



8th ANNUAL REPORT

2016-2017

Central University of Rajasthan



8th Annual Report 2016-17

CENTRAL UNIVERSITY OF RAJASTHAN

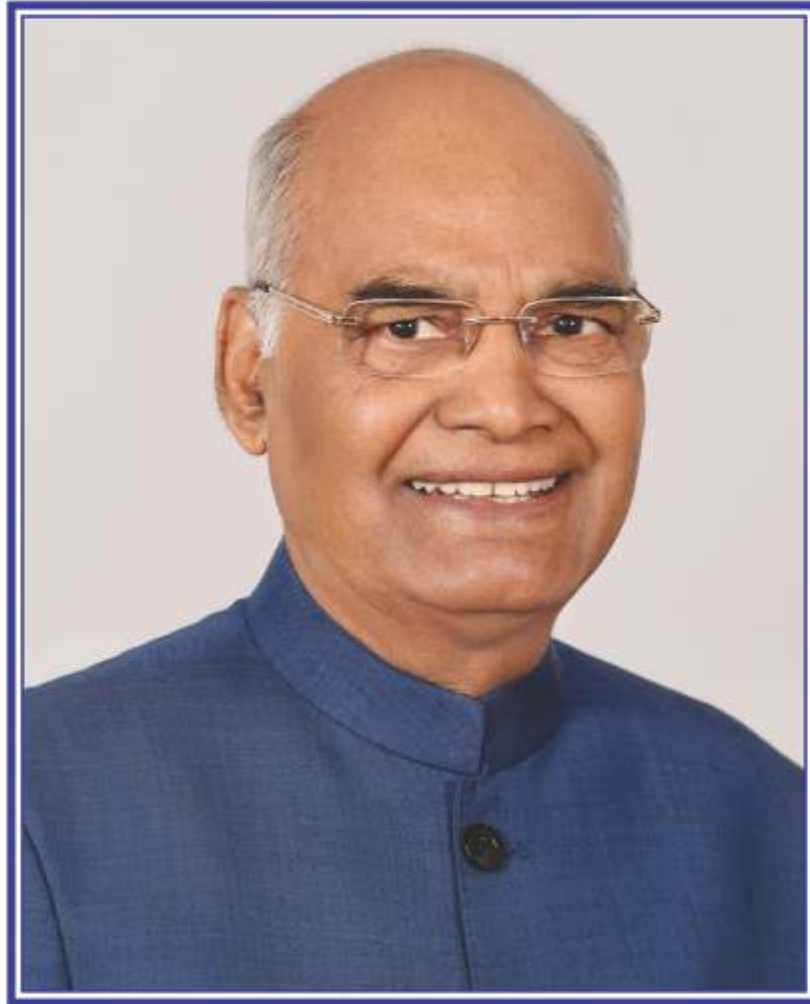


Eighth Annual Report

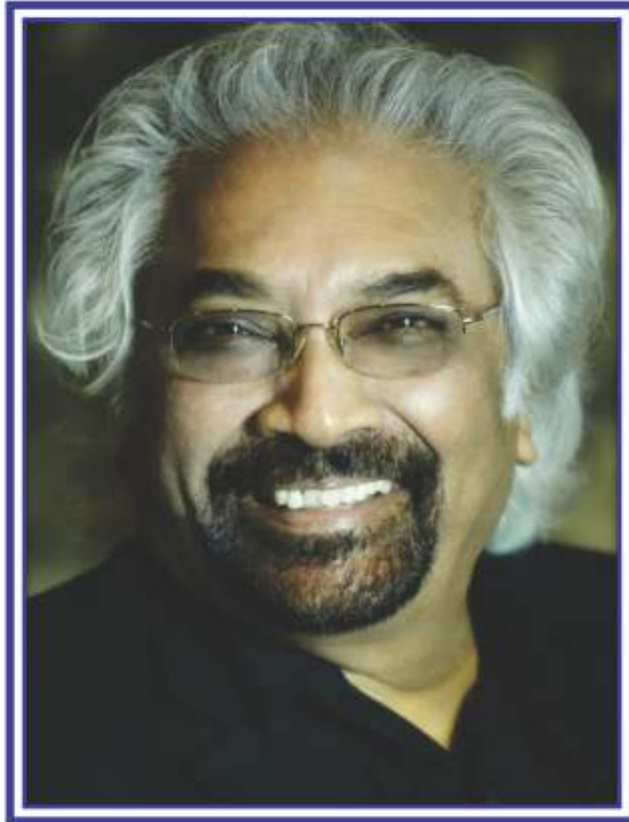
2016-2017



The Visitor
President of India
His Excellency Shri Pranab Mukherjee
25 July 2012 - 25 July 2017



The Visitor
President of India
His Excellency Shri Ram Nath Kovind
From 25 July 2017



**Chancellor
Dr. Sam Pitroda**



**Vice Chancellor
Prof. Arun K Pujari**

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From the Vice Chancellor's Desk

Reflecting on the University's history, which this annual report aims to encapsulate, gives us the opportunity not just to celebrate the past accomplishments but also to learn from the experiences and discern what elements from our history should endure especially when we strategically plan for our future course. This has been an extraordinarily exciting and satisfying year but not free from the trials and turmoil.

I think the defining characteristics of the University are the resilience of the institution, its ability to change and respond to new conditions, while remaining optimistic and looking forward. These values will help in guiding us as we take advantage of the opportunities and also the challenges lying ahead.

We have continued our efforts to advocate for a diverse yet inclusive community. The year focused on building a scientific brand associated with the research excellence, transparency, and quality education. This year witnessed launching new activities in the areas of Atmospheric Science, Big Data Analytics and Yoga. We boldly initiated industry collaborations and started programmes of studies in collaboration with the leading industries.

This year we completed the process of impending recruitments and most of the teaching and non-teaching positions are now filled. We did a successful experiment of completing the appointment process of teachers within the stipulated time period of 45 days. Being a great place to work enabled us to recruit, retain and unleash the talents of promising people. Coming years will witness its effect and we are ready to reap dividends of our diligence.

We believe that our two goals, namely to deliver top-tier graduate performance on the one hand and to be a great place of research on the other hand, are interdependent and the realization of one is not feasible without the other. We strive to maintain balance between the said goals and would remain focused on evolving our ways of working, our standards of leadership and the development opportunities available to our colleagues. Many of the teaching departments succeeded in getting FIST grants and a number of teachers have been awarded research projects during the year of reporting.

In the most part of the first half of the year, the University was engaged in building up its strength to face the first Peer Team Visit of NAAC and was awarded 'A' grade by the NAAC.

We have been able to grow rapidly. All the construction tasks, which had been initiated as the first phase of the campus infrastructure, were completed this year. The University has now 4 permanent academic blocks, magnificent administrative building, and residences for teaching and non-teaching staff. We now move into the second phase, in which we begin to capitalise on our achievements till date to have broader influence on research and education corroborating our stated mission.



Students' wellbeing is one of our priorities. This year we streamlined the hostel and mess administration. Besides, the university had a very active cultural and sport year marked with our students' accomplishments and leadership in many inter-university events.

In an attempt to establish itself as research University, the University had more than 130 externally sponsored projects with a total budget of 2334.38 lakh ongoing this year. The teachers, the library staff and the students published 573 research papers in reputed international journals and presented 330 papers in several conferences. 13 dissertations are prepared and evaluated. The university is a residential campus, with 90% of students and 86% teachers living in its beautiful campus. This year in 92 centres the CUCET was conducted and 98617 students appeared in the joint entrance examination. The students are drawn from 28 states and 43% of its students are girls.

It has been an honour and a privilege to have a dedicated Editorial Team. My sincere thanks are extended to the teachers and staff and also to the outstanding members of the Editorial Team.

Clearly, we are in the midst of a remarkable period of growth and with the unyielding dedication of the students, staff and teachers, I firmly believe that the University's best days still lay ahead of us.

(Prof. Arun K Pujari)
Vice Chancellor

The Vision, Mission, Goals, Objectives & Quality Statement

Vision

"The Central University of Rajasthan aspires to be one of India's most dynamic and vibrant universities, responsive to the changing global trends, providing unparalleled educational opportunities for the learner community especially for those coming from the lower socio-economic strata of society seeking quality education. It proposes to offer innovative undergraduate and graduate academic programmes as well as continuing personal and professional enrichment in selected areas that will lead to the formation of a scholarly community by advancing, sharing and applying knowledge and by facilitating the development of thoughtful, creative, sensitive and responsible citizens."

Mission

"The mission of the Central University of Rajasthan is to contribute to and work with a sense of commitment towards the educational, cultural, economic, environmental, health and social advancement of the region and the nation at large by providing excellent undergraduate liberal education and quality programs leading to bachelors, masters, professional and doctorate degrees."

Goals

- To facilitate accessible and affordable quality education that equips the students with scholarly and professional skills, moral principles, and global perspectives.
- To strengthen both faculty and student research addressing basic and regional problems.
- To integrate national and international perspectives into our fundamental four-fold mission of teaching, research, extension and consultancy.
- To explore knowledge and wisdom in order to build a wealth of interdisciplinary academic resources indispensable for sustainable development to accomplish the status of a leading research-intensive university; and to engage in transferring knowledge and technology to the community in order to strengthen and elevate the community potential, and to increase the competitiveness of India at the global level.
- To employ the strategy of proactive management of the university administration and to operate the system within a sensible framework of high-quality governance based on efficiency, transparency and accountability.
- To formulate the University as one of the best places in the world to attain intellectual skills and acquire an affirmative mindset to thrive in an increasingly internationalized and competitive job market simultaneously acting as responsible citizens of the global community by the inculcation of value-oriented education.

Objectives

- Building character values and simultaneously forging the careers of the students by developing analytical thinking, individual initiative and responsibility.
- Providing flexible, innovative academic and research programmes and support structures that are responsive to a broad range of learners and regional needs.

- Facilitating a wide range of learning opportunities for learners engaged in graduate, postgraduate and research programmes.
- Encouraging considerate and accountable faculty-student participatory interaction on local, state, national and international affairs.
- Recognizing a special obligation to educate the students coming from minorities and lower socio-economic strata of the society.
- Undertaking research and consultancy on the challenges the region is facing and contributing its expertise for the community.
- Providing means for capacity building for leadership and service through academic programmes, campus activities and creating opportunities for community involvement.

Quality Statement

“In order to meet the challenges of the knowledge era and to keep pace with the knowledge explosion in Higher Education, the Central University of Rajasthan is committed to inculcating and sustaining quality in all the dimensions of Higher Education viz. teaching, learning, research, extension and governance while catering to the regional and global needs.”



The journey of Central University of Rajasthan began in 2009 with its establishment under the Central Universities Act 2009, and presently it is being led by Prof. Arun K Pujari as Vice-Chancellor. The University has, during the year 2016-17, taken progressive strides towards becoming a front-line institution of higher education in the nation. The year under report has been another milestone on this path of progress and what follows is a bird's eye-view of how this advance upon our previously done work has been achieved.

Academic Kaizen

Rising from its modest academic standing in the year 2009 with only two PG programs on offer, the University went on to diversify its academic range to 20 innovative programs of high employability potential by the year 2012. The following year spawned another 06 Integrated Courses to cater to the changing needs of the time at plus 02 level. In addition, research in all the existing courses was also spring-boarded the same year with Ph.D. in all these disciplines. Despite the range having widened, the focus of academic endeavors remained the idea of 'Sustainable development'.

As on the session under report, the University offers a wide array of Ph.D., PG and UG programs. This includes Ph.D. in 20 disciplines, 22 PG programs, 10 Integrated M.Sc. programs of 05 years and 04 M.Sc. B.Ed. programs of 03 years duration. Besides, in 2014-15 itself, an innovative idea was turned into reality in the form of B.Voc. Interior Design (under DDU Kaushal Kendra with a grant of 3.7 Crores sanctioned in respect of Community College). The programs introduced in the year 2016-17 are: M.Sc. (Atmospheric Science) and M.Sc. (Big Data Analytics) – in Association with TCS.

Infrastructural Orchestration

Academic kaizen is possible only with sound infrastructural orchestration. The University is proud to be a forerunner amongst the Central Universities in this respect. It affords the best possible facilities for

accommodation, class-room teaching, laboratory work, library work, recreation, physical fitness, sports and games: there are 07 well-furnished hostels for the students; there are lush green football and cricket fields, volleyball grounds, tennis courts outdoors while there are badminton and Table-tennis courts indoors. Besides, there are other facilities like Mega-mess (with the capacity of about 500 diners at a time), Laundry (with 06 operators), on-campus Bank, Post office, Day-Care Centre, Incubation Centre and so on.

The guest-house, having around 72 rooms, is also a rare facility that the University has. Presently, there are over 1500 students on the campus. Uniquely, the entire campus is so designed as to go easy on resources and at the same time to promote environmental quiescent. Aiming at 03 star GRIHA rating, greenery and cleanliness are ever on top priority. As for other facilities, the university has a bank (Bank of India). Also, Post office on the campus. Kendriya VidyalayaCuraj was inaugurated by Prof. VasudevDevnani, Hon'ble State Minister in June 2017. Besides, the university is well equipped with latest technology whether in laboratories or the library (Inflibnet and other e-resources) or the class-rooms (with projectors and video-conferencing facility). The ICT cell of the University has made available Internet facility under NMEICT. Optical fibre connectivity is also in place. Now WiFi using OPEX through RailTel is being made available. There are already about 1200 LAN points in place. The students have all facilities for indoor and outdoor sports apart from separate gymnasium for boys and girls.

Learner-friendly Framework

The entire framework within which the University functions is learner-friendly. Right from admission to the award of degree, the student is given a transparent, hassle-free experience. The student intake through an All-India Test (CUCET) is in resonance with the idea of 'social inclusion' besides bolstering up the national character of a Central University with cultural diversity and due regional representation. With the facility of Choice-based Credit System, Audit Courses and other flexi-schemes, the academic structuring is strongly student-friendly. Presence of Foreign students from countries like Nepal, Namibia, and Egypt helps make classrooms multi-cultural. In addition, they get financial support through various fellowships from state- and union-government agencies. Besides this, three top-ranking students of every program are entitled to a one-thousand rupee scholarship per month.

Giving Wings to Talent and Inculcating Virtue

For a proper nurturing and show-casing of innate talent of the students, the University makes available several fora like Literary Club, Film Club, Lenswala, Navsrijana, Economania, Music Club and such others. These clubs are instruments of cohesion as well as positive competition among students. The club-culture is also meant to develop professionalism amongst the students as they can experience the functioning of quasi-institutional set-ups.

