



NATIONAL INSTITUTE OF AYURVEDA

OVERVIEW

It gives me immense pleasure to present the Annual Report and the Audited Statement of Accounts of the National Institute of Ayurveda for the year 2013-2014 highlighting the activities of the Institute during the year. There has been significant growth in teaching, training and patient care activities of the Institute. Best efforts were made to propagate, progress, develop and enrich the Institute for the welfare of mankind.

During the year under report, admissions were made to 91 seats in the Under-Graduate Course of BAMS, 104 seats in the Post-Graduate Courses of MD/MS(Ayurveda), 10 seats in Regular Fellowship leading to Ph.D.(Ayu.), 21 seats in the Diploma Course of AYUSH Nursing & Pharmacy and 14 seats in the Panchakarma Attendant Course.

The 1st and 2nd Rank Holders of Final Year BAMS were awarded the “Jivika and Ayurvedvisharad Purashkar” by Himalaya Drug Co. 2 BAMS Internees of the Institute were awarded the 1st Prize in the North Zone level AYURWHIZ-2, the National Level Quiz Contest and subsequently they also got the 2nd Prize in the National Level Quiz Contest organized by Himalaya Drug Co.

A Haematology Biochemistry Unit was launched in the Central Laboratory for upgraded diagnostical facilities for patients. A well-equipped Operation Theatre has been set up in the Hospital for the Departments of Shalya Tantra, Shalakya Tantra and Prasuti Tantra for conducting various operations.

During the year, the total number of patients treated in OPD was 2,31,244 out of which 95,646 were new patients and 76,034 Patients treated in the IPD out of which 5,194 were new patients. The Institute also organizes regular Medical Camps in a dozen SC and ST inhabited Districts of Rajasthan for which separate Budget Provision is made available under SCP & STP Schemes. Regular Weekly Camps are also organized in and around Jaipur City. During the year, 33 Camps were organized by which 27,826 Patients were treated and free medicine dispensed. Rs. 1 Crore provided under SCP-TSP during the year for these activities were fully utilized.

There is a Pharmacy manufacturing Medicines required for the Hospitals and to meet the needs of research activities of PG and Fellowship Programs. During the year, 339 Types of Medicines (32,750 Kg.) worth Rs. 1,03,80,622 were manufactured. This is 2,925 Kg. more than the Production of 2012-13. The Institute is making all efforts to increase the production every year to meet the requirements of Hospital, Research etc.

There are 3 Hostels located in the Campus, with 354 Seats, available for UG and PG Girls and Boys separately. 20 Seats are also available in the Hostels away from the Campus for PG and Ph.D. Scholars. A 6-Storey Girls Hostel has been got constructed and is being readied to accommodate 66 more students.

The Library of the Institute has around 26,346 Books, 115 Journals and Newspapers are subscribed for the Reading Room. 2,616 Annual Volumes of Journals are available for reference and research purposes. The Book Bank has 7,100 books for issuing to students of each class on merit-cum-need basis. The Library is being enriched every year by adding more Books, Journals etc. Departmental Libraries also exist in all the Departments for easy and immediate references by teachers and scholars.

Foreign Delegations had been visiting the Institute to know about Ayurvedic education, training, research and patient care services offered and also to study functioning of Ayurvedic institutions under Government control in India. During the year under report, the Hon'ble Health Minister of Fiji, Dr. Neil Sharma and the Hon'ble High Commissioner of Fiji to India, Shri Yogesh Karan visited the Institute on 1-6-2013 and discussed on various issues including possible collaborations with Department of AYUSH and NIA. Dr. Imre Semsei and Dr. Szalkai Ivan of the Gerontology Science Coordination Center, Nyiregyhaza, Hungary paid a visit to the Institute as part of an MOU signed by the Institute with the Gerontology Science Coordination Center of Hungary. A Mozambique Delegation visited the Institute to study various academic, research and patient care services offered in the Institute. 2 Experts from Spain also visited the Institute as

part of their feasibility study of various parts of India on improving competitiveness, benefit of higher education curriculum, increase degree recognition at the international level and ascertain the strategic objectives of India Higher Education System. An MOU was signed with the University of West Indies for Collaboration in the field of Education, Training, Research, Treatment, Publication etc. and this is under consideration. One faculty member of the Institute was deputed to Malaysian Government on Deputation for one year to help the Government Hospitals there to develop and make available various Panchakarma Therapies.

The Bisalpur Water Supply has been made available in the Institute to overcome the problem of good quality drinking water for staff, students, patients, etc. for which the Institute had been facing the problem for the last 30 years.

The Institute has good infrastructure like Buildings for Academic, Hospitals, Hostels, Pharmacy, Office, Laboratory, Cottage and Cubical Wards, Auditorium etc. in the 12 acres Campus. A 6-Storey Girls Hostel, A 4-Storey Library-cum-Academic Block and a Fountain were got constructed during the year. A new herbal garden was set up in the Campus for teaching and demonstration purposes. In the coming years, more construction activities for Multi-Story City Hospital, OPD Block, Cottage and Deluxe Wards, International Hostel, etc. are in the plan.

The Department of AYUSH provides all the required funds for the Institute every year to meet the Non-Plan and Plan Expenditures. During the year, the Department of AYUSH provided Rs. 2142 Lakhs in Non-Plan and Rs. 2900 Lakhs in Plan for various activities. Apart from this, the Government of Rajasthan also provides an amount of Rs. 13.68 Lakhs in Non-Plan.

In order to further develop the Institute, it is proposed to undertake the following activities in the future so that the Institute may attain a name of its own not only in the country, but internationally also:

Deemed University Status Active participation in various Programs of Department of AYUSH. Setting up of WHO Collaboration Centre Introduction of Post-Graduate Diploma Courses in some Subjects Further improving the Quality of Higher Education in Ayurveda Starting Panchakarma Technician Course Providing expertise to foreign countries interested in Ayurveda Further Strengthening the Foreign Exposure Training Programs for Foreign Medical and Non-Medical Professionals interested in acquiring basic knowledge and higher knowledge of Ayurveda Organizing Seminars/Conferences/Workshops on various Subjects Setting up of more Specialty Clinics Undertaking various Research Activities for the welfare of mankind Development of Museum in various Departments Accreditation of NIA Hospitals with National Accreditation Board for Hospital of Quality Council of India Setting up of Micro-Biology Laboratory, Pharmacology Research Laboratory, Drug Standardization and Quality Control Laboratory Infrastructure Expansion Programs like Re-Construction for a Multi-Storey well-equipped Hospital in the heart of the City, Construction of Multi-Storey Buildings for Academic Activities, Hospital Expansion, Deluxe, Cottage and Cubical Wards, Central Laboratory etc. in the Campus Enriching Teaching Departments, Hospitals, Laboratories, Pharmacy etc. with more equipments and instruments, etc.

With all these services, facilities, infrastructure suiting to a national level institution, the Institute is marching forward to achieve various goals set by the Department of AYUSH, especially in the upgradation of education, training and patient care activities in order to project Ayurveda globally as the strong System of Medicine in the world which not only eliminates the root cause of diseases but helps to lead a sound and healthy life and in preventing avoidable life-style related diseases.

With these humble words, I present the Annual Report and the Audited Statement of Accounts of the National Institute of Ayurveda pertaining to the Financial Year 2013-2014 before the authorities.

PROF. MAHENDRA SINGH MEENA
DIRECTOR

NATIONAL INSTITUTE OF AYURVEDA

ADMINISTRATIVE REPORT

A. INTRODUCTION

The City of Jaipur was established 284 years back and by linking with it, the Institute has a glorious tradition of about 150 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 under the Rajasthan Societies Registration Act of 1956. 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 1970.

The Institute has a Governing Body consisting of 16 Members and Presided over by Hon'ble Union Minister of Health and Family Welfare. There is a Standing Finance Committee Chaired by Joint Secretary, Department of AYUSH, Government of India. There is also an Institutional Ethics Committee to govern, regulate and review various research proposals in the Institute. This is constituted on the Guidelines stipulated by ICMR in its Ethical Guidelines for Biomedical Research on Human Subjects.

During the last 38 Years of its existence, the human resources produced by the Institute is 1915 Graduates, 1515 Post-Graduates, 194 Research Fellows(Ph.D.(Ayu), 266 Diploma holders in AYUSH Nursing & Pharmacy and 28 Panchakarma Attendants.

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.

The Institute had been providing Training Programs for Medical and Non-Medical Professionals of Foreign Countries whenever required for which the Institute had been granted Standing Permission by the Department of AYUSH. So far around 18 Medical and Non-Medical Professionals from USA, South Korea, Malaysia were given training under this program.

The Institute is offering the Under-Graduate Course of BAMS with 92 Seats, Post-Graduate Courses of MD/MS(Ayurveda) with 104 Seats, Fellowship Programs (Ph.D.(Ayu) with 28 Seats, a Diploma Course in AYUSH Nursing and Pharmacy with 30 Seats and a Panchakarma Attendant Certificate Course with 20 Seats. The 14 Specialities of Ayurveda that are available for PG and Ph.D. Courses are Agad Tantra, Dravya Guna, Kaumar Bhritya, Kayachikitsa, Maulik Siddhanta, Panchakarma, Prasuti Stri Roga, Roga & Vikrit Vigyan Rasa Shastra & Bhaishajya Kalpana, Sharir Rachana, Sharir Kriya, Shalya Tantra, Shalakya Tantra and Swastha Vritta.

3 Seats in the PG Course are reserved for Candidates from BIMSTEC Countries, i.e. Bangladesh, Myanmar, Sri Lanka, Thailand, Bhutan and Nepal. Similarly 1 Seat in Regular Fellowship Program(Ph.D.(Ay) is also reserved for Candidates from Sri Lanka.). Candidates from Sri Lanka, Nepal and Bangladesh are studying in the Institute under these programs. 1 Seat is also available in the Graduate Course of BAMS for foreign nationals sponsored by the Department of AYUSH.

The Institute is also organizing Training Programs like TOT, CME, etc. and provides Trainings to Teachers and Medical Officers of various States to update their knowledge in the field of Education, Research, Treatment aspects etc. The Institute also deputed its Teachers as Experts and Resource Persons to various Ayurvedic Colleges, Institutions, Organizations etc. to provide their expertise in these fields for the benefit of such institutions in similar training programs. The Teachers also provide their expertise in various national and international seminars, conferences, workshops etc. and being faculty members of NIA, they are also associated with various Committees, Boards etc. of Ayurvedic institutions throughout the country. Many teachers of the Institute are also included in various Committees of CCIM for review and formulation of Syllabus and Curriculum of Graduate and Post-Graduate courses for the country.

The Institute is committed to provide high quality medical care to all sections of the society and for this, it has a full-fledged 300 Bedded Hospital with all infrastructures, staff etc. in its IPD, OPD, Laboratories, etc. and also manages a number of Specialty Clinics like well-equipped Panchakarma Unit, Clinics for Diabetes, Geriatric, Vitiligo, Child Mental Health, Kshara-Sutra and various Para-Surgical Procedures, Yoga, etc. Medicines in IPD and OPD are dispensed free of cost to the patients. These Medicines are prepared in the

Pharmacy of the Institute to meet requirements of Hospital to the maximum extent. A Primary Emergency Care Unit is also functioning in the Hospital to meet in-house emergencies.

The Hospital is attached with OPD, Laboratory offering various investigation Facilities like X-ray, TMT, Sonography, Pathological and Biochemical etc. The best classical Panchakarma Therapies are also offered in the well-equipped Panchakarma Unit. Patients are looked after and followed-up with utmost care to their satisfaction.

The Institute has good infrastructure and it is being further enriched with the financial assistance provided by the Department of AYUSH through Grant-in-aid in Plan and Non-Plan heads. It has separate Administrative Block, Academic Blocks, Hospital Block, a 500 Seated AC Auditorium, Lecture Theatres, Hostels, National Repository of Authentic Drugs, Pharmacy (Raw Drugs Store, Manufacturing Process, Finished Goods), Panchakarma Unit, OPD Facilities, IPD Wards with Deluxe, Cottage, Cubical and General Wards, OTs, Emergency Care Unit etc.

B. 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.

C. FINANCIAL POSITION

The Department 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 provided by the Department of AYUSH for the year 2013-2014. Apart from this, Government of Rajasthan also provided an amount of Rs. 13.68 Lakhs in Non-Plan:

(Rs. in lakhs)

Head	BE 2013-14	RE 2013-14	Actual Grant-in-aid Received in 2013-14	Actual Expenditure upto 31-3-2014
Non-Plan	Rs. 2274	Rs. 2260	Rs. 2142	Rs. 2406.10
Plan	Rs. 4380	Rs. 3050	Rs. 2900	Rs. 1845.71

D. COMMITTEES

1. Governing Body

The Apex Body of the Institute is the Governing Body, Presided Over by Hon'ble Minister of Health & Family Welfare, Government of India and comprising of the following Members, to control and manage the activities of the Institute.

- | | | |
|----|--|----------------|
| 1. | Hon'ble Union Minister of Health & Family Welfare | President |
| 2. | Minister for Medical, Health, Family Welfare & Ayurveda
Government of Rajasthan | Vice-President |
| 3. | Secretary
Department of AYUSH
Ministry of Health & Family Welfare | Member |
| 4. | Additional Secretary(FA)
Ministry Health & Family Welfare | Member |
| 5. | Joint Secretary(AYUSH)
Department of AYUSH
Ministry of Health & Family Welfare | Member |
| 6. | Adviser(Ayurveda)
Department of AYUSH
Ministry of Health and Family Welfare | Member |

7.	Principal Secretary(Ayurveda) Government of Rajasthan	Member
8.	Principal Secretary(Finance) Government of Rajasthan	Member
9.	Director(Ayurveda) Government of Rajasthan	Member
10-13.	Four Nominees of Government of India	Members
14-15.	Two Nominees of Government of Rajasthan	Members
16.	Director, National Institute of Ayurveda	Member-Secy.

2. Standing Finance Committee

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

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

3. Institutional Ethics Committee

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

1.	Prof. Mahesh Chandra Sharma Retd. Director of NIA & Director BL Duggar Ayurved Vishwabharati Sardarshahar(Churu)	Academician	Chairman
2.	Prof. Shashi Mohan Sharma Professor of Cardiology SMS Medical College, Jaipur	Clinician	Member
3.	Dr. BS Sharma Associate Professor of Pediatrics SMS Medical College, Jaipur	Clinician	Member
4.	Shri Sudhir Kumar Tewari Advocate, Rajasthan High Court	Legal Expert	Member

5. Dr. Rajesh Kumar Sharma Asstt. Professor of Political Science University of Rajasthan, Jaipur	Common-men Representative	Member
6. Dr. (Mrs.) Divya Shrivastava Deputy Director Institute of Biotech. & Allied Sciences Seedling Academy of Design, Technology & Management Jagatpura, Jaipur	Basic Medical Scientist	Member
7. Prof. HS Sharma Retired Professor of University of Rajasthan	Non-Government Voluntary Agency	Member
8. Prof. Ram Kishore Joshi Head of Department of Kayachikitsa National Institute of Ayurveda	Medical Scientist	Member
8. Prof. Hemantha Kumar Head of the Department of Shalya Tantra	Medical Scientist	Member
9. Prof. K. Shankar Rao Head of Department of Rasa Shastra National Institute of Ayurveda	Medical Scientist	Member-Secy.

E. ACADEMIC ACTIVITIES

1. 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 as well as the Institute.

2. Teaching Departments and their Nomenclature

The following 14 Teaching Departments impart both UG and PG Education in the Institute and are fully equipped with all the necessary facilities for a national level institution. Each Department is headed either by a Professor or an Associate Professor as Head of the Department:

1. <i>Agad Tantra</i>	Toxicology & Forensic Medicine
2. <i>Dravya Guna</i>	Materia Medica & Pharmacology
3. <i>Kaumar Bhritya</i>	Pediatrics
4. <i>Kayachikitsa</i>	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 & Vikrit Vigyan</i>	Diagnostic Procedure & Pathology
9. <i>Rasa Shastra & Bhaishajya Kalpana</i>	Ayurvedic Pharmaceuticals
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

3. 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 Seats for Girls along with reservation for SC, ST, OBC and PH as per Government of India norms.

Admission to BAMS Course was made by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur on the basis of the Merit of an 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.

During the year 2013-2014, 91 Students were admitted to the BAMS Course. 1 Seat remained vacant due to non-availability of Central Government nominee. The Category-wise admission made was: General - 42 (including 10 reserved for Girls), SC - 13, ST-7, OBC-24, PH-3, Foreign Nationals - 2. 329 Students were studying in different Classes of BAMS during the year 2013-2014. The Class-wise Students appeared in Examination and Passed Out during the reported year is given below:

Class	Appeared	Passed
1 st Professional (2011 Batch)	61	39
2 nd Professional (2009 & 2010 Batch)	53	36
3 rd Professional (2008 Batch)	42	42

Fees for the BAMS Course is Rs.27,00 for First Year, Rs.17,500 for the Second Year, Rs.17,500 for the Third Year and 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. A Stipend of Rs. 12,684 Per Month is paid to the Students during their one year Internship.

4. 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. All the above 14 Subjects are available for Post-Graduation.

During the year under Report, Admission to the PG Course was made from the Merit prepared on the basis of the PG Entrance Examination of Objective Type conducted by Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur. 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.

During the year, admission was made to 104 Seats. This included General - 45, SC - 13, ST - 5, OBC - 23, CGN - 7, PCGN - 5 and BIMSTEC - 2. 4 Candidates did not join the Course. 256 Scholars were studying in the Post-Graduate Course during the year 2013-2014. The Class-wise Scholars appeared in Examination and Passed Out during the reported year is given below:

Class	Appeared	Passed
M.D. Part-I (2011 and 2012 Batch)	97	95
M.D. Part-II (2010 Batch)	97	97

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

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. The Monthly Stipend provided 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.

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

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

Admission was made by the University after conducting a Screening Test and Interview. During the year under report, only 10 candidates could be admitted. The shortage was due to non-availability of candidates. 24 Fellows were undergoing the Fellowship Program during the year.

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. The Monthly Stipend provided 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.

6. 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 Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University on the basis of marks obtained in the qualifying examination of 12th Standard. 21 During the reported year, 21 Admissions were made. These were SC - 8, ST - 2, OBC - 1 and General - 10. 9 Seats were remained vacant due to non-availability of candidates. During the year under report, 74 students were studying in the Diploma Course and 22 Students passed out the Course. 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. 3400 is also charged per Year for Hostel, subject to availability. An amount of Rs. 500 Per Month is paid as Stipend to Students during their Internship.

7. Panchakarma Attendant Course – 20 Seats

The Panchakarma Attendant Course is of 4 Months duration including 1 month internship. The 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. During the year under report, 11 Candidates belonging to SC, 2 belonging to General and 1 in OBC were admitted. 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.

8. Achievements made by Students

The 1st and 2nd rank holders of final year BAMS were presented the “Jivika” and “Ayurvedvisarad Purashkar” by Himalaya Drug Co.

2 BAMS Interns were awarded the 2nd Prize in the National Level Quiz Contest, AYURWHIZ-2, organized by Himalaya Drug Co. They were the 2nd Prize Winners in the North-Zone Level Contest.

9. Herbal Garden for Demonstration

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. A number of medicinal plants and herbs have been planted in the garden.

F. 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, Audiometer, Geriatric Unit, Dietary Unit, Orthopedic Unit, Child Mental Health Unit, Shivtra Roga & Tvaka Roga Clinic, Treatment of Anorectal, Jalokavacharan, Agnikarma, Pregnancy Test, Vaccination Unit, etc. Special treatment facilities are available for various eye diseases and disorders, other ENT related disorders. There is an Ambulance available in the hospital to take care of patients in any emergency case.

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

The IPD Registration Fee is Rs. 20. Staff and Students of the Institute, Senior Citizens and Freedom Fighters are exempted from IPD Registration Fee. During the period under report, the Institute received an amount of Rs. 85,060 from IPD Registration and Rs. 7,23,450 from Cottage, Cubical and Deluxe Wards facilities.

1. NIA Campus Hospital - Outdoor Hospital

The OPD attached to the Hospital are managed by all the 14 Departments with various Units and Specialty Clinics. During the year, the total number of patients attended the OPD was 1,96,822 out of which 75,029 were newly registered. Medicines for 13,69,711 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	10545	6298	798	17641	17015	10531	1090	28636	46277
2.	Panchakarma	5109	3454	253	8816	10504	6929	378	17811	26627
3.	Shalya Tantra	9229	5574	596	15399	15022	9530	727	25279	40678
4.	Shalakya Tantra	5153	3489	413	9355	6868	4614	745	12227	21582
5.	Prasuti and Stri Roga	4	8019	0	8023	6	12003	0	12009	20032
6.	Bala Roga	3	1	3264	3268	5	1	6410	6416	9684
7.	Swastha Vritta	483	325	5	813	754	463	5	1222	2035
8.	Maulik Siddhanta	1806	1199	22	3027	3318	2182	29	5529	8556
9.	Rasa Shastra	341	215	2	558	618	384	2	1004	1562
10.	Dravya Guna	395	236	0	631	588	336	0	924	1555
11.	Roga & Vikriti Vigyan	1526	1014	12	2552	2758	1798	19	4575	7127
12.	Agad Tantra	491	323	3	817	735	453	4	1192	2009
13.	Sharir Kriya	1554	998	18	2517	2660	1703	18	4381	6951
14.	Sharir Rachana	239	166	5	410	368	215	5	588	998
15.	Primary Emergency Care Unit	532	609	67	1149	-	-	-	-	1149
	Total	37410	31920	5691	75029	61219	51142	9432	121793	196822

The main activities and their corresponding room numbers in the OPD are as under:

Sl.No.	Department	Allotted Room	Allotted Day in a Week	Specialty/Unit
1.	Department of Kayachikitsa	1, 7, 21, 22	Whole Week	Rasayan and Geriatric
2.	Department of Panchakarma	2, 21	Whole Week	Asthi, Sandhi and Manspeshi
3.	Department of Shalya Tantra	4, 28, 29, 32	Whole Week	Guda, Asthi, Jalauka evam Agnikarma
4.	Department of Shalakya Tantra	10, 12, 13, 14, 15	Whole Week	Eye, Dental and Ear
5.	Department of Prasuti & Stri Roga	26, 27	Whole Week	Pregnancy Test,
6.	Department of Bala Roga	5, 6	Whole Week	-
7.	Department of Swastha Vritta	18	3 Days	-
8.	Department of Maulik Siddhanta	17	Whole Week	-
9.	Department of Rasa Shastra & BK	18	4 Days	-
10.	Department of Dravya Guna	25	4 Days	-
11.	Department of Roga & Vikriti Vigyan	19	Whole Week	-
12.	Department of Agad Tantra	25	3 Days	-
13.	Department of Sharir Kriya	3	4 Days	Shivtra(Vitiligo), Twak Roga
14.	Department of Sharir Rachana	3	3 Days	-

2. NIA Campus Hospital - Indoor Hospital

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

S.N.	Department	Duration	Grand Total			
			M	F	C	T
1	Kayachikitsa	01.04.13 - 30.06.13	24	16	-	40
		01.07.13 - 31.03.14	30	20	-	50
2	Panchkarma	01.04.13 - 30.06.13	40	20	-	60
		01.07.13 - 31.03.14	40	20	-	60
3	Shalya	01.04.13 - 30.06.13	20	10	-	30
		01.07.13 - 31.03.14	14	6	-	20
4	Shalakya	01.04.13 - 30.06.13	20	10	-	30
		01.07.13 - 31.03.14	20	10	-	30
5	Sreedhareeyam	01.04.13 - 30.06.13	4	-	-	4
		-	-	-	-	-
6	Prasuti	01.04.13 - 30.06.13	-	30	-	30
		01.07.13 - 31.03.14	-	30	-	30
7	Bala Roga	01.04.13 - 30.06.13	-	-	30	30
		01.07.13 - 31.03.14	-	-	30	30
8	Swasthavritta	01.04.13 - 30.06.13	6	1	-	7
		01.07.13 - 31.03.14	6	1	-	7
9	Moulik.Sidh.	01.04.13 - 30.06.13	6	1	-	7
		01.07.13 - 31.03.14	7	1	-	8
10	Ras Shastra	01.04.13 - 30.06.13	6	1	-	7
		01.07.13 - 31.03.14	6	1	-	7
11	Dravyaguna	01.04.13 - 30.06.13	6	1	-	7
		01.07.13 - 31.03.14	6	1	-	7
12	Rog Vigyan	01.04.13 - 30.06.13	6	1	-	7
		01.07.13 - 31.03.14	7	1	-	8
13	Agad Tantra	01.04.13 - 30.06.13	6	1	-	7
		01.07.13 - 31.03.14	6	1	-	7
14	Sharir Rachana	01.04.13 - 30.06.13	6	1	-	7
		01.07.13 - 31.03.14	7	1	-	8
15	Sharir Kriya	01.04.13 - 30.06.13	6	1	-	7
		01.07.13 - 31.03.14	7	1	-	8
	TOTAL		156	94	30	280

During the year under report, the total patients treated in IPD were 74,189 out of which 5,152 were new. The Bed Occupancy Rate was 72.59%. The patients treated at IPD level were as under:

Sl.No	Department	New Patients				Old Patients				Grand Total
		Male	Female	Child	Total	Male	Female	Child	Total	
1.	Kayachikitsa	548	500	3	1051	9607	10508	66	20181	21232
2.	Panchakarma	453	312	17	782	9614	5969	611	16194	16976
3.	Shalya Tantra	696	222	15	933	5499	3858	34	9391	10324
4.	Shalakya Tantra	123	99	18	240	1386	1129	370	2885	3125
5.	Sharir Rachana	9	7	0	16	215	155	0	370	386
6.	Prasuti & Stri Roga	0	1249	3	1252	0	6577	14	6591	7843
7.	Bala Roga	0	0	434	434	0	0	4988	4988	5422
8.	Swastha Vritta	14	14	0	28	187	154	0	341	369
9.	Maulik Siddhanta	62	41	2	105	1780	514	11	2305	2414

10.	Rasa Shastra	37	20	0	57	479	290	0	1039	1096
11.	Dravya Guna Vigyan	5	6	0	11	396	124	0	520	531
12.	Roga Vigyan	73	44	4	121	1170	900	61	2131	2252
13.	Agad Tantra	19	16	0	35	279	622	0	1593	1680
14.	Sharir Kriya	55	32	0	87	971	622	0	1593	1680
	Total:	2094	2562	496	5152	31853	31029	6155	69037	74189

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(Reanal Calculus), Bhrama(Vertigo), Unchcharaktachapa(Hyper Tension), Nadidourbalya & Mansakshaya(-M.N.D.).

3. Cottage, Cubical and Deluxe Wards

There are 2 Air-conditioned Deluxe Wards, 4 Air-conditioned Cubical Wards and 5 Cottage Wards for which Rs. 500, Rs. 300 and Rs. 250, respectively, is charged per day. There is good demand for these wards throughout the year.

4. Labour Room and Operation Theatre

There is a well-equipped Labour Room and Operation Theatre equipped with the required instruments and equipments for obstetrical and gynecological and other major and minor surgical procedures. During the year under report, the number of operations conducted in the Operation Theatre is given below :

Sl. No.	Procedure	Number
1.	L.S.C.S.	29
2.	Hysterectomy	7
3.	Normal Delivery (in labour room)	85
4.	Cu-T insertion/removal	11
5.	Other Gynaecological Procedures	09
6.	Procedures done in Shalya OT	651

5. Shalakaya Operation Theatre

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

Sl. No.	Procedure	Number
1.	Pterygium Excision	12
2.	Cataract	45
3.	Foreign Body Removal	02
4.	Corneal Debridement	02
Total		61

6. Diets(Pathya) to Patients

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

Diet No.	Food Items	Milk	Fruits
No.1	Chapaties,Pulses (Mung) Vegetables	250 ml	200 gm
		250 ml	
No.2	Dalia Dal(Mung)	500 ml	200 gm
		500 ml	
No.3	Rice-Khichdi Dal(Mung)	500 ml	200 gm
		500 ml	
No.4	Barely-Dalia, Barely-Chapaty	250 ml	200 gm
		250 ml	

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	-

7. 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. 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, Gastro-Enteritis, Diarrhea, Dehydration, Haemorrhage, Trauma, Retention Urine, etc. are treated. During the year under report, 1149 Patients suffering from COAD (Chronic Obstructive Airway Disease), Diabetes Mellitus, Hypertension, Gastroenteritis, Diarrhea, Dehydration, Haemorrhage, Trauma, Urine Retention, etc. were managed and treated.

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 the 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 the patients. Diets served to the patients, as recommended by the physicians, are also checked and ensured every day.

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 the problems of the patients. Surprise visits are also conducted by Director.

8. NIA City Hospital

Outdoor: This 20 Bedded Hospital is situated in the heart of the Walled City, in the busy Kishanpole Bazar, 4 Kms. away from the main Campus. There is an OPD attached to the Hospital managed by the Teachers of the Departments of Kayachikitsa, Panchakarma, Shalya Tantra, Shalakya Tantra, Roga and Vikriti Vigyan, Sharir Rachana, Sharir Kriya, Rasa Shastra & Bhaishajya Kalapana, Maulik Siddhanta, Dravya Guna, Swastha Vritta, Stri & Prasuti Roga and Bala Roga. During the year, the total attendance of patients in the OPD was 26,072 out of which 17,436 were newly registered, as below:

Sl.No	Department	New Patients				Old Patients				TOTAL
		Male	Female	Child	Total	Male	Female	Child	Total	
1.	Kayachikitsa	1677	607	77	2361	815	325	20	1160	3521
2.	Shalya Tantra	4017	1713	198	5928	1997	1277	98	3372	9300
3.	Shalakya Tantra	55	11	5	71	15	10	0	25	96
4.	Rasa Shastra	819	275	24	1118	292	82	1	375	1493
5.	Roga & Vikriti Vigyan	754	269	23	1046	224	85	11	320	1366
6.	Sharir Rachana	96	21	3	120	41	11	1	53	173
7.	Sharir Kriya	1181	541	58	1780	630	296	14	940	2720
8.	Panchakarma	1027	415	40	1482	478	237	8	723	2205
9.	Dravya Guna	323	84	8	415	137	35	0	172	587
10.	Swastha Vritta	1254	634	98	1986	773	197	40	1010	2996
11.	Maulik Siddhanta	551	339	40	930	239	186	6	431	1361
12.	Prasuti Tantra	28	44	1	73	7	16	1	24	97
13.	Bala Roga	96	18	12	126	28	3	0	31	157
Total:		11878	4971	587	17436	5676	2760	200	8636	26072

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 belonged to Madhumeha, Tamak Shwasa, Amlapitta, Pratishaya, Kasa, Sandhivata, Amavata, Vatarakta, Sandhishoola, Pakshaghata, Chikungunya, Arsha, Parikartika, Swetapradara, Ajirna, Vibandha, Mutrakrichcha, Prameha, Uchchraktachapa, Sthoulya, Snayu Dourbalya, Sukrameha, Avsada, Switra, Twakavikara, Jwara, Atisara, Grahni, Pravahika, Anaha, Pandu, Kamla, Khalitya, Palitya, Dardaka, Yuvan Pidika, Gridhrasi, Katishoola etc.

During the year, 1,845 were treated in the IPD out of which 42 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	3	1	0	4	71	13	0	84	88
2.	Shalya Tantra	34	4	0	38	1652	67	0	1719	1757
	Total:	37	5	0	42	1723	80	0	1803	1845

9. Satellite Hospital

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

During the year, the total attendance of patients was 8,350 out of which 3,181 were newly registered, as below:

Sl.No.	Department	New Patients				Old Patients				Grand Total
		Male	Female	Child	Total	Male	Female	Child	Total	
1.	Maulik Siddhanta	350	181	15	546	497	277	2	776	1322
2.	Sharir Rachana	252	163	14	429	372	280	6	658	1087
3.	Roga & Vikriti Vigyan	465	375	30	870	949	834	32	1815	2685
4.	Rasa Shastra	255	177	6	438	375	261	5	641	1079
5.	Shalya Tantra	273	156	7	436	349	248	9	606	1042
6.	Kaya Chikitsa	287	161	14	462	395	269	9	673	1135
	Total:	1882	1213	86	3181	2937	2169	63	5169	8350

10. Rahabilitation and Physiotherapy Unit

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

11. Haematology Biochemistry Unit

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

12. 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.

13. 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.

14. Yoga and Naturopathy Unit

A Yoga and Naturopathy Unit was established under this Department separately where Yoga and Pranayam are conducted everyday for better fitness of patients and for general public. The Department is also providing naturopathic treatment through hydrotherapy and mudtherapy. Various Asanas, Pranayam, Kunjal, Sutra Neti, Vastra Dhauti, Kati Snana, Pada Snana, Mitti Chikitsa(Sarvanga) and Mitti Chikitsa(Sthanik) etc. are conducted daily. During the period under report, the total number of patients attended were 7,685.

15. Central Laboratory

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

G. SCP & TSP SCHEME - MOBILE CAMPS FOR SC AND ST PUPULATION

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 10 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 33 Camps were organized in the Villages and Settlements in the SC and ST inhabited Districts of Udaipur, Banswara, Dungarpur, Sirohi, Jaisalmer, Ajmer, Sikar etc. The total patients benefited were 27,826. The Budget Provision of Rs. 100 Lakhs provided under SCP-TSP for these activities were fully utilized during the year. Medical Camps were also organized under various programs of Govt. of India like Bharat Nirman Abhiyan, Public Information Bureau, Arogya Melas, Health Missions etc. to spread awareness among the public. Faculty Members of various Departments, Para-Medical Staff and PG scholars participated in these Camps.

The Institute also organized regular 1-Day Camps in Jaipur City and nearby areas to extend patient care activities to various localities from where people find it difficult to come over to the Institute for consultation and treatment.

H. PHARMACY

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

The Pharmacy is equipped with modern equipments and machineries like Micro Pulveriser, Disintegrator, Shifter, Mixer, Mini Pulveriser, Pouch-making Machine, Cutting/Chopping Machine, Dryer, Dranulator, 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 the various types of medicines required for hospitals for dispensing in IPD and OPD, the Pharmacy also prepares medicines required for various research purposes of Ph.D., PG scholars and Teachers. Such medicines are

prepared in the presence of the research scholars concerned in order to make them understand and gain the knowledge of various ingredients used, methods and various stages of preparation.

