meetings of Journal Club, Inter-Department 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:

<b>Name of Activity</b>	<b>Day of Activity</b>
1. Meeting of Journal Club	Monday
2. Seminar	Tuesday
3. Discussion	Tuesday
4. Discussion	Wednesday
5. Inter-Departmental Seminar	Thrusday
6. Thesis relating Procedure	Saturday

**Miscellaneous Activities**

One Assistant Professor delivered 3 Health Talks on Television Channel DD Rajasthan titled (i) Role of Ayurveda to maintain Health on 6-6-2015; (2) Gout and Ayurveda on 30-7-3015 and Routine (Ayurveda) in Winter Season on 27-11-2015.

One Lecturer participated in 3 days Advantage Health Care India 2015 organised by the Ministry of AYUSH at New Delhi on 5-7 October 2015.

One Lecturer participated in 3 day Jan Suchana Abhiyan organised by the Press Information Beauru and Ministry of Information and Broadcasting, Government of India on 18-2-2016 to 21-2-2016 at Jodhpur.

One Lecturer participated as Expert of Sharir Kriya Vigyan in VAP CON 2015 held on 14-15 November 2015 at Jaipur.

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## 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 Associate Professors and 4 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. Puja Gupta	Dr. Harish Chandra Gupta Associate Professor Dr. Vikash Bhatanagar Asstt. Professor	Comparative Study of <i>Anguli Pramana</i> of <i>Urdhva Shakha</i> and <i>Adhah shakha</i> as described in <i>Brihatrayee</i> .
2.	Dr. Neha Udainiya	Dr. Harish Chandra Gupta Associate Professor Dr. Sunil Kumar Yadav Asstt. Professor	Anatomical Study of Artavvaha Strotas w.s.r.to <i>Nashtarava</i> and Clinical Evaluation of <i>Krishna til Kwath</i> .
3.	Dr. Anil Kumar Joshi	Dr. Sunil Kumar Associate Professor	A Comprehensive Study of <i>Garbha Sharir</i> as described in <i>Brihatrayee</i>
4.	Dr. Isha Harswani	Dr. Sunil Kumar Associate Professor	An Analytical Study of references of Sharir in <i>Sushruta Samhita</i> in the purview of <i>Sharir Rachana</i> .
5.	Dr. Gaurav Soni	Dr. J. Manohar Assistant Professor Dr. Sandeep Lahange Assistant Professor	A Study of Asthi Sharir in context of various types of Asthi described in <i>Ayurvedic Samhithas</i> .
6.	Dr. Harish Kumar	Dr. Sunil Kumar Associate Professor Dr. Sandeep Lahange Assistant Professor	A Study of <i>Mutravaha Strotas</i> w.s.r. to <i>Mutrashmari</i> and Clinical Evaluation of <i>Swadanstradi Ghana Vati</i> .
7.	Dr. Nishi Jain	Dr. Vikash Bhatanagar Asstt. Professor Dr. Sandeep Lahange Assistant Professor	Anthropometric Study of <i>Adhah Shakha</i> w.s.r.to <i>Anguli Pramana</i> described in <i>Brihatrayee</i> .