NSS is operative in the University. In the year, a host of activities were held like Van Mahotsava, Yoga Session, Awareness Rally on Cashless Transactions, Blood Donation Camp, Youth Week, Street Plays and Camps for Water and Waste Management. We are proud that the Best NSS volunteer award at NIC Karnataka has been won by one our student Ms. Chandan Dubey. Cultural Programs and trainings are a regular feature of our calendar. Beginning with Induction Day, the list includes Dance Workshop by Saswat Joshi, Spic Macay Programs by Vishal Krishna and Uma Satyanarayana. On its Foundation Day Program, the University had the Bollywood celebrity Ms. Diya Mirza for inspiring the students towards excellence.

Achievers' Pantheon

The University is proud to have scores of achievers amongst its alumni, and equally high number amongst those still pursuing their courses at the university. Most importantly, NET (National Eligibility Test) is fast becoming the Universities forte in various subjects. In the year under report, more than 30 students have

qualified NET. Likewise, Curajians have come up with flying colors at several sports events at national and regional levels. Likewise, several students of different departments have made their space in various fields.

Faculty Profile

Centres of higher education are known by the quality of teachers they have. The university is proud to have a very young and energetic lot averaging about 38.5 year. Most of them have had education/training/experience/research at highly reputed institutions situated in the country (IIMs, IITs, Central Universities, and Centers of Excellence) and abroad (Australia, Germany, the USA, Canada, Sweden) too. Mention must also be made of the fact that the University has about 60% regular teachers of the sanctioned posts. Expertise of highly qualified teachers is thus ensured for the proper mentoring and growth of the learners. During the year under report, the University faculty obtained projects worth more than 4.38 crores from funding agencies like DST, DBT, ICCSR, ICPR, SERB, and UGC.

Employment Initiative

The motto of the University is not just to educate students but also to make them employable for the development of the country. With this ideal in view, regular placement drives have been undertaken. First at the Mega Placement Fair and then at Industry-Academia Meet scores of students saw first fruition of their endeavors, the first one being an international one with Swiss Ray Hongkong. The placements cells are in place in all the departments to further facilitate training and placement endeavors.

Idea Generation for a Better World

The university is earnestly committed to the task of generating ideas for a better world. To this end, it regularly holds academic activities. By the end of the session 2016-17, about 10 international, 16 national conferences and 15 workshops have been organized while the faculty have published around 150 international and 100 odd national research papers. Besides, several research projects are underway, including one in Environment Science fetching 1.6 crores. The University has recipients of INSA young scientist award, and similar prestigious accolades. Besides, the University has obtained hostage of illustrious academicians under GIAN (Global Initiative of Academic Networks).

In the same vein, the University hosts a Distinguished Lecture Series under which different scholars of high caliber came to enlighten students in various areas of human experience. Personages of the stature of Prof. Vipin Gupta, Dr. Kambhampati Subrahmanyam, Prof. J.P.N. Mishra, Ambassador Rajiv Sikri, Prof. Santanu Chaudhury and Prof. Shishir K. Dube have been the Distinguished speakers on these occasions.

MOUs and Partnerships

Staying connected is today the surest way of staying updated. Keeping with this spirit, the university has tied up with various institutions of international and national stature for educational and professional purposes. To mention a few are: University of Castilla-La Mancha (UCLM), Spain, Gorno-Altaisk State University (GASU), Russia, Monash University, Melbourne, Australia, California State University, San Bernardino, USA, Central Queensland University of Rockhampton in the State of Queensland (CQ University), Australia, Institute of Tropical Medicine, Antwerp, Belgium, Thuyloi University, Hanoi, Vietnam, UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN, México. The ones within the country are: GENPACT India, New Delhi, A3 Logics, Jaipur, Bank of India as a Banker of the University, Bank of India Professor Chair, MCX Stock Exchange Limited, Mumbai, Institute of Public Enterprise, Hyderabad, Centre for Budget and Policy Studies, Bangalore, Harideo Joshi University of Journalism and Mass Communication, Institute of Social and Economic Change (ISEC), Bangalore, INFLIBNET Centre, an IUC of University Grants Commission located at Ahmadabad, Department of Biotechnology, Ministry of Science & Technology, Govt. of India, New Delhi.

Besides, Centre for Technology Incubation, Community College and Community Radio are other ventures worth-mentioning. The recent ones are Curaj-Armstrong Collaboration, NIPAM (Nation Institute of Public Administration and Management) Namibia.

Community Development Cell

The University has developed a Community Development Cell in compliance with policy requirements of the Government of India. It has been functional since April 2015 to keep the University embedded with the surrounding community. The Cell has adopted 05 villages of its vicinity, namely Sirohi, Mundoti, Khera, Bandarsindri and Nohria. To benefit the villagers, the Cell has conducted Drug Awareness Camp, Adolescent Education Camp, Water Management Camps and a host of other activities for the welfare of the community.

Vistas of the Journey Ahead

The University is sworn in to evolve itself into a center of education where human resource with proper skill and knowledge is developed for the welfare and progress of the nation. Each of our future endeavors shall be attuned to this end. Our vision of the journey ahead offers opportunities to contribute in making our nation heritage-rich (natural as well as cultural), virtue-strong, and wisdom-nurturing. With these ideals in our view, we shall lead towards becoming a place on the earth where each individual is encouraged and supported to realize his/her human potential to the fullest.

Admission 2016-17

Course	Subject	Approved Intake					Seats Offered (ML)						Joined Total (ML+WL)					SC/ST/OBCs in GE			
		GEN	OBC	SC	ST	TOTAL	GEN	OBC	SC	ST	TOTAL	EX	GEN	OBC	SC	ST	TOTAL	OBC	SC	ST	TOTAL
Int. M.Sc	Biochemistry	10	5	3	2	20	9	5	3	1	18	1	6	4	2	1	14	0	0	0	0
Int. M.Sc	Biotechnology	10	5	3	2	20	9	5	3	1	18	0	5	3	3	1	12	1	0	0	1
Int. M.Sc	Chemistry	10	5	3	2	20	9	5	3	1	18	1	2	2	2	1	8	0	0	0	0
Int. M.Sc	Computer Science	10	5	3	2	20	9	5	3	1	18	0	7	0	2	1	10	5	0	0	5
Int. M.Sc	Economics	10	5	3	2	20	9	5	3	1	18	1	9	5	2	2	19	3	0	0	3
Int. M.Sc	Environmental Science	10	5	3	2	20	9	5	3	1	18	1	8	4	2	0	15	1	0	0	1
Int. M.Sc	Mathematics	10	5	3	2	20	9	5	3	1	18	0	3	9	2	0	14	3	0	0	3
Int. M.Sc	Microbiology	10	5	3	2	20	9	5	3	1	18	0	8	4	3	1	16	1	0	0	1
Int. M.Sc	Physics	10	5	3	2	20	9	5	3	1	18	1	8	4	3	1	17	4	0	0	4
Int. M.Sc	Statistics	10	5	3	2	20	9	5	3	1	18	0	6	5	1	2	14	1	0	0	1
M.Arch	Architecture	10	5	3	2	20	10	5	3	2	20	0	9	2	2	0	13				
M.Sc	Biochemistry	10	5	3	2	20	6	3	2	1	12	1	4	2	1	1	9	0	0	0	0
M.Sc	Biotechnology	10	5	3	2	20	6	3	2	1	12	0	4	2	0	1	7	0	0	0	0
M.Sc	Chemistry	10	5	3	2	20	6	3	2	1	12	0	3	1	1	0	5	0	0	0	0
M.Com	Commerce	10	5	3	2	20	9	5	3	1	18	0	9	5	3	1	18	3	3	0	6
M.Sc	Computer Science	10	5	3	2	20	9	5	3	1	18	0	7	4	1	0	12	2	0	0	2
M.Tech	Computer Science & Engineering	9	5	3	1	18	12	6	3	2	23	0	7	0	2	0	9	4	0	0	4
M.A.	Culture & Media Studies	10	5	3	2	20	8	4	2	1	15	0	5	0	0	0	5	1	0	0	1
M.A./M.Sc	Economics	10	5	3	2	20	9	5	3	1	18	0	4	4	2	1	11	2	0	0	2
M.A.	English	10	5	3	2	20	9	5	3	1	18	1	4	2	3	1	11	2	0	0	2
M.Sc	Environmental Science	10	5	3	2	20	6	3	2	1	12	0	3	2	1	1	7	0	0	0	0
M.A.	Hindi	10	5	3	2	20	9	5	3	1	18	0	8	5	3	1	17	5	1	0	6
MBA	Management	15	8	5	2	30	15	8	5	2	30	0	15	8	4	2	29	2	0	0	2
M.Sc/ M.Tech	Mathematics	10	5	3	2	20	6	3	2	1	12	0	3	2	0	0	5	1	0	0	1
M.Sc	Microbiology	10	5	3	2	20	6	3	2	1	12	1	4	2	2	1	10	1	0	0	1
M.Pharm	Pharmacy	10	5	3	2	20	5	2	1	1	9	0	3	2	0	0	5	1	0	0	1
M.Sc	Physics	10	5	3	2	20	6	3	2	1	12	1	6	1	1	1	10	0	0	0	0
M.A.	Public Policy, Law & Governance	10	5	3	2	20	8	4	2	1	15	0	4	4	0	1	9				
M.A	Social Work	10	5	3	2	20	9	5	3	1	18	0	9	5	2	1	17				
M.A/M.Sc	Statistics	10	5	3	2	20	9	5	3	1	18	0	6	3	0	0	9	2	0	0	2
M.Sc	Atmospheric	5	3	1	1	10	5	3	1	1	10	0	4	1	0	0	5	0	0	0	0
M.Sc	CS in Big Data Analysis	9	5	3	1	18	9	5	3	1	18	1	6	5	2	0	14	1	0	0	1
M.Sc	B.Ed. (Physics)	13	6	4	2	25	7	3	2	1	13	0	5	3	2	1	11	0	0	0	0
M.Sc	B.Ed. (Chemistry)	13	6	4	2	25	7	3	2	1	13	1	6	3	1	0	11	0	0	0	0
M.Sc	B.Ed. (Mathematics)	13	6	4	2	25	7	3	2	1	13	1	5	5	2	1	14	2	0	0	2
M.Sc	B.Ed. (Economics)	13	6	4	2	25	7	3	2	1	13	0	5	1	0	0	6	1	1	1	3

State-wise Distribution of Students (for all courses) 2016-17

State	Integrated		M.A./M.Sc		M.ScB.Ed		M.Tech/ M.ARCH		MBA		Ph.D		NEW		Ongoing		TOTAL		%
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Arunachal Pradesh	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0.05
Andaman Nicobar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Andhra Pradesh	4	3	11	2	0	0	0	0	2	0	5	1	8	2	14	4	22	6	1.48
Assam	2	0	1	0	0	0	0	0	0	0	1	0	0	0	4	0	4	0	0.21
Bihar	28	12	11	17	0	0	2	1	3	1	9	2	8	12	45	21	53	33	4.54
Chattisgarh	2	1	3	4	0	0	1	0	0	0	1	1	2	0	5	6	7	6	0.69
Chandigarh	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Delhi	5	1	11	14	1	2	1	1	0	2	3	4	6	4	15	20	21	24	2.37
Goa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Gujrat	0	1	1	0	0	0	0	0	0	1	0	1	1	0	0	3	1	3	0.21
Haryana	15	14	12	12	4	5	0	1	0	1	4	9	13	17	22	25	35	42	4.06
Himachal Pradesh	1	0	0	0	0	0	0	0	0	0	1	3	0	0	2	3	2	3	0.26
Jharkhand	10	3	11	10	1	0	0	1	0	0	4	1	8	3	18	12	26	15	2.16
Jammu & Kashmir	2	1	17	4	2	0	3	1	0	0	3	1	3	1	24	6	27	7	1.79
Kerala	4	6	15	15	1	2	0	0	1	0	1	1	8	6	14	18	22	24	2.43
Karnataka	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.05
Lakshadweep	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Meghalaya	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.05
Manipur	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0.05
Madhya Pradesh	2	2	1	1	0	1	1	0	0	0	4	1	2	3	6	2	8	5	0.69
Maharashtra	2	1	5	2	0	0	0	1	0	0	2	0	1	0	8	4	9	4	0.69
Mizoram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Nagaland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Orissa	6	3	8	4	2	0	0	0	1	0	5	2	10	3	12	6	22	9	1.64
Punjab	3	9	1	2	0	0	1	1	0	0	1	0	1	2	5	10	6	12	0.95
Pondicherry	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0.05
Rajasthan	350	255	203	175	46	45	3	12	20	23	56	56	158	101	520	465	678	566	65.61
Sikkim	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Tamilnadu	1	1	2	1	0	0	0	1	0	0	1	0	2	1	2	2	4	3	0.37
Tripura	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0.11
Telangana	1	2	5	1	1	0	0	0	1	0	0	0	1	0	7	3	8	3	0.58
Uttaranchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Uttarakhand	0	2	1	5	0	0	1	1	0	0	0	1	0	1	2	8	2	9	0.58
Uttar Pradesh	12	10	21	24	4	2	8	2	4	1	26	13	12	9	63	43	75	52	6.70
West Bengal	9	7	2	3	1	0	0	0	0	0	5	3	5	2	12	11	17	13	1.58
Foreign National	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0.05
Total	459	334	344	298	63	57	21	23	32	29	135	101	251	167	803	675	1054	842	100.00

List of Recipients of the Gold Medal in the 3rd Convocation

S.No.	Names	Year of Passing	Program	Department
1	Ms. AshuDehadani	2014	M. Arch. (Sustainable Architecture)	Architecture
2	Mr. Mahesh Kumar	2015		
3	Ms. ShilpaSood	2016		
4	Ms. Surbhi Sharma	2014	M.Sc. Biochemistry	Biochemistry
5	Ms. AditiUpadhyay	2015		
6	Mr. Shiv Shankar Mittal	2016		
7	Ms. ShaliniGour	2014	M.Sc. Biotechnology	Biotechnology
8	Ms. Joorie Bhattacharya	2015		
9	Ms. UshaSaraswatMahawar	2016		
10	Ms. Surbhi Jain	2014	M.Sc.Chemistry	Chemistry
11	Ms. Swati Agrawal	2015		
12	Ms. Monika Sehwani	2016		
13	Ms. VineetaBharti	2014	M.Com.	Commerce
14	Mr. SuhailMohmad Malik	2015		
15	Ms. Neethu Mohan	2016		
16	Mr. Rahul Pandey	2014	M.Sc. Computer Science	Computer Science
17	Mr. LokeshLakhera	2015		
18	Ms. Dhairya Jain	2016		
19	Ms. HarshitaKanwar	2014	M.Tech. Computer Science and Engineering	Computer Science and Engineering
20	Ms. ReenaRathore	2015		
21	Ms. Anjali Gupta	2016		
22	Ms. Neha Jain	2014	M.A. Culture and Media Studies	Culture and Media Studies
23	Ms. Swati Pareek	2015		
24	Ms. SakshiArora	2016		
25	Ms. MansiVinaik	2014	M.A. Economics	Economics
26	Ms. SunitaKumari	2015		
27	Ms. Sristhi Singh	2016		
28	Mr. Bibin Mathew Sebastian	2014	M.A. English	English
29	Ms. Guni Vats	2015		
30	Ms. Niharika Sharma	2016		
31	Mr. JekyChanwala	2014	M.Sc. Environmental Science	Environmental Science
32	Ms. Shivangi	2015		
33	Mr. Mohd Ashraf Dar	2016		
34	Mr. Dinesh Kumar	2014	M.A. Hindi	Hindi
35	Ms. Deepika Jain	2015		
36	Ms. Vandana Sharma	2016		
37	Ms. AmandeepKaur	2014	M.Sc. Tech. Mathematics	Mathematics
38	Mr. HanumantPratap Singh	2015		
39	Mr. VivekanandPandey	2016		
40	Ms. ShaliniGarg	2014	MBA	Management
41	Ms. KritikaTekwani	2015		
42	Ms. Shubhi Jain	2016		
43	Ms. Chhavi Jain	2014	M.Sc. Microbiology	Microbiology
44	Mr. Vikas Kumar	2015		
45	Ms. Sonali Dash	2016		
46	Ms. SurbhiAgarwal	2014	M. Pharm (Pharmaceutical Chemistry)	Pharmacy
47	Mr. Arshad Jamal Ansari	2015		
48	Mr. Mayank Joshi	2016		