During the period under report, 339 Types of Medicines (32,750 Kg.) worth Rs. 1,03,80,622 were manufactured registering an increase of 2,925 Kg. as compared to last year.

I. LIBRARY

Library of the Institute is presently functioning in the Academic Block and will be shifted to a new 4-storey building which is in the final stage of finishing. The new building has ample space and provisions to meet the requirements of a good Library. 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. During the year under report, 1030 new publications were added. The Library has more than 26,346 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 20,000 times. Open Access System is maintained and books are arranged in classified order. Reader Tickets are issued to students to get books for study at their residence. The Library remains open for 12 hours on all working days. On Sunday and other Government 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.

J. WI-FI CAMPUS

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 800 Users, spread over Teachers, Officers, Staff, Scholars and Students, are using the Wi-Fi facility in the Campus. The Institute has a well-equipped and well-furnished IT Centre with 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 3305 times, i.e. 1745 times by the scholars and 1560 times by the faculty members and others.

K. AUDITORIUM

The Institute has a fully air-conditioned Auditorium in the campus with a 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. This is being used for weekly seminars by Departments, cultural activities of students and staff of the Institute. Apart from Institute's own use, the Auditorium is also rented out to educational institutions and organizations for seminars, meetings and other programs.

L. INTERNATIONAL ACTIVITIES

Foreign Delegations had been visiting the Institute to have a first-hand knowledge about Ayurvedic education, training, research and patient care services offered and also to study functioning of Ayurvedic institutions under Government control in India. The Institute had been extending all possible helps and cooperation to foreign delegations and dignitaries visiting the Institute and thus had been involved in various international activities. During the period under report, following were the international activities in the Institute:

- A Fiji Delegation led by Dr. Neil Sharma, Hon'ble Health Minister and Mr. Yogesh Karan, Hon'ble High Commissioner of Fiji in India, visited the Institute on 1-6-2013. They were shown various teaching, training, patient care activities, the raw drugs, the Manufacturing Process, the Finished Products, etc. They were also taken to the Panchakarma Unit where they were shown various

Therapies being applied on Patients, the Hospital (OPD, IPD., OT, Primary Emergency Care Unit) Central Laboratory, the Herbal Garden in the Campus, etc. The National Repository of Authentic Ayurvedic Crude Drugs of the Institute was very much interesting for them. They eagerly enquired about spurious and adulterants that are similar to authentic drugs. Their queries were explained in detail, to their satisfaction. A Presentation on "Ayurveda" and "NIA" was also made. All the Faculty Members were present on the occasion. The Hon'ble Minister was very keen to have collaboration with the Department of AYUSH and NIA for training, exchange of Doctors, etc. for adopting Ayurveda in their country for their health care needs.

- An MOU was signed for Collaboration in the field of Education, Training, Research, Treatment, Publication etc. with the University of West Indies and the same was submitted to the Department of AYUSH for onward transmission to University of West Indies for their signatures for taking up the task under the MOU.
- The Institute deputed Dr. Gopesh Mangal, Lecturer of the Department of Panchakarma was to Malaysia for one year to help the Government Ayurveda Hospitals in Malaysia for propagation, development and adoption of various Panchakarma Therapies.
- Dr. Imre Semsei and Dr. Szalkai Ivan of the Gerontology Science Coordination Center, Nyiregyhaza, Hungary visited the Institute as part of an MOU signed with the Gerontology Science Coordination Center of Hungary. The Hungarian Delegation presented the outline and major points of the MOU and discussed in details on various protocols to be developed for study.
- A Mozambique Delegation, consisting of 4 Members, led by Dr. Felisbela Gaspar visited the Institute to study various academic, research and patient care services offered in the Institute. The delegation discussed Regulatory, Teaching Methodology and Research related issues on Ayurveda.
- 2 Experts from Spain, led by an Executive Director of the European Network of Occupational Therapy in Higher Education, and former Director of Department of Occupational Therapy at the Hogeschool, Amsterdam and Director of Studies, MA Erasmus Mundus in Euroculture Department of Modern Languages, Faculty of Social and Human Sciences, University of Deusto, visited the Institute as part of their feasibility study of various parts of India on improving competitiveness, benefit of higher education curriculum, increase degree recognition at the international level and ascertain the strategic objectives of India Higher Education System. They held discussions with Director, Dean and Faculty Members.

M. PARTICIPATION IN AROGYA MELAS

The Institute actively participated in the Arogya Mela at Chandigarh jointly organized by Department of AYUSH, Government of Punjab and FICCI in May 2013, in the Arogya Mela at Lucknow jointly organised by Department of AYUSH, Government of Uttar Pradesh and FICCI In October 2013, in the Arogya Mela at Jammu & Kashmir jointly organised by Department of AYUSH and Government of Jammu & Kashmir in December 2013, in the Arogya Mela at Kolkatta jointly organised by Department of AYUSH and Government of West Bengal in February 2014 and in the Arogya Mela at Jaipur organised by Government of Rajasthan in February 2014. Faculty members, staff and scholars were deputed for projecting various activities of the Institute Stalls in the Stalls exhibited by the Institute. Various information on teaching, training and patient care activities of the Institute were exhibited and projected through brochures, leaflets, pamphlets, etc. "Prakriti Parikshan" was arranged in the Institute Staff for the benefit of visitors and a number of visitors took the benefit of knowing their body constitution in order to follow diet, exercise, other routine Charyas like Dincharya, Ratricharya, Ritucharya, etc. as advised to each of them. Consultation and Medical Checkup were also provided to the visitors free of cost. Thousands of general public visited the NIA Stall.

N. PARTICIPATION OF TEACHERS IN MEETINGS, CONFERENCES, SEMINARS ETC.

A number of Faculty Members participated in various international and national conferences, workshops etc. and presented their articles and research papers. These events were: 166th OMICS Group Conference - International Conference and Exhibition on Traditional & Alternative Medicine, organized at Hyderabad; International Sanskrit Conference, organised by Sanskrit Academy, New Delhi; National Seminar on Scope of Translational Researches in Ayurvedic Medicine" organised by Banaras Hindu University, Varanasi; Global Ayurveda Festival 2014 organised at Kochi (Kerala); 12th Annual Conference - DFSICON 2013 - organised by Diabetic Foot Society of India; National Workshop for Development of Life Style Guidelines of Ayurveda for Rationalization and Standardization of Health Promotion organised by WHO Collaborating Centre for Traditional Medicines(Ayurveda) at IPGTRA, Gujarat Ayurved University, Jamnagar; International Conclave on Current Researches in Healthcare organised at Bareilly; National Workshop on the Role of Panchakarma

in the Management of Chronic and Intractable Disease organised by National Academy of Panchakarma and Research, Department of Kayachikitsa, Banaras Hindu University, Varanasi; Workshop on Recent Advancement of Panchakarma-2013 organised by Rishikul Government Ayurvedic College & Hospital, Haridwar; National Conference on Recent Advancements in Ayurveda organised at Haridwar; National Seminar on Role of Ayush in NRHM held at Ranchi; 12th Annual Conference on Diabetic Foot, organised by Society of India at Jaipur; National Conference on Radiation and Cancer organized at Worli, Mumbai; National Seminar on Role of Ayurveda in Management of Geriatric Disorders organized at Shree Ayurved College, Nagpur; National Ayurveda Summit, organized at Gandhinagar, Gujarat; Charaka Samhita : New Edition Meet organized at Banaras Hindu University, Varanasi; National Training Workshop on Research Methodology for Academicians and Researchers of North Eastern States, organized by CCRAS at Guwahati, Assam; 3rd Indo-Euro Conference on Holistic Medicine organised at Koyattam (Kerala); National Workshop on Recent Advances in Embalming and Museum Development Techniques; International Conclave on Current Researches in Health Care, organized by Journal of Ayurveda : AYUSHYA at Bareilly, (Uttar Pradesh); International Conference on Environment and Humanities ECO REVOLUTION -2013 organised by Pokhara Engineering College held at Pokhara, Nepal; etc.

O. PUBLICATIONS (JOURNAL OF AYURVEDA, NEWSLETTER, IEC MATERIALS)

Apart from teaching, training, patient care and research activities, the Institute has also been publishing Journal of Ayurveda and NIA Newsletter:

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. duly pre-reviewed and approved by Subject Experts concerned. The Journal is useful not only to students, scholars and researchers but also to the Ayurvedic Teachers, Medical Officers working at various levels. The Journal has a very wide subscription base. During the year, 6 issues of the Journal were released.

NIA Newsletter: The Institute is regularly publishing a bi-monthly 'NIA Newsletter' projecting various activities of the Institute to readers. In addition to the significant activities of the Institute in a quarter, the newsletter also carries health quotes from ancient Ayurvedic Samhitas and from other sources. The Newsletter is distributed to Research Councils, Institutes, Ayurvedic Colleges, Institutes, Organisations, Libraries, etc. free of cost. During the year, 6 issues were released.

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

P. BOOKS AUTHORED AND PUBLISHED BY FACULTY MEMBERS

Following Faculty Members authored the following Books and have also contributed Chapters to various Books of their respective specialties:

- Prof. M S Meena, Professor and Dr. C R Yadav, Assistant Professor authored 2 Books titled 'Rog Vigyan Evam Vikriti Vigyan(Part-2-Vikriti Vigyan)' and 'Sharir Rachana Evam Kriya Vigyan'.
- Prof. K. Shankar Rao, Professor authored 3 Books titled " Hiraka Bhasma (A Diamond Preparation) in Carcinoma", "Wound Healing Studies on Medicated Oils" and " Toxicity Study of Vangeshwar Rasa and Swarnavanga".
- Prof. Ram Kishore Joshi, Professor authored 4 Books titled "Manas Rog Vigyan, Part-I" and "Manas Rog Vigyan, Part-II", "Internal Medicine - Kayachikitsa Part-I" and "Hradya Roga and Ayurveda Treatment" out of which 2 Books are under publication.
- 6 Books, authored by Dr. Pawan Kumar Godatwar, Associate Professor, on the following topics were under publication:
 1. Research Methodology and Statistics.
 2. VaajikaranaTantra: Ayurvedic Sexuality Medicine.
 3. Acquired Immunodeficiency Syndrome (AIDS) : Ayurvedic Perspective.
 4. Text book of Roga and Vikriti VijñānaVol-I.
 5. Text book of Roga and Vikriti VijñānaVol-II.
 6. Text book of Roga and Vikriti VijñānaVol-III.

- Dr. B. Swapna, Lecturer authored a Book titled "Role of Pracchana and Jalaukavacharana as Anusastra in Vicharchika (Eczema)".
- Dr. Rajendra Prasad Sharma, Asstt. Professor and Dr. Moharpal Meena, Lecturer jointly authored a Book titled "Ayurvediya Rasashastra."
- Dr. Asit Kumar Panja, Lecturer authored a book titled "Antimicrobial Activity in Ayurveda and Role of Herbs on Gram-ve Bacteria" published by Lambert Academic, Germany (ISBN 978-3-659-46908-4), September 2013.
- Dr. Sarvesh Kumar Agrawal, Lecturer, authored a Book titled "Hatha Yoga Pradipika".
- Dr. Govind Pareek, Assistant Professor authored 1 Book titled "Charak Chandrika".
- Dr. Govind Pareek, Assistant Professor authored and published a supplementation of earlier published book "Ayurveda Samgrah".

The Members of Faculty are associated with a number of academic bodies in Ayurveda and have represented in the administrative and academic bodies like, Board of Management, Academic Council, Faculty of Ayurveda, Standing Committee on Academic Affairs, Board of Studies, Examiners Body etc. of various Universities and organizations. They are also actively engaged in interaction with various organizations like CCRAS, CCIM, NMPB, IPGTRA and other academic institutions and Universities for the development and progress of Ayurvedic Education, Training, Research and Treatment.

The Faculty Members of the Institute have authored many papers to their credits and have publications in the following Journals of repute: Journal of AYUSH; Journal of Ayurveda; International Journal of Research in Ayurveda and Pharmacy; International Journal of Ayurvedic and Herbal Medicine; International Journal of Ayurveda and Allied Sciences; International Journal of Research and Pharmacy; International Ayurveda Medical Journal - IAMJ; Journal of Pharmaceutical and Scientific Innovation; Journal of Homeopathy & Ayurvedic Medicine; Journal of Vishwa Ayurved Parishad; Annals of Ayurvedic Medicine; Aryavaidyan; Ancient Science of Life; Deerghayu International Journal for Ayurveda & Health Science; International Journal of Ayurveda and Integrative Medicine; International Journal of Ayurvedic Medicine; International Journal of Innovative Research and Development; International Journal of Research in Ayurveda and Research; Journal of Ayurveda and Holistic Medicine; Journal of Ayurveda and Integrative Medicine; Journal of Ayurveda Research- Ayushya; Journal of Biological and Scientific Opinion; Journal of Vishva Ayurveda Parishad; Punarnava International Journal of Ayurveda and World Journal of Pharmacy and Pharmaceutical Science etc.

Q. GENERAL ACTIVITIES

- Around 30 school children from remote areas of Jammu and Kashmir visited the Institute as part of an educational-cum-motivational tour to various parts of the country. They were shown various activities of the Institute including the Hospital Services. They were surprised to see such a large Institute engaged in the field of Ayurvedic Education, Training, Patient Care Services etc. The tour was organized under the "Operation Sadbhavana" of the Indian Army. The tour was aimed at giving the children an opportunity to explore the vast diversity of the country and interact with different people living in various States of the country as they have only read about various places and people of our country in the books and in the tour, with the help of the Indian Army, they get an opportunity to visit these places and see the beauty and incredible India. This endeavour of the Indian Army has brought smiles to the children and this would be a great opportunity for them towards becoming responsible citizens of the country. The children were accompanied by Officers of the Indian Army and 2 teachers.
- A Meeting of Assessment Promotion Committee was held on 15-4-2013 to consider Promotion of Lecturers to the Non-Functional Cadres of Assistant Professor. On its recommendations and due approval of President, Governing Body, 11 Lecturers were promoted to the Posts of Assistant Professor in different subjects.
- A Meeting of Departmental Promotion Committee(Group-B) was held on 4-6-2013 to consider Promotion to 1 Post of Store Officer. On the recommendation of the Committee and due approval of President, Governing Body, 1 incumbent was promoted to the Post of Store Officer.
- A Meeting of Selection Committee and Departmental Promotion Committee (Group-A) was held on 10-1-2014 under the Chairmanship of Shri Raj Pratap Singh, Joint Secretary, Department of AYUSH to fill up vacant teaching posts. On the recommendation of the Committee and due approval of President, Governing Body, 1 Post of Professor(Shalya), 2 Posts of Associate Professor(Roga Vigyan and Agad Tantra) were filled.

- A Meeting of Departmental Promotion Committee(Group-A) was held on 23-9-2013 under the Chairmanship of Shri Nilanjan Sanyal, Secretary, Department of AYUSH at New Delhi to consider Promotion to 1 Post of Deputy Director(Admn.). On the recommendation of the Committee and approval of President, Governing Body, one Administrative Officer was promoted to the Post of Deputy Director(Admn.).
- The 48th and 49th Meetings of Standing Finance Committee were held on 14-6-2013 and 23-9-2013 under the Chairmanship Joint Secretary, Department of AYUSH in which various proposals were considered and recommended for development and progress of the Institute.
- A 6-Storey Girls Hostel Building was nearing completion to accommodate 66 Students.
- A 4-Storey Library-cum-Academic Block was also nearing completion to provide space for Library, Lecture Rooms and other academic activities.
- A Fountain was installed in the main entrance of the Institute as part of beautification program of the Campus.
- The Bisalpur Water, supplied in the City of Jaipur which is of high quality potable water comparable to RO quality, has now been made available in the Institute. For the last 30 years, the Institute had been facing great difficulty in getting good quality drinking water for staff, students, patients, etc. Now with the arrival of best quality Bisalpur Water in the Campus, the Institute could overcome this difficulty.
- Some other expansion and improvement activities in the infrastructure facilities included the following: (A) Civil Works: Repairing of Staircase and Miscellaneous Work of SLR Hostel, Repair and Renovation of Diploma Students Hostel, Repair and Renovation of Flooring at Old Madhav Vilas Building(Yoga Unit), Providing and Fixing Wall Paneling in Committee and Meeting Room, Wardrobe in Administrative Building, Repair & Renovation of 3 Bathrooms at PG Hostel, Providing and Fixing Aluminum Partition in Administrative Block, Providing and fixing Hard Drawn Wire Fabric in Panchakarma Department, Providing and Fixing Flash Door, Gauge Door, PVC Doors in Quarters, Constructions of Additional Ramp from Panchakarma to IPD Hospital, Repair and Renovation of 3 Rooms attached with Gym Unit, Maintenance of Garden Area. (B) Electrical Works: Supply and Laying of LT Cable from Main LT Panel near Library to Cubical Ward, Providing & Installation of False Ceiling Fitting and Fixtures in Seminar Halls, Class Rooms and Administrative Wing, Supply, Installation Testing and Commissioning of 380 KVA DG Set and AMF Panel, Providing and Installation of Nw Electrical Installation at Mistrikhana Hostel and Providing and Installation of Exhaust Fans in Panchakarma Department.
- **Anti-Terrorism Day:** On the occasion of Anti-Terrorism Day on 21-5-2013, Director administered Pledge to Teachers, Officers, Staff, Scholars and Students who attended in good number.
- **Communal Harmony Campaign and Flag Day:** The Institute observed Communal Harmony Campaign and the Flag Day during in November 2013. On the occasions, Director administered the Pledge on 20-11-2013 to the Teachers, Officers, Staff, Scholars and Students for promoting communal harmony, fraternity and national integration. Distribution of Flag Stickers, Collection of Donation, etc. were organised and the donation of Rs. 4,020 collected from employees were sent to the National Foundation for Communal Harmony.
- **Sadbhavana Diwas:** The Institute celebrated Sadbhavana Diwas 19-8-2013. Director administered the Pledge on 19-8-2013 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.
- **Establishment Day:** Establishment Day of the Institute was celebrated on 7-2-2014. A Dhanwantari Puja was performed. On the occasion, 2 Employees of the Institute, Shri Pramod Kumar Sharma, Laboratory Technician and Shri Hari Shankar Sharma, Attendant were felicitated. They were presented with a Certificate of Appreciation, *Sripkala* and Shawl by Director in the presence of Teachers, Officers, Staff, Scholars and Students.
- **Sports and Games:** The Institute organized an Annual Sports and Games Activity "Purusharth - 2013" during 28-1-2014 to 6-2-2014 for students and scholars to upkeep their proper physical and mental health. Various sports activities like Cricket, Football, Volleyball, Badminton, Table Tennis, Chess, Carom etc. and cultural programs were organized with the participation of students and

teachers. Students, teachers and NIA Staff enjoyed the sports and cultural events with great enthusiasm. Prizes were distributed to the Winning Teams and individuals.

- **Public Grievances Cell:** This Cell was looked after by Dr. K. Sankara Rao, Professor. During the reported year, only 6 grievances were received and they were promptly attended to, the remedial measures taken and the complainants were informed accordingly. The data was also submitted to the Department of AYUSH.
- **RTI Cell:** The RTI Cell was looked after by Prof. Ram Kishore Joshi as Public Information Officer of the Institute. During the year, 58 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:** Prof. K. Sankara Rao, Professor acted as CVO of the Institute. During the year, no case of vigilance related matter was received. Vigilance Week was observed during 28-10-2013 to 2-11-2013 in the Institute. Director administered the Pledge to Teachers, Officers, Staff, Scholars and Students who gathered in good number.
- **SC-ST Cell:** The Liaison Officer for SC-ST related matters was Dr. K.L. Meena, Associate Professor and the In-Charge of the Cell was Dr. Ram Kishore Joshi, Associate Professor. 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.

R. HOSTELS

Presently the Institute has the following Hostels for UG Students, PG and Ph.D. Scholars with 374 Seats in the Campus and at Jawahar Nagar. With the completion of finishing work of the newly constructed Girls Hostel, 66 more girl students of PG and UG will be accommodated in the Campus.

UG Boys Hostel	2	117 Seats
PG Boys Hostel	1	134 Seats
UG & PG Girls Hostel	1	103 Seats
Ph.D./PG Hostel in Flats	-	20 Seats

S. FUTURE PROGRAMS

In order to develop the Institute as a centre of excellence and an institution of international repute in the field of Ayurvedic Education, Training, Research and Patient Care etc. it is proposed to improve various facilities and services of the Institute by undertaking the following in the coming years:

Deemed University Status Active participation in various Programs of Department of AYUSH. Setting up of WHO Collaboration Centre Introduction of Post-Graduate Diploma Courses in some Subjects Further improving the Quality of Higher Education in Ayurveda Starting Panchakarma Technician Course Providing expertise to foreign countries interested in Ayurveda Further Strengthening the Foreign Exposure Training Programs for Foreign Medical and Non-Medical Professionals interested in acquiring basic knowledge and higher knowledge of Ayurveda Organizing Seminars/ Conferences/Workshops on various Subjects Setting up of more Specialty Clinics Undertaking various Research Activities for the welfare of mankind Development of Museum in various Departments Accreditation of NIA Hospitals with National Accreditation Board for Hospital of Quality Council of India Setting up of Micro-Biology Laboratory, Pharmacology Research Laboratory, Drug Standardization and Quality Control Laboratory Infrastructure Expansion Programs like Re-Construction for a Multi-Storey well-equipped Hospital in the heart of the City, Construction of Multi-Storey Buildings for Academic Activities, Hospital Expansion, Deluxe, Cottage and Cubical Wards, Central Laboratory etc. in the Campus, enriching Teaching Departments, Hospitals, Laboratories, Pharmacy etc. with more equipments and instruments.

REPORT OF THE TEACHING DEPARTMENTS

DEPARTMENT OF AGAD TANTRA

Introduction: Agad Tantra deals with study of the poisons, their action, detection and treatment. Toxicology refers to the toxins produced by toxic materials and living organism which are dangerous to human beings e.g. poisonous plants, the venom of snakes, spiders, bees etc. and bacterial and fungal toxins. The Department imparts Under Graduate and Post Graduate education and training to students in Ayurvedic classical references of Visa (poison), its detailed description, its classifications and examinations, diseases caused by it, principles of managements and preventive measures of the poisons, and legal aspect of medical practice, medical aspects of Law e.g. Causes of Death etc.

During the year under report, 1 Professor, 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 and Vyavhar Ayurved 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 and Vyavhar Ayurved subject were provided to PG Scholars. Research works were also conducted.

C) The Students have been taken to SMS Medical College and Hospital to show them Post-Mortem conducted on bodies 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. Meenakshi	Dr. Vinod Kumar Gothecha Professor Dr. Anita Sharma Associate Professor	Chemical Analysis of Residues of Pesticides on Bottlegourd (Ghiya) before and after Dhavan by Shirisha Kwatha.
2.	Dr. Anita Kanojia	Dr. Vinod Kumar Gothecha Professor Dr. Urimindi Venkateshwarlu	Studies on Ras Sindoor w.s.r. to its Toxicity -An Experimental Observation.
3.	Dr. Bhawana Mittal	Dr. Vinod Kumar Gothecha Professor Dr. Urimindi Venkateshwarlu	Characterization and Toxicological Studies of Ashodhita and Shodhita Gunja (Abrus Precatorius).
4.	Dr. Arun Kumar Dutta	Dr. Rama Kant Sharma Associate Professor Dr. Lokendra Sharma	A Toxicological Study of Sanjeevani Vati and its Therapeutic Efficacy w.s.r. to Jwar.
5.	Dr. Ringzin Lamo	Dr. Rama Kant Sharma Associate Professor Dr. Kalpana Sharma	A comparative Toxicological Study of Mercury, Sanskarit Parad and Rasparpati.
6.	Dr. Anjali Shoeokand	Dr. Anita Sharma Associate Professor	A Study of Efficacy of Ashwagandhdhyarishta in Madatyaya w.s.r. to Alcoholism.

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. 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 Poisoning.
7.	Dr. Aarti Kondel	Dr. Rama Kant Sharma Associate Professor Dr. Sharad Maroti Porte Lecturer	Comparative Study of Samirgaja Kesari Rasa and Mukta Pisti with Dushivishari Agad in Alcohol Withdrawal Syndrome.
8.	Dr. Anshu Malviya	Dr. Sharad Maroti Porte Lecturer	A Randomized Controlled Clinical Trial of Pueraria Tuberosa and Herbal Formulation in Alcohol Addiction.
9.	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.
10.	Dr. Rohit Kumar Khatik	Dr. Anita Sharma Associate Professor	A Clinical Study of Efficacy of Snuhayadi Tailam on Khalitya.
11.	Dr. Sangeeta	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.
12.	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.

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.

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. Dr. Anjali Shoeokand, MD Scholar delivered a Lecture on the subject of A Study of Efficacy of Ashwagandharist in Madatyaya with special reference to Alcoholism on 19 July 2013 and Dr. Ravi Kumar Kushwaha and Dr. Anita Kanojiya, MD Scholars delivered lectures on Studies on Rasa Sindoor with reference to its Toxicity : An Experimental Observations on 14 March, 2014.

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

1.	Jointly authored by Dr. Savita Saini, MD Scholar and Dr. Sharad Maroti Porte, Lecturer, "Ayurvedic Aspect of Lead and its Chronic Toxicity", International Journal of Research in Ayurveda and Pharmacy, Jan-Feb., 2014.
2.	Jointly authored by Dr. Sheron Prabhakar, MD Scholar, Dr. Anita Sharma, Associate Professor and Dr. Vinod Kumar Gotecha, Professor, "Trivrit (Operculina Terpentum) - A Short Review", Aryavaidyan, February-April, 2013.
3.	Jointly authored by Dr. Anjali Shoeokand, MD Scholar and Dr. Anita Sharma, Associate Professor, "Efficacy of Ashwagandharist in Vataj Madatyaya with special reference to Alcohol Withdrawal Syndrome", International Ayurveda Medical Journal, November-December, 2013.
4.	Jointly authored by Dr. Bhavana Mittal, MD Scholar, Dr. Minakshi, MD Scholar and Dr. Vinod Kumar Gotecha, Professor, "A Toxicological Study of Ashodhit and Shodhit Gunja (Abrus precatorius linn - An Experimental Study)", Journal of Vishva Ayurveda Parishad, June 2013.

(B) Participation and Paper Presentation in Workshops/Seminars

1.	Dr. Anita Sharma, Associate Professor, participated in International Sanskrit Conference, organised by Sanskrit Academy, New Delhi on 25 August 2013 and presented a Research Paper titled "Visham Jwar (Malaria) - Ek Nidan Chikitsatmak Adhyayan."
2.	Dr. Anita Sharma, Associate Professor, participated in 166 th OMICS Group Conference - International Conference and Exhibition on Traditional & Alternative Medicine, organized on 9-11 December 2013 at Hyderabad and presented a Research Paper on "Clinical Evaluation of the Effects of Saptasam Yog and Mukha-Kantikar Lepa in Mukh Dushika w.s.r. Acne Vulgaris".
3.	Dr. Sharad Maroti Porte, Lecturer, participated in National Seminar on Scope of Translational Researches in Ayurvedic Medicine" organised by Banaras Hindu University, Varanasi in October 2013 and presented a Research Paper on Management and Prevention of Chikungunia Fever with Ayurveda.

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

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Rama Kant Sharma Associate Professor	<ol style="list-style-type: none"> 1. Participated in Faculty Meeting of the University at Jodhpur. 2. Acted as Member of CCIM Visitation Team. 3. Inspected the Unani College, Jaipur as per directions of the University.
2.	Dr. Anita Sharma Associate Professor	<ol style="list-style-type: none"> 1. Participated in a CME Program on Diabetes organised at Jaipur on 6 September 2013.

DEPARTMENT OF DRAVYA GUNA

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

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

The Department maintains a demonstrative medicinal plant garden within the campus. The department is working on a proposed project of Repository of Genuine Drugs.

During the year under report, 1 Professor, 2 Associate Professors, 1 Assistant Professor and 2 Lecturers 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, which is 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. Lalit Nagar	Prof. Naresh Khemani Professor	"Chromatographical analysis of certain commonly adulterated medicinal plants found in Alpine Range of Himalayas"
2.	Dr. Ashashri Shinde	Prof. Naresh Khemani Professor	"Chromatographical evaluation of Ashwagandha collected from wild and cultivate sources by using different POPs"
3.	Dr. Balram	Dr. Mita Kotecha Associate Professor	"Antimicrobial study of embelia ribes"
4.	Dr. Rooprekha Dutta	Dr. Mita Kotecha Associate Professor	"Critical study of siddha bhesaja manimala"
5.	Dr. Lokesh Sharma	Dr. A R Murthy Asstt. Professor	"Study of vanya surana w.s.r. to obesity"
6.	Dr. Bali Chauhan	Dr. A R Murthy Asstt. Professor	"Effect of triphala on hyperlipidaemia"
7.	Dr. Shweta Mushale	Dr. M L Jaiswal Associate Professor	"A comparative Study of Dhatura (Datura metel) and Bhiringraj (Eclipta alba) through different routes of administration w.s.r. darunaka"
8.	Dr. Vipan Saraswat	Dr. M L Jaiswal Associate Professor	"Phytochemical and antimicrobial study of different parts of shami (Prosopis cineraria)"

During the year under Report, following MD(Ayurveda) Scholars were submitted their Thesis. Details are given below:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Rahul Kumar Singh	Prof. Naresh Khemani Professor	Phytochemical study of certain genuine medicinal plant and their market samples.
2.	Dr. Sonu Rajak	Dr. M L Jaiswal Associate Professor	Experimental Evaluation of Wound Healing Effect of Ingudi Seed Oil.
3.	Dr. Shankar Jyoti Das	Prof. Naresh Khemani Professor	The Study of Shalmali Root with special reference to its Varishya Karma.
4.	Dr. Jyoti Khandelwal	Dr. Mita Kotecha Associate Professor	Pharmacognostical and Pharmacotherapeutical Study of Shami (Prosopis Cineraria Linn.) w.s.r. to Loma Shatan Karma.
5.	Dr. Rita Malviya	Prof. Naresh Khemani Professor	Comparative Evaluation of Hypolipidaemic, Analgesic and Anti-inflammatory Activity of Guggulu in Albino Rats.
6.	Dr. Ravindra Sharma	Dr. A. R. Murthy Assistant Professor	A Comparative Study of Gokshura Dwaya w.s.r. to Aphrodisiac Effect.
7.	Dr. Ramesh Kumawat	Dr. Mita Kotecha Associate Professor	A Comparative Study to Evaluate Efficacy of Vastuka and Chandrashoora w.s.r. to Hb Level.

During the year under Report, the following 9 research works of MD(Ayurveda) Scholars were in progress and continued.

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Swati Ugale	Prof. Naresh Khemani Professor	Evaluation of Effect of Pippali (Piper Longum) and Lauha Bhasam on Blood Haemoglobin Level.
2.	Dr. Rashmi Patekar	Prof. Naresh Khemani Professor	Evaluation of Vacha (Acorus Calamus) in the Management of Yuvanpidika.
3.	Dr. Sunita Rajput	Prof. Naresh Khemani Professor	Evaluation of Antifungal Activity of Psoralea Corylifolia (Bakuchi) and its Clinical Efficacy of Darunaka.

4.	Dr. Manju Meena	Dr. A R Murthy Asstt. Professor	Comparative Pharmacognostical and Phytochemical Evaluation of Roots, whole Plants and Market Samples.
5.	Dr. Hemant Vasistha	Dr. M L Jaiswal Associate Professor	Effect of Vastuk-Amalki Mishran on Haemoglobin Level.
6.	Dr. Satyendra Singh	Dr. M L Jaiswal Associate Professor	A Study of Analytical and Vyanghara Karma of Laksha obtained from different host plants.
7.	Dr. Dushyant Kishore	Dr. Sumit Nathani Lecturer	Study of Different Types of Atmagupta Seeds with special reference to Vrishya Karma.
8.	Dr. Nivesh	Dr. Mita Kotecha Associate Professor	Phytochemical and Pharmacognostical Study of Kigelia pinnata DC Balam Kheera and its effect on Facial Blemishes.
9.	Dr. Ritu Rajoriya	Dr. Sumit Nathani Lecturer	Comparative Study on Adraka and Shunthi prepared by different drying procedures.
10.	Dr. Arun Goyal	Dr. Mita Kotecha Associate Professor	In Vitro Evaluation of Anti-microbial effect of Herbal Formulation.
11.	Dr. Malvika	Dr. Mita Kotecha Associate Professor	Development of an Anti-microbial drug delivery system.
12.	Dr. Dattareya Sarvade	Dr. M L Jaiswal Associate Professor	In Vitro Thrombolytic Activity of Bhallatak, Ela and Arka Ankura.
13.	Dr. Satyapal Sharma	Dr. Sudipt Rath Lecturer	Anti-microbial Evaluation of a Herbal Anti-septic Cream.
14.	Dr. Tarun Sharma	Dr. A.R. Murthy Assistant Professor	Clinical Efficacy of Kapikachhu Seeds with special reference Vrishya Karma.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Sumant	Dr. A.R. Murthy Assistant Professor	Study of Patola w.s.r. to Madhumeha.

Research done by Faculty Member:

Dr. Sudipta Kumar Rath, Lectuer has completed his research work titled A Study of World Market Dynamics and Global Placement of Ayurvedic Herbs by under the guidance of Prof. Manesh Chandra Sharma and submitted the thesis.