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

<b>Sl.No.</b>	<b>Scholar</b>	<b>Supervisor/Co-supervisor</b>	<b>Topic</b>
1.	Dr. Deepak Shrimali	Dr. Harish Chandra Gupta Associate Professor Dr. Vikash Bhatanagar Asstt. Professor	Anatomical Exploration of the Sites of Vedhya Sira of the Upper Limb as described by <i>Acharya Sushruta</i> .
2.	Dr. Papri Nath	Dr. Harish Chandra Gupta Associate Professor Dr. Sunil Kumar Yadav Assistant Professor	A Comparative Study of <i>Nibandh Sangrah &amp; Ayurveda Dipika</i> w.s.r. to sharir rachna.
3.	Dr. Santosh Mittal	Dr. Sunil Kumar Associate Professor	An Analytical Study of references of Sharir described in <i>Charak Samhita</i> in the purview of Sharir Rachna.
4.	Dr. Rajeev Agnihotri	Dr. Sunil Kumar Associate Professor	Study of Twak Sharir w.s.r. to effect of Shalmali Kantik on Yuvan Pidika.
5.	Dr. Deepa	Dr. Vikash Bhatanagar Asstt. Professor Dr. Sandeep Lahange Lecturer	Contribution of Ayurveda in Modern Anatomy.
6.	Dr. Archana	Dr. Sunil Kumar Yadav Assistant Professor Dr. Sandeep Lahange Lecturer	Anatomical Study of Aratav Vaha Srotas w.s.r. Nagkesar Churna in Shweta Pradar.
7.	Dr. Nitin Kumar	Dr. Harish Chandra Gupta Associate Professor Dr. Vikash Bhatanagar Asstt. Professor	Comprehensive Study of Purishvaha Srotas w.s.r. to Gastro-intestinal Tract.
8.	Dr. Sourabh Jain	Dr. Harish Chandra Gupta Associate Professor Dr. Vikash Bhatanagar Asstt. Professor	Comprehensive Study of Pranvaha Srotas w.s.r. to Physio-anatomy of Respiratory System.
9.	Dr. Prabha Singh	Dr. Sunil Kumar Associate Professor	Study Of Sandhi Sharir w.s.r. to Applied Aspect of Vankshana Sandhi.
10.	Dr. Chhaya	Dr. J. Manohar Assistant Professor Dr. Sandeep Lahange Assistant Professor	Anatomical Study of Moolsthana of Artav Vaha Srotas w.s.r. to Rituchakra(Menstrual Cycle).
11.	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.
12.	Dr. Manish Rai	Dr. Sunil Kumar Yadav Assistant Professor	A Cadaveric and Applied Study of Shakhagat Snayu.
13.	Dr. Kunj Bihari Saini	Dr. Sandeep Lahange Assistant Professor	Critical Study of Kor Sandhi w. s. r. to Sports Injuries and their Ayurvedic Management.
14.	Dr. Neelam Sagwan	Dr. Harish Chandra Gupta Associate Professor Dr. Sandeep M. Lahange Assistant Professor	A Study on Atulyagathiya Sharira in Relation to Concept of Genetics in Ayurveda.
15.	Dr. Sonali Bisht	Dr. Sunil Kumar Assistant Professor Dr. Sarvesh Singh Assistant Professor	A Study on Applied Aspect of Asthivaha Srotas in the Purview of Bastayah Ksheerasarpishi Tiktakopahitani Cha.
16.	Dr. Avinash	Dr. J. Manohar Assistant Professor	A Comprehensive Study on Anatomical Consideration and Moola Sthana of Srotas in

		Dr. Vikash Bhatnagar Assistant Professor	Context to Shukravaha Srotas.
17.	Dr. Shivaranjani	Dr. Vikash Bhatnaga Associate Professor Dr. Sandeep M. Lahange Assistant Professor	A Survey Study on Sushrutokta Pramana Sharir of Lalata, Karna and Nayanantar and its Comparison with Modern Somatometric Measurements.
18.	Dr. Sona Rani	Dr. Sunil Kumar Yadav Assistant Professor	A Cadaveric and Applied Study of Urdhwashakhagata Snayu Marma.
19.	Dr. Jyoti	Dr. Sandeep Lahange Assistant Professor Dr. Vikash Bhatnagar Assistant Professor	Conceptual Study on Chaturvimshati Dhatvatmaka Purusha in Context to its Applied Aspects.