49	Ms. SuchitraManjhu	2014	M.Sc. Physics	Physics
50	Mr. SourabhAneja	2015		
51	Mr. Bhagwana Ram Godara	2016		
52	Ms. RekhaJethani	2014	M.A. Public Policy Law & Governance	Public Policy, Law & Governance
53	Ms. JeetuKanwar	2015		
54	Ms. Priti	2016		
55	Mr. Kumar Sagarneel	2014	M.A. Social Work	Social Work
56	Ms. Nishtha Mishra	2015		
57	Ms. RenettaElizebethToolsiram	2016		
58	Ms. Madhumita Mehta	2014	M.Sc. Statistics	Statistics
59	Ms. PoojaKumawat	2015		
60	Ms. UzmaManzoor	2016		

Convocation-wise break-up of Degrees awarded

Convocation	Ph.D.	M.Tech	M.Sc.	M.A.	MBA	M.Com	M.Arch	M.Pharm	B.Sc	B.Voc	Total
I (01-09-2012)	NIL	22	74	32	30	-	-	-	-	-	158
II (09-07-2013)	NIL	21	123	65	26	-	09	-	-	-	244
III (01-10-2016)	NIL	50	529	296	103	56	22	46	23	-	1125

Third Convocation held on 01st October 2016 Nos. of Degree Awarded = 351+362+412 = 1125

Year of passing 2014 (Batch 2012)						
M.A.		M.Sc.		M.Tech		Total
Arch	6	Biochemistry	17	CSE	15	
Commerce	17	Biotech	17			
CMS	18	Chemistry	16			
Economics	13	CS	16			
English	22	EVS	18			
Hindi	22	Tech Maths (2011)	8			
MBA	35	Maths	14			
PPLG	8	Microbiology	18			
MSW	18	Pharmacy	12			
		Physics	21			
		Statistics	20			
	159		177		15	351

Year of passing 2015 (Batch 2013)						
M.A.		M.Sc.		M.Tech		Total
Arch	5	Biochemistry	24	CSE	18	
Commerce	18	Biotech	24			
CMS	9	Chemistry	22			
Economics	21	CS	11			
English	17	EVS	20			
Hindi	20	Tech Maths (2012)	4			
MBA	32	Maths	13			
PPLG	10	Microbiology	22			
MSW	14	Pharmacy	17			
		Physics	20			
		Statistics	21			
	146		198		18	362

Year of passing 2016 (Batch 2014)								
M.A.		M.Sc.		M.Tech		B.Sc.		Total
Arch	11	Biochemistry	24	CSE	17	B.Sc.(Exit option availed)	23	
Commerce	21	Biotech	17					
CMS	9	Chemistry	21					
Economics	23	CS	13					
English	24	EVS	22					
Hindi	19	Tech Maths (2013)	04					
MBA	36	Maths	20					
PPLG	9	Microbiology	19					
MSW	20	Pharmacy	17					
		Physics	25					
		Statistics	18					
	172		200		17		23	412

Infrastructural Facilities

Central Library

The University has a rich, resourceful and well-equipped library. It affords an array of print and electronic material for a variety of scholarly pursuits of its entire membership covering students, research scholars, teachers, administrative staff, experts and visitors. The number of e-journals subscribed to by the library is above 40000 titles brought out by 17 National and International publishers. During the year under report, about 487 e-books worth Rs. 30,48,859 were also procured from reputed publishers like Elsevier, Taylor & Francis, Cambridge University Press and Pearson. The facilities and services tendered by the library are: book lending, referencing, document delivery, Web OPAC, photocopy, inter-library loaning of material through DELNET and INFLIBNET etcetera. Thus, with the seating capacity of about 150 members, the library serves as a reservoir of knowledge accessible to the University community through intra-net and inter-net connectivity. It is also associated with INFLIBNET, DELNET, Current Science Association and Institute of Scientometrics for meeting every need of the users.

The library holdings, seen at a glance, consist of about 29,958 books in print and 487 in on-line version; there is a total of 11,356 online journals while there are 63 National, 20 International, and 355 Bound Volumes of print journals. About 16 Newspapers and 36 Magazines are regularly subscribed to. In addition, the library has 04 Online Databases and a collection of 723 CD-ROM.

E-Resources

1. In its repertoire of e-Resources, the library also has Sage Video Lectures accessible through the URL.

ICT Services

The CURaj library is fully automated with LibSys7 LMS software. Recently the library has upgraded to the new version of the Libsys software with a redesigned WebOPAC which is made available to users on the intranet. Users can access our library WebOPAC at <http://10.0.0.16:8380/opac/>. The library is fully Wi-Fi enabled and has a well-established cyber library with 15 networked PC connected with LAN which helps users to access thousands of electronic resources. The library is now planning to adopt open source softwares for library automation and digital library. The library webpage has also been updated regularly that provides information regarding rules/regulations, News/events and information about the library print and electronic resources.



Library Activities

1. One day user Orientation programme was conducted on 18th July 2016 in the University Auditorium for the new students. The programme was arranged in two phases: a) General information about the library: The topics covered are layout vis-à-vis facilities in the library building, sections opening hours, holdings, rules and regulations, special features and services, use of softwares, e- resources. b) Visits to the library: Guided tour to all the sections of the library
2. The 5th meeting of the Library Advisory Committee of Central University of Rajasthan held on Wednesday, 17th August 2016 s in the Conference Room (SP-IV), Central University of Rajasthan. The meeting will be chaired by Honourable Vice Chancellor, Central University of Rajasthan.
3. The library organized 5th National Conference of Institute of Scientometrics on "Scientometrics, Social Networking Media/Tools & Recent Trends in Library & Information Science" on 22-23th October 2016 at Seminar Hall, Central University of Rajasthan.

4. The library organized one day user training programme on ProQuest Dissertation & Thesis (Online) on 24th November 2016 at Seminar Hall for the benefit research community of CURaj.
5. Library organised one day Awareness Programme on "Scopus (Research Database), Mendeley (Reference Management Tool & Science Direct (Full text online journals)" on Tuesday 11th April 2017.
6. One day book exhibition was organized in coordination with the Apex Body of SPARSH of CURAJ on "Gender Sensitization" (a part of the SPARSH programme) on 12th April 2017 at library premises.

Hostel Facilities

Central University of Rajasthan provides hostel facility to all students in the campus. During the academic year 2016-17 students have taken admission in various courses of UG, PG and Ph.D. All of them have been allotted the hostel accommodation as per their request. At present there are 03 Girls Hostels (300 students' capacity in each hostel) which can accommodate more than 900 girl students and 3 Boys Hostels (450 students' capacity in each hostel) which can accommodate up to 1350 boys. The Ph.D. male students have been allotted accommodation in a separate building. All the hostel rooms are moderately furnished with cots, mattresses, table, chair, almirah and other electrical items like lights and fans.

To facilitate the functioning of hostels, each floor of every building is looked after by a warden. The following were the wardens of respective buildings in 2016-17:

S. No.	Name of Warden	Building No.
1	Dr. Mamata Khandal, Department of Hindi	01
2	Dr. Ruchi Malik, Department of Pharmacy	
3	Dr. Diksha Tripathi, Department of Microbiology	
4	Dr. Shaizy Ahmed, Department of Social Work	02
5	Dr. Ritu Singh, Department of EVS	
6	Dr. Sushila Kumari Soriya, Department of Commerce	04
7	Dr. Junali Deka, Department of CMS	
8	Dr. Hemlata Manglani, Department of Economics	05
9	Ms. Garima Jindal, DDU Kousal Kendra	
10	Dr. C. Jeevan Kumar, Department of PPLG	
11	Dr. Sanjay Kumar Patel, Department of Commerce	06
12	Mr. Ved Prakash, Department of English	
13	Dr. Muzzammil Hussain, Department of CSE	07
14	Dr. Rajeev M.M., Department of Social Work	
15	Dr. Alok Kumar, Department of EVS	
16	Dr. Ram Kishor, Department of Mathematics	
17	Mr. D.P. Negi, Department of Social Work	
18	Mr. Ravi Saharan, Department of CSE	07
19	Dr. Sanjay Kumar, Department of Statistics	

Prof. Vipin Kumar is the Chief Warden.

A Mega Mess facility is available for catering to approximately one thousand male students. At a time 500 male students can be supplied food. Apart from this, three other messes are functioning in the girls hostels for catering to female students. Each mess has a large dining hall with very good seating arrangements and is furnished with modern equipments for cooking, and proper utensils for serving and eating. Special care is taken to maintain the hygiene of the mess.



Six washing machines and dryers have been installed and are functioning at B-5 Building of boys' hostel which are exclusively used by male students. Similarly, six washing machines and dryers are functional at B-4 girls' hostel to be used by female students. In both the washing units, the laundry operators assist the students in operating the machines. This enables the students to save their time and maintain cleanliness of clothes.



LCD television is provided in the lounge area of each hostel. This facilitates the students for their recreation, sports and news and other activities. Further, in most of the hostel rooms LAN connections are available to access internet, which helps immensely in their studies. University wi-fi is also available in the campus and the students have been given passwords to access the internet. Hostels also provide newspapers like The Economic Times, The Times of India, DainikBhaskar, RajasthanPatrika to students.

University Guest House

The University commissioned its guesthouse during the period of reporting. University Guest House is a well-designed spacious 3-storeyed magnificent structure with a capacity of 70+ guests. Accommodation in the University Guest House is of different types-Single Room suite, Two-Room Suites and 3-room Suites. Most of the rooms are well-furnished with air-conditioning, Television set, refrigerator, geyser and other basic amenities. In coming years, University is planning to furnish all rooms. In order to maintain the occupancy rate, a part of the Guest House accommodates teaching faculty and officers. These teachers volunteer to help in management of the guesthouse as well as running a cooperative boarding facility. The Cooperative Mess caters to the boarding needs of university community in general. University has a robust policy for the guesthouse and experts, examiner, visitors and parents are accommodated in the guesthouse with different level of priorities. Thus the University Guest House has become an essential part of University Life. University plans to activate the Conference Room, Recreation Room and VIP Dining Hall in future.



Dr Praveen Sahu and Dr Alok Kumar are faculty in charge of University Guest House.

Health Centre

The University Health Centre started functioning from a separate two-storied building located within the campus at a convenient distance from hostels, quarters and academic buildings. The Health Centre is equipped with consulting rooms for medical officer and visiting specialists, dressing room, a medicine store and three wards with 6 beds for indoor patients. The Health Centre provides all types of basic treatments and emergency facilities. It has OPD, IPD, Fast-aid and referral facilities together with careful dealing with emergency health situation. The Health Centre is well-equipped with basic facilities such as ECG, sphygmomanometer, nebulizer, Oxy-



generator, wheel-chair stretcher, and Autoclave. Ambulance facility is available round the clock with a designated staff. An Advisory Committee consisting of senior teachers oversees the functioning of the Health Centre.

Dr C Mandal is the Chairman of the advisory Committee and Dr A Mittal is the Medical Officer.

Rajbhasha Cell

Central University of Rajasthan is doing continuous efforts for the promotion of Official Language. In view of the progress of Hindi, a Rajbhasha Cell has been constituted in the University in which a Hindi Officer & Hindi typist has been deputed. Departmental Rajbhasha Committee has been constituted in the chairmanship of Honb'le Vice-Chancellor for assessment of the use of Hindi in Official Works. Quarterly meeting of the committee is being organised to review the progress of Hindi works. Hindi Workshops are organised time to time to train the staffs to use Hindi in their official works. In addition, Hindi Pakhwara is also organised every year to promote Rajbhasha. In the year 2016-17, Hindi Pakhawara was organised during 09th to 23rd September, 2016. On this occasion various competitions like Hindi Essay Writing Competition, Noting and Drafting Competition, Hindi debate, Poster Presentation competition, Poem recitation competition, Extempore etc. were organised for the students and staffs of the University. Hindi Diwas was celebrated on 14th September, 2016 and ending ceremony was organised on 23rd September, 2016 in which prizes were distributed to the winners of the competitions.

Meanwhile, Mr. Om Kumar Karn has joined as a Hindi Officer of the University and taken the charge of Rajbhasha cell from Dr. Jitendra Kumar Singh, Officiating Hindi Officer & Assistant Professor, Hindi.



Student Support System

Equal Opportunity Cell

The primary objective of Equal Opportunity Cell is to create an inclusive atmosphere beyond the borders of differentiation. The Cell provides equal opportunities to SC, ST, OBC (non-creamy layer) Minority and differently-abled persons in higher education institutions. Some of the major functions of the Cell are:

- It provides counselling to SC, ST, OBC and Minority and differently-abled students regarding all types of courses they could study.
- It ensures admission of as many SC, ST, OBC and Minority and differently-abled students as possible through reservation as well as the open quota. This is done to uplift the candidates who come from the non-privileged sections of the society.
- The Cell looks after the educational needs of SC, ST, OBC and Minority and differently-abled students within the institution.
- It also conducts awareness programmes for teachers regarding the teaching and assessment methodologies when it comes to SC, ST, OBC and Minority and differently-abled students.
- The cell also monitors the aptitude of SC, ST, OBC and Minority and differently-abled students to meet the best results.
- The Cell arranges remedial classes for SC, ST, OBC and Minority and differently-abled students to improve their academic skills and linguistic proficiency.
- Under this Cell the details of different scholarships are made available on the University website from time to time.
- The cell also guides students for professional examinations.
- From time to time, the Cell also displays posters to give details regarding various facilities/schemes.

Dr. J.K. Prajapat is the Coordinator of Equal Opportunity Cell.