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:

1.	Dr. Mita Kotecha, Associate Professor, "A Comparative Clinical Evaluation of the Role of Madhyam Panchamool in the Management of Osteoarthritis and Rheumatoid Arthritis", Journal of Ayurveda, Vol.VII-II, April-June 2013.
2.	Dr. Mita Kotecha, Associate Professor, "Yava (Barley) - A Dietary Solution in Obesity", International Journal of Ayurvedic and Herbal Medicine, 3:2 (2013), 1144 : 1149.
3.	Dr. Mita Kotecha, Associate Professor, "Ethno - Medicinal Heritage of Chandi Devi Hills of Haridwar - Uttarakhand" International Journal of Innovative Research and Development, Vol.2, Issue-7, July 2013.
4.	Dr. Mita Kotecha, Associate Professor and Dr. Sumit Nathani, Lecturer, "Triphala : A Comprehensive Ayurvedic Review", International Journal of Research in Ayurveda and Pharmacy, Vol.4(4), July-Aug. 2013.
5.	Dr. Mita Kotecha, Associate Professor, "Anticonvulsant Activity of Balanites Aegyptiaca (L.) Del. Stem bark", Oriental Pharmacy and Experimental Medicine, August 2013.
6.	Dr. Mita Kotecha, Associate Professor, "A Review on Role of Samskara (special processing) in Food and Pharmaceutical Preparations", International Ayurvedic Medical Journal, Volume 1,

	Issue 5, September-October 2013.
7.	Dr. Mita Kotecha, Associate Professor,, "Phytochemical Study of Shorea Robusta (Shala)", International Journal of Pharmaceutical and Biological Archive", Vol. 4, No.4 (2013).
8.	Dr. M.L. Jaiswal, Associate Professor, "Protective Effect of Lannea Coromandelica Hoult. Merrill. against Three Common Pathogens" International Journal of Ayurveda & Integrative Medicine, Vol.IV, Issue-IV.
9.	Dr. Sudipt Rath, Lecturer, "A Dietary Solution in Obesity" International Journal of Ayurvedic and Herbal Medicine, 3:2 (2013), Page : 1144-1149, ISSN 2249-5746.
10.	Dr. Sudipt Rath, Lecturer, "A Review of Kutipravesika Rasayana" NAMA - (21:2,2013, 17).
11.	Dr. Sudipt Rath, Lecturer, "Management of Grahani (Irritable Bowel Syndrome", Elements, Vol.11, No.1(2013), ISSN : 1557-0592.
12.	Dr. Sudipt Rath, Lecturer, "Clinical Evaluation of Root Tubers of Shweta Musali (Chlorophytum borivilianum L.) and its effect on Semen and Testosterone", AYU, Vol. 34, Issue-3, July-September 2013, ISSN : 0974-8520.
13.	Dr. Sudipt Rath, Lecturer, "Upashayanupashaya - An Assessment Tool of Vata Dosha", Journal of Ayurveda, Vol.VII-1, January-March 2013, ISSN 2321-0435.
14.	Dr. Sudipt Rath, Lecturer, "Study of Cardinal Identification Features of Sarpagandha (Raulolfia serpentina) and its Commonly Used Adulterants/Substitutes" Journal of Ayurveda, Vol.VII-2, April-June 2013, ISSN 2321-0435.
15.	Dr. Sudipt Rath, Lecturer, "Effect of Inorganic Fertilizers and Organic Manures on Growth, Quality and Yield of Ashwagandha (Withania somnifera) cv. Jawahar Ashwagandha" Annals of Pharmacy and Pharmaceutical Sciences, Vol.4, Issue-1 and 2, April and October 2013, ISSN 0976-125x (print), 2230-9438 (online).
16.	Dr. Sudipt Rath, Lecturer, "Yield and Phytochemical Evaluation of Wild and Cultivated Samples of Ashwagandha", Journal of Biological and Scientific Opinion, Vol.2 (2), March-April 2014, ISSN 2321-6328.
17.	Dr. Sudipt Rath, Lecturer, "Outline of Cancer Therapy in Ayurveda", Souvenir of National Seminar on Ayurveda, Hoshiarpur" held on April 2013.

(B) Participation in Workshops/Seminars and Paper Presentation

1.	Dr. Mita Kotecha, Associate Professor, participated as Resource Person in National Workshop for Development of Life Style Guidelines of Ayurveda for Rationalization and Standardization of Health Promotion organised by WHO Collaborating Centre for Traditional Medicines(Ayurveda) held on 21-23 March 2014 at IPGTRA, Gujarat Ayurved University, Jamnagar.
2.	Dr. Mita Kotecha, Associate Professor attended CME 12 th Annual Conference - DFSICON 2013 - organised by Diabetic Foot Society of India on 6 September 2013.
3.	Dr. Mita Kotecha, Associate Professor participated in Traditional Medicine 2013, a Medical Conference, Hyderabad organised by OMICS in December 2013.
4.	Dr. Sudipta Kumar Rath, Lecturer participated in CME 12 th Annual Conference - DFSICON 2013 - organised by Diabetic Foot Society of India on 6 September 2013.
5.	Dr. Sumit Nathani, Lecturer participated in CME 12 th Annual Conference - DFSICON 2013 - organised by Diabetic Foot Society of India on 6 September 2013.
6.	Dr. Sumit Nathani, Lecturer participated in International Conclave on Current Researches in Healthcare organised on 15 September 2013, Bareilly.

(C) Guest Lectures delivered by Faculty Member in Workshops/Seminars

1.	Dr. Mohan Lal Jaiswal, Associate Professor "Medicinal Plant-Drugs used for Pandu-Kamala" Ayurved Pandu-Kamala Roga Chikitsa Samiti, Deptt. of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 26-9-2013.
2.	Dr. Mohan Lal Jaiswal, Associate Professor "Medicinal Plant-Drugs used for Pandu-Kamala", Deptt. of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 26-9-2013.
3.	Dr. Mohan Lal Jaiswal, Associate Professor "Medicinal Plant Useful in Shwas and Kasa", Rajasthan Ayurved Shwas Roga Chikitsa Samiti, Deptt. of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 9-1-2014.
4.	Dr. Mohan Lal Jaiswal, Associate Professor "Medicinal Plant Useful in Manas Rogas", Rajasthan Ayurved Manas Roga Chikitsa Samiti, Deptt. of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 10-12-2013.

5.	Dr. Mohan Lal Jaiswal, Associate Professor "Survey, Identification and Documentation of Medicinal Plants", CME Program for Medical Officers(Ayurveda), Department of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 10-12-2013.
6.	Dr. Sudipta Kumar Rath, Lecturer "Medicinal Plants for Human Health", Training of State Agriculture Officers at State Institute of Agri Management, Jaipur on 10-5-2013.
7.	Dr. Sudipta Kumar Rath, Lecturer "Production Technology of Selected Medicinal Plants", Training of State Agriculture Officers at State Institute of Agri Management, Jaipur on 23-6-2013.
8.	Dr. Sudipta Kumar Rath, Lecturer "Value Addition of Medicinal Plants", Training of State Agriculture Officers at State Institute of Agri Management, Jaipur on 3-7-2013.
9.	Dr. Sudipta Kumar Rath, Lecturer "Value Addition of Medicinal Plants", Training of State Agriculture Officers at State Institute of Agri Management, Jaipur on 18-7-2013.
10.	Dr. Sudipta Kumar Rath, Lecturer "Value Addition of Medicinal Plants", Training of State Agriculture Officers at State Institute of Agri Management, Jaipur on 24-7-2013.
11.	Dr. Sudipta Kumar Rath, Lecturer "Production Technology of Selected Medicinal Plants", Training of State Agriculture Officers at State Institute of Agri Management, Jaipur on 8-2-2014.
12.	Dr. Sudipta Kumar Rath, Lecturer "Value Addition of Medicinal Plants", Training of State Agriculture Officers at State Institute of Agri Management, Jaipur on 11-3-2014.
13.	Dr. Sudipta Kumar Rath, Lecturer "Ayurvedic Herbs for Disorders of Urinary System", CME Program for Medical Officer(Ayurveda), Deptt. of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 25-11-2013.
14.	Dr. Sudipta Kumar Rath, Lecturer "Pharmacovigilance", CME Program for Medical Officer(Ayurveda), Deptt. of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 7-5-2013.
15.	Dr. Sudipta Kumar Rath, Lecturer "Pharmacovigilance", CME Program for Medical Officer(Ayurveda), Deptt. of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 11-12-2013.
16.	Dr. Sudipta Kumar Rath, Lecturer "Pharmacovigilance", CME Program for Medical Officer(Ayurveda), Deptt. of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 17-12-2013.
17.	Dr. Sudipta Kumar Rath, Lecturer "Pharmacovigilance", CME Program for Medical Officer(Ayurveda), Deptt. of Ayurveda, Government of Rajasthan, RICEM, Jaipur on 4-2-2014.

(D) Scholars Participated in Seminars/Workshops

1.	Dr. Ramesh Chand Kumawat, MD(Ay.) Scholar participated in a Seminar organised by Punjab Ayurved Medical College and Hospital on 16-17 February 2014 at Sri Ganganagar and presented a Research Paper on Parademetic Script in Ayurvedic Research.
2.	Dr. Hemant Kumar, MD(Ay.) Scholar participated in Second Global Ayurveda Festival on 22 February 2014 organised by at Kocchi, Kerala and presented a Research Paper on Balanced Diet - According to Ayurveda.
3.	Dr. Dushyant Kishore, MD(Ay.) Scholar participated in Second Global Ayurveda Festival on 22 February 2014 organised by at Kocchi, Kerala and presented a Research Paper on Stress and its Management through Ayurveda.
4.	Dr. Swati Ugale, MD(Ay.) Scholar participated in Seminars organised by AVP Research Foundation, Coimbtour, Tamilnadu (22-28 December 2013), Ashtang Ayurved College, Pune, Maharashtra (7 February 2014), Punjab Ayurveda Medical College and Hospital, Sri Ganganagar, Rajasthan (16-17 February 2014) and in Second Global Ayurveda Festival on 22 February 2014 organised by at Kocchi, Kerala and presented a Research Papers on Ashtanga Haridra; Need of Medicinal Plant Cultivation for the Future of Ayurveda; Standardization and Quality Control of Herbal Drugs; Concept of Bioenhancing Property of Pippli in Ayurved, respectively.
5.	Dr. Rahul Kumar Singh, MD(Ay.) Scholar participated in a Seminar organised by Delhi Sanskrit Academy on 24-26 August 2014 at Vigyan Bhawan, New Delhi and presented a Research Paper titled Ayurvedic Treatment of Mental Stress.
6.	Dr. Manju Meena, MD(Ay.) Scholar participated in Seminars organised by AVP Research Foundation, Coimbtour, Tamilnadu (22-28 December 2013), Punjab Ayurveda Medical College and Hospital, Sri Ganganagar, Rajasthan (16-17 February 2014) and in Second Global Ayurveda Festival on 22 February 2014 organised by at Kocchi, Kerala and presented Research Papers on Conservation and Cultivation of Medicinal Plant - <i>Prshinparni</i> and Role of <i>Prsakadi Gana</i> for the Management of Cardiovascular disorder.
7.	Dr. Rashmi Patekar, MD(Ay.) Scholar participated in Seminars organised by AVP Research Foundation, Coimbtour, Tamilnadu (22-28 December 2013) and Punjab Ayurveda Medical College and Hospital, Sri Ganganagar, Rajasthan (16-17 February 2014).
8.	Dr. Nivesh, MD(Ay.) Scholar participated in Seminars organised by AVP Research Foundation, Coimbtour, Tamilnadu (22-28 December 2013) and Punjab Ayurveda Medical College and Hospital, Sri Ganganagar, Rajasthan (16-17 February 2014) and in Second Global Ayurveda Festival on 22 February 2014 organised by at Kocchi, Kerala and presented Research Papers on

Other Units Functioning under the Department:

Units:

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

Dravyaguna Laboratory: The Laboratory of the Department is equipped with sophisticated instruments like Spectrophotometer, Digital Balance. Pharmacognostical and Phytochemical investigations of Research Scholars of the Department and other departments were carried out.

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

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 the footpath of garden footpath was carried out during the year.

Herbarium in the Campus: A new Herbarium is being developed in the Campus to keep medicinal plants in pot under controlled climate. This new herbarium was inaugurated by the Joint Secretary, Department of AYUSH. At present around 200 species and 326 plants are present for demonstration purpose within the campus. All the species and plants are equipped with nameplates.

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

DEPARTMENT OF KAUMARA BHRITYA (BALA ROGA)

Introduction: Bala Roga is one of the most important branches of Ayurveda. This Department is imparting teaching and training to Under Graduate, Post Graduate 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 Lecturers with other supporting technical and non-technical staff were working in the Department.

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	Topic
1.	Dr. Kusumlata Yadav	Prof. Abhimanyu Kumar	Study on the Efficacy of <i>Shatyadi Yog</i> in the management of Respiratory Allergic Disorders in Children
2.	Dr. Nilesh Ingle	Prof. Abhimanyu Kumar Dr Nisha Ojha	Study on Prakriti based Sport performance of children with special emphasis on Brimhaniya effect of ' <i>Vidarikandadi Yog</i> '
3.	Dr. Brahm Dutta Sharma	Prof. Abhimanyu Kumar	Demographic Study of Morbidity status in Children and to Study the Effect of Amalaki syrup as Immunomodulator for Lowering down the Morbidity Rate.

4.	Dr. Atika Madhukar	Prof. Abhimanyu Kumar Dr Nisha Ojha	Study on the Impact of Prakriti in Children with Academic Stress and Evaluation of Anti stress effect of Saraswat Churna.
5.	Dr. Kishor A Gawali	Prof. Abhimanyu Kumar Dr Shrinidhi K Kumar	Clinical Study of Samwardhan Ghrita Hapusadi Yapan Basti in the Management of Children with Cerebral Palsy
6.	Dr. Renu Mishra	Prof. Abhimanyu Kumar Dr Nisha Ojha	Study on Prakriti based Learning and Education Pattern with special reference to the Mental concentration enhancing effect of Kalyanak Leha & Shirodhara in Children
7.	Dr. Rameezuddin	Prof. Abhimanyu Kumar Dr Rakesh Nagar	Clinical study on the efficacy of Shoshjit Yog in the management of balshosh w.s.r. to Protein Energy Malnutrition in Children.

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

Sl.No.	Scholar	Supervisor	Topic
1.	Dr. Vinod Kumar Swami	Prof. Ajay Kumar Sharma Dr. Rakesh Nagar	Validation of Ayurvedic concept of anthropometry and Clinical evaluation of efficacy of Suktyadi yogaas a calcium supplementation in children
2.	Dr. IAM Leena	Dr Nisha Ojha	Clinical Evaluation of Pushkaradi Compound in Respiratory Allergic Disorders of Children.
3.	Dr. Deepak J. Londhe	Prof. Ajay Kumar Sharma Dr Nisha Ojha	Prakriti Based Evaluation of Adolescent Health Problems and their Ayurvedic Management.
4.	Dr. Sandeep Kumar	Prof. Ajay Kumar Sharma Dr Nisha Ojha	Study on the Management of Spasticity in Children Suffering from Cerebral Palsy with an Ayurvedic Compound and Yogic Postures.
5.	Dr. Krishna Kumar Kaswan	Prof. Ajay Kumar Sharma Dr Rakesh Nagar	Study on the Immunomodulator Effect of Madhuyashthi Syrup in Children.
6.	Dr. Jay Prakash Sarma	Dr Shrinidhi K Kumar Dr Rakesh Nagar	Role of Satwavajay Chikitsa and Shankhpushpi in the Management of Shayyamutrata (Enuresis) in Pediatric Practice.
7.	Dr. Sumeet Goel	Dr Nisha Ojha	Clinical Evalutaiton of An Ayurvedic Drug and Panchakarma Therapy for Efficacy on Improving Quality of Life in Children with Cerebral Palsy.
8.	Dr. Sumod Khedekar	Prof. Ajay Kumar Sharma Dr. Nisha Ojha	Clinical Study to Evaluate the Efficacy of Mustadi Yog in the Management of Respiratory Allergic Disorders of Children.
9.	Dr. Nitin Sharma	Dr Rakesh Nagar	Clinical Evaluation of Efficacy of “Pipalyadi Yog” in the Management of Pandu Rog w.s.r to Iron Deficiency Anemia in Children.
10.	Dr. Neeraj Joshi	Prof. Ajay Kumar Sharma Dr. Rakesh Nagar	Clinical Study on the Efficacy of “Shri Siddha Modak” in the Management of Balshosh w.s.r. to Protein Energy Malnutrition in Children.
11.	Dr. Kavita Rajpurohit	Dr. Shrinidhi K Kumar	Role of Ankoladi Tail in Childhood Seborrhic Dermatitis w.s.r. to Arunshika.
12.	Dr. Vijay Gajabhare	Prof. Ajay Kumar Sharma Dr. Shrinidhi K Kumar	Role of an Indigenous Medhya Compound and Satwavajaya Chikitsa in the Management of Childhood Habit Disorders.
13.	Dr. Deepak Kumar	Dr. Nisha Ojha	Study of Morbidity Status in Children and the Effect of Guduchi Syrup as Immunomodulator for Lowering down the morbidity rate.
14.	Dr. Krishna Dutta	Dr. Shrinidhi K Kumar 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.

15.	Dr. Vishal Prajapati	Dr. Rakesh Nagar	A Clinical Comparative Study to Evaluate the Efficacy of an Established Ayurvedic Marketed Product and Shirishadi Syrup in Respiratory Allergic Disorders in Children.
16.	Dr. Rashmi Pareek	Prof. Ajay Kumar Sharma Dr. Nisha Ojha	Study of Prevalence of Iron Deficiency Anemia in Adolescent Girls and Efficacy of Vajra Vatak Mandoor in its Management.
17.	Dr. Lalit Rathore	Prof. Ajay Kumar Sharma Dr. Rakesh Nagar	The Clinical Evaluation of Efficacy of Indukantam Ghritam in Bala Shosha w.s.r. to PEM.
18.	Dr. Surendra Sharma	Prof. Ajay Kumar Sharma Dr. Shrinidhi K Kumar	Study on Efficacy of Virechana and Gajlinda Kshara and Mutra on Shwitra w.s.r. to Vitiligo (Leucoderma).
19.	Dr. Sirazul Islam	Prof. Shyam Sundar Sharma Dr. Rakesh Nagar	Clinical Evaluation of Sunthyadi Yog in the Management of Grahani w.s.r. to IBS in Children.

During the year under Report, the following research work of one Ph.D. Scholar completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Arun Kumar Mahapatra	Prof. Abhimanyu Kumar Professor	A Community based Study to Evaluate the Efficacy of 'Poshak Syrup' on the Nutritional and Morbidity Status of Children with Balshosh w.s.r. to Protein Energy Malnutrition.

During the year under Report, the following research work of Ph.D. Scholar was in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Kanupriya Gupta	Prof. Abhimanyu Kumar Professor	Comparative Study between an Ayurvedic compound and Non-Pharmacological Therapies for the Management of AD/HD in Children.

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 9,684 out of which 3,268 were newly registered and at IPD level was 5,422 out of which 434 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. 915 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 5263 therapies were offered.

Vaccination Unit: Facilities for Vaccination to 1777 Children were made available under National Immunization Programme.

Clinical Meetings: The department has organized 11 Clinical Meetings and Typical Cases presented and discussed.

Departmental Seminars and Workshops: Under departmental activities 18 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 8 Journal Club Meetings were organized and 152 Research Papers were presented and documented.

Publications:

(A) Articles Published in Journals/Magazines:

1.	Prof. Ajay Kumar Sharma, Professor, "Scope of Development and Validation of Assessment Criteria for Ayurvedic Research of Vatika Unmaada", Journal of Ayurveda, NIA, Vol. VIII-1, January-March 2013.
2.	Prof. Ajay Kumar Sharma, Professor, "Importance of Abhyanga in the Management of Pukshayhata", Journal of Ayurveda, NIA, Vol. VII-2, January-March 2013.
3.	Dr. Nisha Ojha, Lecturer, "Critical Analysis of Charakokta Mahakashaya in the Management of Respiratory Allergic Disorders", Journal of Homoeopathy and Ayurvedic Medicine, 2013, 2:3.
4.	Dr. Nisha Ojha, Lecturer, "Prospective Role of Indian Medicinal Plants in Inhibiting Vascular Endothelial Growth Factor (VEGF) Mediated Pathological Angiogenesis", Journal of Homoeopathy and Ayurvedic Medicine, 2013, 2:2.
5.	Dr. Nisha Ojha, Lecturer, "Therapeutic Management of Pediatric Allergic Disorders by Indian Medicinal Plants with Mast Cell Stabilizing Potential : A Review", Journal of Pharmaceutical and Scientific Innovation 2 (2), March-April 2013.
6.	Dr. Nisha Ojha, Lecturer, "Rationality of Swarna Prashan in Pediatric Practice", International Journal of Ayurvedic and Herbal Medicine, 3:3 (2013), 1191 :1200.
7.	Dr. Nisha Ojha, Dr. Rakesh Nagar and Dr. Shrinidhi Kumar K., Lecturers, "Assessment of Rukshadi Gunas of Vata Dosha on Normal Psychological Functioning in Children", Journal of Ayurveda, Vol. VII, No.1, January-March 2013.
8.	Dr. Shrinidhi Kumar K., Lecturer, "Approach to Ayurvedic Treatment of Respiratory Disorders in Children", Punarnava Ayurvedic Journal (Online Peer Reviewed Journal), January-February 2014.

(B) Participation and Paper Presentation in Workshops/Seminars

1.	Dr. Nisha Ojha, Lecturer participated in National Conference on Panchakarma and presented a Paper titled Role of Shirodhara in the Management of Attention Deficit Hyperactivity Disorder (ADHD) in Children" organised at Hyderabad in Sept. 2013.
2.	Dr. Nisha Ojha, Lecturer participated in 47 th Annual Convention of Indian College of Allergy, Asthma and Applied Immunology - ICAAICON 2013 organised on 13-15 December 2013 and presented a Paper titled Respiratory Allergic Disorders in Children :Ayurveda Perspective and Management.
3.	Dr. Nisha Ojha, Lecturer participated in Global Ayurveda Festival 2014 organised at Kochi (Kerala) on 23 February 2014 and presented a Paper titled Clinical Evaluation of Brahmi Ghrita and Jyotishmati Tail in the Management of Cognitive Deficit.
4.	Dr. Rakesh Kumar Nagar, Lecturer participated in International Conclave on Current Researches and presented a Paper titled Ayurvedic Management for Megacolon.

(C) Guest Lectures/Extension Lectures delivered by the teachers of the Department in various Programs:

1.	Prof. Ajay Kumar Sharma, Head of the Department, invited as Resource Person and Guest of Honour in National Workshop on 'Honor Killing : The Mind & Find Set : Challenges and Remedies' sponsored by National Commission for Women, New Delhi organised by Nehru Study Centre and Department of Political Science, University of Rajasthan on 12-13 January 2013.
2.	Prof. Ajay Kumar Sharma, Head of the Department, invited as Resource Person in an International Conference on Traditional Medicine sponsored by Department of AYUSH, Ministry of Health and Family Welfare, New Delhi held on 12-14 February 2014.
3.	Prof. Ajay Kumar Sharma, Head of the Department, invited as Resource Person in CME Program sponsored by Department of AYUSH and organised by A&U Tibbia College and Hospital, New Delhi on 18-23 February 2013.
4.	Prof. Ajay Kumar Sharma, Head of the Department, chaired a Scientific Session of RAJ AYU CON 2013 - an International Conference on Ayurveda and Complimentary Systems of Medicines organised by Mission Ayurved, Rajkot, Gujarat held on 23-24 February 2013.
5.	Prof. Ajay Kumar Sharma, Head of the Department, Chaired as Chairman of the Organizing Committee and participated as Resource Person in National Workshop on Development and Validation of Assessment Criteria of Rukshadi Gunas in Vata Dosha organised by NIA on 3-4 March 2013 at Jaipur.

6.	Prof. Ajay Kumar Sharma, Head of the Department, invited as Guest of Honour in National Conference on Application of Natural Products for Human Health and Bioremediation of Pollutants organised by University of Rajasthan on 22-23 March 2013 at Jaipur.
7.	Prof. Ajay Kumar Sharma, Head of the Department, invited as Resource Person in National Seminal on Role of Ayurveda and Management of Geriatric Disorders organised by Shri Ayurved Mahavidyala, Nagpur on 2-3 October 2013.
8.	Prof. Ajay Kumar Sharma, Head of the Department, invited as Resource Person in National Conference on Recent Advancement in Panchakarma - 2013 organised by Rishikul Government Ayurvedic College and Hospital, Haridwar on 18-20 October 2013.
9.	Prof. Ajay Kumar Sharma, Head of the Department, attended a Program - Vision and Contributions of Mahatma Pt. Madan Mohan Malviya - jointly organised by Malviya National Institute of Technology, Jaipur and Mahatma Malviya Mission, Jaipur on 7-8 August 2013 at MNIT, Jaipur.
10.	Prof. Ajay Kumar Sharma, Head of the Department, attended HT Campus Conclave on Excellence in Education organised by Manipal University, Jaipur and Co-hosted by : Resonance, Jaipur on 27 December 2013.
11.	Prof. Ajay Kumar Sharma, Head of the Department, participated as Expert Speaker in Arogya Mela organised by Government of Rajasthan and Indian Medicine Department on 28 February 2014 at Jaipur.
12.	Dr. Nisha Ojha, Lecturer, participated in National Seminar on Role of AYUSH in NRHM and delivered a lecture on Role of AYUSH in Child Health Care organized by Directorate of Jharkhand, Ministry of Health & Family Welfare on 20-21 April 2013.
13.	Dr. Srinidhi K. Kumar, Lecturer delivered a key-note lecture on Concept of Resuscitation in Ayurveda at SDM College of Ayurveda, Hassan in September 2013.

(D) Paper Presentation by PG and Ph.D Scholars of the Department:

1.	Dr. Nitin Sharma presented a scientific paper entitled "Role of Ayurvedic Medicine in the Management of Malnutrition (Balshosha) in International Conclave on Currunt Researches in Healthcare held at Bareilly on 15th sept 2013.
2.	Dr. Sandeep Kumar Presented a scientific paper entitled "Role of Panchkarma procedures in management of Spasticity in Children suffering from cerebral palsy" held at Hyderabad on 16 september 2013.
3.	Dr. Sumeet Goel Presented a scientific paper entitled "Role of Shirodhara in improving attention span in Childran" in Recent Advances in Panchkarma held at Rishikul, Haridwar, India on 19th October 2013.
4.	Dr. IAM Leena and Dr. Sumod Khedekar Participated in 47th Annual Covention of India Collage of Allergy, Asthma & Applied Immunology ICAAICON 2013 on 13-15 December 2013.
5.	Dr. Sandeep Kumar Presented a scientific paper entitled "Study on the management of spasticity in children suffering from cerebral palsy with an Ayurvedic compound and yogic postures (asanas)" in GAF held at Kochi Kerala on 20-24 Feb 2014.
6.	Dr. Sumod Khedekar Presented a scientific paper entitled "study on the impact of prakriti in children with academic stress and evalution of antistress effect of saraswat churna" in GAF held at Kochi Kerala on 20-24 Feb 2014.
7.	Dr. Vijay Gajbhare Presented a scientific paper entitled "Role of shankhpushpi and satwavajay chikitsa in the management of bed wetting (Shayyamutra) in children" in GAF held at Kochi Kerala on 20-24 Feb 2014.

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, 2 Associate Professors, 1 Assistant Professors, 3 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 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. Budhi Prasad Poudel	Dr. R. K. Joshi Professor Dr. Y. K. Pandey Asstt. Professor	Clinical Study of Efficacy of Vrishya Granules (Kalpita Yoga) and Shatapushadi Vrishya Basti in the Management of Kshinashukrata w.s.r. to Oligospermia.
2.	Dr. Suresh Sharma	Dr. D. S. Mishra Associate Professor Dr. Y. K. Pandey Asstt. Prof.	Clinical Evaluation of Nisha Lauha and Phaltrikadi Kwath in the Management of Pandu w.s.r. ro Iron Deficiency Anemia.
3.	Dr. Amol Ganpat Kachre	Prof. Ajay Kumar Sharma Director Dr. A. K. Sahu, Lecturer	Comparative Study of Virechana Karma and Mash Aatmaguptadi Kwatha in the Management of Pakshaghata (Hemiplegia)
4.	Dr. Nikam Dattatre Sampat	Dr. D. S. Mishra Associate Professor Dr. J. P. Singh Lecturer	Clinical Study to Evaluation the Role of Adityapaka Guggulu and Tiktaksheer Basti in the Management of Sandhigatavata with special reference to Osteoarthritis.

5.	Dr. Girdhar	Dr. C. B. Sharma Associate Professor Dr. J. P. Singh Lecturer	Clinical Evaluation of Efficacy of Rasna Guggulu Rasnapanchak Kwath and Jannu Basti in the Management of Sandhigataavata (Osteoarthritis).
6.	Dr. Ashwini Vinayak Rao	Dr. D. S. Mishra Associate Professor Dr. U. R. Saroj Asstt. Professor	Comparative Study on the Effect of Amritadya Guggulu and Lekhana Basti in Medodushti with special reference to Dyslipidaemia.
7.	Dr. Shalini	Prof. Ajay Kumar Sharma Director Dr. Y. K. Pandey Lecturer	Clinical Evaluation of Efficacy of Shallaki Niryas (Boswellia Serrata) and Griva Basti in the Management of Griva Asthi Sandhigata Vata (Cervical Spondylosis)
8.	Dr. Purnima Rao	Dr. R. K. Joshi Professor Dr. U. R. Saroj Asstt. Professor Dr. Anil Tambi	Clinical Evaluation of Shankhpushpi Syrup and Shirodhara with Manashyadi Kwath in the Management of Chittodvega with special reference to generalized Anxiety Disorder.
9.	Dr. Sayama	Prof. Ajay Kumar Sharma Director Dr. A. K. Sahu Lecturer	A Clinical Study to Evaluate the Efficacy of Eladi Churna and Kantakateryadi Kwatha in the Management of Madhumeha w.s.r. to Diabetes Mellitus.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Bikashraj Raj Ghimire	Prof. Ajay Kumar Sharma Director Dr. A. K. Sahu Lecturer	A Clinical Study of Guduchibhadramustadi Kashaya and Navaka Guggulu in the Management of Medoroga w.s.r. to Dyslipidemia.
2.	Dr. Prashant Uttam Sasane	Dr. R. K. Joshi Professor Dr. U. R. Saroj Asstt. Professor	Clinical Evaluation of Efficacy of Alambushadi Ghana Vati and Vaitarana Basti in the Management of Amavata w.s.r. to Rheumatoid Arthritis.
3.	Dr. Naresh Kumar Kumawat	Dr. D. S. Mishra Associate Professor Dr. H. Bhakuni Lecturer	Clinical Evaluation of Madhupramehari Vati in the Management of Madhumeha w.s.r. to Diabetes Mellitus Type-II of Vaidhyaka Saar Sangrha (CCRAS).
4.	Dr. Kirti Mathur	Prof. Ajay Kumar Sharma Director Dr. U. R. Saroj Asstt. Professor	Comparative Study on the Effect of Vidangadya Churna & Lekhan Basti in Medodushti w.s.r. to Dyslipidaemia.
5.	Dr. Monika Gautam	Prof. Ajay Kumar Sharma Director Dr. A. K. Sahu Lecturer	A Clinical Study to evaluate the Efficacy of Rasna Saptak Ghan Vati and Jaanu Basti in the Management of Sandhigataavata with special reference to Osteoarthritis.
6.	Dr. Aakrati	Dr. R. K. Joshi Professor Dr. J. P. Singh Lecturer	A Clinical Study to Evaluate the Efficacy of Dhatri Lauha and Darvyadi Leha in the Management of Pandu w.s.r. to Iron Deficiency Anaemia.
7.	Dr. Rashmi Mutha	Dr. R. K. Joshi Professor Dr. J. P. Singh Lecturer	A Clinical Evaluation of Haridradi Leha and Vasadi in the Management of Tamak Shwasa (Bronchial Asthma).
8.	Dr. Anupama	Prof. A. K. Sharma Director Dr. A.K. Sahu Lecturer	"Clinical Study On the Effect of Bhriggraj Punarnava ghan vati on Uchcharaktachapa with special regference to Essential Hypertension."

9.	Dr. Mandeep Kaur	Dr. R. K. Joshi Professor Dr. U.R. Saroj Asstt. Professor	"A Comparative Study of Efficacy & Safety of Pukarmooladi Yoga and Bharangi Nagara Kwath in Management of Tamaka Shwasa W.S.R. to Chronic Obstructive Pulmonary Disease (COPD)."
10.	Dr. Narwade Hemant Sheshrao	Prof. R.K. Joshi Professor Dr. J.P. Singh Lecturer	"Clinical Study to Evaluate the Role of Shodhana (Vamana, Virechana) & Shamana (Shashanklekhadi Ghana vati) in the Management of MandaKustha With Special Reference to Psoriasis."
11.	Dr. Pankaj Kumar	Dr. A.K. Sahu Lecturer Dr. J.P. Singh Lecturer	"A Comparative Study on Efficacy of Gomutra Haritiki and Vrikshamla (extract) in the Management of Sthaulya (Obesity) w.s.r. to Overweight."
12.	Dr. Saroj Kumari	Dr. J. P. Singh Lecturer Dr. Harish Bhakuni Lecturer	"A Clinical Evaluation of "Swayambhuva Guggulu" and "Aragvadhadi Lepa" in the management of Vicharchika (Eczema)"
13.	Dr. Shashi Choudhary	Dr. U.R. Saroj Asstt. Professor Dr. Harish Bhakuni Lecturer	"Clinical Study on the Effect of an Ayurvedic Formulation in the management of Medodushti With Special Reference to Dyslipidaemia".
14.	Dr. Shilpi Kansal	Dr.C.B. Sharma Associate Professor Dr. U.R. Saroj Asstt. Professor	Clinical Evaluation of Efficacy of Rasnaguggulu, Rasnasaptak Kwath, and Abhyanga- Swedana in the Management of Gridhrasi Roga (Sciatica)
15.	Dr. Pradeep Kumar Meena	Prof. R.K. Joshi Professor Dr. U.R. Saroj Asstt. Professor	Clinical Evaluation of an Indigenous Formulation in Hyperlipidemic Patients of Diabetes Mellitus II.
16.	Dr. Vikash Nariyal	Prof A. K. Sharma Director Dr. A.K. Sahu Lecturer	"A Clinical Efficacy of Harishankar Ras and Khadir-kramukb Kwath in Madhumeha with special reference to Diabetes Mellitus Type II."
17.	Dr. Anchal Bilyan	Dr. U.R. Saroj Asstt. Professor Dr. A.K. Sahu Lecturer	Clinical Study on the Efficacy and Safety of Tryushnadi Guggulu in Medoroga with Special Reference to Dyslipidaemia.
18.	Dr. Rashmi C. Kanskar	Prof. R.K. Joshi Professor Dr. J.P. Singh Lecturer	Clinical and Experimental Study of Phalatrikadi Ghana Vati in the Management of Hepatocellular Jaundice (Kamala).
19.	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).
20.	Dr. Kantilal Mali	Prof. R.K. Joshi Professor Dr. U.R. Saroj Asstt. Professor	Clinical Evaluation of Efficacy of Ajamodadi Vataka and Erandadi Kwatha in the Management of Amavata with special reference to Rheumatoid Arthritis.
21.	Dr. Dyanda S. Joshi	Dr. A.K. Sahu Lecturer Dr. Harish Bhakuni Lecturer	Clinical Evaluation of Efficacy of Adityapak Guggulu and Griva Basti in the Management of Griva Sandhigatvata (Cervical Spondylosis).
22.	Dr. Deepak Kumar	Dr.C.B. Sharma Associate Professor Dr. U.R. Saroj Asstt. 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).
23.	Dr. Reetu Yadav	Dr. J.P. Singh Lecturer Dr. A.K. Sahu Lecturer	Experimental and Clinical Study of Aqueous Extract of Eclipta alba in the Management of Essential Hypertension.