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

Sl.No.	Scholar	Supervisor/Co-Supervisor	Topic
1.	Dr. Dharmendra Mishra	Dr. Sunil Kumar Associate Professor	Comprehensive Exploration of Sharir Terms described in Ayurveda in the Purview of Sharir Rachana.
2.	Dr. Premanand B. Bhalerao	Dr. Sunil Kumar Associate Professor	Study of Applied Aspects of Marma w.s.r.to Martial Arts.
3.	Dr. Rakesh Narayanan V.	Dr. Harish Chandra Gupta Associate Professor	A Study on Grammatical derivation of terminologies relating to Sharir Rachana mention in Sushrut Samhita.
4.	Dr. Teena Jain	Dr. Sunil Kumar Yadav Assistant Professor	Peshi Sharira: A Study Based on Dissection w.s.r. to <i>Strinanm vinshatirevadhika</i> .

### 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) Books

1.	Prof. Harish Chandra Gupta, Professor, authored "Anthropometry in Ayurveda", published by Aarsha Publication, Jaipur, September 2015.
2.	Dr. Sunil Kumar, Associate Professor, authored "A Brief Outline of Kulabhyas Marma" published by Aarsha Publication, Jaipur.

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

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Harish Chandra Gupta Associate Professor	Applied anatomy of Surgical Incisions as Described by Sushrut.	Journal of Ayurveda Vol. VIII.-1 May 2015
2.	Dr. Harish Chandra Gupta Associate Professor	Ida and Pingala - A Neuro-anatomical Evidence based Applied Anatomical Study.	Souvenir of National Seminar on Tantrika Sharir Organized by All India Sharir Research Institute, Lucknow 11-12 April 2015
3.	Dr. Harish Chandra Gupta Associate Professor	Exploration of Surgical Incisions Described by Sushrut and the Significance of Twak Sharir Behind.	Souvenir of National Seminar on Twak Sharir and its Clinical Significance organized by

			All India Sharir Research Institute, Lucknow December 2015
4.	Dr. Harish Chandra Gupta Associate Professor	Twak Sharir - An Overview.	Souvenir of National Seminar on Twak Sharir and its Clinical Significance organized by All India Sharir Research Institute Lucknow 07-08 December 2015
5.	Dr. Harish Chandra Gupta Associate Professor	Analytical Study of Beauty Related Skin Problems and Ayurvedic Concept of Beauty.	Souvenir of National Seminar on Twak Sharir and its Clinical Significance organized by All India Sharir Research Institute Lucknow 07-08 December 2015
6.	Dr. Harish Chandra Gupta Associate Professor	An Exploration into Concepts and Descriptions of Human Body in Yogic and Vedic Anatomy in the Perspective of Shadchakra.	Proceedings of International Conference on Tantra Sharir, Kundalini Yoga and Psychosomatic Disorders Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi September 2015
7.	Dr. Harish Chandra Gupta Associate Professor	Kundalini Yoga - The Process of Kundalini Awakening.	Proceedings of International Conference on Tantra Sharir, Kundalini Yoga & Psychosomatic Disorders Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi September, 2015
8.	Dr. Harish Chandra Gupta Associate Professor	Therapeutic Diet and Nutrition in Most Prevalent Disease Obesity.	Proceedings of International conference on Tantra Sharir, Kundalini Yoga & Psychosomatic Disorders Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi, September 27-28, 2015.
9.	Dr. Sunil Kumar Associate Professor	Conceptual Study of Stress and Meditation.	Proceedings of International Conference on Tantra Sharir, Kundalini Yoga & Psychosomatic Disorders Department of Rachana Sharir, Institute of Medical

			Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi September 27-28, 2015
10.	Dr. J. Manohar Assistant Professor	A Review on Agnikarma and its Physio-Anatomical Effects.	IJAPC May 2015
11.	Dr. J. Manohar Assistant Professor	Portrayal of Asthi Sharir in Pre-samhita Kala.	IJAPC May 2015
12.	Dr. J. Manohar Assistant Professor	Preconception Healthcare in Ayurveda	Proceedings of Internatioal Conference on Tantrika Sharir, Kundalini Yoga and Pscosomatic Disorders, Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi, September 27-28, 2015
13.	Dr. Vikash Bhatnagar Assistant Professor	Review Study of Anahata Chakra with special reference to Cardiac Plexus.	IAMJ ISSN No. 2320-5091 2016.
14.	Dr. Vikash Bhatnagar Assistant Professor	Dietetic Principles in Ayurveda.	Proceedings of International Conference on Tantra Sharir, Kundalini Yoga & Psychosomatic Disorders Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi September 27-28, 2015.
15.	Dr. Vikash Bhatnagar Assistant Professor	Utility of Prakruti Parikshana in Modern Era.	Ayushdarpan ISSN No. 0976-3368
16.	Dr. Vikash Bhatnagar Assistant Professor	Kundalini Yoga - The Process of Kundalini Awakening.	Proceedings of International Conference on Tantra Sharir, Kundalini Yoga & Psychosomatic Disorders Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi September 27-28, 2015.
17.	Dr. Vikash Bhatnagar Assistant Professor	Therapeutic Diet and Nutrition in Most Prevalent Eisease Obesity.	Proceedings of International Conference on Tantra Sharir, Kundalini Yoga & Psychosomatic Disorders Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi September 27-28, 2015
18.	Dr. Sunil Kumar Yadav Assistant Professor	Shankha Marma : A Study based on Dissection.	Punarnav : An International Peer Reviewed

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			Ayurved Journal Vol. 3, Issue 1, May-June 2015 ISSN : 2348-1846
19.	Dr. Sunil Kumar Yadav Assistant Professor	Variation of Superficial Veins Pattern of Upper Limb Found in Dissection.	P-2223-2225 Vol. 3, Issue 7 July 2015 ISSN:23205091
20.	Dr. Sandeep Madhukar Lahange Assistant Professor	Utility of Prakruti Parikshana in Modern Era.	Ayush Darpan October 2015 ISSN No. 0976-3368
21.	Dr. Sandeep Madhukar Lahange Assistant Professor	Dietetic Principles in Ayurveda.	Proceedings of International Conference on Tantra Sharir, Kundalini Yoga & Psychosomatic Disorders Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi Sept. 27-28, 2015
22.	Dr. Sandeep Madhukar Lahange Assistant Professor	A Review on Agnikarma and its Physio- anatomical Effects.	IJAPC May 2015.
23.	Dr. Sandeep Madhukar Lahange Assistant Professor	Portrayal of Asthi Sharir in Pre-samhita Kala.	IJAPC May 2015.
24.	Dr. Sandeep Madhukar Lahange Assistant Professor	Traditional Medicine used for Malaria in India.	IJAPC May 2015.
25.	Dr. Sandeep Madhukar Lahange Assistant Professor	Anatomical Explanation and Utility of Asana in Lower Back Pain due to Incorrect Sitting Postures.	Proceedings of Internatinoal Conference on Tantrika Sharir, Kundalini Yoga and Pscosomatic Disorders, Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi, September. 27-28, 2015
26.	Dr. Sandeep Madhukar Lahange Assistant Professor	Dietetic Principles in Ayurveda	Proceedings of Internatinoal Conference on Tantrika Sharir, Kundalini Yoga and Pscosomatic Disorders, Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi September. 27-28, 2015
27.	Dr. Sandeep Madhukar Lahange Assistant Professor	Preconception Healthcare in Ayurveda	Proceedings of Internatinoal Conference on Tantrika Sharir, Kundalini Yoga and Pscosomatic Disorders, Department of Rachana Sharir, Institute of Medical