Anti-Ragging Committee

As per UGC regulations, Central University of Rajasthan has set up an Anti-Ragging Cell to curb the menace of ragging in Higher Educational Institutions. The university has set up an Anti-Ragging Squad too in order to sensitize students against ragging anyone. The committee ensures that the newly admitted students fill their anti-ragging undertaking at the earliest. The web links are provided to the students so that they can fill up their anti-ragging forms. The whole procedure is simple and self-explanatory so that students don't have to face any problem while filling up the details. Furthermore, the copies of undertaking are submitted to the Proctor Office for the purpose of record and database. The Anti-Ragging Committee also organizes various events on the University campus to help in creating a ragging free atmosphere wherein students can study and flourish without any strain. The Anti-ragging committee 2016-17 consists of the following members:

Prof. L. K. Sharma is the Convener/ Nodal Officer of the Anti-ragging Committee.

Special Cell for SC/ST

In line with the affirmative policy of Government of India, Central University of Rajasthan has resolved that the favorable policies, programs, schemes, facilities would be provided to the persons belonging to socially and economically weaker sections of the society under the SC/ST Cell. The university introduced the Cell as

per XII plan guidelines with a view to ensuring implementation of policies of the Government of India/UGC and the orders issued by such authorities from time to time for the betterment and upliftment of SC/ST students of the University.

Over the last one year, the SC/ST Cell has made web grievance portal available for the SC/ST students so that they can register their grievances and issues without a sense of hesitation. Moreover, the web portal facilitates in keeping a record of all complaints. The Cell has been an integral part of many activities on the campus such as monitoring coaching classes which are conducted in the university for SC/ST students. Moreover, the Cell has been maintaining the reservation roster for teaching as well as non-teaching fraternity. Furthermore, it also deals with the representations received from the SC/ST candidates regarding their admission, recruitment, promotion, and other similar matters. The SC/ST Cell exclusively looks after the work related to SC/ST matters with utmost honesty. The University SC/ST cell 2016-17 has the following constitution:

Dr. Suni G Naik is the Convener/Nodal Officer of Special Cell for ST/SC.

Grievance Redressal Cell

As per the University ordinance 28, a Grievance Redressal mechanism is evolved to provide an official forum for the acceptance, due consideration, proper enquiry and appropriate action regarding the complaints and petitions made by any member of the university. It has a three-stratum operational system that sets up separate platforms for each segment of the university work force and allows them to raise matter affecting them as individuals or the group. The three committees constituted annually for the purpose are meant for the students, teachers and non-teaching staff. It includes:

- Students Grievance Redressal Committee
- Teachers Grievances Committee
- Non-Teaching Staff Grievances Committee
- These committees have power to entertain written and signed complaint and probe the matter for a fair and thorough enquiry. They make recommendations and report to the concerned authorities for redressal.
- Prof. A. K. Gupta is the Chairman of Students Grievance Redressal Committee
- Prof. R.T. Pardasani is the Chairman of Teachers Grievances Committee
- Prof. Supriya Agarwal is the Chairman of Non-Teaching Staff Grievances Committee

Students' Council

As per the Statute 36 (1) (iii) the University constitutes a Students' Council in every academic year. It comprises 40 students including both the nominated and elected representatives in equal proportion from all the departments. Each department nominates one student who is directly elected from and by the enrolled students in the concerned department. Besides elected students, the Academic Council nominates 20 students on the basis of merit in studies, sports and extra-curricular activities. In the academic session 2016-17, Students' Council elections were held on 07 November 2016. Total 16 student representatives were elected from the 20 departments running under various schools and 20 more student representatives were nominated by the Academic Council.

Prof. S. N. Ambedkar, Dean Students Welfare oversees the activities of Students' Council.

Members of Students' Council 2016-17

1	Ms. Samriddhi Arora	2	Mr. Vikram Beda
3	Mr. Utkarsh Berwal	4	Ms. Garima Bhaskar
5	Ms. Hynamol C.R.	6	Ms. Bindu Choudhary
7	Ms. Sojo James	8	Mr. Arpit Katiyar
9	Mr. Ajay Kumar	10	Mr. Mohit Kumar
11	Mr. Rahul Kumar	12	Ms. SonuKumari
13	Ms. Komal Kumari	14	Mr. Keshav Kumar Meghawanshi
15	Ms. Divya Meena	16	Ms. Isha Mishra
17	Ms. Neha Mishra	18	Mr. Arman Mohanty
19	Mr. Vikas Kumar Nain	20	Ms. Madhavi Pachori
21	Mr. Suresh Prajapat	22	Mr. Balraj Kumar Prajapati
23	Mr. RinceRaju	24	Mr. Kshitij Singh Rathore
25	Mr. Devendra Kumar Saini	26	Mr. Siddharatha Sarkar
27	Ms. Hema Shekawat	28	Mr. Bhanwar Singh
29	Mr. Dasharath Singh	30	Mr. Manjeet Singh
31	Mr. Mukesh Sidh	32	Mr. Vishal Singh
33	Ms. Bhagavati Soni	34	Mr. Saifuddin Soz
35	Mr. Mukul Swami	36	Ms. Pooja Yadav

Anti-Sexual Harassment Committee

The Central University of Rajasthan has the anti-sexual harassment cell SPARSH (Sensitization, Prevention, and Redressal of Sexual Harassment) in the larger ambit of the university as a workplace. Established as per the Ordinance 21(Act Section 28 (n)), its two constituent bodies – the Apex Body of SPARSH (ABS) and the University Complaint Committee (UCC), specifically cater to the need of sensitization and redressal respectively. The ABS aims to create a healthy and safe environment through gender sensitization programs. It envisages a just and equitable society free from all kind of gender prejudices by organizing various awareness activities. The UCC works to prevent sexual harassment at University by providing the platform to lodge complain against any act that outrages the modesty of women. There is a well-laid-out (or something similar) mechanism for the redressal of complaints. SPARSH regularly monitors complaint boxes installed at appropriate locations for confidential intimation of undue incident to the cell and facilitating its immediate redressal. It also regularly manages Anti-Sexual Harassment Cell portal through University web-administrator.

Activities conducted by the SPARSH Cell (2016-17)

- Film Screening on 8 September 2016 as a part of gender sensitization campaign and to make the university community aware of various complex gender issues
- Debate Competition on the topic “To Create a Better Society, It is Essential to Empower Women” on 19 October 2016
- Quiz on 19 October 2016 to test the students' awareness about gender related practices, institutional arrangements for promoting gender justice and other gender related concerns



- Poster Making Competition on 15 November, 2016 and public display of the posters for spreading awareness and imparting message of gender equity.
- Intensive counselling sessions for girls/boys as and when required.
- Special lecture on 'Gender Sensitization: Why do We Need It?' delivered by Prof. Vindhya Undurti, Tata Institute of Social Sciences (TISS), Hyderabad on 20 February 2017
- One day Book Exhibition on 'Gender Sensitization' on 12 April 2017
- Prof. Supriya Agarwal is the Chairperson of Apex Body of SPARSH (ABS) and Dr. Shaizy Ahmed is the Chairperson of University Complaints Committee (UCC).



Distinguished Lecture Series

The Distinguished Lecture Series introduced at Central University of Rajasthan desires to bring public speakers of the highest calibre from the worlds of academia, business, art and culture and the civil society to our campus to share their thoughts and ideas. The purpose of the series is to provoke discussion and debate about a range of relevant topics and subjects of general interest keeping in view the theme of education and the motto of the University "Education for Sustainable Development". The lectures are also intended to be accessible to the general audience. We encourage attendance from across the wider University community.

In this series, following distinguished guests were invited in the year 2016-17:

Prof Vipin Gupta	<i>Using Design Thinking as Learning Tool</i>	7th September 2016
Dr K Subrahmanyam	<i>Value Education-the need for it and the how of it</i>	11th November 2016
Prof J P N Mishra	<i>Stress Management through Yoga and Meditation</i>	20th January 2017
Ambassador Rajiv Sikri	<i>India's Foreign Policy: Determinants Issues and Challenges</i>	13th February 2017
Prof Santanu Chaudhury	<i>Crossing the Barriers</i>	28th February 2017
Prof Shishir K Dube	<i>Climate Change and Extreme Weather Events in India</i>	23rd March 2017



Events

Third Convocation

The Third Convocation of the Central University of Rajasthan was held on 01st October, 2016. Honourable Chief Guest Dr. K. Kasturirangan, Chancellor, Jawaharlal Nehru University, New Delhi delivered the Convocation Address. Hon'able Dr. Sam Pitroda, Chancellor of the University, presided over the Convocation Ceremony. Members of the Executive Council, Academic Council and Court, distinguished invites, authorities, guests, media persons, faculty members, students and their parents and others witnessed the Ceremony. Honourable Vice Chancellor, Prof Arun K Pujari, presented the report on the occasion.



COE leads the Convocation Procession



Chief Guest presenting the Gold Medal

Before the Convocation, Honourable Chancellor interacted with the students. One of the Students presented a hand made Portrait to the Chancellor.



Students adorning Indian Dress



Chancellor with the Students

The University also adopted a new Academic Dress which was used for the first time in this convocation. Students adorned white dress and Uttaria of different colours as per their School.

Prof. Arun K Pujari, Vice Chancellor, while presenting the report stated, *“As a deviation from earlier practice, the University has now adopted Indian dress as the official academic dress of the Convocation. It not only adopts the*



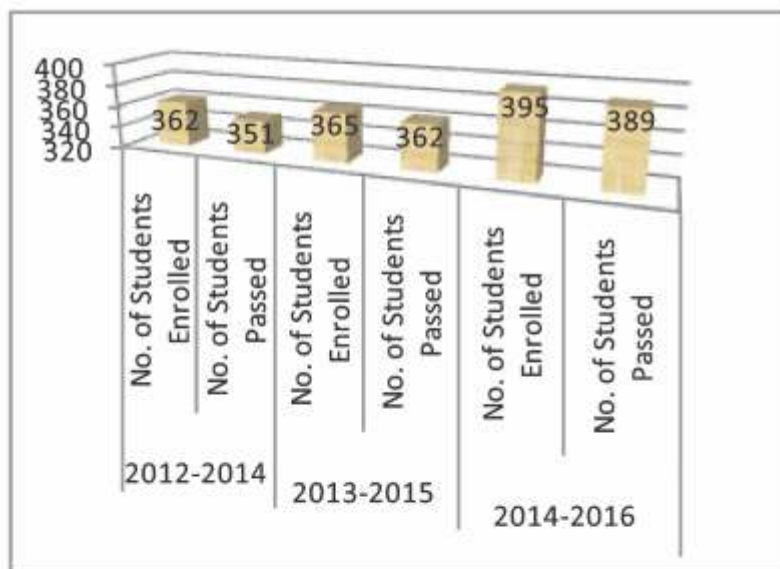
national tradition but also inculcates regional culture by involving/ employing local artisan in the preparation of the Academic Dress. Each Uttaria that is used here is dyed as well as printed locally."

A total of 1125 students (including 23 degrees of students who exercised their exit option from MSc Integrated Programme) of 3 batches (2012-14, 2013-15 and 2014-16), were conferred the degrees.

Chief guest gave away Gold medals and Degree certificates to 60 top rankers of respective batches. Out of 60, 43 Gold medals were received by Girls. Girls have outperformed boys at the Central University of Rajasthan in past three years.

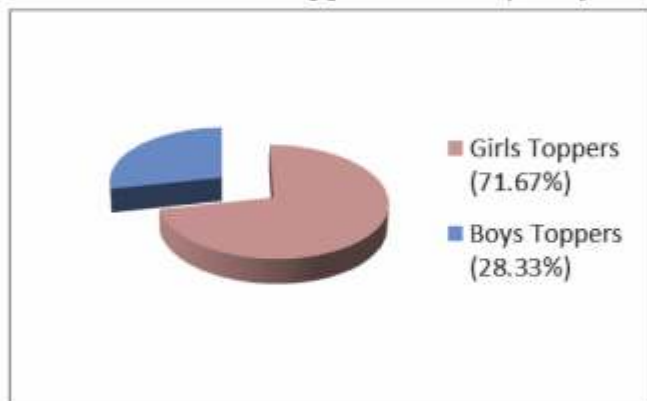
In department of Biotechnology, Chemistry, Computer Science & Engineering, Cultural Media & Studies, Economics, Management, Public Policy, Law & Governance, and Statistics, girls have outstripped continuously in all three batches.

Honourable Chancellor Pitroda appreciated the same and stated that **"I am pleased to see that amongst the gold medallists, most of them are girls and I am delighted to see this change in India."** He also said that the boys should accept this as a challenge and further strengthen their capabilities.



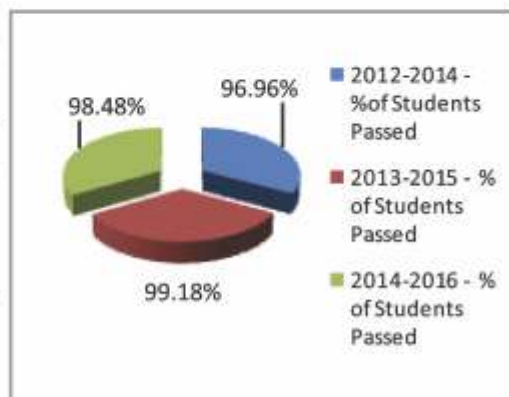
with the fountain of talents and creativity that is within you" and illustrated with a few examples about the exciting and challenging experiences of their space endeavour. He then called upon students, **"As you leave the portals of this institute today, remember to walk together, think together, and make a determination to take the nation ahead and overcome the challenges in life by the strength of your courage, character and knowledge. Make truth, acquiring knowledge and hard work your companion in life and success will belong to you."**

Performance of Toppers – Girls v/s Boys



While addressing the gathering, Chancellor Sam Pitroda said that **"In this rapidly changing world, we need to think out of the box and become the change agents. You need to be innovative, break the barriers and create new India."** He also mentioned that Central University of Rajasthan has shown remarkable progress till now and should continue to focus on the policy of expansion, excellence and equity.

Dr. K Kasturirangan, Honourable Chief Guest, called upon students, **"You should be prepared to face the rigors, excitements and uncertainties all the way. Beat the fatigue**



Cultural Activities

For the comprehensive and holistic development of the students and also to keep the environment of the campus vibrant and pulsating, the University organizes several cultural events round the year. The following are some of the programs held during the academic year 2016-17.

• Induction Day

In accordance to the trend of the University, an Induction program for the newly admitted students is organized in the commencement of the session. The students and their parents/guardians are officially briefed about various aspects of the University, followed by a Cultural program. This year the Induction Day was held on July 18, 2016. Dr. Rekha Thakar and her co-artists enthralled the audience with their Kathak dance and Dr. Rajneesh Charan graced the occasion with his Ghazal performance.