24.	Dr. Monu Gupta	Dr. Harish Bhakuni Lecturer Dr. J.P. Singh Lecturer	A Clinical Evaluation of Safety and Efficacy of Triphaladi Kwatha and Karanjadi Lepa in the Management of Vicharchika (Neuro dermatitis) - A Randomized Controlled Trial.
25.	Dr. Dinesh K. Bairwa	Prof. R.K. Joshi Professor Dr. U.R. Saroj Asstt. Professor	Comparative Study of Efficacy and Safety of Krishnadi Churna and Vasadi Kwatha in Tamaka Shwasa w.s.r. to Bronchial Asthma.

During the year under Report, the following 1 research work of Ph.D.(Ayurveda) Scholar was completed:

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Amit Kumar Sharma	Dr. R. K. Joshi Professor	Controlled Randomized Clinical Evaluation of Herbal Formulation 'Cap.Cardicap' & Lekhana Basti in the Management of Dyslipidemia w.s.r. Coronary Heart Disease (Hridroga).

During the year under Report, the following 2 research works of Ph.D.(Ayurveda) Scholars were in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Archana Nirvati Bhangre	Prof. A.K. Sharma Director	Clinical Evaluation of Herbal Nubulizer and Haritkyadi Yoga in the Management of Tamak Shwasa w.s.r. to Bronchial Asthma.
2.	Dr. Motilal Rathore	Prof. A. K. Sharma Director	A Clinical Study to Evaluate the Therapeutic Efficacy of Shankarvati and Chavyadi Shaktu Prayoga in the Management of Syndroms 'X' (Prameha).

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 inhabitat areas in Rajasthan. The Department is running a Geriatric unit smoothly and providing good facilities to elderly patients of the society.

Weekly Seminars

Weekly Seminars on departmental level as well as inter-departmental level were organised regularly on topics with regard to Journal, Thesis and Clinical Case Presentation, respectively. Teachers and Students of the Departments actively participated in it and presented their research work. Keynote Lectures were also delivered by the departmental teachers in these Seminars.

Publication:

(A) Books

1.	Prof. R. K. Joshi, Professor, "Manas Rog - Part-I", Jagdish Sanskrit Pustkalaya, Jaipur.
2.	Prof. R. K. Joshi, Professor, "Manas Rog - Part-II", Jagdish Sanskrit Pustkalaya, Jaipur.
3.	Prof. R. K. Joshi, Professor, "Internal Medicine - Kayachikitsa Part-I" (Under Publication) Jagdish Sanskrit Pustkalaya, Jaipur.
4.	Prof. R. K. Joshi, Professor, "Hradya Roga and Ayurveda Treatment" (Under Publication) Jagdish Sanskrit Pustkalaya, Jaipur.

(B) Articles Published in Journals/Magazines:

1.	Prof. R. K. Joshi, Professor and Dr. Namrat Satpute, PG Scholar, "A Clinical Study of Khandamalki and Shatavari Sidha Ksheer on Amalapitta", World Journal of Pharmacy and Pharmaceutical Science, Vol.2, November 2013.
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2.	Prof. R. K. Joshi, Professor and Dr. N. Kolhe, Scholar "A Comparative Study on Katak Khadiradi Kashyam and Niruryadi Gulika in the Management of Madhumeha w.s.r. to Hyaperglysemia", International Ayurvedic Journal, IAMJ, January-February 2014, Pg. 53-61.
3.	Dr. A. K. Sharma, Professor, Prof. R. K. Joshi, Professor and Dr. Amit Kumar Sharma, Ph.D. Scholar, "Cardiac Disorders in Ayurveda", The Antiseptic, Vol.111, February 2014, Pg. 96-98.
4.	Prof. R. K. Joshi, Professor and Dr. Deshmukha Rohani, Scholar "Clinical Evaluation of the Efficacy of Vachadi Compound and Shirodhara by Ksheer in the Management of Raktagat Vat with special reference to Hypertension", The Antiseptic, Vol - 110, December, 2013, Pg. 608-613.
5.	Dr. Udai Raj Saroj, Assistant Professor, "Role of Amrutadhya Guggulu and Lekhana Basti in Medodushti with special reference to Dyslipidaemia" International Ayurvedic Medical Journal, Vol.I, Issue-2, March-April 2013, Pg. 1-6.
6.	Dr. Chandra Bhanu Sharma, Associate Professor, Dr. Udai Raj Saroj, Dr. A.K. Sahu and Dr. J.P. Singh, Assistant Professors, "Development and Validation of Assessment Criteria of the Nidranasha" Journal of Ayurvea, Vol.VII-1, January-March 2013, Pg. 54-56.
7.	Dr. Chandra Bhanu Sharma, Associate Professor, Dr. Udai Raj Saroj, Dr. A.K. Sahu and Dr. J.P. Singh, Assistant Professors, "Development and Validation of Assessment Criteria of the Manaa Bhava related to Vata Dosha" Journal of Ayurvea, Vol.VII-1, January-March 2013, Pg. 57-61.
8.	Dr. Chandra Bhanu Sharma, Associate Professor, Dr. Udai Raj Saroj, Dr. A.K. Sahu and Dr. J.P. Singh, Assistant Professors, "Scope of Development and Validation of Assessment Criteria for Ayurvedic Research on Vatika Unmada" Journal of Ayurvea, Vol.VII-1, January-March 2013, Pg. 62-70.
9.	Dr. Udai Raj Saroj, Assistant Professor, "Clinical Study on the Effect of some Herbal Drugs in the Management of Ischemic Heart Disease (Vatika Hridroga)" (submitted for publication) Journal of Ayurvea, NIA, Jaipur.
10.	Dr. Udai Raj Saroj, Assistant Professor, "Clinical Evaluation of the Efficacy of Shankhapushpi Panak and Shirodhara with Mansyadi Kwatha in the Management of Chittodvega w.s.r. to Generalized Anxiety Disorder" (submitted for publication) Journal of Ayurvea, NIA, Jaipur.
11.	Dr. Udai Raj Saroj, Assistant Professor, "Clinical Evaluation of the Efficacy of Alambushadi Ghana Vati and Vaitarana Basti in the Management of Amvata with special reference to Rheumatoid Arthritis" (submitted for publication) Journal of Ayurvea, NIA, Jaipur.
12.	Dr. Udai Raj Saroj, Assistant Professor, "Clinical Study on the Effect of Vidangadya Churna and Lekhan Basti in Medodushti with special reference to Dyslipidaemia" (submitted for publication) Journal of Ayurvea, NIA, Jaipur.
13.	Dr. A.K. Sahu, Lecturer, "Comparative Study of Virechana Karma and Mashatmguptadi Kwatha in the Management of Pakshaghata (Hemiplegia)", (submitted for publication) Journal of Ayurvea, NIA, Jaipur.
14.	Dr. A.K. Sahu, Lecturer, "A Clinical Study to Evaluate Efficacy of Eladi Churna and Katankateryadi Kwatha in the Management of Madhumeha w.s.r. to Diabetes Mellitus", (submitted for publication) Journal of Ayurvea, NIA, Jaipur.
15.	Dr. A.K. Sahu, Lecturer, "Clinical Study to Evaluate Efficacy of Rasnasaptak Ghan Vati and Janu Basti in the Management of Sandhigatavata w.s.r. to Osteoarthritis", (submitted for publication) Journal of Ayurvea, NIA, Jaipur.
16.	Dr. A.K. Sahu, Lecturer, "Clinical Study on Guduchi Bhadra Mustadi Kashaya in Medoroga w.s.r. to Dyslipidemia", (submitted for publication) Journal of Ayurvea, NIA, Jaipur.
17.	Dr. A.K. Sahu, Lecturer, "Clinical Evaluation of Herbal Nebulizer and Haritakyadi Yoga in the Management of Tamak Shwasa w.s.r. to Bronchial Asthama", (submitted for publication) Journal of Ayurvea, NIA, Jaipur.
18.	Dr. J.P. Singh, Lecturer, "Ayurvedic way to manage the Parkinson's Disease w.s.r. to Kampavata", The Antiseptic - A Monthly Journal of Medicine & Surgery (Peer Reviewed), 2014.
19.	Dr. J.P. Singh, Lecturer, "A Review on Mode of Action of Basti according to Ayurved and Modern Science", The Antiseptic - A Monthly Journal of Medicine & Surgery (Peer Reviewed), Vol.110, No.6, June 2013, Pg. 511-513.
20.	Dr. J.P. Singh, Lecturer, "Garcinia Indica for Metabolic Syndrome - A Review", International Journal of Experimental Pharmacology, Vol.3, Issue-2, 2013.
21.	Dr. J.P. Singh, Lecturer, "Metabolic Syndrome in Ayurveda - A Critical Review", International Ayurvedic Medical Journal (Peer Reviewed), Vol.1, Issue-4, July-August 2013.
22.	Dr. J.P. Singh, Lecturer, "Clinical Evaluation of Ayurvedic Herbomineral Peparation in the Management of Iron Deficiency Anaemia", Aryavaidyan(Peer Reviewed Journal), Vol.XXVI, No.3, February-April 2013, Pg. 177-180.
23.	Dr. J.P. Singh, Lecturer, "Clinical Study of Pippali Vardhman Rasayan in the Management of Jalodar w.s.r. to Refractory Cirrhotic Ascites", Journal of Research and Education in Indian Medicine, Vol.XVIII(3-4), : 101-106 (2011).

24.	Dr. Harish Bhakuni, Lecturer, "Role of Rasayana in the Disorders of Great Mortality and Morbidity - A Critical Review", International Ayurvedic Medical Journal, Vo.I, Issue 2, March-April 2013. (Review Article).
25.	Dr. Harish Bhakuni, Lecturer, "Case Study on the Effect of Piccha Vasti in the Management of Raktatisara w.s.r. Ulcerative Colitis", International Ayurvedic Medical Journal. (Submitted for Publication).
26.	Dr. Harish Bhakuni, Lecturer, "Clinical Evaluation of Madhupramehari Vati in the Management of Madhumeha with special reference to Diabetes Mellitus II", Journal of Ayurveda, NIA, Jaipur. (Submitted for Publication).
27.	Dr. Harish Bhakuni, Lecturer, "Clinical Evaluation of Diabecare Yoga (Kalpita Yoga) in the Management of Ahitaaharaja Apathyanimittaja Prameha w.s.r. to Type-2 Diabetes Mellitus as a Naimittika Rasayana", International Ayurvedic Medical Journal. (Submitted for Publication).

(C) Participation and Paper Presentation in Workshops/Seminars

1.	Dr. Udai Raj Saroj, Assistant Professor, participated in 9-days Workshop on Discovering Statistics by MS Excel and SPSS" organised by Department of DST - Centre for Interdisciplinary Mathematical Sciences, Banaras Hindu University, Varanasi on 27 May 2013 to 4 June 2013.
2.	Dr. Ajay Kumar Sahu, Lecturer participated in International Seminar on Ayurveda for Public Health - Gobal Ayurveda Festival 2014 - on 20-24 February, 2014 at Kochin (Kerala).
3.	Dr. Ajay Kumar Sahu, Lecturer participated in State Level Seminar organised by Ayurvediya Parisanvad on 3-5 January, 2014 at Yavatmal, Maharashtra State and presented a Research Paper titled A Clinicl Study to Evaluate the Efficacy of Jalaukavacharan and Sarivadyasav in Yuvanpidika.
4.	Dr. Harish Bhakuni, Lecturer presented a Research Paper titled Effect of Guduchyadi Kwatha and Vamana Therapy in the Management of Psoriasis (Ekkustha) in International Seminar on Ayurveda for Public Health - Gobal Ayurveda Festival 2014 - on 20-24 February, 2014 at Kochin (Kerala).
5.	Dr. J.P. Singh, Lecturer, presented a paper titled Safety Measures in Panchakarma in National Workshop on the Role of Panchakarma in the Management of Chronic and Intractable Disease organised by National Academy of Panchakarma and Research, Department of Kayachikitsa, Banaras Hindu University, Varanasi in April, 2013.
6.	Dr. J.P. Singh, Lecturer, presented a paper titled Clinical Efficacy of Kukshi Vasti in Management of Irritable Bowel Syndrome in National Workshop on Recent Advancement of Panchakarma-2013 organised by Rishikul Government Ayurvedic College & Hospital, Haridwar(UK) in 18-21 October 2013.

(D) Participation and Guest Lectures in various Programs

1.	Dr. J.P. Singh, Lecturer delivered Guest Lectures on following topics: 1. Rakta Pitta Ki Chikitsa (Rajasthan Ayurved Vigyan Parishad, Jaipur) 2. Grahani Roga Ki Safal Chikitsa (Rajasthan Ayurved Vigyan Parishad, Jaipur) 3. Concept of Ama (Shubhdeep Ayurved Medical College & Hospital, Indore) 4. Treatment of Amavata w.s.r. to Rheumatoid Arthritis (Shubhdeep Ayu. Med. College & Hospital, Indore) 5. Role of Ayurveda in Treatment of Tuberculosis
2.	Dr. Ajay Kumar Sahu, Lecturer delivered an Extension Lecture on Anidra - Karan Evam Upachar on 7-4-2013 at Rajsthan Ayurveda Vigyan Parishad, Jaipur.
3.	Dr. Harish Bhakuni, Lecturer delivered an Extension Lecture on Management of Respiratory Disorders in Ayurveda in Arogya Mela held on 7-4-2014 at Jaipur.

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

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Prof. Ram Kishor Joshi Professor	<ol style="list-style-type: none"> Performed additional duties in addition to his duties as Deputy Meical Superintendent of the Hospital. He has managed and supervised the patient care activities in the Hospitals and maintained bed occupancy in IPD as per CCIM norms. He has given instructions to RMO and OPD Incharge for making necessary arrangements for smooth functioning the hospital activities. Performed additional duties as Head of the Department and conducted teaching, training and research activites in the Department. He has allotted topic to PG Scholars for their

		<p>research work and conducted special classes for PG Scholars for preparation of Competitive Examinations conducted by USPC and RPSC.</p> <ol style="list-style-type: none"> 3. Worked as Internal/External Examiner for UG, PG and Ph.D. Examinations. 4. Supervised MD(Ay.) and Ph.D. Thesis. 5. Worked as In-Charge of Nurse and Compounder Training Center. 6. Acted as Chairman of Biowaste Disposal Committee of the Institute. 7. Acted as Chairman of National Accreditation Board for Hospital-of the Institute. 8. Acted as Member of Anti Ragging Committee of the Institute. 9. Acted as Member Secretary of Health Committee. 10. Appointed Member of Uttarakhand Public Service Commission. 11. Worked as In-Charge SC & ST Cell of the Institute. 12. Appointed as Expert in the Selection Committee by RSPC, Ajmer for selection to the Posts of Rural Medical Officer. 13. Worked as Expert Member of Purchase Committee for IMPCL Medicines for SC-ST Camps of the Institute. 14. Worked as Member of Institutional Ethical Committee of NIA. 15. Worked as Expert Member for UPSC, New Delhi in Interview of Medical Officer/Research Officer held in March-April 2014.
2.	Dr. Chandra Bhanu Sharma Associate Professor	<ol style="list-style-type: none"> 1. Supervised Thesis Works of PG Scholars.
3.	Dr. Udai Raj Saroj Assistant Professor	<ol style="list-style-type: none"> 1. He has performed additional duties as Resident Medical Officer (RMO) of IPD of Hospital and managed medicine, diet etc. supply to the patients by issuing necessary orders to Staff etc. He also made necessary arrangement including Hospital's Main Store and Medicine Store for smooth running of Hospital. 2. Worked as Internal Examiner in Practical and Viva-Voce of Diploma in AYUSH Nursing & Pharmacy, Part-II, Batch 2010 Examination held on 14-11-2013. 3. Worked as Member of Bio-Medical Waste Management Committee. 4. Worked as Member of Medical Board of NIA. 5. Worked as Member of Medical Bills Scrutiny Committee. 6. Worked as Medical Examination Committee for PG Students. 7. Worked as Member of Committee on Hospital Patient Care Allowance. 8. Worked as Deputy Medical Superintendent In-Charge of Hospital in absence of regular Deputy Medical Superintendent. 9. Approved Ph.D. Guide by Dr. S.R. Rajasthan Ayurveda University, Jodhpur.
4.	Dr. Ajay Kumar Sahu Lecturer	<ol style="list-style-type: none"> 1. Worked as In-Charge of 1-Day Mobile Medical Camp organised at Village Agar, District Alwar.

		<ol style="list-style-type: none"> 2. Attended 2 Mobile Medical Camps (1 six-days and 1 one-day) organised at Villages Goner-Luniyawas and Triveni Dham-Shahpura District Jaipur. 3. Participated in Arogyamela organised by Govt. of Rajasthan in March, 2014. 4. Coordinated the visit of Hungarian Delegation in NIA. 5. Acted as Member of Committees for Purchase, Sports and Cultural of the Institute. 6. Appointed Expert Member for M.Sc.(Ayu.) Syllabus, Kalaria University Colombo, Sri Lanka.
5.	Dr. J. P. Singh Lecturer	<ol style="list-style-type: none"> 1. Attended 7 Mobile Medical Camps (3 one-day, 2 four-days and 2 six-days) organised in Lucknow, Srimadhapur, Alwar and Jaipur Districts and worked as In-Charge in 2 six-days Medical Camps. 2. Worked as Examiner for UG Examinations, PG Thesis Evaluation and in the Panel of Examiner for Evaluation of Ph.D.Thesis of BHU University. 3. Worked as Coordinator of National Campaign on Ayurveda for Geriatric Health Care (Geriatric Clinical Record) sponsored by CCRAS and Department of AYUSH. 4. Worked in the following Committees of the Institute as: <ol style="list-style-type: none"> (i) Chairman of the Committee on Right-off the Unusable Items. (ii) Inquiry Member, Waste Brass Material of IPD (iii) Member, Flying Squad of Dr. S.R.R. University, Jodhpur. (iv) Member Secretary, Arogya Melas. (v) In-Charge of NIA Stalls installed in Arogya Melas organised at Lucknow and Jaipur. (vi) Observer for Nurse/Compounder Entrance Admission Counseling conducted by Dr. S.R.R. University, Jodhpur. (vii) Inspector for Inspection of Ayurvedic Nursing College conducted by Dr. S.R.R. University, Jodhpur. (viii) Inquiry Officer in a Departmental Enquiry.
6.	Dr. Harish Bhakuni Lecturer	<ol style="list-style-type: none"> 1. Attended 2 Mobile Medical Camps (1 one-day and 1 six-days) organised in Dungarpur and Jaipur Districts and worked as In-Charge in 1 six-days Medical Camp. 2. Coordinated the visit of Hungarian, Mozambican and Spain delegation in NIA. 3. Worked in the following Boards/Committees of the Institute as: <ol style="list-style-type: none"> (i) Member, Editorial Board of International Ayurvedic Medical Journal. (ii) Member, Sports Committee. (iii) Member, Cultural Committee. (iv) Member, Purchase Committee for Sports. (v) Member of Examination Panel of HP University, Shimla. (vi) Observer for Nurse/Compounder Entrance Admission Counseling conducted by Dr. S.R.R. University, Jodhpur. (vii) Member, Flying Squad of Dr. S.R.R. University, Jodhpur. (viii) Prepared Paper of the Subject of M.D.(Kayachikitsa) for HP University, Shimla. 4. Attended a Meeting convened in the Department of AYUSH on Development of Document for the Clinical Establishment.

DEPARTMENT OF MAUKLIK 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 Professors, 3 Assistant Professors and 1 Lecturer with other supporting technical and non-technical staff were working in the Department.

Aims & Objectives

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

Achievements

Academic:

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

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

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

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Pankaj Gahunge	Dr. Kedar Lal Meena Associate Professor Dr. Asit Kumar Panja Assistant Professor	A Clinical and Fundamental Study on the Principle "Karyam naikantikam tabhyan prayah shreyo anilapaham" in shwasa roga.
2.	Dr. Yogendra Kamble	Dr. Kedar Lal Meena Associate Professor Dr. Govind Pareek Assistant Professor	Study on Bhutvidya in brihatrayee.
3.	Dr. Gayatri Kalundha	Dr. Kedar Lal Meena Associate Professor	A Fundamental and Clinical Study of "Saman gunabhyso hi dhatuna vridhhi karanam" w.s.r. to vibhitakadi vatak on pandu roga.

4.	Dr. Anjali Goyal	Dr. Baldev Kumar Associate Professor Dr. Shailja Bhatnagar Lecturer	A Fundamental and Clinical Study on Functional Aspect of Srotomoola w.s.r. to "Medovahana srotasam vrikko mulam vapavan cha".
5.	Dr. S.P. Maligoda	Dr. Baldev Kumar Associate Professor	A Comprehensive and Critical Study of Odana karma according to Panchmahabhautic Sangatan w.s.r. in Amlapitta.
6.	Dr. Soni Verma	Dr. Baldev Kumar Associate Professor	A Fundamental and Clinical Study in the functional aspect of srotomoola w.s.r. to "Shonitvahana srotasa yakritmoola pliha cha"
7.	Dr. Rajani Verma	Dr. Nisha Gupta Assistant Professor	"Asatmyaja hi roga syuh sahasa tyagshilanat" A cross sectional study with reference to anurjatajanya disease in rutu sandhi period.
8.	Dr. Vipin Kumar	Dr. Kedar Lal Meena Associate Professor Dr. Govind Pareek Assistant Professor	अम्लपित्ते प्रयोक्तव्यः कफपित्तहरो विधिः । (सि.यो. 53/43) सिद्धान्त पुष्ट्यर्थं अम्लपित्त व्याधि में "पटोलादि क्वाथ" एवं "खण्डामलकी" का तुलनात्मक एवं चिकित्सात्मक अध्ययन ।
9.	Dr. Shweta Dewan	Dr. Baldev Kumar Associate Professor Dr. Govind Pareek Assistant Professor	A Fundamental and Clinical Study of "Rasavahe srotasam hridayam mulam dashasc dhamanyah" to prove the functional utility of srotomoola.
10.	Dr. Mahesh Chouhan	Dr. Baldev Kumar Associate Professor Dr. Shailja Kumari Lecturer	To establish functional utility of Pranavaha Srotomoola through fundamental and clinical study of "Tamak Swasa" as Pranavaha pradoshaja vikara.
11.	Abhijeet Kumbhar	Dr. Nisha Gupta Assistant Professor	A Survey Study of Allergic (Anurjatajanya) Diseases to establish relationship with the ama with regards to "Rogah Saveapi Mandeagnou"
12.	Dr. Nidhi Sharma	Dr. Nisha Gupta Assistant Professor Dr. Asit Kumar Panja Assistant Professor	A Conceptual and Clinical Study of Tarpana Karma in Anidra in the preview of "Nidranasonilat..... pratyantikaih prasamyati"
13.	Dr. Pallavi Dixit	Dr. Govind Pareek Assistant Professor Dr. Asit Kumar Panja Assistant Professor	A Fundamental and Clinical Study of "Hrasaheturvisheshasc....." with special reference 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. Manisha Tiwari	Dr. Kedar Lal Meena Associate Professor Dr. Govind Pareek Assistant Professor	यत्किञ्चित् कफवातघ्नमुष्णं वातानुलोमनम सिद्धान्त पुष्ट्यर्थं तमक श्वास व्याधि में कृष्णादि चूर्ण एवं शृंग्यादि चूर्ण का तुलनात्मक अध्ययन ।
2.	Dr. Aswathy Nair	Dr. Kedar Lal Meena Associate Professor Dr. Govind Pareek Assistant Professor	A Critical study of Sleep Disorders Mentioned in Ayurveda Samhitas w.s.r. to Nidrakara Bhavas in 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 विशोधयेत्....'

4.	Dr. Dhola Ram Saini	Dr. Baldev Kumar Associate Professor Dr. Shailja Kumari Lecturer	सर्वदा सर्वभावानां सामान्यं वृद्धिकारणम् सिद्धान्त पुष्ट्यर्थं शुक्रक्षय में शुक्रजनन महाकषाय व शुक्रशोधन महाकषाय का चिकित्सात्मक अध्ययन ।
5.	Dr. 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. Shailja Kumari Lecturer	‘उक्तं संतर्पणोत्थानामपतर्पणमौषधम् ।’ (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 क्लैब्य रोग में वाजीकरण घृत का चिकित्सात्मक अध्ययन ।
8.	Dr. Manish Singh	Dr. Kedar Lal Meena Associate Professor Dr. Govind Pareek Assistant Professor	A Clinical and conceptual study of Pathyādi cūrṇa and Vibhītaka cūrṇa on Tamaka Śvāsa in the purview of ‘मुहुर्मुहुर्विषच्छर्दि हिध्मातृश्वासकासिषु’ (अ.ह.सू. 13/40)
9.	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 <u>w.s.r. to Postmenopausal Osteoporosis</u>
10.	Dr. Kundan	Dr. Baldev Kumar Associate Professor Dr. Shailja Kumari Lecturer	A Fundamental and Clinical study on Functional aspect of “Udakavaha Srotas and Strotomoola w.s.r. to Prameha.”
11.	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
12.	Dr. Shanker Lal Burdak	Dr. Nisha Gupta Assistant Professor	‘चिकित्सया विषध्न्यैव स शर्म लभते नरः ।’ (च.चि. 3/118) “An Assessment of Immuno-modulatory effects of Viśaghna mahākaṣāya in the patients of Anūrjatājanya tamaka śvāsa (Allergic asthma).”
13.	Dr. Suman	Dr. Asit Kumar Panja Assistant Professor Dr. Shailja Kumari Lecturer	चरक संहिता की उपलब्ध संस्कृत टीकाओं में प्राप्त पाठान्तरों का विवेचनात्मक अध्ययन ।
14.	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 - ‘संतर्पणोत्थानामपतर्पणमौषधम्’

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Arvind Gupta	Dr. Kedar Lal Meena Associate Professor	Brihatrayee me pathyapathya ka vaigyanika vishleshanparak adhyayan evam uski chikitsa me upadeyata.
2.	Dr.(Ms.) MWSJ Kumari	Dr. Baldev Kumar Associate Professor	A Critical Analysis of the Basic Principle of Stress related Diabetes Mellitus and the Role of Counselling and Medhya Rasayana in its Management.
3.	Dr. Sangeeta S. Mishra	Dr. Kedar Lal Meena Associate Professor	वृद्धत्रयी के शारीरस्थानोक्त दार्शनिक प्रस्थानों का समीक्षात्मक अध्ययन एवं चैकित्सकीय वैशिष्ट्य ।
4.	Dr. Monika Kumari	Dr. Kedar Lal Meena Associate Professor	A fundamental and clinical study of Apanavaigunya in udavartini yonivyapada in the purview of "apanam cha anulomyet....." (ch.chi.28/219)"

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.

Publication:

(A) Books

1.	Dr. Asit Kumar Panja, Lecturer authored a book titled Antimicrobial Activity in Ayurveda and Role of Herbs on Gram-ve Bacteria, published by Lambert Academic, Germany (ISBN 978-3-659-46908-4), September 2013.
2.	Dr. Govind Pareek, Lecturer authored and published a book titled Charak Chakra Chandrika.
3.	Dr. Govind Pareek, Lecturer authored and published a supplementation of earlier published book "Ayurveda Samgrah".

(B) Articles Published in Journals/Magazines:

1.	Dr. Kedar Lal Meena, Associate Professor, "A Survey based conceptual and applied study on the role of kramviruddha ahara in genesis of disease", Journal of Ayurveda, National Institute of Ayurveda, Jaipur, Peer Reviewed ISSN No.2321-0435, April-June 2013.
2.	Dr. Kedar Lal Meena, Associate Professor, "A Survey Based Comprehensive Study of Bala (Vital Strength) w.s.r. to Visarga Kala (Southern Solistice)", IAMJ, Peer Reviewed ISSN No. 2320-5091, January-February 2014.
3.	Dr. Baldev Kumar Dhiman, Associate Professor, "The Clinical Utility Of Basic Principles Of Ayurveda ", IAMJ, Peer Reviewed ISSN No. 2320-5091, Vol-I, Issue 6, December 2013.
4.	Dr. Baldev Kumar Dhiman, Associate Professor, "A Clinical Study To Establish The Functional Utility Of Srotomoola w.s.r Rakta Dhatu Pradoshaja Vikara (Asrigdara)", IJAR, ISSN 2320-5407, Volume I, Issue 10, 2013.
5.	Dr. Baldev Kumar Dhiman, Associate Professor, "The Importance of Sroto Moola Chikitsa- A Clinical Study w.s.r Asrigdara ", IAMJ, Peer Reviewed ISSN No. 2320-5091, Vol-I, Issue 6, December 2013.
6.	Dr. Baldev Kumar Dhiman, Associate Professor, "An Insight into the concept of Bhaisajya Kala and Agni in Ayurveda", Punarnav, ISSN 2348 1846, Vol-2, Issue 1.
7.	Dr. Baldev Kumar Dhiman, Associate Professor, "An Ayurvedic Concept of Healthy Lifestyle For Problems of Present Era", Punarnav, ISSN 2348 1846, Vol-1, Issue 1.
8.	Dr. Baldev Kumar Dhiman, Associate Professor, "A New Outlook Towards Healthy Lifestyle by Ayurveda", Journal of Vishwa Ayurveda Parishad, ISSN 0976 8300, January-February 2014.

9.	Dr. Baldev Kumar Dhiman, Associate Professor, "A Clinical Study To Establish The Importance Of Srotomoola Chikitsa W.S.R Tamak Shwasa", Punarnav, ISSN 2348 1846, Vol-1, Issue 3.
10.	Dr. Baldev Kumar Dhiman, Associate Professor, "The Basics Of Healthy Living (Swasthavritta) - A Boon From Ayurveda", IAMJ, Peer Reviewed ISSN No. 2320-5091, Vol-2, Issue 2.
11.	Dr. Nisha Gupta, Assistant Professor, "Anti-Allergic Properties of Anurjatari Yoga – A Clinical Study", Aryavaidyan - A quarterly Journal of the Arya Vaidya Sala, Kottakkal, ISSN – 0970 4086, Vol. XXVIII, No. 2, November 2013 - January 2014.
12.	Dr. Nisha Gupta, Assistant Professor, Co-authored "Langhana a Major Breakthrough in Amavata", Journal of Vishwa Ayurved Parishad, ISSN 0976 8300, Year – 11, Vol. 3-4, March – April 2014.
13.	Dr. Nisha Gupta, Assistant Professor, Co-authored "A Comparative Study on "Guduchi" and "Rose Water Shirodhara in Stress Induced Insomnia w.s.r. to the Principle "Brinhanam yatca tat sarvam prasastham vataroginam", Aryavaidyan, ISSN – 0970 4086, Vol. XXVI, No. 4, May-July 2013.
14.	Dr. Asit Kumar Panja, Lecturer, "The Liberation according to the Philosophy Rasa School", Ayurpharm International Journal of Ayurveda and Allied Sciences, Peer-reviewed, ISSN 2278-4772, Volume 2, Issue 4, April 2013.
15.	Dr. Asit Kumar Panja, Lecturer, "Outline Of Cancer Therapy in Ayurveda", Souvenir of a National Seminar, Guru Ravidas Ayurveda University, Hoshiarpur, April 2013.
16.	Dr. Asit Kumar Panja, Lecturer, "Assessment of Dormant Stage of Dosha", Swasthya, April-June 2013.
17.	Dr. Asit Kumar Panja, Lecturer, "Effect Of Root Tubers Of Safed Musli (Chlorophytum Borivilianum) On Semen & Testosterone", AYU, Peer-Reviewed, ISSN : 0974-8520, April-June 2013.
18.	Dr. Asit Kumar Panja, Lecturer, "An Ayurvedic Apparoach Towards Oral Hygiene", Journal of Pharmaceutical Research and Opinion, Peer-reviewed, ISSN No 2249-1953, May 2013.
19.	Dr. Asit Kumar Panja, Lecturer, "Clinical Evaluation Of Sirodhara And Yoga Therapy In Management Of Chronic Insomnia", IRJP, Peer-reviewed, ISSN 2230-8407, June 2013.
20.	Dr. Asit Kumar Panja, Lecturer, "Comprehensive Review of Kutipravesika Rasayana", NAMA, ISSN 0971-684-X, July 2013.
21.	Dr. Asit Kumar Panja, Lecturer, "The Pathological Concepts of Carakopaskara Commentary", Journal of Ayurveda, Peer-reviewed, ISSN 2321 – 0435, July-September 2013.
22.	Dr. Asit Kumar Panja, Lecturer, "Ayurveda Vanmaya Me Nari", Sahitya Mandakini, ISSN No 23209534, July December 2013.
23.	Dr. Asit Kumar Panja, Lecturer, "Irritable Bowel Syndrome And Its Ayurvedic Management", Universal Journal of Pharmacy, Peer-reviewed, ISSN 2320-303X, June 2013.
24.	Dr. Asit Kumar Panja, Lecturer, "Vibhina Anupano ke Sath Makardhavaja Ka Chikitsatmak Adhyayan", Vaidyasakha, August 2013.
25.	Dr. Asit Kumar Panja, Lecturer, "Scope of Mitigation of Stress Condition in Early Buddhism and Ayurveda ", International Ayurvedic Medical Journal, ISSN 2320 5091, Volume 1; Issue 5; September 2013.
26.	Dr. Asit Kumar Panja, Lecturer, "Carakasushrutasamhitayo Narimahattvam", Sambhasana Sandesh, ISSN 2249-6440, October 2013.
27.	Dr. Asit Kumar Panja, Lecturer, "Ayurvediya Sadvritta (Hindi)", Swasthya, November 2013.
28.	Dr. Asit Kumar Panja, Lecturer, "Santarpanjanya Prameh-Samprapati Vichar", Visha Ayurveda Parisad, ISSN 0976-8300, December 2013.
29.	Dr. Asit Kumar Panja, Lecturer, "A Survey Based Comprehensive Study of Bala (Vital Strength) w.s.r. to Visarga Kala (Southern Solistice)", International Ayurvedic Medical Journal, ISSN : 2320 5091, Volume 2; Issue 1; January 2014.
30.	Dr. Asit Kumar Panja, Lecturer, "Ayurvedic Management for Supportive Care in Cancer", Science India, ISSN : 0972-8287, March 2014.
31.	Dr. Govind Pareek, Lecturer, "Bhojan Kab Avum Kaise Kare", Swastaya Patrikaa, April- June, 2013.
32.	Dr. Govind Pareek, Lecturer, "Vibhinna Dalon Ka Sevan Kab Avum Kaise Kare", View Journal of Chartered Account, July 2013.
33.	Dr. Govind Pareek, Lecturer, "Chhach Avum Dahi Ka Sevan Kab Avum Kaise Kare", View Journal of Chartered Account, June 2013.
34.	Dr. Govind Pareek, Lecturer, "Lahasun(Lasun) Ka Prayog Kab Avum Kaise Kare", View Journal of Chartered Account, August 2013.
35.	Dr. Govind Pareek, Lecturer, "Snan Kab Va Kese Karen", View Journal of Chartered Account, September 2013.
36.	Dr. Shailaja Bhatnagar, Lecturer, "The Concept of Rasayana Therapy in Brihattryi", Journal of Ayurveda, Peer-reviewed, ISSN 2321-0435, vol VII-2, April-Jun 2013.