			Sciences, Banaras Hindu University, Chaukhambha Orientalia, Varanasi September. 27-28, 2015
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**(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.	Dr. Harish Chandra Gupta Associate Professor	International Seminar on Tantra Sharir, Kundalini Yoga and Psychosomatic Disorders organized by Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University Sept. 27-28, 2015	An Exploration into Concepts and Descriptions of Human Body in Yogic and Vedic Anatomy in the Perspective of Shadchakra.
2.	Dr. Harish Chandra Gupta Associate Professor	National Seminar on Twak Sharir organized by All India Sharir Research Institute Lucknow held on 07-08 Dec. 2015.	Exploration of Surgical Incisions Described by Sushrut and the Significance.
3.	Dr. Harish Chandra Gupta Associate Professor	Workshop on Synopsis Development and Ethics in Research organized by N.I.A. Jaipur from 27-28 January 2016.	Participated as Delegate.
4.	Dr. Harish Chandra Gupta Associate Professor	हिंदी प्रसार में व्यावहारिक समस्याएं - आयुर्वेद केंद्रीय संस्थान, 19 मार्च 2016	Participated as Delegate.
5.	Dr. Sunil Kumar Associate Professor	International Conference on Tantra Sharir, Kundalini Yoga & Psychosomatic Disorders Department of Rachana Sharir, Institute of Medical Sciences, Banaras Hindu University, September 27-28, 2015.	Participated as Delegate.
6.	Dr. Sunil Kumar Associate Professor	National Seminar on Twak Sharir, All India Sharir Research Institute, Lucknow December 7-8, 2015	Participated as Delegate.
7.	Dr. Sunil Kumar Associate Professor	हिंदी प्रसार में व्यावहारिक समस्याएं - आयुर्वेद केंद्रीय संस्थान, 19 मार्च 2016	Participated as Delegate.
8.	Dr. Sunil Kumar Associate Professor	Workshop on Synopsis Development and Ethics in research organized by N.I.A. Jaipur from 27-28 January 2016	Participated as Delegate.
9.	Dr. J. Manohar Assistant Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Smasya Evam Samadhan roganised in the Campus of the Institute on 19 March 2016.	Participated as Delegate.

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10.	Dr. J. Manohar Assistant Professor	Workshop on Synopsis Development and Ethics in Research on 27 & 28 January 2016 at N.I.A. Jaipur	Participated as Delegate.
11.	Dr. Vikash Bhatnagar Assistant Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Smasya Evam Samadhan roganised in the Campus of the Institute on 19 March 2016.	Participated as Delegate.
12.	Dr. Vikash Bhatnagar Assistant Professor	Workshop on Synopsis Development and Ethics in research organized by N.I.A. Jaipur from 27-28 January 2016	Participated as Delegate.
13.	Dr. Sunil Kumar Yadav Assistant Professor	Workshop on Synopsis development and ethics in research organized by N.I.A. Jaipur from 27-28 January 2016	Participated as Delegate.
14.	Dr. Sunil Kumar Yadav Assistant Professor	International seminar on 3 <sup>rd</sup> Global Ayurveda festival dated 31 <sup>st</sup> January to 3 <sup>rd</sup> February 2016 at Kozhikode, Kerala.	Oral Presenter.
15.	Dr. Sunil Kumar Yadav Assistant Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Smasya Evam Samadhan roganised in the Campus of the Institute on 19 March 2016.	Participated as Delegate.
16.	Dr. Sandeep Madhukar Lahange Assistant Professor	International Conference workshop Organized by Indian Association For The Study of Traditional Asian Medicine (IASTAM) on 3 <sup>rd</sup> January 2016.	Clinical Research Methodology.
17.	Dr. Sandeep Madhukar Lahange Assistant Professor	International Conference on Advances in Asian Medicine' [ICAAM 2016]. Organized by Indian Association For The Study of Traditional Asian Medicine (IASTAM). 4 <sup>th</sup> -7 <sup>th</sup> January 2016.	Clinical Evaluation of 'Herbal Nebulizer' and 'Haritkyadi Yoga' in the Management of Tamak Shwasa w.s.r. to Bronchial Asthma.
18.	Dr. Sandeep Madhukar Lahange Assistant Professor	International seminar on globalized Ayurveda-opportunities and challenges in next decade 17 to 19 march 2016 by MMM College, Udaipur.	Concept of 'Herbal Nebulizer' in the Management of Tamaka Shwasa (Bronchial asthma).
19.	Dr. Sandeep Madhukar Lahange Assistant Professor	Workshop on Synopsis development and ethics in research organized by N.I.A. Jaipur from 27-28 January 2016	Participated as Delegate.
20.	Dr. Sandeep Madhukar Lahange Assistant Professor	Hindi Karyashala - Rajbhasha Hindi Ke Prasar Mein Vyavharik Smasya Evam Samadhan roganised in the Campus of the Institute on 19 March 2016.	Participated as Delegate.