• Independence Day

The 70th Independence Day was celebrated with great fervor at the Campus. The Hon'ble Vice Chancellor, Prof. Arun K Pujari initiated the program by hoisting the flag and delivering the message. It was followed by a short cultural presentation by the University students and also by the young talents of the Day Care Centre.



• Republic Day

The Hon'ble Vice Chancellor, Prof. Arun K Pujari commenced the celebration of the 68th Republic Day program by hoisting the flag and delivering the Republic Day speech. The students of the University as well as the Day Care Centre participated enthusiastically in various events such as dance, music, skit etc.



• Foundation Day

Commemorating the establishment of the University is one of the significant days in the chain of celebrations. The 9th Foundation Day ceremony of Central University of Rajasthan was organized on 3rd March, 2017 with the Bollywood celebrity and Social Activist, Ms. Dia Mirza as the Chief Guest. She discussed her views on the issues related to environment and shared her experiences of life, and also about working closely with the campaigns to preserve Nature.

The function began with felicitating the students who had received National and West Zone level recognitions and awards of excellence. To conclude the ceremony, a cultural program was presented by the students and faculty members



• International Women's Day

The International Women's Day was organized on 8th March, 2017 in the University. IPS Ms. Malini Agarwal, Inspector General of Police, Ajmer and Madam Usha Chandrasekhar, Member (operations) Postal Boards, Bengaluru graced the occasion as the Chief Guest and the Guest of Honour, respectively. The interactive session was followed by a cultural presentation by the students. Suchasmita and group (UG students) presented a dance on the theme of Women Empowerment.

• Rajasthan Day

30th March, 2017 was celebrated as Rajasthan Day. The program was a mélange of Rajasthani folk music, various dance styles of Rajasthan (Kalbelia, Manjeera, Ghoomer), and a skit on the problems of rural Rajasthan highlighting the issues of girl child and early marriages. The active participation of the students contributed in making the function a success.

Besides celebrating the above mentioned days, the liveliness of the University is also kept alive with some other cultural activities. These not only give exposure to the students to various artistic avenues but also provide them a platform to enhance and polish their talents. The candid interactions with the professionals motivate and instill self confidence in the students.



• Dance Workshop

A five-day dance workshop was conducted from 26-30 July, 2016. The renowned choreographer Shri Saswat Joshi trained the students in Classical and Contemporary Styles. The event witnessed active participation by the students and the workshop concluded with a fashion show by the students.



• Cultural Eve on NAAC visit

A cultural eve was organized during the NAAC visit on 22nd August, 2016. Representing the theme of Indian Culture and Diversity, students performed regional and folk dances and also musical rendition of various states of India.



• SPIC MACAY programme by Vishal Krishna

A SPIC MACAY programme was organized on 22nd September, 2016. The renowned artist Vishal Krishna performed Kathak dance and demonstrated various forms of the style.

• SPIC MACAY programme by Uma Satyanarayan

The famous artist Uma Satyanarayan performed Bharatnatyam dance as a part of the SPIC MACAY programme organized on 22nd April, 2017.

Moving outside the campus, the students have brought laurels to the University with their active participation in various events.

• West Zone Youth Festival 2016-17

The students participated in the 32nd West Zone Youth Festival (6 – 10 January, 2017) sponsored by the Association of Indian Universities, New Delhi, held at Ganpat University, Mehsana, Gujarat. The two team managers, Dr. Ved Prakash and Ar. Garima Jindal led the team of 32 contingents. The students participated in events like Dance, Drama, Music and Fine Arts. Khushbu and group performed the Kalbelia dance; Turban

Bera, Neena Chatterjee, Bodhisatva and Ishan Sinha performed Indian Classical, Folk Group Song and Light Vocal Solo.

Suresh Godara (Mathematics), Debargheya Mitra (Bio-Chemistry) and Ishan Sinha (Chemistry) participated in Quiz and secured third position; Kalika Prasad, Neetu Meena, Munesh Kumari (Mathematics) and Deepanshu Lakhwan (Economics) participated in installation event and received third position. Both the teams were selected for Nationals to compete further.



• National Youth Festival 2016-17

Dr. Hemlata Manglani led the team of seven students in the Association of Indian Universities, New Delhi, sponsored 32nd National Youth Festival 2016-17 organized at Shivaji University, Kolhapur from 10 – 14 February, 2017. A team of three students Suresh Godara (Mathematics), Debargheya Mitra (Bio-Chemistry) and Ishan Sinha (Chemistry) participated in Quiz and a team of four students Kalika Prasad, Neetu Meena, Munesh Kumari (Mathematics) and Deepanshu Lakhwan (Economics) participated in installation event.



Sports Activities

The University has well-equipped sports facilities and large number of students participate in various sports activities. The University has constituted coordinating committees for each sport-stream. University conducts sports events as tournaments and leagues. The university also prepares its team to represent in inter-university, inter-zone sports competitions. This year, 77 students participated in 10 events of west zone inter-university competition.



NSS Activites

Curaj has Organized Vanmahotsav or Plantation Activity in Curaj On 15th August 2016. Plantation was done in nearby area of Architecture Block and University Pond. About 50 NSS Volunteers Actively Participated also organized the NSS special camp on "A step for making New India with Waste and water management & Cashless Economy" from December 12th to 16th 2016.



On December 12th 2016, Orientation and Inauguration of the camp was organized. Dr. Rajesh Sharma, Director Nehru Study Centre, University of Rajasthan was the Invited Speaker who delivered the lecture revealing the importance of Cashless society and the role of youth for making the same possible. Prof. Arun K. Pujari Hon'ble Vice-chancellor has presided over the session. Prof. S.N. Ambedkar, Dean Student Welfare has also graced the occasion with his valuable presence. Dr. J.K. Prajapat, NSS Chair introduced the camp schedule and objectives. Camp was held in campus along with three nearby villages Bandarsindri, Nohriya and Ladhera. Dr. Hemlata Manglani, Convener NSS, delivered the NSS introduction and importance to all volunteers. Camp was inaugurated by dignitaries with watering the plants.

Poster competition on Cashless Economy and Waste management was organized during the camp. A yoga session was also held in the camp.



NSS Volunteers participated in awareness rally in nearby villages for making the villagers aware about the cashless transactions and the digital security.

NSS Volunteers have participated in schools of nearby villages Nohriya, Bandarsindri and Ladhera for making the school students and teachers aware about the cashless transactions, its incentives and digital security. They were also educated about organic and inorganic waste and its management. School students were encouraged to contribute to make the village and their households aware about the cashless economy and cleanliness. NSS Volunteers did survey in the shopping Plazas of the campus including cooperative store, canteen, Mess, stationary, and Laundry shops and also visited nearby market of villages for making the sellers aware about cashless transactions. Market sellers, students, households, were surveyed through a questionnaire to know that how many people do embrace the cashless economy and use cashless instruments.



An awareness camp was organized at Kishangarh market to orient the sellers about the various modes of payment through cashless instruments.

Display of Videos: To get aware university students, certain videos on cashless transaction were displayed for few days at the university mess during dinner time and at shopping complex during night time.

A one day workshop on Cashless Transactions was organized on 8th January 2017 at the university for the students, faculties, staff, sellers of university shopping complex, nearby school & college students and teachers. 230 participants were registered for the workshop. The Hon'ble Vice chancellor's inaugurated workshop with an opening remarks on cashless economy and university efforts for making the campus cashless. Shree B.M. Agarwal, SBBJ Jaipur and Shree Kunal Rahar, RBI Jaipur discussed the importance of Cashless system, its impact on the economy, and its various incentives.



NSS Curaj Organized Youth Week from January 12th to 16th 2017 and organized. Blood Donation Camp, Debate and Essay Competition. Blood Donation camp was organized on January 12th 2017 and around 150 students registered for the same.

NSS Annual Day was organized on 31st March 2017. Hon'ble Vice Chancellor Was The Chief Guest Of The Event And Distributed Prizes To NSS Volunteers. Best NSS Volunteer Girl and boy were awarded to Ms. Monica (Chemistry) and Mr. Sachin Sachdeva (Statistics) respectively for their active contribution towards Social Service. NSS volunteers Ekta Kumari (Economics), Shivani Singh (Chemistry) and Yashwant Singh was selected for Pre-Rd Camp 2017.

Participation in national integration camp

Students of NSS CURAJ participated in National Integration Camp held at Bagalkot, Karnataka. Dr. Pramod Kumar Naik as a team manager/program officer accompanied the NSS students. The duration of the camp was 20th to 26th March 2017.



Ms. Chandan Dubey (Dept. of Economics) has received Best NSS Volunteer Award at NIC Karnataka. She has also secured second and Third positions in Mono Acting and Singing competitions during the camp. Ms. Shanu Jajra (Dept. of Economics) has also achieved the third position in Dance Competition during the camp.

International Affairs

The International Affairs Division of Central University of Rajasthan is established with a view to specially attend to the needs of international students. Besides attending to specific requirements of existing international students, it also aims at planning to increase international enrolment. The Central University of Rajasthan offers admission to foreign national in several modes. Students apply to this university through ICCR. Any student can also apply directly to this university for admission and is not required to appear the entrance examination of the university. Students from Egypt, Nepal, Namibia and Tanzania are currently enrolled in this university. The University is well-equipped to house international students. University Guest-House is wi-fi enabled.

Professor Manish Shrimali is Director, International Affairs of the University.

ICT Division

The main aim of ICT cell is to provide high-quality reliable ICT infrastructure to the university community. Under the scheme of NMEICT, the University has 1-Gbps highspeed dedicated NKN link, 16 public IPV4 addresses to enable NKN services to students. A-view classroom facility for online courses.

A grant of Rs 4.43 crores is obtained from the Ministry of Human Resource Development for campus wide wi-fi. The Central University of Rajasthan is the first university to complete the wi-fi project and the campus wide wi-fi is in place at present.

The ICT Cell maintains the website of the university and uploads information and notification as released time to time. The ICT Cell undertakes developmental activities under E-governance initiative of the University. The ICT cell also supports audio-visual equipment and video-conferencing sessions of the University.

Dr A Nagaraju is faculty in-charge of ICT Cell.

CUCET-2017

CUCET, Central University Common Entrance Test, is a joint entrance examination for admission to various courses of a consortium of 10 central universities. Central University of Rajasthan coordinates this nationwide test. CUCET invites online application from the prospective candidate from mid-March every year. A candidate, in a single application, can apply three of the participating universities and further, three programmes in each of the chosen three universities. It also provides facilities for “add-on” where student can add more courses by adding another application form. Thus CUCET provides a common platform for students to apply to multiple universities and multiple courses. While filling up online application, candidate gives option of test-centres. The number of examination centres is increasing every year. Admit cards are generated automatically and uploaded to enable candidates to know the examinations and the test-centres. The examination is a face-to-face multiple choice objective type examinations. All the examinations are held in two days. The process of evaluation and the preparation of merit list is entirely automated, timely, flaw-less and transparent.

The activities of CUCET-2016 and that of CUCET-2017 fall within the reporting period of this annual report. The participating universities of CUCET-2016 are Central University of Kashmir, Central University of Jammu, Central University of Punjab, Central University of Haryana, Central University of Rajasthan, Central University of Jharkhand, Central University of Karnataka, Central University of Tamilnadu, and Central University of Kerala. During CUCET-2017, Central University of South Bihar also joined the consortium.

There were 78726 candidates with 130344 examinees in CUCET-2017. A total 98617 examination papers were evaluated. CUCET-2017 was held at 92 test centres including centres at Leh and Kargil. There were 15 types of OMR sheets accommodating 115 question papers.

CUCET is a joint effort of participating central universities and is currently coordinated by Central University of Rajasthan. It is a novel initiative benefiting both the students as well as the universities.

Prof R T Pardasani worked as National Coordinator of CUCET-2017.

Unnat Bharat Abhiyaan

Unnat Bharat Abhiyaan is an initiative of Ministry of Human Resource Development (MHRD), Department of Higher Education. Being a Knowledge and Higher Education Institutions; CURAJ have adopted five villages within its vicinity to use knowledge based solutions for the issues of basic amenities and livelihood opportunities faced by the rural communities and thereby help in bringing about a qualitative change in the economic and living standard of people. As a part of Tripartite memorandum of understanding among the Ministry of Ministry of Human Resource Development (MHRD), Ministry of Rural Development and Ministry of Panchayat Raj, CURAJ is committed for the convergence of efforts of these three ministries that would bring substantial positive improvements in the formulation and delivery of development schemes.

As a pre-requisite of the process, five villages have been identified in the first phase from the vicinity of CURAJ. These villages are Bandarsindari, Kheda, Mundoti, Nohriya, Pedibhata and Faloda. All these five villages are declared as open defecation free villages by the district administration, and university feels proud to record its contribution in all these villages in terms of awareness rallies, behavior change communication tactics, social survey and other developmental work.

The translated objectives for the initial phase of UBA are as follows.

- To promote and transform the University Motto, 'Education for Sustainable Development'.
- To develop an interface between nearby communities and university to disseminate the spirit of positive development.
- To create a positive atmosphere in the villages where the prevailing social problems can be alleviated and lead community towards positive social development.
- To engage and entertain the vulnerable section of the communities, including women, children, elderly and disabled into the mainstream.
- To liaison with Government Institutions, development organizations, NGO's and Corporate partners for the integrated development of the villages.

Still so far five libraries, youth groups, adolescent girl children group have been developed. University is striving to make nearby Mundoti Village as an ideal village in collaborative efforts with Ajmer district administration. A model pond, memorial garden, internal road, community library, vibrant youth group are the bench mark achievements in Mundoti Village under the UBA activities. The details of UBA can be traced through the web-site, unnat.iitd.ac.in



Community Development Cell

The Community Development Cell(CDC) of Central University of Rajasthan was established in April 2015, as per the direction received from the Human Resource Ministry, Government of India. The five villages, Sirohi, Mundoti, Khera, Bandarsindri and Nohriya have been adopted as model villages in the vicinity of University for holistic development. The University has assigned this responsibility to the department of Social Work. Since its inception, the CDC is working for alleviating the prevailing social problems of the rural residents with the promotion of education and development through different interventional strategies. With its focus on the areas like health and sanitation, women empowerment, youth development and education, this Cell aims to bring significant changes in the social life of rural people.

Keeping these objectives in mind, the Cell organized several activities during the year 2016-17. Some of these are as follows:

1. **Drug Awareness Camp:** CDC conducted a drug awareness program in the selected villages in collaboration with the department of Pharmaceutical Science. The purpose of the camp was to make the local residents aware about drugs and their usage. The awareness was spread through oral presentation and demonstration and also by distributing pamphlets. The local residents participated in the camp with lot of zeal and interest.
2. **Activities with the Adolescent girls and Children:** Various sessions and activities related to the importance of education, self-defense, health and hygiene, etc were carried out in the villages as one of the aims of the Community Development Cell.
3. **Sanitation and Health Awareness Programme:** Many programmes pertaining to health and sanitation were organized in the villages. In this direction, a health camp was conducted in Sirohi village to create awareness amongst the local residents.
4. **Youth Development:** The Cell has also formed several youth clubs in the villages for the overall development of youth. Sports and recreational activities along with some educational programmes like orientation for career etc are regular features of the clubs.