37.	Dr. Shailaja Bhatnagar, Lecturer, "Ayurveda Mein Panchgavya Ka Mahatva", Ayushman, Vol. 55, July-September 2013.
38.	Dr. Shailaja Bhatnagar, Lecturer, "Editorial", Ayushya, Souvenir of ICCRH, 2013.
39.	Dr. Shailaja Bhatnagar, Lecturer, "Rasayana Therapy and its Mode of Action", Ayushya, Souvenir of ICCRH, 2013.
40.	Dr. Shailaja Bhatnagar, Lecturer, "Garlic- A wonder Medicine", Sanjivani, Souvenir 2014.

(C) Participation in Workshops/Seminars

1.	Dr. Kedar Lal Meena, Associate Professor participated in a Seminar organised at ASRI, Lucknow on 6-7 April 2013 and presented the 4 research papers viz. (i) Shad Dhatvatmak Purush (Chikitsya Purusha) (ii) Deha Prakriti Ek Vivechanaparaka Adhyayana (iii) Prakriti - A Symptometological Comparison (iv) Concept of Srishti Utpatti Karma in purusha.
2.	Dr. Kedar Lal Meena, Associate Professor participated in Global Ayurved Festival organised at Kocchi on 20-24 February 2014 and presented a research paper titled "Cosmetology in Ayurveda".
3.	Dr. Kedar Lal Meena, Associate Professor participated in a Seminar organised by Vishwa Ayurved Parishad at Ujjain on 28-29 March 2014 and presented 3 paper titled (i) Concept of Swapna in Ayurveda (ii) A Conceptual Study of Tamaka Swasa (iii) Information, Communication and Education(IEC) in Ayurveda.
4.	Dr. Kedar Lal Meena, Associate Professor participated in Seminar organised by KLE at Belgau on 11-12 April 2014 and presented a paper titled Recent Issues of Obesity in South Asia-Meda Manthan.
5.	Dr. Nisha Gupta, Assistant Professor participated in International conference and exhibition on traditional and alternative medicine organised by OMICS Group at Hyderabad on 9-11 December 2013 and presented a research paper titled Random Withdrawal - Knocking Allergies - A Cross Sectional Study w.s.r. to Ritusandhi.
6.	Dr. Shailaja Bhatnagar, Lecturer participated as editorial speaker in International Conference on current researches in healthcare organised by Ayushya at National Science Library Auditorium, Izzatnagar, Bareilly (UP) on 15 September 2013.
7.	Dr. Shailaja Bhatnagar, Lecturer participated in a Conference 'Sanjivani-2014' organised at Punjab Ayurveda College, Sriganaganagar on 16-17 February 2014.

(D) Guest Lectures delivered by Faculty Members:

Sl. No.	Inviting Authority	Venue	Topic	Dated
Guest Lectures delivered by Dr. Baldev Kumar Dhiman, Associate Professor:				
1.	Viswa Ayurveda Parisad Vyaktitva Vikas Shivar	Vidya Bharati, Kawahar Nagar, Jaipur	Vata Vyadhi	June 2013
Guest Lectures delivered by Dr. Asit Kumar Panja, Lecturer:				
2.	Ayurveda Vigyan Parishad, Memorial Lecture	Swami Laksmiram Trust, Jaipur	Ayurveda Approach of Treatment in Bhuta Vidya.	1-6-2013
3.	Viswa Ayurveda Parisad Vyaktitva Vikas Shivar	Vidya Bharati, Jawahar Nagar, Jaipur	Patha-vidhi and Treatment Principles.	10-6-2013
4.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Principles and Practical Management of Pandu, Kamla, Kasa and Swas.	22-8-2013
5.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Principles and Practical Management of Udara, Amlapitta, Sula.	24-8-2013
6.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Principles and Practical Management of Seasonal Disease.	25-8-2013
7.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government,	Treatment approach of Respiratory system disease.	11-9-2013

		RICEM, Jaipur		
8.	Department of Ayurveda, Govt. of Rajasthan	RICEM, Jhalana (Pandu-Kamla Samito)	Shaman Cikitsa for Pandu Roga.	24-9-2013
9.	Department of Ayurveda, Govt. of Rajasthan	RICEM, Jhalana (Pandu-Kamla Samito)	Shaman Cikitsa for Kamla Roga.	24-9-2013
10.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Treatment Approach of Miscellaneous Diseases Udara-Roga	25-10-2013
11.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Treatment Approach of Miscellaneous Diseases Endocrinal Diseases	28-10-2013
12.	Ayurveda Vigyan Parishad , Memorial Lecture	Swami Laksmiram Trust, Jaipur	Importance of Langhana in Clinical Practice.	8-12-2013
13.	Department of Ayurveda, Govt. of Rajasthan (Manasroga Cikitsa Samiti)	Rajasthan Prodha Siksha Kendra, Jaipur	General Outline and Diagnostic Approach of Manasroga	18-12-2013
14.	Department of Ayurveda, Govt. of Rajasthan (Manasroga Cikitsa Samiti)	Rajasthan Prodha Siksha Kendra, Jaipur	Treatment of Manas Roga	19-12-2013
15.	Department of Ayurveda, Govt. of Rajasthan	Continuing Medical Education Program for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Scope of Research in Rural Practice and Vital Statistic	31-12-2013
16.	Department of Ayurveda, Govt. of Rajasthan	Continuing Medical Education Program for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Principles and Practical Management of Seasonal Disease	2-1-2014
17.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Treatment Approach of Miscellaneous Diseases Endocrinal Diseases	3-1-2014
18.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Treatment Approach for Mahasrotogata Vyadhi	18-1-2014
19.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Treatment Approach of Respiratory System Disease	17-1-2014
20.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Scope of Research in Rural Practice and Vital Statistic	18-2-2014
21.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Miscellaneous Diseases	21-2-2014
22.	DRC Meeting	Babe ke Ayurveda MCH	Ethical Committee Meeting.	26-2-2014
23.	Arogya Mela , Department of Ayurveda, Govt. of Rajasthan	Birla Auditorium, Jaipur	Treatment of Suddhavata and Amajanya Vata Roga.	1-3- 2014
24.	Ayurveda Vigyan Parishad , Memorial Lecture	Swami Laksmiram Trust	Vatavyadhi Cikitsa	2-3-2014
25.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of	Treatment of Prameha.	6-3- 2014

		Rajasthan Government, RICEM, Jaipur		
26.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Miscellaneous Disease.	6-3- 2014
Guest Lectures delivered by Dr. Govind Pareek, Assistant Professor:				
27.	Vishva Ayurveda Parishad, Vyaktitva Vikas Shivar	Madhya Pradesh.	Importance of Clinical Study of <i>Padarth Vigyan</i> .	19-5-2013
28.	Rajasthan Ayurveda Vigyan Parishad	Swami Laksmiram Trust, Jaipur	Analytical Study of <i>Rasayana</i> .	August, 2013
29.	Department of Ayurveda, Govt. of Rajasthan	Training of Trainers for Ayurveda Physician of Rajasthan Government, RICEM, Jaipur	Analysis of Halimaka, Pandu, Kumbhakamla and their Application in Treatment.	27-9-2013
Guest Lecture delivered by Dr. Shailaja Bhatnagar, Lecturer:				
30.	Department of Ayurveda, Govt. of Rajasthan (Manasroga Cikitsa Samiti)	Rajasthan Prodhia Siksha Kendra, Jaipur.	"Role of Medhya Rasayana in Mental Health"	20-12-2013

(E) Scholars Participated in Seminars/Workshops

1.	Dr. Abhijeet Kumbhar and Dr. Shreeram Kumawat, MD(Ay.) Scholars were participated in International Conference and Exhibition on Traditional and Alternative Medicine organised by OMICS Group at Hyderabad on 9-11 December 2013 and presented a poster titled Aragvadha – A miracle Drug in Skin Disorders. It was supervised by Dr. Nisha Gupta, Assistant Professor.
2.	Dr. Abhijeet Kumbhar and Dr. Shreeram Kumawat, MD(Ay.) Scholars were participated in International Conference and Exhibition on Traditional and Alternative Medicine organised by OMICS Group at Hyderabad on 9-11 December 2013 and presented a poster titled Personality Development in Ayurveda. It was supervised by Dr. Nisha Gupta, Assistant Professor.
3.	Dr. Abhijeet Kumbhar, Dr. Shreeram Kumawat and Dr. Shankar Burdak, MD(Ay.) Scholars were participated in Global Ayurveda Festival, an International Seminar organised at Kochi (Kerala) on 21-24 February 2014 and presented a poster titled Psychosomatic diseases in Ayurveda. It was supervised by Dr. Nisha Gupta, Assistant Professor.

Participation of Teachers in Mobile Medical Camps:

Sl. No.	Name of Teacher	Days of Medical Camp	Place	Date
1.	Dr. Kedar Lal Meena Associate Professor	2-Days	Triveni Dham, Jaipur	25-26 March 2014
2.	Dr. Baldev Kumar Dhiman Associate Professor	1-Day	Kartarpura, Kacchi Basti, Jaipur	October 2013
3.	Dr. Asit Kumar Panja Assistant Professor	3-Days 1-Day	Luni, Jodhpur Triveni Dham, Jaipur	13-15 September 2013 25 March 2014
4.	Dr. Govind Pareek Lecturer	6-Days	Barmer	2-7 January 2014

Awards received by the Teachers of the Department:

1. Dr. Asit Kumar Panja, Assistant Professor received 'Pandit Kanayalala Shastri Memorial Award 2014' for his contribution in the field of Ayurveda. This was given on 30-3-2014 by Janhita Mahcha, Jaipur.
2. Dr. Govind Pareek, Assistant Professor received 'Chikitsa Seva Samman 2013' for his contribution in the field of Ayurveda. This was by Vishva Ayurveda Parishad, Madhya Pradesh.

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	<ol style="list-style-type: none"> 1. Conducted inspection of Ayurveda College, Pilani on 5-8-2013 as Expert-Member of the Rajasthan Ayurved University, Jodhpur. 2. Participated in Meetings of Academic Council of Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University, Jodhpur held on 5-9-2013 and 20-2-2014. 3. Conducted Examinations, as External Examiner, at Chaudhary Bhamprakash Ayurveda College, New Delhi and Ayurveda College, Khurja (UP) on 9-10 October, 2013 and 4-5 December 2013, respectively. 4. Worked as Coordinator for ROTP and CME Programs in the Institute.
2.	Dr. Asit Kumar Panja Assistant Professor	<ol style="list-style-type: none"> 1. Participated in Arogya Mela organised on 8-11 February 2014 at Kolkata. 2. Worked as Assistant Coordinator for ROTP and CME Programs in the Institute.
3.	Dr. Govind Pareek Assistant Professor	<ol style="list-style-type: none"> 1. Promoted on the Post of Assistant Professor. 2. Ph.D. Degree Awarded. 3. Diploma in HIV (AIDS) and Family Education obtained. 4. Worked as Hostel Warden of PG Hostel.

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, 2 Lecturers with other supporting technical and non-technical staff were working in the Department.

ACHIEVEMENTS

Academic:

A) Under-Graduate Level: During the year, theoretical as well as practical teaching, training and guidance on Treatment in Rasayana-Vajikarana and Manasaroga 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:

S.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Sanjay Kumar	Dr. S N Sharma Assoc. Professor Dr. Gopesh Mangal Lecturer	To assess the Chikitsa Siddhanta " <i>Nadau Bastividhi Kuryada yadavdaurdhrve na shudhyati</i> " in context of Gridhrasi w.s.r. Sciatica.
2.	Dr. Manoj Kumar Jat	Prof. A K Sharma Director Dr. S N Sharma Assoc. Professor	A Clinical Study to evaluate the Efficacy of Shodhana Karma (Vamana & Virechana) and Udayaditya Rasa, Swaymbhuv Guggulu and Lauco-D Oil (Kalpit Tail) in the Management of Shivitra w.s.r. Vitiligo.
3.	Dr. Nisha Singh	Prof. A K Sharma Director Dr. S N Sharma Assoc. Professor	Evaluate the Efficacy of Shashtika-Shali Pinda-Sweda and Abhyanga in Management of Pakshaghata along with Virechana w.s.r. to Hemiplegia.
4.	Dr. Mridul Ranjan	Prof. A K Sharma Director Dr. S N Sharma Assoc. Professor	A Comparative Study of the Role of Nasya Karma and Shirodhara in the Management of Ardhavabhedaka w.s.r. to Migraine.
5.	Dr. Hema Khitoliya Dayma	Prof. A K Sharma Director Dr. Gopesh Mangal	A Clinical Study to Evaluate the Efficacy of Shodhana and Takradhara in the Management of Mandala Kushtha w.s.r. to

		Lecturer	Psoriasis.
6.	Dr. Inoka Kumarasinghe	Prof. A K Sharma Director Dr. Gopesh Mangal Lecturer	A Comparative Study of Nasya Karma and Greeva Basti in the Management of Manyastambha w.s.r. to Cervical Spondylosis.
7.	Dr. Jayant Sarmah	Prof. A K Sharma Director Dr. Gopesh Mangal Lecturer	A Clinical Study to Evaluate the Efficacy of Vaman and Nasya Karma in the Management of Peenas w.s.r. to Sinusitis.

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. Sangita Sharma	Dr. Santoshkumar Bhatted, Associate Professor	A comparative clinical study on the effect of Vamana karma with Dhamargava and Vatsak beeja. followed by Lekhaneeya Ghana vati in the management of medo roga w.s.r. to Dyslipidemia
2.	Dr. Mukesh Kumawat	Dr. S.N. Sharma Assoc. Professor Dr. Gopesh Mangal Lecturer Dr. Sarvesh Kumar Singh Lecturer	A clinical study of evaluate the efficacy of Shodhanakarma (Basti) and Shamana karma (Vanari gutika) in the management of Klaibya w.s.r. to Erectile dysfunction.
3.	Dr. Manoj Vishwakarma	Dr. Santoshkumar Bhatted Assoc. Professor	A comparative clinical study of Vrushmuladi Taila Snehapana and Matra Basti with Asthi Srinkhaladi Ghana vati in the management of Asthi majja kshaya(Osteoporosis).
4.	Dr.Ujwala Samadhan. Hivale.	Dr. Santoshkumar Bhatted Assoc. Professor	A comparative clinical study on the effect of Triphaladi Virechan and Triphaladi kala Basti with Arjun –Punarnawadi ghanvati in the management of essential hypertension.
5.	Dr. Satyaprakash	Dr. S.N. Sharma Assoc. Professor Dr. Gopesh Mangal Lecturer Dr. Sarvesh Kumar Singh Lecturer	A comparative clinical study on the effect of Vamana, Virechana and Parisheka with Siddhark snanokt dravya in the management of Mandal Kustha w.s.r. to Psoriasis.
6.	Dr. Umesh Nagar	Dr. Santoshkumar Bhatted Assoc. 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.
7.	Dr. Avnish Shukla	Dr. Omprakash Sharma Associate Professor Dr. Santoshkumar 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.
8.	Dr. Dilip Vyas	Dr. Gopesh Mangal Lecturer 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
9.	Dr. Sajjan Kalwania	Dr. Santoshkumar Bhatted Assoc. Professor	A Comparative Clinical Study on the Effect of Virechana Karma, Ketaki-Rasonadi Taila-Brimhana Sneh and Amritadi Ghanvati in the Management of Asthikashya w.s.r. to Post Menopausal osteoporosis”

10.	Dr. Preeti Swami	Dr. S.N. Sharma Assoc. Professor Dr. Gopesh Mangal Lecturer 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.
11.	Dr. Kamini	Dr. Omprakash Sharma Associate Professor Dr. Santoshkumar Bhatted Assoc. 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).
12.	Dr. Kanika Wadhawa	Dr. S.N. Sharma Assoc. Professor Dr. Gopesh Mangal Lecturer 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.

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. Rajan Nelson Munzni	Dr. Santoshkumar Bhatted Assoc. Professor	A Comparative Study of Vamana Karma, Virechana Karma and Udvartana in the Management of Sthaulya w.s.r. to Obesity.
2.	Dr. Trivendra Sharma	Dr. Santoshkumar Bhatted Assoc. Professor	To Evaluate the Efficacy of Bhrista Sarsap Kalka Lepa and Virechan Karma along with Vyadhiharan Rasa in the Management of Vicharchika w.s.r. to Eczema.
3.	Dr. Pooja B. A.	Dr. Santoshkumar Bhatted Assoc. Professor	A Standard Controlled Clinical Study on Virechana Karma and Lekhana Basti in the Management of Dyslipidemia (Medoroga).
4.	Dr. Rajeev Kumar Pandey	Dr. Santoshkumar Bhatted Assoc. Professor	A comparative Clinical Study on the Effect of Virechana Karma and Pancha Tikta Pancha Prashritika Basti Karma in the Management of Prameha w.s.r. to Type-II Diabetes.

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 M.D. & Ph.D. Scholars.

During the year under report, 93,733 different Therapies like *Snehana*, *Abhyanga*, *Nadi Swedana*, *Sarvang Swedana*, *Patra Pind Swedana*, *Shastikshali Pinda Sweda*, *Shirodhara*, *Shiro Basti*, *Kati Basti*, *Vamana Karma*, *Virechana Karma*, *Niruha Basti*, *Anuvasana 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 was 29,468 out of which 1,628 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:

1.	Dr. Santoshkumar Bhatted, Associate Professor "Role of Janu Basti, Rasna Saptaka Kvatha and Ashvagandhadhi Churna in Janusandhigata Vata with special reference to Osteo-arthritis of Knee Joint - A Clinical Study" Aryavadyan Vol. XXVI, No. 3 April 2013.
2.	"Role of Svedana and Erandamuladi Basti in the Management of Ankylosing Spondylitis (Kati-Prishtha-Trika Graha" Ayurpharma, International Journal of Ayurveda and Allied Sciences, Vol. 2 No. 7.
3.	"Role of Virechana Karma (Purgation therapy) in the Management of Lichen Planus" International Ayurvedic Medical Journal, 2013.
4.	"Effect of Erandamuladi Basti along with other Ayurvedic formulation in Gridhrasi (Sciatica) - A Case Report", Annals of Ayurvedic Medicine, Vol. 2, Issue-3, July- Sept. 2013.
5.	"Role of Valuka Sveda and Vaitarana Basti in the Management of Amavata (Rheumatoid Arthritis)", International Journal of Research in Ayurveda and Pharmacy, Vol. 4, Issue 5, Sept- Oct. 2013.
6.	"Clinical Study to Evaluate the Effect of Virechana Karma on Serum Electrolytes", AYU, Vol. 34, Issue 4, Oct-Dec. 2013.
7.	"Role of Atorvastatin in Dyslipidaemia - A Clinical Study", Asian Journal of Clinical Cardiology, Vol. 16 No. 8 December 2013.
8.	"Adverse Effects of Sarshapa Kalka in Pancha Tiktaka Pancha Prasritika Basti - A Case Report".
9.	"An Observational Study on Vamana Karma done with Madanaphala Pippali Choorna Yoga and Madanaphala Pippali Sheeta Kashaya Yoga", Journal of Research and Education in Indian Medicine, 2013.
10.	"Management of Post Herpetic Neuralgia - A Case Study", The Antiseptic, March 2014.
11.	Dr. Sarvesh Kumar Singh, Lecturer, Dr. Rajoria K and Prasad M., "Ayurvedic Concept of Allergy in Reference to Diet and Regimen", Journal of AYUSH, 2013;2(2) : 1-10.
12.	Dr. Santoshkumar Bhatted, Associate Professor, Dr. Gopesh Mangal, , Lecturers and Dr. S. Sharma, "Understanding and Development of Certain Parameters for Assessment of Vishad", Journal of Ayurveda, 2013;7(1):71-77.
13.	Dr. Sarvesh Kumar Singh, Lecturer, Dr. N. Chauhan, Dr. S.N. Sharma, Dr. A.K. Sharma, "Evaluation of Tikatadi Ksheer Basti and Osteocompound in the Management of Asthikshaya w.s.r. to Osteoporosis, Journal of Ayurveda and Integrative Medicine, 2013;4 (Suppl1).

(B) Participation and Paper Presentation in Workshops, Seminars and CME Programs:

1.	Dr. Santoshkumar Bhatted, Associate Professor participated in Re-orientation Training Program for Ayurveda Teachers and presented two Papers titled (i) Standardization and Mode of Action of Virechana Oushadhi and Its Assessment (ii) Process of Virechana Karma, Vyapat and Its Management and Assessment of Mridu, Madhyama, Tikshna Virechana organised at Tirupati in April 2013.
2.	Dr. Santoshkumar Bhatted, Associate Professor participated in Continuous Medical Education Program for Ayurveda Medical Officers and presented a Paper titled Tamak Shvasa and Its Management at organised at Jaipur in Aug. 2013.
3.	Dr. Santoshkumar Bhatted, Associate Professor participated in National Conference on Panchakarma and presented a Paper titled Stage-wise Management of Rheumatoid Arthritis organised at Hyderabad in Sept. 2013.
4.	Dr. Santoshkumar Bhatted, Associate Professor participated in Continuous Medical Education Program for Ayurveda Medical Officers and presented two Papers titled (i) Panchakarma Chikitsa in Pandu Kamala and (ii) Panchakarma Chikitsa in Kushtha (Tvaka Roga) organised at Jaipur in Sept. 2013.
5.	Dr. Santoshkumar Bhatted, Associate Professor participated in National Conference on Recent Advancements in Panchakarma and presented a Paper titled Methodic Administration of Panchakarma in Certain Bone and Joint Diseases organised at Haridwar in Oct. 2013.

6.	Dr. Santoshkumar Bhatted, Associate Professor participated in Continuous Medical Education Program for Ayurveda Medical Officers and presented a Paper titled Ayurvedic Understanding of Certain Life Style Disorders organised at Jaipur in October, 2013.
7.	Dr. Santoshkumar Bhatted, Associate Professor participated in Continuous Medical Education Program for Ayurveda Medical Officers and presented two Papers titled (i) Virechana Karma and its Practical Application and (ii) Vamana Karma and its Practical Application organised at Bhopal in October 2013.
8.	Dr. Santoshkumar Bhatted, Associate Professor participated in Continuous Medical Education Program for Ayurveda Medical Officers and presented two Papers titled (i) Understanding of Unmada, Apasmara and Attatvabhinivesh and (ii) Panchakarma Chikitsa in Manasa Roga organised at Jaipur in December 2013.
9.	Dr. Santoshkumar Bhatted, Associate Professor participated in International National Conference on Traditional and Alternative Medicine and presented a Paper titled Understanding and Management of Male Infertility through Ayurveda organised at Hyderabad in December 2013. 2 Papers titled (i) Understanding of Hypertension according to Ayurveda and (ii) Effect of Virechana Karma in the Management of Psoriasis were Co-authored also presented in the Conference.
10.	Dr. Santoshkumar Bhatted, Associate Professor participated in Continuous Medical Education Program for Ayurveda Medical Officers and presented five Papers titled (i) Madhumeha and Its Principles of Management; (ii) Panchakarma Chikitsa in Madhumeha; (iii) Understanding and Management of Dyslipidemia in Ayurveda; (iv) Understanding and Management of Hypertension in Ayurveda and (v) Understanding and Management of Cancer in Ayurveda.
11.	Dr. Santoshkumar Bhatted, Associate Professor, Co-authored 2 Papers titled (i) Effect of certain Panchakarma treatment in Gradasi with special reference to degenerative disc disease- a case study and (ii) A clinical study on effect of Vamana Karma in Ekakushtha (psoriasis) and presented in Global Ayurveda Festival organised at Cochi in February 2014.
12.	Dr. Sarvesh Kumar Singh, Lecturer participated in National Conference on Recent Advancements in Ayurveda organised on 18-20 October 2013 at Haridwar.

Miscellaneous Activities:

(i) Teachers of the Department and PG and Ph.D. Scholars participated in Arogya Mela-2014 jointly organised by Department of AYUSH and Government of Rajasthan organised at Jaipur in March, 2014 and one Exhibition was organised in which various panchakarma therapies were displayed. Free consultation was provided to the patients.

(ii) 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.

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). 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 Paaricharya 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.

During the year under report, 1 Professor, 1 Associate Professor and 2 Lecturers 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. Shikha Sharma	Prof. Chandan Mal Jain Professor Dr. Sushila Sharma Assoc. Professor Dr. Hetal Dave, Lecturer	Comparative Study of Sutika Dashmool Kwatha & Dashmool Kwatha in well being of Sutika.
2.	Dr. Meenakshi Pal	Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Lecturer	Clinical Evaluation of the Effect of Anuvasana Vasti, Pichu and Sukhprasavkar yog in Advanced Pregnancy on the Process of Labour.
3.	Dr. Suresh Kumar Solanki	Dr. B. Pushpalatha Lecturer	Clinical Study to Evaluate effect of Brahmi Ghrit Uttar Basti in Vandhyatva w.s.r. to Female Infertility"
4.	Dr. Manju Chauksey	Dr. Hetal Dave Lecturer	A Clinical Study to Evaluate Efficacy of Palash Kshara and Dhatakyadi Taila Pichu in the Management of Cervical Erosion (Karnini Yoni Vyapada).

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. Khushbu Jain	Prof. Chandan Mal Jain Professor	Clinical Study of Kalyanaka Ghrita 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 khathuriya	Dr. B. Pushpalatha Lecturer	A Comparative and Clinical Study of “Rajah-pravirtini-vati” and “Treivrit-sneha” Anuwasana Basti on Kashtartava w.s.r to Primary Dysmenorrhoea.
5.	Dr.Vaibhav Khirodkar	Prof. Chandan Mal Jain Professor Dr. B. Pushpalatha Lecturer	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 Dave Lecturer	Role of “Drakshadi churna” and “Madhukadi Anuwasana Basti” in Management of Asrigdara.
7.	Dr. Snehal Kamble	Dr. Hetal Dave Lecturer	A Comparative Clinical Study of “Shatapushpa Churna” and “Tilshelukarvi kwath” in the Management of Artavkshaya.

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. Neha Chansauriya	Prof. Chandan Mal Jain Professor Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Lecturer	A Comparative Clinical Study of “Apamarg Kshara” and “Kushthadi churna” along with “Hayamaradi Taila Pichu” in the Management of Karnini Yonivyapada w.s.r to Cervical Erosion.
2.	Dr.Meenakshi Nagar	Prof. Chandan Mal Jain Professor Dr. Sushila Sharma Assoc. Professor Dr. Hetal Dave Lecturer	A Clinical and Comparative Study of Efficacy of “Karanja Churna and “Karanj Tail Yoni Pichu” in the Management of Shwetapradara w.s.r Leucorrhoea.
3.	Dr.Upasana Sharma	Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Lecturer Dr. Hetal Dave Lecturer	Randomosed Control Clinical Trial on Effect of Vijyadi Vati on Kashtartava w.s.r. to Primary Dysmenorrhoea.
4.	Dr. Shital Chinchalkar	Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Lecturer	A Clinical Study to Evaluate the Effect of “Phala Ghrita” Uttarbasti in Vandhyatva w.s.r to Female Infertility.
5.	Dr. Sandeep Kaur	Dr. Sushila Sharma Assoc. Professor Dr. B. Pushpalatha Lecturer	The Comparative Clinical Study of “Tilmuladi Kwath” and “Rajah-Pravartini Vati” on Artava Kshaya.
6.	Dr. Priyanka Kashyap	Dr. B. Pushpalatha Lecturer Dr. Hetal Dave Lecturer	Clinical Evaluation of Efficacy of “Matra Vasti” and Yoni Pichu in Sukhprasava.
7.	Dr. Sonu Verma	Dr. Hetal Dave Lecturer Dr. B. Pushpalatha Lecturer	A Comparative Clinical Study of “Krishnadi Churna” and “Twagadi Sheerpaka” along with “Panchavalakala Taila Pichu in Paripluta Yonivyapada w.s.r to Pelvic inflammatory disease.

During the period under report, the following research work of Ph.D. Scholar was completed:

Sl. No.	Scholar	Co-Supervisor	Topic
1.	Dr. Nikki Bulani	Dr. Sushila Sharma Associate Professor	"Na Hi Vatadrute Yoni Narinam Sampradushyati" To evaluate the Anshansh Kalpana of Vata in various Yonivyapada and Upashayatmaka Study with different Vatashamaka Yoga.

During the period under report, the following 2 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 Satavari Mandur and Saptamrit Lauha in Garbhini 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.

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 Bhrans, 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*, *Bandhyatva*, *Garbhasaya Bhransha*, *Garbhasaya Arbuda*, *Grabhasaya Shoth*, *Bijgranthijanya Cyst* (Ovarian Cysts), *Shronishotha* (Pelvic related disorders) and *Rajahkricchta* were treated. Various welfare activities were also conducted for women. Following 039 Ayurvedic Karmas were performed:

Sl.No.	Disease/Name of Karma Performed	Anuvasan Basti	Pichu	LA/YonigattBasti	Potali	Uttarbasti	Yoni Prakshalan	Ksharakarma/LA
1.	Sagarbha	155	162		-	-	-	-
2.	Garbhashaya Mukhghat Vrana	-	31	9	-	-	-	-
3.	Phalini	-	15		35	-		-
4.	Vandhyatwa	-	286		-	260	-	-
5.	Garbhashaya Bhransh	-	89		64	-	-	-
6.	Shwetapradar	-	214		-	-	66	-
7.	Karnini Yonivyapad	-	284		-	-	-	76
8.	Acharana	-	95		13	-	-	-
9.	Mutrakrich	-	-		-	29	-	-
10.	Shronishotha	-	65		-	-	28	-
11.	Sutika/Stholya		16					
12.	Stanvidradhi/Parkartika			8				
13.	Asrigdar		39					
Total :		155	1296	17	112	289	94	76

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

Sl.No.	Procedure	Number of Karma(Total:141)
1.	Normal Deliveries	85
2.	LSCS	29
3.	Hystrectomy	07
4.	EB	04
5.	Certical Encirclage	01
6.	Perineorrhaphy	01
7.	Reposition of Uterus	01
8.	Polypectomy	01
9.	tubectomy	01
7.	Cu-T Insertion/ Removal	11

Publication:

(A) Articles Published in Journals/Magazines:

1.	Dr. Hetal H. Dave, Lecturer, "Ritucharya - An Ayurvedic Concept of Healthy Lifestyle", Punarnava Journal A New Outlook Towards Health, Vol.I, Issue I, ISSN 2348 1846, Nov. Dec. 2013.
2.	Prof. C.M. Jain, Professor, Dr.Sushila Sharma, Assoc. Professor, Dr. B.Pushpalatha and Dr.Hetal H. Dave, Lecturers, "Developement and Validation of Assessment Tool for Vatic Yoni Vyapad w.s.r. to Rukshadi Gunas of Vata Dosha" Journal of Ayurveda, Volume - VII-1, Page No. 17, March 2014.
3.	Dr. B.Pushpalatha, Lecturer, "Evaluation of Indigenous Drugs in the Management of PCOD in Teenage Girls", International Journal of Ayurveda & Pharma Research, March, 2014.
4.	Dr. B.Pushpalatha, Lecturer, "Case Study of Fallopian Tubal Block", Deerghayu International Journal for Ayurveda & Health Science, March, 2014.
5.	Dr. B.Pushpalatha, Lecturer, "Efficacy of Ayurvedic Formulations in the Management of Post Menopausal Syndrome", Aryavaidyan, March, 2014.
6.	Dr. B.Pushpalatha, Lecturer, "A New Outlook Towards Healthy Lifestyle by Ayurveda", Vishva Ayurveda Parishad Patrika, March, 2014.