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

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Harish Chandra Gupta Associate Professor	1. Dr. H.C. Gupta is conferred with the Fellowship Award in recognition of his valuable contribution for the advancement of the Science of Ayurveda Sharir by the Executive Board of All India sharer Rachana Institute, Lucknow on 8-12-2015.

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		<ol style="list-style-type: none"><li>2. He is conferred with the Honour on 27-9-2015 for his valuable contribution for the advancement in the field of Ayurveda by the Department of Sharir, Faculty of ayurveda, IMS, BHU, Varanasi.</li><li>3. Acted as Member of Faculty of Ayurveda of Dr. S.R. Rajasthan Ayurveda University, Jodhpur.</li><li>4. Acted as Member, Faculty of Ayurveda, Journal of Ayurveda, Jaipur.</li><li>5. Appointed as Member by the G.R. Ayurveda University, Hoshiarpur in Selection Boards of various Departments.</li><li>6. Attended as Subject Expert of Selection Committee Meetings held by Banaras Hindu University, Varanasi on 28-5-2015 and 14-3-2016.</li></ol>
2.	Dr. Sunil Kumar Yadav Assistant Professor	<ol style="list-style-type: none"><li>1. Participated as Expert Member in the Meeting of Synopsis Re-writing Committee of Guru Ravidas Ayurveda University, Punjab held on 13-7-2015 at Hoshiarpur.</li><li>2. Delivered a Guest Lecture on Applied Part of Neuroanatomy at Vishava Ayurved Parishad, Jaipur.</li></ol>

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## 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 Associate Professor and 3 Assistant Professor with other supporting technical and non-technical staff were working in the Department. Apart from the these, 1 Associate Professor was appointed on contract basis in the Department. 1 Professor on contractual basis engaged 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. Sarita Saini	Dr. Kamallesh Kumar Sharma Associate Professor	A Comparative Study to Evaluate the Efficacy of Tila Tail and Katu Taila Pratimarsha Nasya in Nidranasha.
2.	Dr. Anju Kumari	Dr. Kamallesh Kumar Sharma Associate Professor Dr. Hetal Dave, Lecturer	A Controlled Clinical Study to Evaluate the Efficacy of Aasana and Pathyadhara in PCOS.
3.	Dr. Payal Khandelwal	Dr. Durgavati Devi Asstt. Professor	A Study to Assess the Efficacy of Keshrakshan Upaya in Kesh Swasthaya w.s.r. to Dinacharya.
4.	Dr. Mahesh Kumar	Dr. Sarvesh Kumar Agrawal Assistant Professor	A Survey Study to Evaluate the Effect of Ratri Jagrana on Health w.s.r. to Nidra Vega Dharana.
5.	Dr. Narendra Singh Rajput	Dr. Kashinath Samgandi Assistant Professor	A Comparative Study of Madhodak and Gomutra Arka as Pathya in Atisthaulya.
6.	Dr. Devesh Sharma	Dr. Kashinath Samgandi Assistant Professor	Comparative Clinical Study to Evaluate the Effect of Trataka Versus Neti Kriya in Myopia.
7.	Dr. Chandrachud Mishra	Dr. Rajesh Sharma Associate Professor Dr. Sarvesh Kumar Agrawal Assistant Professor	An Analytical Study on Tamra Patra Sthita Jala.