Besides these activities, the Community Development Cell is also engaged in forging a connection between the local artisans and the global market by promoting the indigenous handicrafts.





Schools and Departments



Dean: Ar. Ritu B Rai

The School of Architecture envisions becoming a Centre of excellence and an important hub of knowledge exchange on all matters related to sustainable development. The School is committed to regenerative architecture and aims to develop a repository of knowledge documenting historical and traditional wisdom of the community in hot arid desert region. The focus area for the school is Waste, Water, Energy, and Human Productivity through sustainable architecture. The School envisions developing unique capacity building programs for continued education of teachers and professionals. Job oriented vocational education and skill development courses are initiated in specialized fields.

Departments
• Department of Architecture

Department of Architecture

Head: Ar. Ritu B Rai

The Department of Architecture presently offering Masters in Sustainable Architecture focuses on ecology and environmental management, historical and community perspective, sustainable neighborhood planning, watershed management, waste management, renewable energy technologies, building simulation, acoustics, thermal comfort, project management and traditional and modern building technologies, to address the contemporary challenges in the field of Interiors, Architecture, Urban Design and Urban Planning.

Program Offered

- **M. Arch.** Sustainable Architecture

Faculty

Name	Designation	Area of Specialization
Prof. Neeraj Gupta	Professor	Architecture, Town Planning, Interior Design
Ar. Ritu B Rai	Associate Professor	Urban Design, Architecture, Interior Design
Ar. Vivekanand Tiwari	Assistant Professor	Environmental Planning, Architecture, Water Management
Ar. Sunil Sharma	Assistant Professor	City Planning, Architecture

Academic Activities

1. Expert lecture/Seminar/Visit

Prof. Alok Ranjan	Professor, Department of Architecture, MNIT Jaipur <i>Sustainable Design Process</i>	12/05/2017
Ar. A. K. Gupta	Chief Town Planner (Rtd.), Government of Rajasthan <i>Sustainable Large Area Development</i>	12/05/2017

Ar. S. C. Mahagaonkar	Chief Town Planner (Rtd.), Government of Rajasthan <i>Statutory regulations for Commercial Projects in Jaipur</i>	12/05/2017
Er. Sudhir Mathur	MEP Consultant, Jaipur <i>Mechanical Electrical and Plumbing Services for Housing and Offices</i>	23/03/2017
Ankur Gupta	Fire Fighting Consultant Jaipur <i>Fire Fighting System</i>	22/02/2017
Ar. Sathya Prakash Varanashi	Sathya Consultant Bangaluru <i>Practicing Sustainable Practices</i>	16/01/2017
Ar. Usha Kshana	Chief Architect (Rtd.), Public Works Department, Government of Rajasthan <i>Sustainable Design solutions for Institutional Projects</i>	11/12/2016
Ar. N. K. Khare	Chief Town Planner (Rtd.), Government of Rajasthan <i>Conservation of Built Heritage and Sustainable Planning</i>	11/12/2016
Ar. Mukul Goyal	Senior Landscape Architect, VishArch Associates, Jaipur <i>Sustainable Landscape Development for Corporate offices</i>	11/12/2016
Ar. Kalpak Pandit	Associate Professor, Department of Architecture, MNIT Jaipur <i>Research Methodology for Masters Dissertation</i>	02/12/2016
Ar. Abhijit Rastogi	Assistant Professor, Department of Building Engineering Management, SPA Delhi <i>Building Energy Simulation</i>	08/11/2016 – 11/11/2016
Prof. Nilkanth Shinde	Professor, Shivaji University Kolhapur <i>Technologies for Renewable Energy</i>	26/09/2016 – 30/09/2016 & 19/10/2016- 23/10/2016
Ar. Pushpak Pandit	Senior Urban Designer, AAKalpan Architects, Jaipur <i>Sustainable Urban Design Context and Application</i>	05/10/2016
Ar. Sangeeta Maithil	Maithil and Associates, Jaipur <i>Development of Sustainable and Affordable Housing</i>	05/10/2016
Ar. Chaitali Basu	Assistant Professor, Department of Building Engineering Management, SPA Delhi <i>Climate responsive urban morphology</i>	15/09/2016
Prof. Virendra K Paul	Professor, Department of Building Engineering Management, SPA Delhi <i>Sustainable Building Services and Project Management</i>	14/09/2016 & 15/09/2016
B. M. Chandna	Fire Fighting Services for Housing and Offices <i>Departmental Visit</i>	13/03/2017

2. Conference/ Workshop/Symposium organized

Three Day Joint Studio workshop on “Sustainable Design” in collaboration with SPA New Delhi was organized at national level from 14th - 16th September 2016.

3. Other Academic Activities

- Ar. Ritu B Rai and Ar. Vivekanand Tiwari organized Case Study of Infosys Corporate office at Jaipur on 3rd May 2017.
- Prof. Neeraj Gupta organized Ar. Mahesh Paliwal Presentation of Sustainable Landscape Design at MNIT Jaipur on 23rd March 2017.
- Prof. Neeraj Gupta organized a seminar on Building Information System at Lemon Tree Hotel, Jaipur on 18th February 2017.
- Prof. Nilkanth Shinde and Ar. Vivekanand Tiwari organized a Case Study of Solar PV Installation at Barefoot College Tiloniya, Ajmer on 28th Sept 2016.
- Ar. Ritu B Rai and Ar. Vivekanand Tiwari organized a Case Study of International Airport (under construction) at Kishangarh, Ajmer on 15th Sept 2016.
- Ar. Sunil Sharma organized a One Day Joint Design Workshop in collaboration with SPA New Delhi and MNIT Jaipur on 5th August 2016.

Awards/Achievements

A) Students

Event: COGNIZANCE 2017, IIT ROORKEE

- **Paper Presentation:** Rajshree Dafe, Praveen Jangid, Prashant Sharma
IDEAZ -WRDM: Irrigation Management for Food Security (**2nd Prize**)
IDEAZ-B: Sustainable Temporary Shelter (Participation Certificate)
- Rajshree Dafe - 3D Modelling in software (**1st Prize**)
- Prashant Sharma, Rajshree Dafe, Praveen Jangid, Amit Kumar Singh, Kush Sexena- Bamboo tech (**3rd Prize**)

Deen Dayal Upadhyaya KAUSHAL Kendra

(Knowledge Acquisition & Upgradation of Skilled Human Abilities & Livelihood)

Director: Prof. Neeraj Gupta

In August 2015 the University also received approval to establish DDU KAUSHAL Kendra with a sanction of Rs. 3.7 crores. Presently the DDU-KK is functional under the School of Architecture of the University. Students of the first two batches of B.Voc. (Interior Design) programme have completed their programme and are scheduled to receive the degree certificates in the forthcoming convocation in November 2017.

Program(s) offered

Besides, short term training courses, presently the DDUKK offers B. Voc. (Interior Design) programme. This is a three years (six semesters) programme with multiple entry and exit option. The modular structure of the programme allows a student to pass out with a set of skills and certificate. The certificates awarded by the university are:

1. On successful completion of one year's programme: Diploma in Interior Design
2. On successful completion of two years' programme: Advanced Diploma in Interior Design
3. On successful completion of three years' programme: B.Voc. (Interior Design)

Faculty

Name	Designation	Area of Specialization
Prof. Neeraj Gupta	Professor	Architecture, Town Planning, Interior Design
Ar. Ritu B Rai	Associate Professor	Urban Design, Architecture, Interior Design
Ar. Vivekanand Tiwari	Assistant Professor	Environmental Planning, Architecture, Water Management
Ar. Sunil Sharma	Assistant Professor	City Planning, Architecture

Academic Activities

1. Visiting Faculty / Resource Persons from Industry and Trade

Mr. Lokesh Kaushik	Executive Engineer, CPWD <i>Sustainable Design Process</i>	Two days per Week
Mr. Dhananjay Singh	Professional Artist <i>Art and Drawing</i>	Two days per Week
Mr. Kalpathy V Murali	Training Manager, <i>Acoustics and False ceilings</i>	22-24/09/2016
Mr. Mahipal Saha	Armstrong World Industries (India) Pvt. Ltd. <i>Trainer</i>	16-18/11/2016
Mr. Arun Kale	Armstrong World Industries (India) Pvt. Ltd. <i>Trainer</i>	16-18/11/2016

Mr. Mahesh Sapre	Armstrong World Industries (India) Pvt. Ltd. <i>Trainer</i>	16-18/11/2016
Ar. Pulkit Rana	Practicing Architect <i>Materials in Interior Design</i>	4/11/2016 & 24/03/2017
Ar. Jethva Mehul Mansukhbhai	Practicing Architect <i>Cost and Estimation</i>	Two days per Week
Ar. Rananjai Singh	Practicing Architect <i>Residential interiors</i>	Two days per Week
Ar. Satish Kumar Kumawat	Practicing Architect <i>Cost and Estimation</i>	Two days per Week
Ar. Radhika Chandorikar	Practicing Architect <i>Interiors</i>	Two days per Week
Ar. Ajay Sharma	Practicing Architect <i>BOQ</i>	04/11/2016
Er. Sudheer Mathur	MEP Consultant, Jaipur <i>Mechanical Electrical and Plumbing Services for Housing and Offices</i>	22/08/2016
Mr. Giriraj Singh	IAS, Ajmer	24/09/2016
Mr. Subash Inamdar	Armstrong World Industries (India) Pvt. Ltd. <i>Acoustics</i>	22-24/09/2016
Mr. Naresh Duble	Head – Field Marketing Development & Training - Armstrong <i>Acoustics and Ceilings</i>	22-24/09/2016

2. Conference/ Workshop/Symposium organized

- Armstrong Workshop from 22nd - 24th September 2016
- Armstrong Workshop from 16th -18th November 2016
- Winter course of four weeks' skill development course on 'Modular Ceiling Installations' was organized at the Resource Centre 2016 as a part of the commitment of the University to support PMKVY programme 16/11/2016-16/12/2017

3. Other academic activities (Educational Tour, Academic celebrations)

- Visit of Mr. Stephen Smith, VP, Global Commercial Excellence, Armstrong, Prof. Neeraj Gupta on 21st April 2016.
- Celebration of Guru- Utsav with cultural activities Students on 5th September 2016
- Students visit to Stone Mart Exhibition at Jaipur Ar. Garima Jindal from 02nd - 3rd February 2017.
- Students visit to Birla International School Ar. Garima Jindal 18th August 2016.

- Students visit to Mayo College, Ajmer Ar. Garima Jindal 15th September 2017.
- Students visit to Fantasy Interiors, Armstrong site visit Prof. Neeraj Gupta /Ar. Garima Jindal on 25th September 2016.
- Mundoti Village Ar. Garima Jindal 12/8/2016, 9/9/2016, 7/10/2017

4. Extracurricular activities

- Games and sports: Students of DDUKK actively participated in various cultural & sports events organized by the university. Few students also participated in the 32nd West Zone competition in January 2016. Three students of B. Voc Participated in the Taekwondo.

5. Infrastructure/ Labs Established:

- Canon EOS 1300D were purchased to establish photography workshop for the vocational students as a part of their curriculum.



Mr. Stephen Smith, CURAJ faculties and students



Guests for the Armstrong workshop

School of Chemical Sciences and Pharmacy

Dean: Dr. Sunil G. Naik

The School of Chemical Sciences and Pharmacy hosts two departments viz. Department of Chemistry and Department of Pharmacy, where both the departments are being supported by Department of Science and Technology, under Fund for Improvement of Science and Technology Infrastructure (DST-FIST). The School has the aim to disseminate quality education in both the disciplines and execute research in the allied fields. The School bridges one pure science with the other applied science, meanwhile promotes interdisciplinary research and caters relevant courses for the industry, the common stakeholder of the School produce.

Departments

- Department of Chemistry
- Department of Pharmacy

Department of Chemistry

Head: Dr. Sunil G. Naik

The Department of Chemistry was established in year 2010 and started offering M.Sc. in General Chemistry with a special emphasis on the adaptation of the greener methods in the Chemistry. Later on, two more programs i.e., Integrated M.Sc. (5Y) in 2013, with an aim of training the students from B.Sc. level, and Integrated M.Sc. B.Ed. (3Y) in 2015 with a motto of agglomerating the chemistry and education components were started. The Ph.D. program in Chemistry was also started in 2012 with an aim to train the students with basic and cutting-edge research protocols. The department contains the Faculty members that have obtained Ph.D. degrees in renowned institutes in India and abroad. The department is funded by DST-FIST and also by various funding agencies such as CSIR, DST, UGC, etc.

Programs offered

- Ph.D. in Chemistry
- M.Sc. Chemistry
- Integrated M.Sc. Chemistry
- Integrated M.Sc. Chemistry with B. Ed.

Faculty

Name	Designation	Area of Specialization
Prof. R. T. Pardasani	Professor	Organic Chemistry
Late. Dr. Sunil G. Naik	Assistant Professor	Inorganic Chemistry
Dr. Raghu Chitta	Assistant Professor	Inorganic Chemistry
Dr. Easwar Srinivasan	Assistant Professor	Organic Chemistry
Dr. M. Bhanuchandra	Assistant Professor	Organic Chemistry
Dr. Anuj K. Sharma	Assistant Professor	Inorganic Chemistry
Dr. Thirumoorthi R.	Assistant Professor	Inorganic Chemistry
Dr. Partha Roy	Assistant Professor	Physical Chemistry
Dr. Chandrakanta Dash	Assistant Professor (UGC -FRP)	Inorganic Chemistry

Academic Activities

1. Expert lecture/Seminar/Visit

Prof. Pierre Dixneuf	Professor, UMR 6226-CNRS-Université de Rennes1 Sciences Chimiques de Rennes, Campus de Beaulieu Avenue du général Leclerc, France <i>Ruthenium(II) catalyzed C-H bond functionalisations</i>	29/11/2016
Prof. Anindya Date	Indian Institute of Technology, Bombay, India <i>Elucidation of excited state dynamics of Schiff bases and aminoquinolines</i>	10/11/2016

2. Workshop/Specialized course organized

- Department has coordinated to organized DST-INSPIRE Camp from 14th-18th December 2016.
- Department has organized GIAN Course on Bioinorganic Chemistry from 5th-9th December 2016.

3. Other Academic Activities

- Department has celebrated Science Day on 28th February 2017.

4. Extramural funding received

- Department of Science and Technology, Government of India sanctioned Rs. 70.5 lakhs under DST-FIST (Level 1 category) program for a period of five years (2016- 2021).
- Department have various ongoing extramural funded projects of Rs. 249.90 lakhs from different agencies of Government of India such as DST, CSIR, UGC and BRNS-DAE

5. Equipment/Facility procured

- Rotary Evaporator
- CHN Analyzer
- Ocean Optics

Awards/Achievements

Dr. Raghu Chitta received the DAAD Academic Exchange Fellowship and visited RWTH Aachen, Germany from 16th May to 15th July 2016.