(B) Participation in Workshops/Seminars

1.	Dr. Sushila Sharma, Associate Professor participated as Resource Person and presented a paper in Inernational Seminar organized by Sanskrit Academy, Delhi on 23-25 Aug 2013 at Delhi.
2.	Dr. Sushila Sharma, Associate Professor participated in International Conference on Environment and Humanities ECO REVOLUTION -2013 organised by Pokhra Engineering College held on 29 th September – 1 st October 2013 at Pokhara, Nepal and presented a Research Paper titled Comparative efficacy of shatavri mandur and Iron folic acid tablets in the management of Garbhini Pandu.
3.	Dr. B. Pushpalatha, Lecturer participated in National Conference on Panchakarma organized by Dr. Vadaih Institute of Medical Sciences and Ayu plus Hospital, Hyderabad held on 16-17 September 2013 and presented a Research Paper on "Clinical Study to Evaluate Effect of Sheetakalyanaka Ghrita Uttar Basti in Vandhyatva w.s.r. to Female Infertility.
4.	Dr. Sushila Sharma, Associate Professor participated in Global Ayurveda Festival held on 20-24 February, 2014 at Kocchi (Kerala) and presented a Paper titled Comparative Efficacy of Shatavari Mandur and Iron Folic Acid Tablet in the Management of Garbhini Pandu.
5.	Dr. B. Pushpalatha, Lecturer participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and made a presentation on topic - Clinical study to Evaluate Efficacy of Ashokarishta, Ashwagandha Churna and Praval Pishti in the Management of Menopausal Syndrome.
6.	Dr. Sushila Sharma, Associate Professor participated in National Workshop for Development of Ayurveda for Rationalization and Standardization of Health Promotion organized by Institute for Post Graduate Research in Ayurveda, Gujrat Ayurved University, Jamnagar, Gujarat on 21-23 March 2014.
7.	Dr. Varsha Singh, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and presented a Paper titled - Clinical Evaluation of the Effect of Anuvassana Basti(Matru Basti) and Pichu in Pregnancy on the Phenomenon of Labour - supervised by Prof. C.M. Jain, Dr. Sushila Sharma and Dr. Hetal H. Dave.
8.	Dr. Vaibhav khirodkar, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and presented a Paper titled - "Clinical Evaluation & Efficacy of Kushtadi Churna with Udumbaradi Tail Yoni Pichu in the Management of Karnini Yonivyapad w.s.r to Cervical Erosion" - supervised by Prof. C.M. Jain, Dr. Sushila Sharma and Dr. B.pushpalatha.

9.	Dr. Shikha Sharma, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and presented a Paper titled - A Clinical Study on the Role of Menosol Compound in the Management of Menopausal Syndrome - supervised by Prof. C.M. Jain, Dr. Sushila Sharma and Dr. Hetal H. Dave.
10.	Dr. Priyanka Sharma, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and presented a Paper titled - Comparative Study between Punarnavadi Guggulu & Panchvalkaladi Kwath Uttar Basti with Panchvalkaladi Kalka Tail Pichu in the Management of Paripluta Yonivyapad - supervised by Dr. Suhila Sharma.
11.	Dr. Snehal Kamble, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kochi (Kerala) and presented a Paper titled - Role of kalpita Asrigdarhar yoga & Rajaswalacharya in the management of Asrigdara - supervised by Dr. Hetal H. Dave.

(C) Participation in CME Program

1.	Dr. Suhila Sharma, Associate Professor, participated as Chief Medical Trainer in a CME Program for Trainig of Trainers organized on 15-9-2013 by Govt. of Rajasthan at Rajasthan Sahkari Shikshan and Prabandh Sansthan, Jalana, Jaipur.
2.	Dr. Suhila Sharma, Associate Professor, participated in a CME Program for Medical Officers organized on 26-9-2013 by Govt. of Rajasthan at Rajasthan Sahkari Shikshan and Prabandh Sansthan, Jalana, Jaipur and delievered 4 Lectures on Anaemia During Pregnancy, Anaemia in Adolescence Girl, Jaundice in Pregnancy and Jaundice in Perperium.
3.	Dr. Hetal H. Dave, Lecturer, participated in a CME Program for Medical Officers organized on 26-9-2013 by Govt. of Rajasthan at Rajasthan Sahkari Shikshan and Prabandh Sansthan, Jalana, Jaipur and delievered one Lecture on ANC Normal and High Risk Cases.
4.	Prof. C.M. Jain, Professor, participated in a CME Program for Medical Officers organized on 3-10-2013 by Govt. of Rajasthan at Rajasthan Sahkari Shikshan and Prabandh Sansthan, Jalana, Jaipur and delievered two Lecture on Vaginal discharge and its Management and DUB and its Management.
5.	Dr. Sushila Sharma, Associate Professor, participated as resource person in a CME Program for Medical Officers organized on 4-10-2013 by Govt. of Rajasthan at Rajasthan Sahkari Shikshan and Prabandh Sansthan, Jalana, Jaipur and delievered 4 Lectures on Veneral diseases (Yoniroga)STIs .
6.	Dr. B. Pushpalatha, Lecturer, participated in a CME Program for Medical Officers organized on 1-10-2013 by Govt. of Rajasthan at Rajasthan Sahkari Shikshan and Prabandh Sansthan, Jalana, Jaipur and delievered one Lecture on ANC Normal and High Risk Cases.
7.	Dr. B. Pushpalatha, Lecturer, participated in a CME Program for Medical Officers organized on 4-10-2013 by Govt. of Rajasthan at Rajasthan Sahkari Shikshan and Prabandh Sansthan, Jalana, Jaipur and delievered one Lecture on Puerperal disorders.
8.	Dr. Sushila Sharma, Associate Professor, participated in CME Program on Vibhageeya Ayurved Chikitsa Adhikariyoka Ka Twak Rog Par Prashikshan organized on 20-1-2014 at Jaipur and delievered 4 Lectures on Sub-Janananago ka Kriyatmaka and Rachanatmaka Gyana.

(D) Scholars Participated in Seminars/Workshops

1.	Dr. Varsha Singh, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and presented a Paper titled - Clinical Evaluation of the Effect of Anuvasana Basti(Matrat Basti) and Pichu in Pregnancy on the Phenomenon of Labour - supervised by Prof. C.M. Jain, Dr. Sushila Sharma and Dr. Hetal H. Dave.
2.	Dr. Vaibhav khirodkar, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and presented a Paper titled - "Clinical Evaluation & Efficacy of Kushtadi Churna with Udumbaradi Tail Yoni Pichu in the Management of Karnini Yonivyapad w.s.r to Cervical Erosion" - supervised by Prof. C.M. Jain, Dr. Sushila Sharma and Dr. B.pushpalatha.
3.	Dr. Shikha Sharma, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and presented a Paper titled - A Clinical Study on the Role of Menosol Compound in the Management of Menopausal Syndrome - supervised by Prof. C.M. Jain, Dr. Sushila Sharma and Dr. Hetal H. Dave.
4.	Dr. Priyanka Sharma, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and presented a Paper titled - Comparative Study between Punarnavadi Guggulu & Panchvalkaladi Kwath Uttar Basti with Panchvalkaladi Kalka Tail Pichu in the Management of Paripluta Yonivyapad - supervised by Dr. Suhila Sharma.
5.	Dr. Snehal Kamble, MS(Ayurved) Scholar participated in Global Ayurveda Festival held on 21-23 February, 2014 at Kocchi (Kerala) and presented a Paper titled - Role of kalpita Asrigdarhar yoga & Rajaswalacharya in the management of Asrigdara - supervised by Dr. Hetal H. Dave.

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.	Physiology of Menstruation	1-4-2013
2.	Dysmenorrhea	8-4-2013
3.	Abdominal Pain during Pregnancy	22-4-2013
4.	Post Term Pregnancy	6-5-2013
5.	Intrauterine Death	13-5-2013
6.	Preterm Labour	20-5-2013
7.	Genital Prolapse	27-5-2013
8.	Hormones - its Use and its Deficiency Diseases	3-6-2013
9.	Induction and Augmentation of Labour	12-6-2013
10.	Obstructed and Prolonged Labour	29-6-2013
11.	Aetiopathogenesis of ectopic pregnancy and management	1-7-2013
12.	Medication during pregnancy	24-7-2013
13.	Abnormalities during antenatal and postnatal time	5-8-2013
14.	Instrumental delivery	18-9-2013
15.	Phenomenon of labour	21-9-2013
16.	Trichomoniasis (abnormal vaginal discharge)	23-9-2013
17.	Pelvic organ prolapsed	15-10-2013
18.	IUGR	21-10-2013
19.	Anemia in pregnancy	28-10-2013
20.	Multiple pregnancy	18-11-2013
21.	Normal puerperium	2-12-2013
22.	Menorrhagia	16-12-2013
23.	Intrauterine death	23-12-2013
24.	Amniotic fluid embolism	24-12-2013
25.	Endometriosis	30-12-2013
26.	Uterine fibroid	13-1-2014
27.	Amenorrhoea	20-1-2014
28.	Preterm labour	24-2-2014
29.	Pelvic inflammatory disease	3-3-2014
30.	Miscarriage	26-3-2014
31.	Dysmenorrhoea	29-3-2014
32.	Leucorrhoea	31-3-2014

Extension Lectures: The Department organized 6 Extension Lectures by Dr. Suman Jain, MS Gynaecology and Obstetrics, Jaipur on the topics Congenital Malformation, Operative Procedures in Gynae, Operative Procedures in Obstetrics, Infertility, PIH and Anemia in pregnancy on 2-4-2013, 21-5-2013, 23-7-2013, 10-9-2013, 5-11-2013 and 21-1-2014, respectively for the benefit of students, scholars and teachers.

Miscellaneous Activities: Dr. B. Pushpalatha, Lecturer attended 3 Mobile Medical Camps organised at Sri Madhopur, Sikar and Jaipur(Trivenidham) organised on 29-9-2013, 23-3-2014 and 27-3-2014, respectively. Dr. Hetal H. Dave, Lecturer attended 1 Mobile Medical Camp organised at Jaipur(Trivenidham) on 26-3-2014. 3 Scholars also participated in these camps.

Honour: Dr.Sushila Sharma, Associate Professor honoured by the Dhanvantari Seva Samiti on 1-11-2013 for her significant services in the field of Ayurveda.

DEPARTMENT OF ROGA NIDANA AND VIKRITI VIGYANA

Introduction: This is 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, 1 Professor, 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.
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-Graduates 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 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. 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 disease process with the help of modern laboratory technique, to detect 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 part of their training:

- Routine and Microscopic Examination of Urine and Stool
- Hematology
- Clinical Pathology
- Serology
- Biochemistry
- ECG & TMT
- X-ray & U.S.G.

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

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Amita	Dr. Pawan Kumar Godatwar Associate Professor	Nidanatmaka Study of Prakriti as a Risk Factor in Purvarupavastha of Madhumeha (Pre-Diabetes) and Randomized Controlled Upshyatmaka Trial on Certain Ayurvedic Drugs.
2.	Dr. Chetna Agrawal	Dr. Surendra Kr. Sharma Associate Professor	Nidantmaka Study of Vicharchika (Eczema) and Randomized Controlled Upshayatmaka Trial of Ayurvedic Drugs.
3.	Dr. Nadira Khatoon	Dr. B.K. Sevatkar Assistant Professor	Junk Food Habit as a Risk Factor in Grahni Dosha : An epidemiological Study and Randomised Controlled Trial on Certain Ayurvedic Drugs.
4.	Dr. Swapnali Dass	Dr. Shishir Kumar Mandal Assistant Professor	The Study of Vatik Prameha Upadrava w.s.r. to Diabetic Neuropathy and Therapeutic Study by Shilajeet.
5.	Dr. Shweta Chaudhary	Dr. Pawankumar Godatwar Associate Professor	Standardization of Rakta Sara w.s.r. to its Skandan Property and Randomized Cnотrolled Trial of Anti-Coagulant effect of Dhamasa (Fagoniaarabica) and Guduchi (Tinospora Cordifolia).

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. Shilpa Gupta	Dr. Balkrishna Sevatkar 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 shoohara (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 in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr.Anita	Dr.BK Sevetkar Assistant Professor	Role of Dhatu kshaya in the pathogenesis of kshayaja kasa vis a vis chronic bronchitis and comperative trial of some indigenous drugs.(Continue).
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)"
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	Prof. S.K. Khandel Professor	Clinical evaluation of the pathogenesis of shvitra.
7.	Dr.Sharda	Prof. S.K. Khandel 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 one research works of Ph.D.(Ayurveda) Scholar was completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1	Dr.Amit Nampalliwar	Dr. Pawan Kumar Godatwar Associate Professor	Systematic Review of Desha as a nidana of Madhumeha and Randomized Control trail of Mamajjaka.

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. Nam Paliwar Amit	Dr. Pawan Kumar Godatwar Associate Professor	<i>Systematic Review of Deśa as a Nidāna of Madhumeha (Diabetes Mellitus) and Randomized Controlled Trial on the efficacy of Māmajjaka (Enicostemma littorale)</i>

5 Scholars are undergoing their Ph.D. work in the supervision of Dr. Pawan Kumar Godatwat, Associate Professor and 8 Scholars are pursuing Ph.D. under supervision of Dr. Srikrishna Khandel, Professor.

Extra Mural Research Projects:

Following 3 Extra Mural Research Projects have been undertaken by the Department. The details of which are given below:

Sl. No.	Project Title	Associated Organization	Principal Investigator	Co-Investigator	Research Associates
1.	Phytochemical and Structure Elucidation of Active Constituents & Pharmacological Studies of Seeds of Achyranthes Aspera L	In association with Lachoo Memorial College of Science and Technology, Pharmacy Wing, Jodhpur.	Prof. BP Nagori	Dr. Pawan Kumar Godatwar	1. Laxmi Maroria 2. Dr. SudhirTuri
2.	Phytochemical Studies Including Estimation Of Active Constituents And Pharmacological Studies Plant Of Anethum Sowa Roxb.	In association with Lachoo Memorial College of Science and Technology, Pharmacy wing, Jodhpur	Dr. Navneet Agarwal	Dr. Pawan Kumar Godatwar	1. Dr. Rajeev Bhimwal 2. Dr. Neelam Gupta
3.	A Phase III Randomised, Single-blind, Placebo-controlled, Parallel Group, Efficacy Study of Ay 01Hy and Ay 02 GY (5 g) Administered Orally, Twice Daily Over 12 weeks in People detected as Pre-Diabetics	In association with Hindustan Unilever Limited, Bengaluru	Dr. Pawan Kumar Godatwar	-	-

Clinical:

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

The following 1,74,340 Tests were conducted during the year:

1. Hematology	79678
2. Routine & Microscopic examination of Urine	49009
3. Biochemistry	32226
4. Serology	6881
5. X-Ray	2488

6. Sonography	2319
7. E.C.G.	1018
8. Stool	307
9. Sputum	230
10. Spirometry	150
11. Semen	25
12. CTMT	9

Weekly Seminars

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

Publication:

(A) Books

1.	Dr. Pawan Kumar Godatwar, Associate Professor, "Research Methodology and Statistics" (Under Publication), Choukhamba Publication, Varanasi.
2.	Dr. Pawan Kumar Godatwar, Associate Professor, "Vaajikarana Tantra: Ayurvedic Sexuality Medicine" (Under Publication) Choukhamba Publication, Varanasi.
3.	Dr. Pawan Kumar Godatwar, Associate Professor, "Acquired Immunity Deficiency Syndrome (AIDS) : Ayurvedic Perspective" (Under Publication) Choukhamba Publication, Varanasi.
4.	Dr. Pawan Kumar Godatwar, Associate Professor, "Roga and Vikriti Vijñāna Vol-I" (Under Publication), Choukhamba Publication, Varanasi,
5.	Dr. Pawan Kumar Godatwar, Associate Professor, "Roga and Vikriti Vijñāna Vol-II" (Under Publication), Choukhamba Publication, Varanasi,
6.	Dr. Pawan Kumar Godatwar, Associate Professor, "Roga and Vikriti Vijñāna Vol-III" (Under Publication), Choukhamba Publication, Varanasi.

(B) Chapters

1.	Dr. Pawan Kumar Godatwar, Associate Professor, "Purvarupamindriyam" with Critical Commentary in Charaka Samhita, New Edition.
2.	Dr. Pawan Kumar Godatwar, Associate Professor, "Yasyashyavanimittamindriyam" with Critical Commentary in Charaka Samhita, – New edition.
3.	Dr. Sisir Kumar Mandal, Assistant Professor, "Kustha Chikitsa" with Critical Commentary in Charaka Samhita, New Edition.
4.	Dr. Sisir Kumar Mandal, Assistant Professor, "Kustha Nidana" with Critical Commentary in Charaka Samhita, New Edition.
5.	Dr. Sisir Kumar Mandal, Assistant Professor, "Annapanavidhi" with Critical Commentary in Charaka Samhita, New Edition.

(C) Articles Published in Journals/Magazines:

1.	Dr. Pawan Kumar Godatwar, Associate Professor, "Report of the Organizing Secretary - National Workshop on Development and Validation of Assessment Criteria of Rukshadi Gunas of Vata Dosha", Journal of Ayurveda Vol.VI I No.1 Jan-Mar 2013, Pg. 4-12, NIA, Jaipur.
2.	Dr. Pawan Kumar Godatwar, Associate Professor, "Hypoglycemic Activity of Enicostemma Littorale(Mamajjaka) Leaf Extract in Streptozotocin-Induced Wistar Strain Albino Diabetic Rats", Journal of Ayurveda Research- Ayushya, Vol 2 – Issue II, April 2013, Bareilly.
3.	Dr. Pawan Kumar Godatwar, Associate Professor, "Writing Abstracts and Citing References : The Art and Heart of Scientific Writing" Souvenir, National Workshop on Scientific Writing - 21 Jul 2013, IPGTRA, Jamnagar.
4.	Dr. Sisir Kumar Mandal, Assistant Professor, "Therapeutic Evaluation of Yashtimadhu Ghana Vati and Tagara Ghana Vati along with Psychotherapy in the Management of Mental Adjustment Disorder of Young Adults(9-14)" Journal of Ayurveda and Holistic Medicine (JAHM), Vol.1, No. 2(2013), Pg-9-14.
5.	Dr. Sisir Kumar Mandal, Assistant Professor, "First Sight Knowledge and Clinical Use of Amalaki" International Ayurvedic Medical Journal, ISSN:2320 5091Volume 1; Issue 3; May – June 2013
6.	Dr. Sisir Kumar Mandal, Assistant Professor, "An Aetiopathological Study of Yuva Pidaka w.s.r. to Rakta and Shukra Dushti and Therapeutic Trial of Respective Shodhak Drugs", ISSN:2320 5091IAMJ: Volume 1; Issue 3; May – June 2013

7.	Dr. Sisir Kumar Mandal, Assistant Professor, "Assessment of Dhatu-Sarata-Pariksha w.s.r to Quality of Vata", Journal of Ayurveda, Jaipur Vol-VII-1, ISSN No-2321-0435, Jan-Mar 2013, (Pg. 130-137).
8.	Dr. Reetu Sharma, Lecturer "Assessment of Vata by Mutra Pariksha" Journal of Ayurveda, Jan-March 2013, Volume VII-1.

(D) Participation and Paper Presentation in Workshops/Seminars

1.	Dr. Pawan Kumar Godatwar, Associate Professor, participated in National Conference on Radiation and Cancer on 26-27 April 2013 organized at CRI, Worli, Mumbai.
2.	Dr. Pawan Kumar Godatwar, Associate Professor, participated in Editor's Conclave organised at IPGTRA, Jamnagar, 22 July 2013.
3.	Dr. Pawan Kumar Godatwar, Associate Professor, participated in National Seminar on Role of Ayurveda in Management of Geriatric Disorders organized on 2-3 October 2013 at Shree Ayurved College, Nagpur.
4.	Dr. Pawan Kumar Godatwar, Associate Professor, participated in 166 th OMICS Group Conference - International Conference and Exhibition on Traditional & Alternative Medicine, organized on 9-11 December 2013 at Hyderabad and presented a Paper on "Role of Satvavajaya Cikitsa (Ayurvedic Rational Emotive Behavioural Therapy) in Mental Adjustment Disorders in Young Adults".
5.	Dr. Pawan Kumar Godatwar, Associate Professor, participated in National Ayurveda Summit, organized on 25 February 2014 at Gandhinagar, Gujarat.
6.	Dr. Pawan Kumar Godatwar, Associate Professor, participated in Charaka Samhita : New Edition Meet organized on 1-2 March, 2014 at Banaras Hindu University, Varanasi.
7.	Dr. Pawan Kumar Godatwar, Associate Professor, participated in National Training Workshop on Research Methodology for Academician and Researchers of North Eastern States, organized by CCRAS on 7-8 March 2014 at Guwahati, Assam.
8.	Dr. Reetu Sharma, Lecturer participated in 9 day Workshop on Discovering Statistics organized by DST-CIMS, BHU from 27 May-4 June, 2013.
9.	Dr. Reetu Sharma, Lecturer participated in CME-DFSICON Program on 6 September 2013 organized by Diabetic Foot Society of India at Jaipur.

(E) Participation and Guest Lectures in various Programs

1.	Dr. Pawan Kumar Godatwar, Associate Professor, "Abstract and Referencing", PM Mehta Memorial National Workshop on Scientific Writing at IPGTRA, Jamnagar, 21 July 2013.
2.	Dr. Pawan Kumar Godatwar, Associate Professor, "Classification of Diseases w.s.r. to ICD -10 and 11 and DSM 4 and 5", Re-Orientation Training Program, Pt. KLS Ayurveda College, Bhopal, 26 Jul 2013.
3.	Dr. Pawan Kumar Godatwar, Associate Professor, "Hypertension", Re-Orientation Training Program, Pt. KLS Ayurveda College, Bhopal, 26 Jul 2013.
4.	Dr. Pawan Kumar Godatwar, Associate Professor, participated as Resource Person in Rajasthan State Medical Officers Training Program organised by Rajasthan Institute of Co-Operative Education and Management, Jaipur and delivered 7 Guest Lectures.
5.	Dr. Pawan Kumar Godatwar, Associate Professor, "Quality Health for Ageing Population through Ayurveda", National Ayurveda Summit, Gandhinagar, Gujarat, 25 Feb 2014.
6.	Dr. Pawan Kumar Godatwar, Associate Professor, "Abstracts and Referencing", CCRAS "National Training Workshop on Research Methodology for Academician and Researchers of North Eastern States", Guwahati, Assam 7 Mar 2014.
7.	Dr. Bal Krishna Sevatkar, Assistant Professor, participated in CME Programme for Teachers organised from 22 nd to 27 th July 2013 by Pt. Khushilal Sharma Ayurveda College, Bhopal.
8.	Dr. Sisir Kumar Mandal, Assistant Professor, participated in Continuing Medical Education Programme and delivered a Guest Lecture on Diagnostic Approach of Various SKIN Diseases (Vipadika, Dadru, Vicharchika, Ekakustha etc.) on 23rd January 2013.
9.	Dr. Sisir Kumar Mandal, Assistant Professor, participated in Continuing Medical Education Programme and delivered a Guest Lecture on Mandala Kustha Vis a Vis Psoriasis on 23rd January 2013.
10.	Dr. Sisir Kumar Mandal, Assistant Professor, participated as Resource Person delivered guest lecture on 'Med. laboratory investigation and Ayurveda in the Training of Trainers Programme conducted by Govt. of Rajasthan, Department of Ayurved, Rajasthan on 24th August 2013 at Rajasthan Institute of Co-Operative Education and Management, Jaipur.
11.	Dr. Sisir Kumar Mandal, Assistant Professor, participated in a Meeting on Caraka Samhita New Edition Project and presented the sumup portion of the Chapter 27 of Caraka Samhita (Annapanavidhi) at IMS, BHU, Varanasi held on 1-2 March 2014.

12.	Dr. Reetu Sharma, Lecturer participated in Rajasthan State Medical Officers Training Program organised by Rajasthan Institute of Co-Operative Education and Management, Jaipur on 23/10/2013 to 31/10/2013 and delivered guest lecture on "Diagnostics method for Gynaecological Disorders" on 3/10/2013.
13.	Dr. Reetu Sharma, Lecturer participated in Rajasthan State Medical Officers Training Program organised by Rajasthan Institute of Co-Operative Education and Management, Jaipur on 23/10/2013 to 31/10/2013 and delivered guest lecture on "Common Diagnostic Technique".

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

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Pawan Kumar Godatwar Associate Professor	<ol style="list-style-type: none"> 1. Acted as Editor of Peer Reviewed Journal - Journal of Ayurveda - of the Institute. 2. Acted as In-Charge of Central Laboratory of the Institute. 3. Acted as Member of Organizing Committee, "12th Annual Conference of Diabetic Foot Society of India", 6-8 September 2013, Jaipur. 4. Visited, as Member of CCIM Visitation Team, various Ayurveda Colleges at Behrampur (Odisha) on 3-4 June 2013, Puri (Odisha) on 5-6 June 2013, Mozhari on 7-8 June 2013 and BHU, Varanasi on 12-13 February 2014. 5. Participated, as Expert Member of Roga Nidana and Vikriti Vijnana for Syllabus Meeting of CCIM held on 24 October 2013 at New Delhi. 6. Conducted PG Final Exam at Paprola on 26 October 2013. 7. Conducted Ph.D. Viva-Voce at Jamnagar on 22 November 2013. 8. Participated, as Expert Member of Roga Nidana and Vikriti Vijnana, in a Meeting of Departmental Promotion Committee held on 29 November 2013 at IPGTRA, Jamnagar. 9. Participated as Expert of Ayurveda in Draft Committee Meeting of CCIM for Bridge Course Syllabus organised on 5-6 December 2013 at New Delhi. 10. Acted as Member, Faculty, SRRAU Jodhpur; Participated in Faculty meeting, 20 Feb 2014, SRRAU, Jodhpur 11. Co-Chair, Associate Events in 6th World Ayurveda Congress, New Delhi (participated in meeting convened by Smt. Shailaja Chandra, Chair, Organizing Committee), 1 Feb 2014, New Delhi
2.	Dr. Bal Krishna Sevatkar Assistant Professor	<ol style="list-style-type: none"> 1. Appointed as Paper Setter and External Examiner for MD (Ay) 1st Year at State Ayurvedic College, Paprola HP. 2. Appointed as Paper Setter for various Universities i.e. Vikram University, Devi Ahilya University, Barkatullah University etc. 3. Appointed as Nodal Officer for Post Metric Scholarship of NIA, Jaipur. 4. Conducted Viva Voce Examination for BAMS-II Professional Student of Rog and Vikriti Vigyan Subject at State Ayurvedic College, Rewa, MP.
3.	Dr. Sisir Kumar Mandal Assistant Professor	<ol style="list-style-type: none"> 1. Acted as In-charge of NIA Stall in Arogya Mela organised at Kolkata on 8-11 February 2014. 2. External Examiner for BAMS-II Professional of Rog Nidan Practical, appointed by West Bengal University of Health Sciences, Exam conducted on 5th March 2014.

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 so as to get Practical and Research training.

During the year under report, 1 Professor, 2 Associate Professors, 2 Assistant Professor, 1 Lecturer 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, Churan, 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. Around 97% students got first class.

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, Churan, Kalka, Swarasa, Hima, Kashaya, Asava, Aristha, Avaleha, Arka, Lauha, Mandoor, Bhasma, Kuppipakvakalpana, Guggulu, Lavana, Kshar, Sneha Kalpana, Kanji*, etc. has been conducted in the Departmental Laboratory. 100% students passed out. The topics of the student were given some leads for standardization and as well as clinical safety and efficacy.

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:

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. Sachin Agarwal	Dr. K. Shankar Rao Professor Dr. Rajendra Pd. Sharma Assitt. Professor	Standardization of Pharmaceutical Methods of Roupayaraja Rasa.
2.	Dr. Ramesh Kumar	Dr. K Shankar Rao Professor Dr. Sanjay Kumar Asstt. Professor	Scientific Validation of Ancient Bhasma Pareeksha w.s.r. to Certain Ayurvedic Formulations.
3.	Dr. Anjali B Prasad	Dr. K Shankar Rao Professor Dr. Mohar Pal Meena Lecturer	A Coparative Pharmaceutical Analytical Study of Louha Rasayan prepared by the Ayaskriti and Modified Method w.s.r. to Disintegration of Iron.

4.	Dr. Navkumar Hazarika	Dr. Nageshwar Rao Assoc. Professor Dr. Rajendra Pd. Sharma Lecturer	A Study of Free Radical Scavenging Activity of Brahma Rasayan and its effect on Geriatric Care.
5.	Dr. Hemant Sonewane	Dr. V Nageshwar Rao Assoc. Professor Dr. Mohar Pal Meena Lecturer	Standardization of Avartita Ksheera Bala Taila.
6.	Dr. Md. Aslam	Dr. V Nageshwar Rao Assoc. Professor Dr. Mohar Pal Meena Lecturer	Pharmaceutical Analytical and Anti-Microbial Study of Vyadhi Vidhwansana Rasa.
7.	Dr. Prakash Jondhale	Dr. P Suresh Assoc. Professor Dr. Rajendra Pd. Sharma Lecturer	Pharmaceutical Analytical and Antimicrobial Study of Gojihwadi Kwatha.
8.	Dr. Anita Mali	Dr. P Suresh Assoc. Professor Dr. Sanjay Kumar Asstt. Professor	Hepatoprotective Activity of Yakrit Shula Vinashini Vatika against CCL ₄ Induced Hepatotoxicity.
9.	Dr. Ramakant Vyas	Dr. P. Suresh Assoc. Professor Dr. Sanjay Kumar Asstt. Professor	Ramachandrayatikrita Vaidya Vinod Ka Rasa Shastreeya Evam Bhaishajya Kalpanatmaka Adhyayan.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Vidula Patil	Dr. K. Shankar Rao Professor Dr. Venkateshwarlu	Synthesis Characterization and Histopathological Study of a Zinc-Based Indian Traditional Drug : Yashada Bhasma.
2.	Dr. Poonam Kumari	Dr. K Shankar Rao Professor Dr. Moharpal Meena Lecturer	Pharmaceutico- Analytical Study of Abhraka Bhasma Prepared by various Shodhana Procedures.
3.	Dr. Jayant Kumar Khataniar	Dr. K Shankar Rao Professor	Pharmaceutical Analytical and Antimicrobial Study of Pakwatisara har Arka Ghanvati and Kwatha.
4.	Dr. Giriraj Sahu	Dr. V Nageshwar Rao Associate Profesoor Dr. Moharpal Meena Lecturer	Pharmaceutical, Analytical and Clinical Study of Gokshuradi Modak w.s.r to Shukra Kshaya.
5.	Dr. Malvika Mathur	Dr. V Nageshwar Rao Associate Professor Dr. Rajendra Prasad Sharma Asstt. Professor	Pharmaceutical Standardization and Evaluation of Therapeutic Efficacy of Haridrakhanda (Prepared using fresh and Dry Haridra) in Sheetapitta.
6.	Dr. Vijay Kumar	Dr. P. Suresh Assoc. Professor	Pharmaceutical and Analytical Study of some Bhallatak Formulations and Their Clinical Evaluation w.s.r. to Anti-neoplastic Potential
7.	Dr. Sakhitha K. S	Dr P Suresh Assoc. Professor	Pharmaceutical, Analytical and Experimental Studies of Mehakulantaka Rasa on Streptozotocin induced Diabetes in Rats.
8.	Dr. Dattatray Pandurang Dighe	Dr. Sanjay Kumar Asstt. Professor	Pharmaceutical Standardisation and Clinical Evaluation of Manjishtadi Taila on Tvak

			Vaivarnya.
9.	Dr. Pramod Kr. Patel	Prof. K Shankar Rao Professor Dr. Moharpal Meena Lecturer	A Comparative Study on Vanga Bhasma w.s.r. to Various Shodhana Process.
10.	Dr. Puja Sansare	Prof. K Shankar Rao Professor	Pharmaceutico-Analytical Study of Brahmarasaya w.s.r. to Classical & Modified Methods.
11.	Dr. Varsha Mundra	Prof. K Shankar Rao Professor	Pharmaceutico-Analytical Study of Agastya Haritaki Rasayana prepared by Various methods.
12.	Dr. Dolly Suman	Dr. V Nageshwar Rao Associate Professor	Pharmaceutico-Analytical & Anti Microbial Study of Gandhaka Pushpa (A Folklore Ayurvedic Medicine).
13.	Dr. Basant Kr. Sharma	Dr. V Nageshwar Rao Associate Professor Dr. Moharpal Meena Lecturer	Pharmaceutico-Analytical & Anti Microbial Study of Vetala Rasa.
14.	Dr. Kavita Jain	Dr. Rajendra Prasad Sharma Asstt. Professor	Pharmaceutico-Analytical Study of Chitraka Haritaki prepared by different methods
15.	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, the following research works of MD(Ayurveda) Scholars were in progress and continued.

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Perna 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 Dr Rajesh Sharma	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 Ekakustha w.s.r. to Psoriasis
8.	Dr. Mukesh Chaudhary	Dr. R.P.Sharma Asstt. Professor Dr. Moharpal Meena Lecturer	Pharmaceutico Analytical and Antimicrobial Study of Rasonadi Vati.
9.	Dr. Sangeeta Pareek	Dr. Moharpal Meena Lecturer	Pharmaceutico Analytical and Clinical Study of Kushmand Khand w.s.r. to Amlapitta.

During the year under Report, the following Ph.D. Scholars completed their tenure of research :

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Amita Jhunjunwala	Prof. L. K. Dwivedi Retd. Professor	Pharmaceutico-Clinical Evaluation of Panchtikta Guggulu Ghrita w.s.r. to Uterine Leiomyomas.
2.	Dr. Sandeep Kushwaha	Prof. L. K. Dwivedi Retd. Professor	Pharmaceutical and Analytical Study of Pindasav with its Standardization.
3.	Dr. Manish Aggrawal	Dr. P. Suresh Assoc. Professor	Pharmaceutical Analytical and Shelf Life of Varnya Lepa.