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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. Shantanu Tiwari	Dr. Kamallesh Kumar Sharma Associate Professor Dr. Sarvesh Kumar Agrawal Assistant Professor	A Clinical Trial to Evaluate the Role of Pranayama in Pre-Hypertension.
2.	Dr. Namit Kumar Patni	Dr. Kamallesh Kumar Sharma Associate Professor Dr. Kashinath Samgandi Assistant 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. Kamallesh Kumar Sharma Associate Professor	A Comparative Study of Kapal Bhati and Paschimottanasana in Sthaulya.
4.	Dr. Astha Sharma	Dr. Durgavati Devi Asstt. 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 Assistant 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. Kamallesh Kumar Sharma Associate Professor Dr. Kashinath Samgandi Assistant 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 Assistant Professor	An Analytical Study on Vasanta Ritucharya.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Manjeet Singh	Dr. Sarvesh Kumar Agrawal Assistant Professor	Clinical Evaluation of Pathyahara and Avipattikar Churnain the Management of Amlapitta.
2.	Dr. Nilesh Gupta	Dr. Durgavati Devi Asstt. Professor	A Study to Evaluate the Effect of Santarpana in Accession of BMI.
3.	Dr. Ashutosh Dwivedi	Dr. Kashinath Samgandi Assistant Professor Dr. Daya Shankar Mishra	A Clinical Study to Evaluate the Anesthetic Effect of Jalandhar Bandha in Dant Nirharan Kriya.
4.	Dr. Ramveer Singh Meena	Dr. Kamallesh Kumar Sharma Associate Professor	A Comparative Study on the Efficacy of Manasoganuguma Gandha Shabda Samvahnani Ca with Yogic Procedure.
5.	Dr. Divya Gupta	Dr. Kamallesh Kumar Sharma Associate Professor	An Analytical Study to Evaluate the Safety of Prayogika Dhumpanaas a Part of Dinacharya.
6.	Dr. Pooja Tiwari	Dr. Kamallesh Kumar Sharma Associate Professor	Comparative Study of Trifala Kashaya Netraprakshalana Verses Trifla Madhu Sarpi Sevana on Mypoa.
7.	Dr. Sudesh Kumar Bhambhu	Dr. Daya Shankar Mishra Dr. Sarvesh Kumar Agrawal Assistant Professor	Comparative Clinical Study on Efficacy of Amalaka Yoga and Ashvini Mudra in Klaihya.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Amitabh Mapdar	Dr. Kamalesh Kumar Sharma Associate Professor	Scientific Exploration of Dinacharya.
2.	Dr. Shalini Kumari	Dr. Kamalesh Kumar Sharma Associate Professor	A Conceptual Study of Pathya Apathya w.s.r. to <i>Sarve hi bhava purushenanterain strotansyabhinirvartante.</i>

### 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:

#### (B) Book:

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Swasthavritta Vigyan 2 <sup>nd</sup> Edition	Chaukhambha Orientalia Varanasi
2.	Dr. Kashinath Samgandi Assistant Professor	Swasthavritta Sudha	Ayurveda Sansthan Bhandar Jaipur

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

Sl.No.	Author's Name	Title	Publication Details
1.	Dr. Sarvesh Kumar Agrawal Assistant Professor	A Pilot Study on the Short Term effect of Bhastrika Pranayama to Enhance the Breath Holding Capacity of Students.	Journal of Ayurveda and Holistic Medicine Volume-II, Issue-IV
2.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Diet and Life Style Modification in Tamaka Shwasa with special reference to Bronchial Asthma.	World Journal of Pharmaceutical Research Vol.4, Issue 975-84 ISSN 2277-7105
3.	Dr. Sarvesh Kumar Agrawal Assistant Professor	A Conceptual Study on the Preventive Aspect of Pratimarsha Nasya in Dinacharya.	World Journal of Pharmaceutical Research Vol.4, Issue 1164-1170 ISSN 2277-7105
4.	Dr. Kashinath Samgandi Assistant Professor	Management of Vishad	Journal of Ayurveda Vol.4, Oct. - Dec. 2013 ISSN 23210435