DST INSPIRE camp



DST INSPIRE camp

Head: Dr. Vipin Kumar

The Department of Pharmacy was established in year 2012 with one AICTE approved course of M. Pharm in Pharmaceutical Chemistry with an aim to impart quality education in the relevant field and train the students for novel research protocols. The Department has dedication to excel in the pharmaceutical domain and establishing itself on numerous fronts in this short span of time. The pass outs have been successfully placed in various government and industrial houses, just after their course completion.

Programs Offered

- Ph. D. in Pharmacy
- M. Pharm. Pharmaceutical Chemistry
- M. Pharm. Pharmaceutics

Faculty

Name	Designation	Area of Specialization
Dr Vipin Kumar	Associate Professor	Medicinal Chemistry
Dr Devesh M Sawant	Assistant Professor	Medicinal Chemistry
Dr Ruchi Malik	Assistant Professor	Medicinal Chemistry
Dr Umesh Gupta	Assistant Professor	Pharmaceutics
Dr Kaisar Raza	Assistant Professor	Pharmaceutics

Academic Activities

Equipment/ Facility procured

- Microcentrifuge
- Muffle Furnance
- Vortex Shaker
- Ultrasonic Bath
- Ultracentifuge
- CO₂ Cylinder with high pressure regulator
- Binocular Microscope
- Deep Freezer
- Vacuum Oven
- Orbital Shaker
- Fluorescent Microscope
- Lyophilizer
- Incubator

Extramural funding received:

- Department of Science and Technology, Government of India sanctioned Rs. 61 lakhs under DST-FIST (Level 1 category) program for a period of five years (2016- 2021).
- Various extramural funded-projects of Rs. 156.88 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST-SERB etc.

Awards/Achievements

Dr. Umesh Gupta received the DAAD Academic Exchange Fellowship and visited Germany 16th May to 15th July 2017.

Pramod Kumar (PhD Scholar) got Best Presentation Award at International Brain Research Organization, Malaysia.

Avinash Gothwal (PhD Scholar) got Rajiv Gandhi National Fellowship.

Anupama Singh (M. Pharm. Scholar) got Best Poster Award at DST-Rajasthan sponsored national conference.

Extracurricular activities

The Pharmazest Club of the Department organized “Drug Awareness Camp” in the villages near to Central University of Rajasthan in collaboration with Department of Social Work to mark “The World Pharmacist Day” in September 2016.



Interaction with Eminent Pharmaceutical Scientist Prof. Bhupinder Singh Bhoop



Drug Awareness Camp at Nukkad, Naloo Village

Head: Dr. Maithili R.P. Singh

Established in 2010, the Department of Management offers MBA with specialization in three streams – Finance, Human Resource Management and Marketing. Every year, 30 students join the program, from diverse backgrounds, states, culture and language. The Faculty of the Department imparts high-quality management education through rigorous academic inputs, international training programs (such as GIAN) and educational tours. The strong research orientation of the Faculty is reflected through sponsored research projects and doctoral research.

Programs offered

- Ph.D. in Management
- M.B.A.

Faculty

Name	Designation	Area of Specialization
Dr. Maithili R. P. Singh	Head and Dean	Marketing
Dr. Sanjay Kumar	Assistant Professor	Finance
Dr. Avantika Singh	Assistant Professor	H.R.M.
Dr. Tulsee Giri Goswami	Assistant Professor	H.R.M.

Academic Activities

1. Conference/ Workshop/Symposium organized

- Department has organized GIAN-Global HRM program from 29th August – 9th September 2016.

1. Other Academic Activities

- Department has organized a visit to Barefoot College, Tilonia on March 9th, 2017

3. Extramural funding received

- Department has an ongoing extramural funded-project of Rs. 10.73lakhs, sanctioned by UGC

4. Equipment procured/Facility

- Laptop and color Printer

Awards/Achievements

Narendra Meena (MBA-2nd Semester) - secured 1st position in Essay Writing Competition (Hindi) entitled: Impact of demonetization on economic behavior of the youth.

Tanvi Jain, Ms. Kanika runwal -secured 2nd position in "Triartem" an event organized in "Economania" organized by Economics Department of our University from 24th of March 2017 to 26th of March 2017.



GIAN- The Expert overseeing the students



GIAN-Global HRM Program

Dean: Prof. Manish D Shrimali

The School of Earth Sciences is committed to provide interdisciplinary knowledge in the field of environmental sciences and atmospheric science and their linkage with societal development. The prime goal of the school is to train manpower with scientific knowledge and technical skills in the field of earth sciences to serve local and global communities. The School is committed to create and effectively disseminate fundamental

knowledge about Earth, its resources, and the processes by which it changes. In order to successfully pursue the vision and mission, existing departments are working in various areas related to research, education, and outreach programs in collaboration with national and international organizations.

Departments

- Department of Atmospheric Science
- Department of Environmental Science

Department of Atmospheric Science

Coordinator: Prof. Someshwar Das

Dr. Devesh Sharma (till 23rd March 2017)

The Department of Atmospheric Science was established in 2016 under the School of Earth Sciences. It offers both M.Sc. and Ph. D. programs. The objectives of the programs are to promote interdisciplinary research in science and technology. It encompasses numerical modeling of atmosphere and ocean, climate modeling, monsoons, and high impact severe weather forecasting to understand its physical and social consequences. The department is developing collaborations at National and International levels.

Programs offered

- M.Sc. Atmospheric Science
- Ph.D. in Atmospheric Science

Faculty

Name	Designation	Area of Specialization
Prof. Someshwar Das	Professor	Atmospheric Modelling; Cumulus Convection, Cloud Microphysics
Dr. Subrat Kumar Panda	Assistant Professor	Regional climate change modelling

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Prof. U. C. Mohanty School of Earth, Ocean and Climate Sciences, 21/01/2017
Indian Institute of Technology, Bhubaneswar
Interaction talk with the students of Atmospheric and Environmental Sciences

Prof. Shishir K. Dube	Vice Chancellor of the Amity University <i>Climate Change and Extreme Weather Events in India</i>	23/03/ 2017
Prof. Sushil Kumar Dash	Center for Atmospheric Sciences, IIT Delhi <i>Career and Future Prospects in Atmospheric Science</i>	25/03/ 2017

2. Conference/ Workshop/Symposium organized

One-day seminar on “Career and Future Prospects in Atmospheric Science” was organized on 25th March 2017.

3. Other Academic Activities

- Celebrated World Meteorological Day with the theme “Understanding the Cloud” on 23rd March 2017.
- Department has organized an educational tour to visit India Meteorological Department, Meteorological Centre, Jaipur on 28th March 2017.
- **5. Equipment procured/Facility.**
- High Performance Computing (HPC) System for Weather Analysis and Visualization Laboratory (Procurement is in progress).



School Board Members of the School of Earth Science



Interaction talk of Prof. U. C. Mohanty with the students of School of Earth Science

Department of Environmental Science

Head: Dr. Laxmi Kant Sharma

As an emerging economy, India is in its peak of infrastructural development and needs environmental experts, trained personnel for monitoring of pollution and assessing the environmental impacts of developmental projects. Looking to the present scenario and futuristic needs, the department has established with the objectives:

- To impart knowledge of environmental problems of regional and global scale;
- To train the students for scientific analyses of environmental components for efficient environmental decision-making and management.

Programs offered

- Ph.D. in Environmental science
- M.Sc. Environmental science
- Integrated M.Sc. Environmental science

Faculty

Name	Designation	Area of Specialization
Dr. Laxmi Kant Sharma	Associate Professor	Geospatial Applications, Ecological Assessment & Climate Change
Dr. Devesh Sharma	Associate Professor	Water Resources Modelling and Management, Climate Change
Dr. Garima Kaushik	Associate Professor	Bioremediation, Industrial waste water treatment, Biomedical waste management
Dr. Ritu Singh	Associate Professor	Nanoparticle based Environmental Clean-up technologies
Dr. Alok Kumar	Associate Professor	Biogeochemistry, Hydro geochemistry, Stable Isotopes, Biomarkers.

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Dr. Juan Fransisco Villareal Chiu	UANL, Mexico <i>Biodegradation of Organophosphates</i>	11/04/2017 & 04/05/2017
Ms. Alejandra Acosta	Universidad Autónoma de Nuevo León, Mexico <i>Visit</i>	11/04/2017 & 04/05/2017
Dr. I. C. Das	National Remote Sensing Centre, Hyderabad <i>Geospatial Modelling & Application (NRDMS Geospatial training)</i>	20/02/2017

Prof. P. K. Joshi	School of Environmental Science, JNU <i>Digital Image processing (NRDMS Geospatial training)</i>	19/02/2017
Prof. M. S. Nathawat	Director, School of Sciences, IGNOU, New Delhi <i>Understanding Geospatial Literacy (NRDMS Geospatial training)</i>	18/02/2017
Prof. Andrei	Tetenov Garno-Altai State University, Russia <i>Visit</i>	11/01/2017
Prof. Ashwani Kumar	AV Humboldt Fellow <i>Visit</i>	09/12/2016
Prof. Birgit Arnholdt-Schmitt	Universidade de Évora, Portugal (EU Chair) <i>Visit</i>	09/12/2016
Prof. A. N. Misra	Central University of Jharkhand <i>Visit</i>	07/08/2016
Prof. P. Pardha	Saradhi University of Delhi <i>Visit</i>	04/08/2016

2. Conference/ Workshop/Symposium organized

- DST-NRDMS sponsored three days training Program on Geo-spatial Technologies was organized from 18th to 20th February 2017.

3. Other Academic Activities

- 18th IIRS Outreach Program on "Basics of Remote Sensing, GIS& GNSS" was coordinated by Dr. L. K. Sharma, 22nd August - 18th Nov 2016
- 19th IIRS Outreach Program on "Remote Sensing and GIS Applications in Carbon Forestry" was coordinated by Dr. L. K. Sharma, 16th February - 10th March 2017
- Educational tour to India Meteorological Department, Jaipur Dr. Devesh Sharma on 28th March 2017
- 20th IIRS Outreach Program on "Microwave Radar Remote Sensing and its Applications" was coordinated by Dr. L. K. Sharma, 10th – 28th April 2017
- 21st IIRS Outreach Program on "Remote Sensing and GIS applications in Water Resources Management" was coordinated by Dr. L. K. Sharma, 22nd May – 9th June 2017. **Extramural funding received:**

Department of Science and Technology, Government of India sanctioned Rs. 83.25 lakhs under DST-FIST (Level 1 category) program for a period of five years (2016- 2021).

Various extramural funded-projects of Rs.42.47 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. ISRO, CSIR, DBT, and DST-SERB etc.

In the current year (2016-17), Department has received extramural grants of Rs. 40.78 Lakhs.

5. Equipments procured/Facility

- UV Chamber (UGC-BSR grant)
- Analytical Balance (UGC-BSR grant)
- Peristaltic Pump (UGC-BSR grant)
- Hot Plate (UGC-BSR grant)

Awards/Achievements

Dr. Garima Kaushik got Best Professor Award in Environment Management by DEWANG MEHTA Foundation held in Mumbai on 25 November 2016

Ms. Vidyalaxmi (PhD Scholar) received best poster award for presenting paper in the international conference on "Renewable Energy for Sustainable Environment: Challenges and Remedies (ICRESE-2017)", held at Shri Mata Vaishno Devi University, Katra (J&K) from 20th to 21st March 2017.

Ms. Monalisa Behra (PhD Scholar) got UGC NET-JRF fellowship.

Ms. Sonali Sharma (MSc Student) awarded DST inspire Junior Research fellowship.

Extracurricular activities

- Ms. Yashashvi Sharma received the silver medal in National Taekwondo Championship 2016 under 53 kg held on 15-16 October 2016 at Gachibowli Indoor Stadium, Hyderabad.
- Tree plantation was organized on 5th June, 2017 at World Environment Day in the campus under the aegis of Club "Navsrijan".



*DST NRDS Training Program on
18-20 February 2017*



Visit of Prof. Birgit Arnholt-Schmitt (EU chair)

School of Education

Dean: Dr. D. C. Sharma

The School of Education, Central University of Rajasthan was established in the 2014. The School of Education is running an Innovative Education Program, integrated three years M.Sc. B.Ed. Program in collaboration with School of Mathematics, Chemical Sciences and Physical Sciences and Department of Economics which aims at producing prospective teachers with the sound knowledge of content and pedagogy. The vision of the School of Education is to develop professionally equipped and human teachers along with the establishing Centre of excellence in Pedagogy, Curriculum and Research. The foot step; University has taken towards seeking quality education by inculcating professional value and ethics blended with the realistic field experiences among the pre-service teachers.

Departments

- Department of Education

Department of Education

This is the first attempt made by the Central University, Rajasthan with a clear focus on preparing teachers for Senior Secondary Schools/ Post Graduate Teachers (PGT's).

Programs offered

- Integrated M.Sc. B.Ed. Chemistry
- Integrated M.Sc. B.Ed. Economics
- Integrated M.Sc. B.Ed. Mathematics
- Integrated M.Sc. B.Ed. Physics

Faculty

Name	Designation	Area of Specialization
Dr. Narendra Kumar	Assistant Professor	Research Methodology, Educational Planning and Policies, Educational Psychology
Dr. Gobind Singh	Assistant Professor	Foundations of Education, Guidance and Counselling & Pedagogy of Mathematics

Academic Activities

1. Expert/Guest lecture/seminar/Visit

Prof. P. K. Sahoo

Central University of Allahabad, Allahabad
Teaching and Learning System

24/03/2017

2. Conference/ Workshop/Symposium organized

A conference was organized on "Preparation of Innovative Teaching Learning Resources" from 04th - 05th March 2017.

Awards/Achievements

Chandan Kumari Dubey (Int. M.Sc. student) - secured best volunteer award in NSS national integration camp in 2017.



Guest lecture of Prof. P.K. Sahoo

School of Engineering and Technology

Dean : Prof Manish Dev Shrimali

School of Engineering & Technology was established in the University in the year 2010 to impart quality technical education for sustainable development. The school offers post-graduate and research programs in Engineering and Technology. The objective of the School is to play a prodigious role in achieving the vision of the University i.e., education for sustainable development. The school aims at providing excellent training to students/scholars in advanced technologies, so as to produce engineering graduates of high caliber and moral values. The School aims at being a pioneer in the field of engineering education and research. The School has currently one department i.e. Computer Science & Engineering and is expected to expand very soon to achieve its goal.