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. Pranti Ambulkar	Dr. K Shankar Rao Professor	Standardization of Pottali Kalpana w.s.r. to Hemagarbha Pottali
2.	Dr. Santosh B.	Dr. V Nageshwar Rao Assoc. Professor	A Comparative Evaluation of Cardioprotective Activity of Hridyarnava Rasa and Tamra Bhasma against Isoproterenol Induced Myocardial Infarction in Hyperlipidaemic Rats.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Rohitashwa Yadav	Dr. K Shankar Rao Professor	Pharmaceutico-analytical Study on Dhatri Arista w.s.r. to its various preparations.
2.	Dr. Raghuveer	Dr. V Nageshwar Rao Assoc. Professor	Standardization of Sheetamshu Rasa w.s.r. to its Antimicrobial Activity.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr Debashish Panigrahi	Prof. L.K.Dwivedi Retd. Professor Dr. P Suresh Assoc. Professor	Mrita louha (Bhasma nano-pharmaceutics) Pariksha/vidhi (SOP) w.s.r.to varitaratwa.
2.	Dr Vishnu Prasad Gautam	Prof. K. Shankar Rao Professor	Mahachandrakala ras va chandrakala ras ka mankikaran evam madhumeha par prabhavatmak adhyana
3.	Dr Sumer Singh	Prof. L.K.Dwivedi Retd. Professor	Abhraka satvapatan

During the year under Report, one Teacher of the Department has continued the following Research Work under Ph.D. Program:

Sl.No.	Teacher	Supervisor/ Co-Supervisor	Topic
1.	Dr. Sanjay Kumar Asstt. Professor	Dr. V Nageshwar Rao Assoc. Professor	Pharmaceutic-Chemical study of different types of sweetening agents used in fermentation wsr to Draksharista.

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. K. Shankar Rao, "Textbook Hiraka Bhasma (A Diamond Preparation) in Carcinoma", Published by Lambert Academic Publishing, Germany, ISBN: 978-3-659-19889-2.
2.	Prof. K. Shankar Rao, "Wound Healing Studies on Medicated Oils", Published by Lambert Academic Publishing, Germany, ISBN:978-3-659-46989-3.
3.	Prof. K. Shankar Rao, "Toxicity Study of Vangeshwar Rasa and Swarnavanga" Published by Lambert Academic Publishing, Germany, ISBN: 978-3-659-52745-6.
4.	Dr. Rajendra Prasad Sharma and Dr. MoharPal Meena authored a book titled "Ayurvediya Rasashastra".

(B) Articles Published in Journals/Magazines:

1.	Prof. K. Shankar Rao, Professor, "Clinical Evaluation of Gandhaka Druti & Gandhaka taila in Scabies", Unique Journal of Ayurveda & Herbal Medicine,
2.	Prof. K. Shankar Rao, Professor, "Role of Arkavati In the Management of Agnimandya", Journal of Ayurveda, Vol. VI-I, ISSN
3.	Prof. K. Shankar Rao, Professor, "A Historical review of Hiraka Bhasma", J V Ay. Parishad , ISSN 0976-8300
4.	Prof. K. Shankar Rao, Professor, "Comparative Clinical Evaluation of Gandhaka Druti And Gandhaka Taila In Scabies", Rasamruta 5:34, ISSN 0967-0075
5.	Prof. K. Shankar Rao, Professor, "Anti Bacterial Effect of Navasagara Satva – An Invitro Evaluation", Journal of Ayurveda, ISSN2321-0435 , VolVII-2 March, 2013.
6.	Dr.Nageshwara Rao, Associate Professor, "Experimental Appraisal of Protective Activity of Varunadi Loha" IAMJ, July-August 2013.
7.	Dr.Nageshwara Rao, Associate Professor, "Hepato-Protective Activity of Tamra Bhasma Prepared by Two Different Methods", UJAHM Sept-Oct 2013.
8.	Dr.Nageshwara Rao, Associate Professor, "Experimental Evaluation of Immunomodulatory Effect of Yashad Bhasma" IAMJ, IAMJ, July-Aug 2013.
9.	Dr.Nageshwara Rao, Associate Professor, "Pharmaceutico-Analytical Study Navsagara Satva" Journal of Ayurveda, 2013.
10.	Dr. P. Suresh, Associate Professor, "Topical Application of Kalihari Gel and the Out Come of Labour by Improvising Cervical Ripening" IAMJ- ISSN: 23205091.
11.	Dr. Sanjay Kumar, Assistant Professor, "Pharmaceutico-Analytical Study of Tamra Bhasma", Journal of Ayurveda – Vol. VI-3 July-Sept. 2013.
12.	Dr. Sanjay Kumar, Assistant Professor, "Upashaya and Unupashaya an Assessment of Vata Dosha" Journal of AyurvedaVol. VII-I ISSN 2321-0435, Jan-Mar - 2013.
13.	Dr. MoharPal Meena, Lecturer, "Role of Arkavati in the Management of Agnimandya" Journal of Ayurveda, Vol VI-4.
14.	Dr. MoharPal Meena, Lecturer, "Comparative Clinical Study of Arka Vati I A and II in Patients of Agnimandya" IJAHM Vol.-I, Issue 7.

(C) Participation in Workshops/Seminars

1.	Prof. K. Shankar Rao, Professor, 12 th Annual Conference on Diabetic Foot, organised by Society of India at Jaipur.
2.	Dr.Nageshwara Rao, Associate Professor, 12 th Annual Conference on Diabetic Foot, organised by Society of India at Jaipur.
3.	Dr. Sanjay Kumar, Assistant Professor, National Seminar on Role of Ayush in NRHM held at Ranchi and presented a Research Paper.

(D) Participation in CME Program

1.	Dr. Sanjay Kumar, Assistant Professor, participated in a CME Programe organised by Government of Rajasthan at Jhalana Dungri, Jaipur and delivered a lecture.
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(E) Scholars Participated in Seminars/Workshops

1.	Dr.Giriraj Sahu, Dr.Vijay Kumar, Dr.Poonam Kumari, Dr.Vidula Patil, Dr.Dattatreya and Dr.K.S.Sakhitha, all MD(Ay.) 2 nd Year Scholars were participated in a Seminar organised on 16-17 March, 2013 at Chitrakoot.
2.	Dr.Poonam Kumari, MD(Ay.) 2 nd Year Scholar, Dr.Anjali B Prasad, Dr.Ramakant Vyas, Dr.Prakash Jodhale, Dr. Anita Mali and Dr. Sachin Agarwal, all MD(Ay.) Final Year Scholars were participated in a Seminar organised from 21-5-20013 to 28-5-2013 at Coimbatore.
3.	Dr. Sakhitha, Dr. Vidula Patil, Dr. Dattatreya and Dr. Giriraj Sahu, all MD(Ay.) 2 nd Year Scholars, were participated in a Seminar organised from 23-8-2013 to 31-8-2013 at Sangamner and Hassan.
4.	Dr. Dolly Suman and Dr. Basant Sharma, both MD(Ay.) 2 nd Year Scholars, were participated in a Seminar organised from 8-12-2013 to 13-12-2013 at Hyderabad.
5.	Dr. Dolly Suman, Dr. Puja Sansare, Dr. Varsha and Dr. Kavita Jain, all MD(Ay.) 2 nd Year Scholars, were participated in a Seminar organised from 18-2-2014 to 26-2-2014 at Cochin, Kerala.

Other Units Functioning under the Department:

1. Pharmacy :

There is a GMP Certified Pharmacy headed by Prof. K. Shankar Rao, Professor, the Head of the Department and Dr. V. Nageshwar Rao, Associate Professor looking after the functions of the Pharmacy as an In-Charge. He is assisted by an Assistant Professor. The Pharmacy is engaged in the preparation of Ayurvedic medicines by scriptural, traditional and scientific methods for catering OPD, IPD and Research purposes. During the year under report, total production of the medicines was 32750 Kg. costing Rs. 1,03,80,622.

2. Mobile Medical Camp Unit: Dr. P. Suresh, Associate Professor of the Department is working as In-Charge of Mobile Medical Camp Unit of the Institute. The Institute, through this Unit, is organizing Medical Camps to provide free medical facility through its Mobile Clinical Unit in SC and ST inhabited areas of various Districts of Rajasthan. Under this Scheme 33 Camps organized in various Villages and Settlements in the SC and ST inhabited Districts of Rajasthan like Udaipur, Banswara, Dungarpur, Sirohi, Jaisalmer, Ajmer, Sikar organized. The total patients benefited were 27,826 and Rs. 1 Crore provided under SCP-TSP during the year for these activities were fully utilized. Medical Camps were also organized under the various programs run by the Govt. of India like Bharat Nirman Abhiyan, public Information Mission, Arogya Mela and DST, Health Mission to spread the awareness among the public. By organizing three programs the Institute awarded by the organizers of such National programs.

3. Prof. K. Shankar Rao, Professor and Head of the Department is acting as Chief Vigilance Officer of the Institute. He looking after the vigilance activities of the Institute as per instructions of Central Vigilance Commission.

4. Prof. K. Shankar Rao, Professor and Head of the Department is working as Public Grievance Officer of the Institute. During the year under report, 13 Grievances were received from the Institute and Department of AYUSH and same were disposed off.

5. Prof. K. Shankar Rao, Professor and Head of the Department is worked as Centre Superintendent for Examination purposes. He was smoothly conducted annual examinations for Diploma, UG, PG and Ph.D. Courses on time as per instructions of the University.

6. Dr. P. Suresh, Associate Professor worked as In-Charge of IT Center and providing IT facilities to the faculty member, staff and students.

7. Head of the Department: Prof. K. Shankar Rao, Professor is worked as Head of the Department. During the year under report the Department progressed by having a Repository Museum, Drug Testing Laboratory and Improved Laboratory Facilities for the benefit of the students. Developmental Animal House is under progress.

8. 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	1. Participated as an Expert in the Interview of Reader held at Gandhi Vidya Mandir, Sardar Shahar. 2. Conducted CCIM Inspection, as Member of CCIM Team, of Government Ayurvedic College, Vijaywada, TTD Ay College, Tirupati and Ay College, Chitradurg during 6 to 19 February 2014. 3. Appointed and acted as Member of various Committees of the Institute.
2.	Dr. P Suresh Assoc. Professor	1. Worked as In-Charge of Departmental Drug Testing Lab. 2. Worked as In-Charge of Preparation of Medicines for P.G. Ph.D. Research aspects.
3.	Dr.Rajendra Prasad Sharma Asstt. Professor	1. Conducted Inspection of Nursing College at MJPVSA, Choumu(Jaipur). 2. Worked as In-Charge of Departmental Educational Tour for UG Studetns. 3. Worked as In-Charge of Departmental Laboratory.
4.	Dr. Sanjay Kumar Asstt. Professor	1. Worked as Assistant RMO of City Hospital. 2. Worked as In-Charge of Departmental Museum.
5.	Dr.Moharpal Meena Lecturer	1. Worked as In-Charge of Departmental Educational Tour for UG Students. 2. Worked as In-Charge of Departmental Library.

DEPARTMENT OF SARIR 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, 1 Professor, 2 Associate Professors, 3 Assistant Professors 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 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. Rakesh Narayanan	Dr. Harish Chandra Gupta Associate Professor Dr. Sunil Kumar Yadav Assistant Professor	Study on the Concept of Anthropometry in Ayurveda.
2.	Dr. Janin Jith	Dr. Harish Chandra Gupta Associate Professor Dr. Sunil Kumar Yadav Assistant Professor	Applied Anatomy of Gulpha Sandhi w.s.r. to Sports Injuries and its Management.
3.	Dr. Seema T S	Dr. J Manohar Assitant Professor Dr. Vikas Bhatnagar Asstt. Professor	A Critical Study on the Structural and Applied Aspects of Shringataka Marma.
4.	Dr. Premanand Bhalerao	Dr. J Manohar Assitant Professor Dr. Vikas Bhatnagar Asstt. Professor	Study of Anthropometric Length of Tibia w.s.r. to Osteoarthritis.
5.	Dr. Urmila Meena	Prof. M Dinakara Sarma Professor Dr. Sandeep Lahange Lecturer	Anatomical Study of Garbha with special reference to Garbhaj Vikritiya.
6.	Dr. Vimla Khatri	Prof. M Dinakara Sarma Professor Dr. Sandeep Lahange Lecturer	Study of Sira sarira with special reference to Avedhya siras of lower extremities.
7.	Dr. Anju Chaudhary	Prof. M Dinakara Sarma Professor Dr. Sandeep Lahange Lecturer	Asthi Sharir ka adhyayan Nalakasthi bhagna ke pariprekshya main.

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

Sl.No.	Scholar	Supervisor/Co-supervisor	Topic
1.	Dr. Vivek Kumar Singh	Dr. Harish Chandra Gupta Associate Professor Dr. Sunil Kumar Yadav Assistant Professor	A Comprehensive Study on <i>Medovaha Srotas</i> with special reference to <i>Medovruddhi</i> .
2.	Dr. Julia Rani	Dr. Sunil Kumar Assistant Professor Dr. Gopesh Mangal Lecturer	Anatomical Explanation on Method of ' <i>Abhyanga</i> ' with special reference to Muscle Attachments.
3.	Dr. Milind Pandurang Deshmukh	Dr. J. Manohar Assistant Professor Dr. Sunil Kumar Yadav Assistant Professor	Anatomical Exploration of Sites of <i>Siravedha</i> in the Lower Limb with special reference to <i>Vicharchika</i> .
4.	Dr. Dhananjay	Dr. Vikas Bhatnagar Asstt. Professor Dr. Sandeep Lahange Lecturer	A Comprehensive Study on Standardization of ' <i>Anguli Pramana</i> ' with special reference to <i>Pramana of Urdhva Shakha</i> (Upper Limb).
5.	Dr. Teena Jain	Prof. M. Dinakara Sarma Professor Dr. Sandeep Lahange Lecturer	Concept of <i>Garbha Sharir</i> (Embryology) as described in Ancient and Modern Literature.
6.	Dr. Lal Chand Patel	Prof. M. Dinakara Sarma Professor Dr. Sandeep Lahange Lecturer	Applied anatomy of <i>Annavaha Srotas</i> with special reference to <i>Annavaha Shool</i> .
7.	Dr. Puja Gupta	Dr. Harish Chandra Gupta Associate Professor Dr. Vikash Bhatnagar Asstt. Professor	Comparative Study of <i>Anguli Pramana</i> of <i>Urdhva Shakha</i> and <i>Adhah shakha</i> as described in <i>Brihatrayees</i> .
8.	Dr. Anil Kumar Joshi	Dr. Sunil Kumar Associate Professor	A Comprehensive Study of <i>Garbha Sharir</i> as described in <i>Brihatrayee</i>
9.	Dr. Isha Harswani	Dr. Sunil Kumar Associate Professor	An Analytical Study of references of <i>Sharir</i> in <i>Sushruta Samhita</i> in the purview of <i>Sharir Rachana</i> .
10.	Dr. Gaurav Soni	Dr. J. Manohar Assistant Professor Dr. Sandeep Lahange Lecturer	A Study of <i>Asthi Sharir</i> in context of various types of <i>Asthi</i> described in <i>Ayurvedic Samhithas</i> .
11.	Dr. Harish Kumar	Dr. Sunil Kumar Associate Professor Dr. Sandeep Lahange Lecturer	A Study of <i>Mutravaha Srotas</i> w.s.r. to <i>Mutrashmari</i> and Clinical Evaluation of <i>Swadanstradi Ghana Vati</i> .
12.	Dr. Nishi Jain	Dr. Vikash Bhatnagar Asstt. Professor Dr. Sandeep Lahange Lecturer	Anthropometric Study of <i>Adhah Shakha</i> w.s.r.to <i>Anguli Pramana</i> described in <i>Brihatrayee</i> .
13.	Dr. Neha Udainiya	Prof. M. Dinakara Sarma Professor Dr. Sunil Yadav Asstt. Professor	Anatomical Study of <i>Artavvaha Srotas</i> w.s.r.to <i>Nashtrava</i> and Clinical Evaluation of <i>Krishna til Kwath</i> .
14.	Dr. Deepak Shrimali	Dr. Harish Chandra Gupta Associate Professor Dr. Vikash Bhatnagar Asstt. Professor	Anatomical Exploration of the Sites of <i>Vedhya Sira</i> of the Upper Limb as described by <i>Acharya Sushruta</i> .
15.	Dr. Papri Nath	Dr. Harish Chandra Gupta Associate Professor Dr. Sunil Kumar Yadav Assistant Professor	A Comparative Study of <i>Nibandh Sangrah</i> & <i>Ayurveda Dipika</i> w.s.r. to <i>sharir rachna</i> .
16.	Dr. Santosh Mittal	Dr. Sunil Kumar Associate Professor	An Analytical Study of references of <i>Sharir</i> described in <i>Charak Samhita</i> in the purview of <i>Sharir Rachna</i> .

17.	Dr. Rajeev Agnihotri	Dr. Sunil Kumar Associate Professor	Study of Twak Sharir w.s.r. to effect of Shalmali Kantik on Yuvan Pidika.
18.	Dr. Vipin Tanwar	Dr. J. Manohar Assistant Professor Dr. Sandeep Lahange Lecturer	Anatomical Study of Shukravaha Srotas w.s.r. to Srotomoola.
19.	Dr. Deepa	Dr. Vikash Bhatnagar Asstt. Professor Dr. Sandeep Lahange Lecturer	Contribution of Ayurveda in Modern Anatomy.
20.	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.

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 Shaarir 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.

During the year under Report, one Research Work done by a Teacher of the Department:

Sl.No.	Teacher	Supervisor/ Co-Supervisor	Topic
1.	Dr. Sunil Kr. Yadav Asstt. Professor	Prof. M. Dinakara Sarma Professor	Applied Anatomy of Extremities their injuries due to sports and their Management

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:

1.	Dr. Vikash Bhatnagar, Asstt. Professor, "Diabetic Retinopathy : Ek Jatil Upadrava", AYUSHMAN : Sheeta Ritu - 2013, Page 20.
2.	Dr. Vikash Bhatnagar, Asstt. Professor, "Sukhayu Evam Dirgayu Prapti Ke Saral Upay", AYUSHMAN : Basant Ritu - 2014, Page 45.

(B) Participation in Workshops/Seminars

1.	Dr. Vikash Bhatnagar, Asstt. Professor, participated in National Workshop on Recent Advances in Embalming and Museum Development Techniques held on 27-28 September 2013 at Haasan Karnataka).
2.	Dr. Vikash Bhatnagar, Asstt. Professor, participated in 3 rd National Conference on Ayurveda - The Renaissance - held on 21-04-2013 at Bareilly (Uttar Pradesh) and presented a Research Paper titled Hypertension - Concepts Challenge and its Ayurvedic Management.
3.	Dr. Sunil Kumar Yadav, Asstt. Professor, participated in 3 rd Euro India International Conference on Holistic Medicine held on 6-8 September 2014 at IHMS, Kottayam(Kerala) and presented a Research Paper titled Sports Injuries of Extremities and Their Ayurvedic Management.
4.	Dr. Sunil Kumar Yadav, Asstt. Professor, participated in National Seminar on Ayurveda - Ujjaini Ayurveda Sambhasha - held on 28-29 March 2014 at Ujjain and presented a Research Paper titled Applied Anatomy of CNS.

5.	Dr. Sandeep M. Lahange, Lecturer, participated in International Conclave on Current Researches in Health Care, organized by JOA : AYUSHYA, on 15-09-2013 at Bareilly, (Uttar Pradesh)
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(C) Participation in CME Program

1.	Dr. Sandeep M. Lahange, Lecturer, participated in a CME Programme for Teachers of Rachana Sharir organized by College of Ayurveda and Research Centre, Nigadi, Pune from 01-07-2013 to 06-07-2013.
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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	<ol style="list-style-type: none"> 1. Visited UPSC, New Delhi as Subject Expert from 8-10-2013 to 11-10-2013 for some confidential work pertaining to examinations. 2. Attended a Meeting of Faculty of Ayurveda held on 20-2-2014 at the University Campus, Jodhpur. 3. Conducted UG and PG Final Year Exams at Govt. Ayurvedic College, Indore and State Ayurvedic College, Lucknow as an External Examiner. 4. Worked as In-Charge of Arogya Mela Unit of the Institute.
2.	Dr. Sunil Kumar Yadav Assistant Professor	<ol style="list-style-type: none"> 1. Delivered a Lecture on Clinical Testing of Cranial Nerves at Vishwa Ayurveda Parishada, Bhopal, on dated 19-05-2013. 2. Delivered a Lecture on Clinical Evaluation of Cranial Nerves at Vishwa Ayurveda Parishada, Jaipur, on dated 14-06-2013.

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), mana(psyche) and 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 and PG Students and Ph.D. Scholars. This Department has regular Ph.D. Program.

During the year under report, 1 Professor, 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 given 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:

Research: During the year under Report, the following 5 research works of MD(Ayurveda) Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Arvind Kumar	Prof. M S Meena Professor Dr. Mahendra Prasad Lecturer	Physiological Study of Shukra Dhatu and Clinical Evaluation of Gudakushmand in Shukralpata w.s.r. to Oligospermia.
2.	Dr. Pankaj Kothari	Dr. Hem Raj Meena Assistant Professor Dr. Mahendra Prasad Lecturer	Physiological Study of Medodhatu and Efficacy of Kalpit Triphaladi Gana Vati on Medodhatu Vriddhi.
3.	Dr. Laxmi Maharana	Dr. Mahendra Prasad Lecturer	Physiological Study of Prana and Udana Vayu w.s.r. to Kasa and to Evaluate the Efficacy of Karpuradhya Churna.
4.	Dr. Ritesh	Dr. Chaju Ram Yadav Asstt. Professor	Physiological Study of Majja Dhatu and Evaluate the Efficacy of Panchtikta Ghrita Guggulu in Majjakshya Janya Vikara.
5.	Dr. Niraj Kant Prasad	Dr. Om Prakash Dadhich Associate Professor	A Conceptual Study of Ojas, Bala and Vyadhikshamatva.

During the year under Report, following 15 research works of MD(Ayurveda) Scholars were in progress and continued:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Chanchala Chouhan	Dr. Om Prakash Dadhich Associate Professor	Development of Assessment Criteria for ruksha Guna of Vata w.s.r. to Pandu and Clinical Evaluation of Shigru.
2.	Dr. Niharika Sharma	Prof. M S Meena Professor Dr. Chaju Ram Yadav Asstt. Professor	Assessment of Guru Guna of Kapha Dosha w.s.r. to Efficacy of Tryushanaadi Loha in Sthaulya.
3.	Dr. Pradeep Kumar Singh	Dr. Hem Raj Meena Assistant Professor	Assessment of Ushna Guna of Pitta Dosa w.s.r. to Effect of Neeli Tailam and Bhringaraja Rasayana in Palitya.
4.	Dr. Harikrishan B	Dr. Chhaju Ram Yadav Assistant Professor	Assessment of Snigdha and Guru Guna of Kapha Dosa w.s.r. to efficacy of Shunthyaadi Ksheerapaka (Kalpita Yoga) in Amavata.
5.	Dr. Shyam Babu Singh	Dr. Mahendra Prasad Lecturer	Assessment of Ushna and Tikshna Guna of Pitta w.s.r. to Palitya and Effect of Prapaundrkadi Taila.
6.	Dr. Amit Kumar Gupta	Prof. M S Meena Professor Dr. Mahendra Prasad Lecturer	Assessment of Ushna Guna of Pitta w.s.r. to Efficacy of Khageshwar Ras and Shvitranashaka Lepa in Shvitra.
7.	Dr. Subhash Chandra	Dr. Om Prakash Dadhich Associate Professor	Development of Assessment Criteria for Ruksha Guna of Vata w.s.r. to Vibandha and Clinical Evaluation of Aragvadha.
8.	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.
9.	Dr. Shukntala Nagar	Prof. M S Meena 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.
10.	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 Sarata.
11.	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.
12.	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.
13.	Dr. Anil Kumar Sisodiya	Prof. M S Meena 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.
14.	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.
15.	Dr. Mridusmita Soot	Prof. M S Meena 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, the following 2 research works of Ph.D. Scholars were completed:

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Priya Rohara	Prof. M S Meena Professor	Physiological Study of Bhrajaka Pitta and Clinical Evaluation to assess the Efficacy of Shivtranashak Churna and Vayasyadi Gudika Lepa in a Dermatological Lesion - Shvitra.
2.	Dr. Prema Ranjani Waratenne	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. Amita Saini	Prof. M S Meena Professor	Physiological Study of Skin in relation to Doshaja Prakriti.
2.	Dr. Rashmi Prakash Gurav	Prof. M S Meena Professor	A Physiological Study of Bhrajaka Pitta with special reference to Yuvana Pidaka and the efficacy of Varnya Yoga.

During the year under Report, 2 Teachers of the Department has continued the following Research Work:

Sl.No.	Teacher	Supervisor/ Co-Supervisor	Topic
1.	Dr. Hem Raj Meena Assistant Professor	Prof. M S Meena Professor	A Physiological Study of Prakriti with special reference to Amlapitta.
2.	Dr. Chhaju Ram Yadav Assistant Professor	Prof. M S Meena Professor	Comparative Study of Shashilekha Vati and Udayaditya Rasa along with Bakuchi Taila in the condition of Bhrajaka Pitta Vikar - Shvitra (Vitiligo).

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. M S Meena, Professor and Dr. C R Yadav, Assistant Professor "Sharir Rachana Evam Kriya Vigyan", Published by Jagdish Sanskrit Pustakalaya, Jaipur, ISBN: 978-81-83452-74-3.
2.	Prof. M S Meena, Professor "Digdarshika Sharir Kriya Vigyan", Published by Sakshi Publishing House, Jaipur, ISBN: 978-81-92808-80-2.

(B) Articles Published in Journals/Magazines:

1.	Prof. M S Meena, Professor and Dr. Chhaju Ram Yadav, Assistant Professor, "Analysis of Concept of Aharapaka in Ayurveda", STM Journals - Journal of AYUSH, Vol.2, Issue-1, 2013.
2.	Prof. M S Meena, Professor and Dr. Chhaju Ram Yadav, Assistant Professor, "Efficacy of Shivitrari Yoga and Jyotishmati Tailam on Shvitra", STM Journals - Journal of AYUSH, Vol.2, Issue-1, 2013.
3.	Prof. M S Meena, Professor, "Amavata", Nirog Sanjivani, Year-10, Issue-109, April 2012.
4.	Prof. M S Meena, Professor, "Supportive Sprouts", DAV Ayurvedic for Holistic Health, Jalandhar, March-April 2013.
5.	Prof. M S Meena, Professor, "Conceptual Study on Stanyavaha Srotas and Stanavaha Srotas", Journal of Ayurveda, A Peer Reviewed Journal, April-June 2012, Vol. VI.

6.	Prof. M S Meena, Professor, "Efficacy of Shvitrari Yoga and Jyotishmati Taila on Shvitra", Journal of Ayurveda, Unani, Siddha and Homoeopathy, Vol.2, No.1, 2013.
7.	Dr.Om Prakash Dadhich, Associate Professor, "Management of Heart Diseases in Changing Life-Style", Swasthya, April-June 2013.
8.	Dr.Om Prakash Dadhich, Associate Professor, "The Role of Krishnabala in the Management of Aniyamat Rojah Pravritti (Irregular Menstruation) w.s.r. to Apanvayu Vikriti", Journal of Ayurveda, A Peer Reviewed Journal, October-December 2013.
9.	Dr.Om Prakash Dadhich, Associate Professor, "An Ayurvedic Management of Menorrhagia (Raktapradar)", The Anti-Septic, Vol. 110, No.1, 2013.
10.	Dr.Om Prakash Dadhich, Associate Professor, "Management of Pranavah Srotas Dushti Janya Vikar", Ayurvedic College, Vadodara, Gujarat.
11.	Dr. Chhaju Ram Yadav, Assistant Professor, "Rakta Dhatu and Blood - A Parallel Study" Punarnav - An International Peer Reviewed Ayurveda Journal, Vol.2, Issue-1, 2014.
12.	Dr. Chhaju Ram Yadav, Assistant Professor, "Development and Validation of the Objective Criterias of Rukshadi Guna of Vata Dosha" Journal of Ayurveda, Vol.7, January-March, 2013.
13.	Dr. Mahendra Prasad, Lecturer, "Spiritual Health and Ayurveda", Ayushya, Vol.2, Issue-II, April 2013.
14.	Dr. Mahendra Prasad, Lecturer, "Ayurvedic Concept of Allergy in Reference to Diet and Regimen", Journal of AYUSH, Vol.2, Issue-2, Spetember 2013, ISSN : 2278-2214.
15.	Dr. Mahendra Prasad, Lecturer, "Effect of Trayodashang Guggulu and Janu Basti in Janu Sandhigata Vata", Journal of AYUSH, Vol.2, Issue-2, December 2013, ISSN : 2278-2214.

(C) Participation in Workshops/Seminars

1.	Dr. Chhaju Ram Yadav, Assistant Professor participated as Chairperson in a Session of 3rd Indo-Euro Conference on Holistic Medicine organised on 6-8 September 2013 at Koyattam (Kerala).
2.	Dr. Chhaju Ram Yadav, Assistant Professor participated in Vaishwa Ayurveda Parishad, Jaipur held at Jaipur on 6-8 June 2013.
3.	Dr. Chhaju Ram Yadav, Assistant Professor participated in a program at Jaipur organised on 5-10 February 2014 and delivered a Guest Lecture on Ayurveda Mutra Roga Evam Madhumeha Chikitsa Samiti.

Shvitra Unit : There is a Shvitra (Vitiligo) Unit functioning under the Deartment to take care of patients suffering from Shvitra Roga. This Unit provides Consultation, Treatment and Management of Shvitra Roga patients. The In-charge of the Unit is Prof. Mahendra Singh Meena, Head of the Department of Sharir Kriya.

DEPARTMENT OF SHALYA TANTRA

Introduction: This is also a Post-graduate Department dealing with surgical aspects of the System. Alongwith teaching, training, research aspects and patient care activities, specialized treatment is provided for *Arsh* and *Bhagandar* diseases by *Kshar Sutra* therapy, treatment for *Dadru*, *Vicharchika*, *Gridhrasi*, *Sandhi vata* and *Kaddar* diseases by *Agni Karma* and *Shalya Karma* therapies. The Department also provides treatment for various types of diseases of blood by *Jalokavacharakarm* method. This Department also undertakes treatment for *Bhagna*, *Asmari* and *Vran* diseases. The Department provides regular guidance to Ph.D. Scholars.

During the year under report, 1 Professor, 2 Associate Professors, 2 Assistant Professor and 2 Lecturers 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 Shalya Tantra were provided to students of BAMS. Students are learnt 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 was provided to PG Scholars. Scholars are learnt the surgical procedures inside the Operation Theatre. Research works were conducted.

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

Research:

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Kuldeep Singh Bhati	Dr. M K Shringi Associate Professor Dr. Ashok Kumar Asstt. Professor	Role of Palasha Kshara Sutra and Nishadya Taila in the Management of Bhagandar (Fistula in ano).
2.	Dr. Pushpa Gond	Dr. M K Shringi Associate Professor Dr. Ashok Kumar Asstt. Professor	A Comparative Study of Guggul, Chitrak Ksharasutra and Snuhi Apamarg Ksharsutra in the Management of Bhagandhara (Fistula in ano).
3.	Dr. Naresh Ghodela	Dr. M K Shringi Associate Professor Dr. Ashok Kumar Asstt. Professor	Effect of Arshoghni Vati in the Management of Bleeding Piles - A Clinical Study.
4.	Dr. Alok Kumar Verma	Dr. J P Verma Associate Professor Dr. Narinder Singh Lecturer	Single Blind Placebo controlled Study on Peetvaratika Churna and Ealy Mobilization in the Management of Ashtibhagna w.s.r. to Colle's Fracture.
5.	Dr. Jithendra Bhattacharya	Dr. J P Verma Associate Professor Dr. B. Swapna Lecturer	A Clinical Study to evaluate the Efficacy of Ajmodadivati and Knee Traction in the Management of Janusandhigata Vata w.s.r. to Osteoarthritis of Knee Joint.
6.	Dr. Shikha Nayak	Dr. B B Pandey Assistant Professor Dr. B. Swapna	A Clinical Study to evaluate the efficacy of Kampillakadi Taila and Patolyadi Kwatha in the Management of Vrana.

		Lecturer	
7.	Dr. Vineet Kumar Jain	Dr. M K Shringi Associate Professor Dr. Ashok Kumar Asstt. Professor	Role of Swalpa Suran Modak and Samangadi Churna in the Management of Raktarsha (Bleeding Piles).
8.	Dr. Akhilesh Kumar Mishra	Dr. B B Pandey Assistant Professor Dr. Narinder Singh Lecturer Dr. Swaraj Meherwal	A Comparative Clinical Study to evaluate Anti-inflammatory effect of (comiphora wighti) and Boswellia Serrata Individually, along with Curcuma Longa against Diclofenac Pottassium (NSAIDS) on non-specific knee effusion.
9.	Dr. PGTP Kumar	Dr. J P Verma Associate Professor Dr. B. Swapna Lecturer	A Comparative Clinical Study to evaluate the efficacy of Ksheera Bala Taila Matra Basti and Local Application of Jatyadi Taila in the Management of Parikartika w.s.r. to Fissure in ano.
10.	Dr. Sabvi Pratap Singh Jadon	Dr. Narinder Singh Lecturer Dr. Rajesh Arora Anaesthetist	A Comparative Study on the Efficacy of Tagara (Valerianawallichii) Pure Root Herb extract as pre-medication with Diazepam on the Emergence Reactions of Ketamine Anaesthesia.