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

Sl.No.	Name of Faculty Member and Scholar	Details of Workshop/Seminar
1.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Vishwa Ayurveda Parishad National Conference - 2016 organised at Dayanand Ayurvedic College Jalandhar (Punjab) on 27-28 February 2016. Paper Presented: A Contemporary Approach for Skill Development of Swasthavritta OPD.
2.	Dr. Sarvesh Kumar Agrawal	International Seminar on Globalized Ayurveda: Opportunities And Challenges in Next Decade, organized by Madan Mohan Malviya

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	Assistant Professor	Government Ayurvedic College, Udaipur on 17-19 March 2016.  Paper Presented:  A Practical Approach to Aharvidhvisheshayatana in Present Scenario.
3.	Dr. Kashi Nath Samgandi Assistant Professor	International Ayurveda Conference held on 11-18 December 2015 at Coimbatore, Tamilnadu.  Paper Presented:  Elementary Appraisal on Traditional Excellence in Post Traumatic Disorders.  Received Best Paper Award.
4.	Dr. Kashi Nath Samgandi Assistant Professor	Workshop on Synopsis Development and Ethics in Research organised by National Institute of Ayurveda, Jaipur on 27-28 January 2016.
5.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Workshop on Synopsis Development and Ethics in Research organised by National Institute of Ayurveda, Jaipur on 27-28 January 2016.

**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. Kamallesh Kumar Sharma Associate Professor	Experience With Rasakalpa, Clinical Intervention.	3-7-2015
2.	Dr. Kamallesh Kumar Sharma Associate Professor	Skin Care and Cure - An Ayurvedic Perspective.	4-7-2015
3.	Dr. Kamallesh Kumar Sharma Associate Professor	Prachin Bhartiya Chikitsa Vigyan.	16-7-2015
4.	Dr. Kamallesh Kumar Sharma Associate Professor	Dainik Jeevan main Yoga.	30-7-2015
5.	Dr. Kamallesh Kumar Sharma Associate Professor	Holistice Living and Yoga.	11-8-2015
6.	Dr. Kamallesh Kumar Sharma Associate Professor	Yoga Evam Prakritik Chikitsa Ke Vividha Aayam.	29-8-2015
7.	Dr. Kamallesh Kumar Sharma Associate Professor	Applied Concept of Hygiene and Nutrition.	2-2-2015
8.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Applied Concept of Hygiene and Nutrition.	15-3-2016
9.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Vaishvik Paridrashya main Ayurveda Ke Sanrakshan, Samvardhan evam Vikas Ki Parikalpana.	15-11-2015
10.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Preliminary Practice of Yoga.	8-1-2016
11.	Dr. Sarvesh Kumar Agrawal Assistant Professor	Life Style Disorders in Urban Population and Role of AYUSH.	11-2-2016
12.	Dr. Kashinath Samgandi Assistant Professor	Physical and Mental Health.	12-6-2016
13.	Dr. Kashinath Samgandi Assistant Professor	Introduction to Yoga.	5-2-2016
14.	Dr. Kashinath Samgandi	Applied Concept of Hygiene and	9-2-2016



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	Assistant Professor	Nutrition.	
15.	Dr. Kashinath Samgandi Assistant Professor	Introduction to Yoga (Practical Demonstration).	18-3-2016

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

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Kamallesh Kumar Sharma Associate Professor	1. Participated in Discussion on State AYUSH Policy held on 18-8-2015. 2. Member, Board of Management and Academic Council of Dr. S.R. Rajasthan Ayurveda University, Jodhpur. 3. Miscellaneous Confidential Work done for Dr. S.R. Rajasthan Ayurveda University, Jodhpur.
2.	Dr. Sarvesh Kumar Agrawal Assistant Professor	1. Representing NIA in PG Counselling conducted by the University on 17-10-2015 and 27-10-2015.

#### **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), Anidnra (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 9,477.

On the occasion of International Yoga Day, on 21<sup>st</sup> June 2015, a Yoga session of around forty minutes was conducted in which students, teachers, officers and staff took part and practiced various 'asanas' of Yoga and pranayama. 531 Sadhaka were actively participated in it.

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

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