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. Premsukh	Dr. Ashok Kumar Asstt. Professor Dr. Narinder Singh Lecturer	Phytochemical Analysis and Antimicrobial Study of Formulations prepared by Arkadigana.
2.	Dr. Prashant Saini	Dr. B B Pandey Assistant Professor Dr. Ashok Kumar Asstt. Professor	A Comparative Clinical Study of Varunadi kwath and Trivikram Rasa on Mutrashmari w.s.r to Urolithiasis
3.	Dr. Amit Kumar	Dr. Narinder Singh Lecturer	A Comparative Study of Agnikarma and Therapeutic Ultrasound in the Management of Avabahuka w.s.r to Frozen Shoulder.
4.	Dr. Padmendra Panchori	Dr. M .K.Shringi Associate Professor Dr. B. Swapna Lecturer	A Comparative Clinical Study to evaluate the Efficacy of Aragwadhadi Pratisaraneeya Kshar & IRC in the Management of Abhyantara Arsha (i & (ii Haemorrhoids)
5.	Dr Aditya Kumar Shil	Dr. M K Shringi Associate Professor Dr. B. Swapna Lecturer	A Randomized Clinical Trial on Wound Packing to Evaluate the Efficacy of Jathyadi Tail following Incision and Drainage in Vidradhi w.s.r to Superficial Skin Abscess.
6.	Dr. Jiteksh Jain	Dr. J P Verma Associate Professor Dr. Narinder Singh Lecturer	An Experimental Study to assess the Efficacy of Asthisamharadi Choorna on Fracture Healing.
7.	Dr. Ashish Pareek	Dr. J P Verma Associate Professor Dr. Ashok Kumar Asstt. Professor	Role of Scrotherapy in Grade-I and Grade-II Haemorrhoids – A Comparative Study of Phenol and Apamarga Kshara
8.	Dr. Priyanka Patil	Prof. P. Hemant Kumar Professor	“A comparative clinical study on Patala pratisarniya kshara & Apamarga Pratisarniya kshara in the management of Abhyantar Arsha”

9.	Dr. Rjendra Paliwal	Dr. J P Verma Associate Professor Dr.B.Swapna Lecturer	"Acomparative clinical study of Kanchnar guggulu and Yoga Basti in the management of Vatastheela w.s.r. to B.P.H.
10.	Dr. Kalpna	Dr.B.Swapna Lecturer	"A comparative clinical study of Jalaukavacharana & Shodhana-Ropana lepa in Dusta Vrana"
11.	Dr. Shweta Sahu	Dr. B B Pandey Assistant Professor Dr. Narinder Singh Lecturer	"Epidemio clinical study of Kanchnar guggulu on Medaj arbuda w.s.r. to Lipoma"
12.	Dr. Alpona Ray	Dr. Narinder Singh Lecturer Dr. Ashok Kumar Asstt. Professor	"Comparative study of Plantar Iontophoresis (an innovative inclusion under Agnikarma) with Aquous solution of Guggulu resin and 0.4% Dexamethasone in the management of Pada kantaka w.s.r. to Planter Fasciitis"
13.	Dr. Bharat	Dr. Narinder Singh Lecturer Dr. Ashok Kumar Asstt. Professor	"Evaluation of Praanada Gutika & Paradadi malhara in the management of 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. Shikha Nayak	Prof. P. Hemantha Kumara Professor	Shodhana Effect of Karviradi Rasakriya in Dushta Vrana along with Antimicrobial Activity.
2.	Dr. B. Swapna	Prof. H K Kushwaha Retd. Professor of NIA	A Comparative Study of Pile Suture Method and Kshara Sutra Internal Haemorrhoids with and without Pranada Gutika.

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

Sl. No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr.Siddaram Arawatti	Dr. M K Shringi Associate Professor	Clinical Evaluation on the Effect of Nishadya Taila and Panchavalkal Kwath in the Management of Bhagandar Vrana (Fistulotomy Wound)
2.	Dr.Meenu Mina	Dr. M K Shringi Associate Professor	Clinical Evalutation of Physical Medicine in the Management of Janu Sandhigata Vata (Osteoarthritis) under the Influence of Rasonpinda.
3.	Dr.K Baslingappa	Dr. M K Shringi Associate Professor	A Comparative Clinical Study on the Efficacy of Dashamula Kwatha and Gokshura Kwatha in the Management of Mootraghata w.s.r. to bph (Benignprostate hyperplasia).
4.	Dr.Rajeshwari P.N	Dr. M K Shringi Associate Professor	A Comparative Clinical Study on the Efficacy of Agnikarma (using sneha) and Eranda Taila Yoga (paana and bast) in the Management of Gridhrasi.

Clinical: Clinical services were rendered to Indoor and Outdoor patients of the hospitals. During the reported period, various methods of treatment like Shalya karma, Agni Karma, Jalaukavacharana and Kshara Karma were performed. In Operation Theatre total 651 patients were treated after giving proper anesthesia. By Agnikarma Chikitsa 623 patients and by Jalaukavacharana 507 patients were treated. Total 7040 dressings were done in OPD.

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 Doctors	Place of Camps	Date
1.	Dr. Ashok Kumar Asstt. Professor	1. Arogya Mela, Jaipur.	1-3-2014 to 3-3-2014
2.	Dr. Narinder Singh Lecturer	1. Shri Madhopur, Sikar 2. Chandigarh 3. Shri Madhopur, Sikar	7-4-2013 10-13 May 2013 29-9-2013
3.	Dr. P. Hemantha Kumara Professor	1. Shri Madhopur, Sikar	29-9-2013
4.	Dr. B. Swapna Lecturer	1. Arogya Mela, Jaipur	1-3-2014 to 3-3-2014

The Department has the following 5 Units for educating the scholars and providing special treatment to patients:

(1) General Shalya Unit: This Unit is dealing with general surgical and para-surgical procedures and treatment to patients.

(2) Orthopedic Unit: The program of the Unit is to train and educate the scholars about the orthopedic problems and their treatments. This unit is well equipped with orthopedic instruments and provides patient care as described in ancient Ayurvedic texts.

(3) Jalovakacharan Unit: This Unit is providing best and effective treatment through Jalovkacharan Therapy to patients and educating the scholars.

(4) Agnikarma Unit: Unit is providing best treatment through Agnikarma to patients suffering from Katishool, Dadru-vicharchika etc.

(5) Anoractal Unit: This Unit is providing best and effective treatment with special Ksharsutra procedure to patients suffering from anoractal disease like fistula-in-ano, pile, fissure etc.

Publications:

(A) Book Publication :

1.	Dr. B. Swapna, Lecturer "Role of Pracchana and Jalaukavacharana as Anusastra in Vicharchika (Eczema)", LAP - Lambert Academic Publishing GmbH & Co. KG, Heinrich-Böcking-Str. 6-8, 66121, Saarbrücken, Germany, ISBN NO. 978-3-659-16256-5, September 2013.
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(B) Articles Published in Journals/Magazines:

1.	Prof. P. Hemantha Kumar, Professor, "A Comparative study of Kaseesadi Avachurnana and Jatyadi Ghrita application in the management of Dustavrana", International Journal of Research in Ayurveda and Pharmacy, Nov-Dec 2012, Vol.3:6: 852-858.
2.	Prof. P. Hemantha Kumar, Professor, "A Comparative study of Apamarga Pratisaraneeya Kshara and Palasha Pratisaraneeya Kshara in the management of Ardra Arshas, International Journal of Ayurvedic Medicine, Jan-March, 2013, Vol. 4(1), 56-58. (ISSN 0976-5921).
3.	Prof. P. Hemantha Kumar, Professor, "Effect of Madhu Kshara Sutra in the management of Bhagandara (Fistula-in-ano), International Journal of Ayurvedic Medicine, 2013, Vol. 4(3), 237-241.
4.	Prof. P. Hemantha Kumar, Professor, "A Case Study on Mutrashmari (Urolithiasis) Using Yavaksharadi Yoga", International Journal of Research in Ayurveda and Research, Jan-Feb 2013, Vol.4 (1), 138-140.
5.	Prof. P. Hemantha Kumar, Professor, "Effect of Manjistadi lepa in traumatic joint disorders", Journal of Ayurveda & Holistic Medicine, April, 2013, Vol. 1(1), 30-32.
6.	Prof. P. Hemantha Kumar, Professor, "Effect of Hingulamrutadi Malahar in the Management of Dustavrana", International Journal of Ayurvedic Medicine, 2013, Vol. 4(2), 122-130.
7.	Prof. P. Hemantha Kumar, Professor, "Effect of Apamarga Pratisaraneeya Kshara in the Management of Nadvirana (Pilonidal sinus) - A Case Report", International Ayurvedic Medical Journal, July-Aug 2013, Vol. 1(4).

8.	Prof. P. Hemantha Kumar, Professor, "Ayurvedic Perspective of Dustavrana (Non Healing Ulcer)", International Ayurvedic Medical Journal, July-Aug 2013, Vol. 1(4).
9.	Prof. P. Hemantha Kumar, Professor, "A Critical Analysis of Pratisaraneeya Kshara", International Ayurvedic Medical Journal, July-Aug 2013, Vol. 1(4). 1-4.
10.	Prof. P. Hemantha Kumar, Professor, "A case discussion on effect of Palasha Kshara Sutra in the management of Bhagandara (Fistula-in-ano) with special reference to its Antimicrobial Effect", International Journal of Ayurvedic Medicine, 2013, Vol. 4(3), 242-244.
11.	Prof. P. Hemantha Kumar, Professor, "Effect of Kadali Kshara Sutra in the management of Bhagandara (Fistula-in-ano)", International Ayurvedic Medical Journal, Sep-Oct 2013, Vol. 1(5), 1-5.
12.	Prof. P. Hemantha Kumar, Professor, "Diagnosis of Urinary Calculus – An Ayurvedic Perspective", International Ayurvedic Medical Journal, May-June 2013, Vol. 1(3), 1-5.
13.	Prof. P. Hemantha Kumar, Professor, "Clinical study of Yavaksharadi Yoga in the management of Mutrashmari (Urolithiasis)", International Journal of Research in Ayurveda and Research, Nov-Dec 2013, Vol.4 (6), 831-835.
14.	Prof. P. Hemantha Kumar, Professor, "To Evaluate the Effect of Kadalikandadi Kshara Yoga in the Management of Vataja Ashmari", Ancient Science of Life, Jan-March 2013, 32(5) : 27.
15.	Prof. P. Hemantha Kumar, Professor, "Effect of Manjistadilepa in Management of Ankle Sprain ", Ancient Science of Life, Jan-March 2013, 32(5) : 27.
16.	Dr. B. Swapna, Lecturer, "Development and Validation of Assessment Tool for Bhagandara Nidana w.s.r. to Rukshadi Gunas of Vata Dosha", Journal of Ayurveda, Jan-Mar 2013 Vol.VII No.1, ISSN : 2321-0435.
17.	Dr. B. Swapna, Lecturer, "Alcoholism : An Abuse and Addiction", Ayurveda And All, June 2013, Vol.10, No.6, ISSN : 2321-0435.
18.	Dr. B. Swapna, Lecturer, "Diarrhoea: The Acute and Chronic Diarrhoea Area", Ayurveda And All, July 2013, Vol.10, No.7, ISSN : 2321-0435.
19.	Dr. B. Swapna, Lecturer, "Pre-Diabetes: Predecessor to Diabetes", Ayurveda And All, August 2013, Vol.10, No.8, ISSN : 2321-0435.
20.	Dr. B. Swapna, Lecturer, "Non-Alcoholic Fatty Liver Disease: An Overview", Ayurveda And All, September 2013, Vol.10, No.9, ISSN : 2321-0435.
21.	Dr. B. Swapna, Lecturer, "Adiponectin: A New Marker For Metabolic Disorders – Scientific Review With Ayurvedic Application", Ayurveda And All, November 2013, Vol.10, No.11, ISSN : 2321-0435.
22.	Dr. B. Swapna, Lecturer, "Decipher Diabetes Through Evidence Based Ayurveda", Ayurveda And All, December 2013, Vol.10, No.12, ISSN : 2321-0435.
23.	Dr. B. Swapna, Lecturer, "Ayurveda Comes Clean Through Myths and Facts : Find To Mind", Ayurveda And All, January 2014, Vol.11, No.1, ISSN : 2321-0435.
24.	Dr. B. Swapna, Lecturer, "Sadhyo Vamana (Stat-Emesis) for Alcohol De-Addiction: A Clinical Experience", Ayurveda And All, January 2014, Vol.11, No.1, ISSN : 2321-0435.
25.	Dr. J.P. Verma, Associate Professor, Dr. B.B. Pandey, Asstt. Professor, Dr. Ashok Kumar, Asstt. Professor and Dr. Narinder Singh, Lecturer, "Development and Validation of Assessment Tool for Bhagandara Nidana with special reference to Rukshadi Gunas of Vata Dosha", Journal of Ayurveda, January-March 2013, Vol. 8, No.1, ISSN : 2327-0435.

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 and Post Graduate education along with hand to hand training in diagnosis, and treatment aspects along with Kriya Kalpa procedures. This department is also concerned with prevention of contagious diseases, Preventive and Promotional aspects of health, etc. in accordance with the syllabus and curriculum prescribed by the Central Council of Indian Medicine and as adopted by the Dr. Sarvepalli Radhakrishnan Rajasthan Ayurved University.

During the year 2013-2014, 2 Associate Professors and 4 Lecturers 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 ayum Mukha with 4 Scholars in each of these specialities. This year, 6 PG Scholars have achieved their MS Degree in Shalakya Tantra from this Department and they are continuing their services in esteemed institutions.

Research:

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

Sl. No.	Scholar	Supervisor	Topic
1	Dr. Anubha Jain	Dr. Shamsa Fiaz Associate Prof. & HOD	Clinical Evaluation of Pippalyadi Gandusha and Phalatrikadi Kwatha in management of Tundikeri w.s.r. to Tonsillitis
2.	Dr. Nikita Baghel	Dr. Shamsa Fiaz Associate Prof. & HOD	Clinical evaluation of role of Haridradi Anjana and Vibhitakadi Ghritha in the management of Sushkakshipaka w.s.r. to Dry Eye Syndrome.
3.	Dr. Satyadev	Dr. Aparna Sharma Lecturer	A comparative study on effect of Pathyadi Anjanavarti and Madhu Shigru Aschyotana in the Management of Kaphaja Abhishyanda w.s.r. to Allergic Conjunctivitis
4.	Dr. Sheenam	Dr. Gulab Chand Pamnani, Lecturer	Clinical evaluation on the effect of Bala Taila nasya & Gyan mudra in the management of Vatik Sirahshula w.s.r. to Tension Headache
5.	Dr. Pallavi Kamble	Dr. Pankaj Kundal Lecturer	A comparative study on the efficacy of Vyoshadi varti & Chandrodya varti in the management of Arma (Pterygium)
6.	Dr. Prashanth Kumar Sahoo	Dr. Shamsa Fiaz Associate Prof. & HOD	Clinical Study on the Efficacy of Panchatikta Niruha Basti, Tiladi Nasya and Amrutadi Guggulu in the Management of Diabetic Retinopathy.
7.	Dr. P Narayanan	Dr. Shamsa Fiaz Associate Prof. & HOD	Clinical Study on the Effect of Shatahvadi Dhoomapana with or without Pippali Rasayana in Peenasa w.s.r. to Chronic Simple Rhinitis.
8.	Dr. Mansi	Dr. Aparna Sharma	A Clinical Study on the Efficacy of Ardhanareshwara Rasa Nasya and Nimbadi Guggulu in the Management of Kaphaja Shiroroga w.s.r. to Sinusitis.

9.	Dr. Payal Sharma	Dr. Gulab Chand Pamnani, Lecturer	A Clinical Evaluation on Efficacy of Mahavasadi Kwatha and Guduchyadi Anjana in the Management of Timira w.s.r. to Immature Senile Cataract.
10.	Dr. Kirti Akhand	Dr. Pankaj Kundal	A Comparative Study on the Effect of Bilwadi Yoga Aschotana and Haritaki Vidalaka in the Management of Vataja Abhishyanda w.s.r. to Simple Allergic Conjunctivitis.
11.	Dr. Reenu Meena	Dr. Prabhakar	A Clinical Efficacy on the Efficacy of Dashanga Haritaki and Tarpana in the Management of Timira w.s.r. to Myopia.

Publication:

(A) Articles Published in Journals/Magazines:

1.	Dr. Shamsa Fiaz, Associate Professor and HOD of Shalakaya, "Understanding and Interpretation of the Concept of Rukshadi Gunas in Ayurveda", Journal of Ayurveda, NIA, Jaipur in edition, ISSN No. 2321-0435, Jan-Mar 2013.
2.	Dr. Shamsa Fiaz, Associate Professor and HOD of Shalakaya, "Role of Triphala Rasakriya Pratisarana in Krimigranthi with special reference to Blepharitis", Peer Review Online Journal - Punarnava International Journal of Ayurveda, January 2014.

(B) Participation in Workshops/Seminars:

1.	Dr. Shamsa Fiaz, Associate Professor and HOD of Shalakaya, presented a Research Paper titled Role of Pathyadi Tail Nasya and Vyaghree Haritaki Rasayana in the management of Vataj Pratishyaya w.s.r. to Allergic Rhinitis in Update Shalakya Tantra - 2013 organised by Tilak Ayurved Mahavidyalaya on 25-4-2013 at Pune.
2.	Dr. Shamsa Fiaz, Associate Professor and HOD of Shalakaya, chaired a Session on General Presentations of Global Ayurveda Conference held on 23-12-2014 at Kochi (Kerala). 30 Research Papers were presented in this Session.

(C) Scholars Participated in Seminars/Workshops

1.	Dr. Pallavi, MS Scholar participated in Global Ayurveda Conference held on 23-12-2014 at Kochi (Kerala) and presented a research paper titled "Meta Analysis of Clinical Studies on the Effect of Various Ayurvedic Formulations on Arma w.s.r. to Pterygium".
2.	Dr. Satyadev, MS Scholar participated in Global Ayurveda Conference held on 23-12-2014 at Kochi (Kerala) and presented a research paper titled "A Clinical Study on the Effect of Anjanadi Vaeti and Vidalak in the Management of Allergic Conjunctivitis".
3.	Dr. Satyadev, MS Scholar participated in a Seminar organised on 28-3-2014 at Ujjain and presented a research paper titled "A clinical study on the effect of Anjanadi Vaeti and Vidalak in the management of Allergic Conjunctivitis".

The Department has the following functioning Units and Clinics:

Clinical

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

Eye Unit: This Unit is providing diagnostic and therapeutic approach in treatment of Eye diseases like Refractive errors, Cataract, Computer Vision Syndrome, Conjunctivitis, retinal disorders. This unit is well equipped with Autorefractometer, perimeter, Lensometer, Slit lamp, Keratometer, A Scan, 90 D-Lens 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 in various eye disorders including diseases like Diabetic Retinopathy, Glaucoma, Cataract, Macular Degeneration, Myopia etc. 6356 Patients were examined and treated in Eye Unit of OPD.

Eye Examination Unit: In this unit various diagnostic tests are done like Refraction, Tonometry, Perimetry etc. In this year a total number of 5941 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 Otolaryngoscope, 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 pramajana, Karnapura, Aural toilet, Ear syringing, Dhoomapana, etc. in treatment of diseases like headache, Sinusitis, Migraine, Trigeminal neuralgia, Hair fall, dandruff, Rhinitis, Deviated nasal septum, Nasal Allergies, deafness, CSOM, Tinnitus, Otalgia, Ear Wax, Otomycosis, Tonsillitis, Pharyngitis, Mouth Ulcers, SMF etc. to the patients. This year a total of 3760 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 3690 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 pramajana, Karnapura, Aural toilet, Ear syringing, Dhoomapana, etc are performed for the benefit of patients. In this year 3369 patients were treated with various kriya kalpa procedures.

Eye Exercise Unit: This unit adopts various eye exercises for restoration of sight in various diseases like Refractive errors, glaucoma, RP, ARMD etc. Various Eye Exercises are demonstrated to patients for correction of improper vision. The eye exercises practiced are Eye Wash, Sunning, Palming, Ball Exercise, Candle Exercise, Bar swinging, Vapour and Cold Pad are being introduced for the benefit of patients. A total number of 93 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 post graduate scholars. Total 61 surgeries were done this year among which 45 cataract surgeries, 12 pterygium excision, 2 cases of foreign body removal and 2 cases of corneal debridement 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	539	265	329	512	366	2	-
May	304	600	326	565	425	3	-
June	670	309	342	623	346	4	-
July	702	361	301	359	332	7	8
August	461	276	314	378	219	3	14
September	756	337	325	612	388	10	36
October	545	256	293	474	147	6	9
November	484	219	241	461	180	3	8
December	668	234	316	535	177	9	18
January	487	205	339	383	84		20
February	238	238	269	462	201		21
March	607	331	299	657	345		45
Total	6356	3760	3690	5941	3349	51	93
Grand Total	23240						

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

Procedure	Apr	May	Jun	July	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar
Netra Pariseka	177	70	94	112	64	190	84	41	62	30	58	99
Nasya	87	41	74	17	0	172	66	77	67	20	55	119
Tarpana	40	138	124	128	81	11	7	15	7	9	7	25
Vidalaka	-	11	4	8	0	1	-	-	-	1	-	-
Karnapurana	2	3	-	5	16	14	6	23	21	18	51	26
Sirodhara	15	13	16	30	20	23	9	-	-	-	-	-
Siropichu	-	-	-	10	4	17	-	10	7	-	-	7
Sirolepa	14	-	31	22	23	12	-	-	-	3	1	-
Ashchyotana	-	22	-	-	-	14	8	8	7	-	1	4

Pindi	-	17	-	-	-	10	11	2	-	-	-	-
Prachanna	-	-	-	-	-	-	-	1	-	-	-	-
Karna pichu	1	10	0	-	-	5	-	-	-	3	5	19
Pratisarana	9	5	3	-	10	10	-	-	-	-	-	5
Kavala	-	5	-	-	1	11	-	-	-	-	-	-
Dhoomapana	-	-	-	-	-	10	-	-	-	-	5	25
Swedanal	-	-	-	-	-	10	-	-	-	84	5	12
Netra prakshalan	-	-	-	-	-	-	5	3	-	-	-	-
Total	366	335	346	332	219	510	196	180	171	168	201	345
Grand Total	3369											

Award, Degree etc.

- Dr. Shamsa Fiaz, Associate Professor and HOD of Shalakaya recieved Maulana Abul Kalam Azad Award-2013 on 27-4-2013 by Kirdar Muslim Charitable Trust.
- Dr. Shamsa Fiaz, Associate Professor and HOD of Shalakaya was awarded Ph.D. Degree by Tilak Maharashtra Vidyapeeth, Pune in October 2013.

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, 1 Assistant Professor and 2 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 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.

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

Sl.No.	Scholar	Supervisor/ Co-Supervisor	Topic
1.	Dr. Mahendra Dube	Dr. Kamallesh Kumar Sharma Associate Professor Dr. Sarvesh Kumar Lecturer	A Conceptual Study on the Routine Skin Care in Ayurveda.
2.	Dr. Rachana Agrawal	Dr. Kamallesh Kumar Sharma Associate Professor Dr. Sarvesh Kumar Lecturer	A Conceptual Study on Geriatric Health Care in Ayurveda.
3.	Dr. Arun Kumar Devakar	Dr. Kamallesh Kumar Sharma Associate Professor Dr. Kashinath Samgandi Lecturer	A Study to Evaluate the Effect of Ayurvedic Face Cream in Yuvana Pidika w.s.r. to Acne Vulgaris.
4.	Dr. Ramavatar Sharma	Dr. Kamallesh Kumar Sharma Associate Professor Dr. Kashinath Samgandi Lecturer	A Survey Study to Evaluate the Effects of Diwaswapna in Santarpanajanya Vyadhi w.s.r. to Sthaulya (Obesity).
5.	Dr. Manju Kumari	Dr. Durgavati Devi Asstt. Professor	A Critical Re-evaluation on the Concept of Ahara w.s.r. to Ritucharya.
6.	Dr. Janhvi Mishra	Dr. Durgavati Devi Asstt. Professor	Study on the Role of Dantadhawana, Jihvanirlekhana and Gandushadharana in Oral Hygiene.
7.	Dr. Hitendra Pandya	Dr. Durgavati Devi Asstt. Professor	A Conceptual Study on Ratnadhara in the Promotion of Health.
8.	Dr. Sarita Saini	Dr. Kamallesh Sharma Associate Professor	A Comparative Study to Evaluate the Efficacy of Tila Tail and Katu Taila Pratimarsha Nasya in Nidranasha.
9.	Dr. Anju Kumari	Dr. Kamallesh Kumar Sharma Associate Professor Dr. Hetal Dave, Lecturer	A Controlled Clinical Study to Evaluate the Efficacy of Aasana and Pathyahara in PCOS.

10.	Dr. Payal Khandelwal	Dr. Durgavati Devi Asstt. Professor	A Study to Access the Efficacy of Keshrakshan Upaya in Kesh Swasthaya w.s.r. to Dincharya.
11.	Dr. Mahesh Kumar	Dr. Sarvesh Kumar Lecturer	A Survey Study to Evaluate the Effect of Ratri Jagrana on Health w.s.r. to Nidra Vega Dharana.
12.	Dr. Narendra Singh Rajput	Dr. Kashinath Samgandi Lecturer	A Comparative Study of Madhodak and Gomutra Arka as Pathya in Atisthaulya.
13.	Dr. Devesh Sharma	Prof. Piyush S Mehta Professor Dr. Kashinath Samgandi Lecturer	Comparative Clinical Study to Evaluate the Effect of Trataka Versus Neti Kriya in Myopia.
14.	Dr. Chandrachud Mishra	Dr. Rajesh Sharma Assocaite Professor Lecturer Dr. Sarvesh Kumar Lecturer	An Analytical Study on Tamra Patra Sthita Jala.

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. Amitabh Mapdar	Dr. Kamalesh Kumar Sharma Associate Professor	Scientific Exploration of Dinachariya.
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 strotansyabhinirvartente.</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:

(A) Books

1.	Dr. Sarvesh Kumar Agrawal, Lecturer, "Hatha Yoga Pradipika", Choukhamba Publication, Varanasi.
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(B) Articles Published in Journals/Magazines:

1.	Dr. Durgawati Devi, Assistant Professor, "Concept of Vyadhikshamatva in Ayurveda", Amrit Sanchar, August 2013.
2.	Dr. Kashi Nath Samgandi, Lecturer, "Development & Validation of the Objective Criterias of rukshadi Guna of Vatadosha", Journal of Ayurveda, February, 2014, ISSN 2321-0435.
3.	Dr. Kashi Nath Samgandi, Lecturer, "Bhojanottara Karma - An Accentuated Ritual after Intake of Ahar", Journal of AYUSH, Vol.3, No.1(2014) ISSN : 2278-2214, Page 67-72.
4.	Dr. Kashi Nath Samgandi, Lecturer, "Fundemental of Ayurveda in Precluding the Diseases of Civilization", Vishwa Ayurveda Parshid, ISSN N076- 8300, Issue Jan-Feb 2013, Page 10.
5.	Dr. Kashi Nath Samgandi, Lecturer, "Clinical Evaluation of Rasayana Effect of Ashwagandhadi Leha in Apparently Healthy Elderly Persons", Ancient Science of Life, October–December 2012, Volume 32, Issue-5 (Supplement) online.
6.	Dr. Kashi Nath Samgandi, Lecturer, "Review of Computer Vision Syndrome in the in the Perspective of Ayurveda", International Ayurveda Medical Journal, May-June 2013, ISSN:2320 5091.
7.	Dr. Kashi Nath Samgandi, Lecturer, "A Conceptual Study of Management of Aradhavabedhaka (Migrane) through Yogic Karma and Yogic Ahar", Journal of AYUSH, Vol.2, No.3 (2013), ISSN : 2278-2214, Page 51-57.

8.	Dr. Kashi Nath Samgandi, Lecturer, "A Pilot Study to Evaluate the Efficacy of Triphala Madhu Sarpi in Computer Vision Syndrome", International Journal of Research in Ayurveda and Pharmacy, November-December 2013, ISSN : 229-3566.
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(C) Participation and Paper Presentation in Workshops/Seminars

1.	Dr. Kamallesh Sharma, Associate Professor, participated in CME-DFSICON Program on 6 September 2013 organized by Diabetic Foot Society of India at Jaipur.
2.	Dr. Kamallesh Sharma, Associate Professor, participated in a Workshop on 6 November 2013 organized by IPGTRA, Jamnagar.
3.	Dr. Durgavati Devi, Assistant Professor, participated in International Sanskrit Conference organised on 23-25 August 2013 at New Delhi and presented a Paper titled "Samajik Swasthaya ke pariprekshya main Yam ki Upyogita"
4.	Dr. Durgavati Devi, Assistant Professor, participated in International Conference and Exhibition on Traditional and Alternative Medicine organised at Hyderabad on -11 December 2013 and presented a Paper titled "Abhyanga : Essential in Daily Routine for Health Preservation".
5.	Dr. Durga Devi, Assistant Professor, participated in National Workshop on Development of Life Style Guidelines of Ayurveda for Rationalization and Standardization of Health Promotion organised on 21-23 March, 2014 at IPGTRA, Jamnagar.
6.	Dr. Durga Devi, Assistant Professor, participated in International Conclave on Current Researches in Healthcare organised on 15 September 2013 at Bareilly.

(D) Participation and Guest Lectures in various Programs

1.	Dr. Kamallesh Kumar Sharma, Associate Professor, "Applied Aspect of Nutrition" in a TOT Program on Ayurveda, 22-8-2013 at Jaipur.
2.	Dr. Kamallesh Kumar Sharma, Associate Professor, "Swine Flue and Ayurveda" on 22-23 August 2013 at Sanskrit Academy, New Delhi.
3.	Dr. Kamallesh Kumar Sharma, Associate Professor, "Respiratory System with reference to Swastha Vritta" in a TOT Program on Ayurveda, 12 September 2013 at Jaipur.
4.	Dr. Kamallesh Kumar Sharma, Associate Professor, "Life Style Modification and Stress Management through Yoga" 8 October 2013, Rajasthan Police Academy at Jaipur.
5.	Dr. Kamallesh Kumar Sharma, Associate Professor, "Health from Yoga" 14 October 2013, Chaupal Program of Doordarshan, Jaipur.
6.	Dr. Kamallesh Kumar Sharma, Associate Professor, "Applied Aspect of Swasthavritta" in a ToT Program on 25 October 2013, Jaipur.
7.	Dr. Kamallesh Kumar Sharma, Associate Professor, "Yogik Samshodhan Prakriya", on 1 February 2014, Rajasthan Ayurved University, Jodhpur.
8.	Dr. Kamallesh Kumar Sharma, Associate Professor, "Applied Aspect of Swasthavritta" in a ToT Program on 7 February 2014, Jaipur.
9.	Dr. Kamallesh Kumar Sharma, Associate Professor, "Madhumeha Main Pathya-Apathya" in a ToT Program on 7 March 2014, Jaipur.
10.	Dr. Durgavati Devi, Assistant Professor, "Personality Development Through Yoga" a Personality Development Camp, Vishwa Ayurveda Parishad on 14 June 2014 at Jaipur.
11.	Dr. Sarvesh Agrawal, Lecturer, "Twacha evam Ranjit Roga : Ritu evam Desh (Sthana) Vishesh main paye janewale Twacha Roga" in a Training Program for Medical Officers, Ayurveda Department, Govt. of Rajasthan, Jaipur on 20 January 2014.
12.	Dr. Sarvesh Agrawal, Lecturer, "Role of Yoga and Naturopathy in Chronic Disease and Geriatric Health Care" in a Yoga and Naturopathy Treatment Training Program for Ayush Medical Officers, Ayurveda Department, Govt. of Rajasthan, Jaipur on 28 January 2014.
13.	Dr. Kashinath Samgandi, Lecturer participated in Re-Orientation Training Program organised at Amrita School of Kollam on 22-27 April 2013.
14.	Dr. Kashinath Samgandi, Lecturer, "Practical Applicability of Pranayama" Vishwa Ayurveda Parishad, Saraswati Vidya Mandir, Jaipur, 9 June 2013.
15.	Dr. Kashinath Samgandi, Lecturer, "Paryavaran and Uska Pratikar - Ayurved Vivechan" Sri Laxmi Bagh, Jaipur, 9 July 2013.
16.	Dr. Kashinath Samgandi, Lecturer, "Role of Yoga and Naturopathy for Rural Population " Rajasthan Ayurveda University, Jodhpur, 1 February 2014.

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

Sl. No.	Name of Teachers	Miscellaneous Activities
1.	Dr. Kamalesh Kumar Sharma Associate Professor	<ol style="list-style-type: none"> 1. Participated, as Subject Expert, in the Meeting of Selection Committee of Ayurveda College, Rainwal(Jaipur) to interview the candidates for selection to the Post of Lecturer held on 25 April 2013. 2. Inspected the Sita Devi Mahila College for University Affiliation on 26 April 2013. 3. Visited, as Flyng Officer, the Nurisng College, Chomu(Jaipur) and Ayurved College, Rainwal(Jaipur) during Examinations on 29 April 2013. 4. Visited, as Flyng Officer, the Nurisng College, Chittor and Nursing College College, Mangalwar during Examinations on 2 May 2013. 5. Appointed as Observer in Pre Ayurveda Test conducted at Jaipur Center on 30 May 2014. 6. Visited the Rajasthan Ayurved University for confidential work on 13-14 June 2013. 7. Visited the Nursing College, Jhunjhunu on 29 June 2013. 8. Visited the Rajasthan Ayurved University for confidential work on 27-28 July 2013. 9. Participated as Observer in the Counseling held on 28 November 2013 at Unani College, Jaipur. 10. Visited, as Observer, the Yoga and Naturopathy College, Sikar on 29 November 2013 on behalf of the University. 11. Visited the Rajasthan Ayurveda University, Jodhpur to prepare Syllabus for M.Sc.Nursing. 12. Visited Dabur India Ltd. on 18 July 2013. 13. Visited the Gauhati to conduct examination on 23-24 September 2013. 14. Conducted Examination on 24 February 2014 at Chaukhamba Brahmaprakash Charak Ayurveda Sansthan, New Delhi. 15. Visited as a Member of Visitation Team of CCIM, inspected the various Ayurvedic Colleges at Raipur(3-4 June 2013), Nagpur(5 June 2013), Boradi(7-8 June 2013), Rohtak(11 June 2013), Trichur(17-18 January 2014), Mahi Pondicherry(20-21 January 2014), Mudbidari-Karnataka(22-23 January 2014) and Vagholi-Pune(3-4 February 2014).
2.	Dr. Sarvesh Kumar Agrawal Lecturer	<ol style="list-style-type: none"> 1. Visited the Nursing College, Sri Ganganagar on 12-13 July 2013. 2. Conducted Practical Examination for BAMS-II Professional Student of Swastha Vritta Subject at Govt. Ayurvedic College, Gwalior, MP.
3.	Dr. Kashinath Samgandi Lecturer	<ol style="list-style-type: none"> 1. Worked as Yoga Instructor for delegates of Vishwa Ayurveda, Jaipur on 8-14 June 2013. 2. Visited the Rajasthan Ayurved University for confidential work on 1-3 July 2013. 3. Conducted Practical Examination at Govt. Ayurvedic College, Patiala, Punjab on 8 February 2014.

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, the total number of patients benefited by the various Asanas and Kriyas were: 7,685.

Award:

Dr. Kamallesh Kumar Sharma, Associate Professor and HOD of Swastha Vritta was honoured by the Shivam Sansthan and Dabur India Limited, Jaipur on 1 November 2013.