Departments

- **Department of Computer Science and Engineering**

Department of Computer Science and Engineering

Head: Prof Manish Dev Shrimali

The Department of Computer Science and Engineering was established in the University in the year 2010 under school of Engineering and Technology. Currently, the department offers 2-years M.Tech. Program in CSE with specialization in Information Security and doctoral program. Department is striving hard to generate Information Security professionals to contribute towards secured progress of the country in the information age. Department is also exploring new emerging areas like Cyber Physical Systems, Information Testing, Security Audit, Digital Forensics etc. Department has been contributing towards achieving the goals of the University and is planning to expand by adding new programs in near future.

Programs offered

- M.Tech. CSE
- Ph.D. in CSE

Faculty

Name	Designation	Area of Specialization
Prof. Manish Srimali	Head & Dean	Physics of Complex Systems, Nonlinear Dynamics and Chaos
Gaurav Somani	Assistant Professor	Distributed Systems, Computer Networks, Ad hoc networks, Cloud computing.
Ravi Saharan	Assistant Professor	Algorithms, Computer Graphics, Image processing, Theoretical computer science.
Dr. Muzzammil Hussain	Assistant Professor	Network Security, Wireless Sensor Networks, Computer Networks.
Dr. Karan Verma	Assistant Professor	Security, Information Security, VANET, MANET, Wireless Ad hoc Networks.

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Dr. Ashutosh Saxena CMR Technical Campus, Hyderabad
Public key infrastructure Feb 17-18, 2017

Dr. Ashutosh Saxena CMR Technical Campus, Hyderabad
Repository, Certification Authority (CA), Registration Authority (RA) and Key management. May 8-10, 2017

2. Extramural funding received

• **Dr. Karan Verma** received INDIAN-Brazil Joint Research Cooperation project of Rs. 50 Lakhs.

3. Equipments procured/Facility

- IEEE Online
- ACM Digital Libraries

Awards/Achievements

Dr. Karan Verma

Received the DAAD–IIT Exchange Faculty Fellowship Program (Bilateral Exchange Academics) 2017 and visited Paderborn University, Paderborn, Germany from 20th May to 25th June 2017.

Got Fellowship in 96th Internet Engineering Task Force (IETF), 17 – 22nd July 2016; Berlin, Germany, Hosted by Juniper Networks.

Usha Jain(PhD Scholar) received Maulana Azad Minority Scholarship.

Hema Shekhawat, Richa Jaiswal, Rajwinder Kaur and Tunisha Varshney - got Asia Pacific Network Information Centre Region (APNIC) Fellowship to attend APINIC 42 meeting from Sept.28 to Oct 5, 2016, in Colombo, Sri Lanka.



M.Tech. Class room



M.Tech Research Laboratory

School of Humanities and Languages

Dean : Dr. N. Lakshmi Aiyar

The School is composed of dedicated, talented and award-winning Faculty whose mission is to cultivate awareness of Interdisciplinary understanding and sensitivity to the ideas and human values characterizing human discourse, thought, experience and achievement. The Indian Languages and philosophy turn the students into analytically sound, critical, discerning thinkers, who are aware of the cultural, political, and economic issues shaping our world. It offers a technology-enhanced curriculum that encourages open-mindedness and an informed consideration of the human tradition. The many beliefs, histories, and words of our collective cultural heritage strengthen the literature studies imparted for the transmission of knowledge.

Departments

- Department of English
- Department of Hindi

Department of English

Head: Prof. Supriya Agarwal

Department of English has its inception in the academic session 2010-11, the second year of establishment of the Central university of Rajasthan. It offers degrees at M.A. and Ph. D. level. Established with an aim to mentor its students both in and beyond the class rooms, it provides intensive training through pedagogical lectures, film screening, symposia, national and international workshops and conferences. The syllabus of the subject explores the connection between language, literature, culture, visual representation and multi-disciplinarily. The program not only imparts essential knowledge but equips and trains the students for careers in varied avenues.

Programs offered

- Ph.D. in English
- M.A. English

Faculty

Name	Designation	Area of Specialization
Prof. Supriya Agarwal	Professor	Gender and Cultural Studies, World Literature
Dr. Sanjay Arora	Associate Professor	English Language Teaching, Applied Linguistics, CLT
Dr. Bhumika Sharma	Assistant Professor	Postcolonial Studies, African American Writings
Dr. Neha Arora	Assistant Professor	Dalit Literature, Comparative Literature
Dr. Devendra Rankawat	Assistant Professor	Postcolonial Studies, Creative Writing
Dr. Ved Prakash	Assistant Professor	Partition Literature, African-American Literature & Caribbean Literature

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Prof. Rajul Bhargava	University of Rajasthan, Jaipur <i>"Nexus between Postmodernism and Post-Structuralism"</i>	05/08/2016
Prof. Anisur Rahman	Jamia Millia Islamia University, New Delhi <i>"Major Areas of Current Research Trends in Present Day Literature"</i>	18/01/2017
Prof. Ameena Ansari	Jamia Millia Islamia University, New Delhi <i>"Post 1857: Women's Discourse in India"</i>	18/01/2017

2. Conference/ Workshop/Symposium organized

- Panel Discussion on Literary Forum program, Sahitya Akademi in association with National Sahitya Akademi, Delhi was organized on 6th February, 2017

3. Equipments procured/Facility

- Pearson English language online Course

Awards/Achievements

- Balveer, (Master Student) qualified UGC-JRF December 2016.
- Mousam (Master Student) qualified UGC-NET December 2016.

Extracurricular activities

The following films were screened by the **Film Club**:

- Maya Deren's 'At Land', 'A Study in Choreography for Camera', 'Ritual in Transfigured Time'
- Wong Kar-Wai's 'In the Mood for Love'
- Akira Kurosawa's 'Rashomon'
- Alfred Hitchcock's 'Rear Window'



Panel discussion on Literature and Location



Question Answer session after the discussion

Department of Hindi

Head: Dr. N. Lakshmi Aiyar

The department is working energetically with an intention to meet the research challenges of the society in various fields like media studies, women studies, folk literature, functional Hindi and its styles fulfilling the needs of the present trend. It is enriched with the efficient Faculty members from multiple states having sound research experience, handling special papers in comparative, Indian Novels, Indian poems, folk Literature, media standing as a symbol of Unity in Diversity. The department is functioning as a nodal Centre for imparting expertise for the implementation of official language in Central Government institutions

Programs offered

- Ph.D. in Hindi
- M.A. Hindi

Faculty

Name	Designation	Area of Specialization
Dr. N. Lakshmi Aiyar	Associate professor	Comparative literature
Dr. Jitendra Kumar Singh	Assistant Professor	Hindi Criticism, Linguistics, Language Technology & NLP
Dr. Mamata Khandal	Assistant Professor	Comparative Studies, Linguistics
Dr. Suresh Singh Rathore	Assistant Professor	Katha Sahitya, Lok Sahitya, Modern poetry
Dr. Sandeep Vishwanathrao Ranbhirker	Assistant Professor	Bhakti Literature, Hindi Poetry, Fiction, Women's writing

Academic Activities

- Celebrated Premchand Birth Anniversary on 31st July, 2016.
- Celebrated Nirala Birth Anniversary on 21st February, 2017.

Awards/Achievements

- **Dr. Jitendra Kumar Singh** received 'Sahitya Sudhakar Award' from Sahitya Mandal, Srinathdwara on 13 September, 2016.
- **Nourat Singh Meena** - Received "National Honor Award 2016" from Yogmaya Manavothan Trust, Zharkhand on 25 September, 2016.
- **Nourat Singh Meena** - Received "Gold Medal" from J.V.P. Media group, Ajmer on 27 August, 2016.

- The following students have qualified UGC NET /JRF

Omprakash Sunda	JRF	Rajkumar Kaswan	JRF
Suresh Prajapat	JRF	Anita Yadav	JRF
Rama Udawat	JRF	Chaina Meena	JRF
Rajkumar Dudhwal	JRF	Pratibha Kanojiya	JRF
Vandana Sharma	JRF	Gopal Jinger	JRF
Kuldeep Yadav	JRF	Rahul Saini	NET
Bhanwar Lal Nayak	NET	Balveer Dan Charan	NET
Nemi Chand Kumhar	NET	Tarachand Kumawat	NET
Dhanraj Kumhar	NET	Prakash Chand Verma	NET



*Dr. Mamata Khandal felicitated by Vice Chancellor,
University of Rajasthan, Jaipur*



*Kabaddi team in West Zone
Kabaddi Tournament*

School of Life Sciences

Dean : Prof. Pradeep Verma

The School of Life Sciences has been established in 2012 with an emphasis on interdisciplinary teaching and research in modern biology. The School now has twenty-four teaching staff and five supporting staff. In addition to this, numbers of postdoctoral fellows are working in the department. In the current academic session, School of life sciences has moved to its permanent building with state of art laboratory for each Faculty and Central instrumentation facility in each department. In the new building SLS also have modern seminar halls, auditorium and smart classes.

Departments

- Department of Biochemistry
- Department of Biotechnology
- Department of Microbiology

Department Biochemistry

Head:Dr. Chandi C. Mandal

The Department of Biochemistry aims to ignite young minds, from different backgrounds, to understand the world of biochemical reactions through application based learning. This learning would develop their reasoning power and train them for future career in research as well qualify highly competitive national level examination like CSIR-UGC NET, ICMR and GATE. More emphasis is given on understanding the subject rather than rote learning and the students are also encouraged to broaden their potential by opting for extra audit courses offered by other departments.

Programs offered

- Ph.D. in Biochemistry
- M.Sc. Biochemistry
- Integrated M.Sc. Biochemistry

Faculty

Name	Designation	Area of Specialization
Prof. M.K. Krishnan	Professor	Silkworm Biotechnology, Genomics and Proteomics
Dr. Chandi Charan Mandal	Associate Professor	Cellular Signalling associated with Cancer and Bone Biology
Dr. Vishvanath Tiwari	Assistant Professor	Bacterial resistance, Host-pathogen interaction
Dr. Vijay Kumar Prajapati	Assistant Professor	Infectious Biology and Drug Discovery
Dr. Kiran Kumar Tejavath	Assistant Professor	Glycobiology and Protein Biochemistry, Glyconanotechnology
Dr. Shiv Swaroop	Assistant Professor	Protein Engineering and stability, Vaccine design, Biophysics, Synthetic biology

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Dr. Mausumi Bharadwaj National Institute of Cancer Prevention & Research, 05/04/2017
ICMR, Noida
Novel miRNA signature in HPV associated Cervical Cancer

2. Extramural funding received

- Various extramural funded-projects of Rs. 159.52lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST-SERB etc.
- Dr. Kiran Kumar Tejavath received a new SERB DST sponsored project of Rs. 45.71 Lakhs in the current year.



Faculty reviewing the lab equipment along with the research scholars.



Lectures for the M.Sc. Biochemistry students in newly constructed Life Science Building.

Department of Biotechnology

Head: Dr. Pankaj Goyal

The department of biotechnology was established in year 2011 with emphasize on conducting cutting edge research to address societal problems related to health and agriculture, in Indian perspectives. Academic Activities of the department are specifically designed to provide world class training for masters and doctoral scholars to become global scientific leaders. In addition, the department regularly organizes workshops/ seminars to sensitize the students towards various dimensions of biotechnological innovations and their societal reach out.

Programs offered

- Ph.D. in Biotechnology
- M.Sc. Biotechnology
- Integrated M.Sc. Biotechnology

Faculty

Name	Designation	Area of Specialization
Prof. A. K. Gupta	Professor	Plant Molecular Biology and functional Genomics
Dr. Pankaj Goyal	Associate Professor & Head of Department	Molecular Medicine and Pregnancy disorders
Dr. Jogeswar Panigrahi	Associate Professor	Molecular Plant Breeding
Dr. Janmejy Pandey	Assistant Professor	Microbial Genomics & Metagenomics
Dr. Tarun K. Bhatt	Assistant Professor	Molecular Parasitology
Dr. Suman Tapryal	Assistant Professor	Antibody Engineering& Vaccine Development
Dr. Jay Kant Yadav	Assistant Professor	Protein Aggregation and Folding
Dr. S. T. Vaiphei	Assistant Professor	Biomarker discovery
Dr. Jayendra Nath Shukla	Assistant Professor	Insect Genetics & Molecular Biology
Dr. Surendra Nimesh	Assistant Professor (UGC- FRP)	Nanotechnology

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Dr. S. P. Srinivas Associate Professor, School of Optometry, Indiana University, 20/03/17
Bloomington, Indiana- USA
Magic of corneal endothelium: Relevance to vision and its impairment

Host factors in Dengue virus life cycle

2. Conference/ Workshop/Symposium organized

- Workshop on Advance Microscopy and Imaging Techniques National Olympus & DSS Imagetek- 29/06/17 – 01/07/17

3. Extramural funding received

- Various extramural funded-projects of Rs.270.46 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST-SERB etc.
- In the current year (2016-17), Department has received extramural grants of Rs. 188.4 Lakhs.

4. Equipments procured/Facility

- Beth top centrifuge
- Incubator shaker
- Gel Rocker
- tube Rotator
- Deep Freezer (-20)
- Magnetic stirrer
- Weighing balance
- Vortex
- Autoclave
- Air Conditioner
- Printer
- UV-Vis Spectrophotometer and Refrigerated mini centrifuge
- Label Marker
- Liquid N2 storage container, Nitrogen gas cylinder, regulator and trolley with accessories
- PC, Printer and UPS
- work station components
- Magnetic stirrer and cyclomixer
- Refrigerator
- Gas cylinder and regulator
- Autoclave
- Refrigerated centrifuge
- Sonicator

Awards/Achievements

Dr. Jayendra Nath Shukla received Ramalingaswami Re-entry Fellowship from Department of Biotechnology (DBT), Govt. of India.

Geeta Arya (PhD Scholar) got the Best poster award in the International Conference on Biotechnology and Nanotechnology (ICBN-2016), IIS University, Jaipur.

Ajeet Singh (M.Sc. student) qualified CSIR-UGC-JRF NET.



Cryopreservation facility



Inaugural session of Advanced Microscopy and Imaging Techniques workshop

Department of Microbiology

Head: Prof. Pradeep Verma

The Department of Microbiology came into existence in July 2012 under the School of Life Sciences. Since the inception, the department is focused to attain the very objectives of teaching and training students in fundamental and applied microbiology and meet the demand for microbiologist for academia/ research and Industries. We carry out qualitative research at par with International and National University/ research organization and to develop the microbial diversity consortia of community thriving in Rajasthan.

Programs offered

- PhD in Microbiology
- M.Sc. Microbiology
- Integrated M.Sc. Microbiology

Faculty

Name	Designation	Area of Specialization
Prof Pradeep Verma	Professor	Fermentation and Bioprocess Technology, Biofuels
Dr. Pawan Kumar Dadheech	Associate Professor	Microbial diversity and phylogenetics, Metagenomics and Genomics
Dr. Nidhi Pareek	Assistant Professor	Microbial proteomics, Marine bio-prospecting, Bioprocess development
Dr. Akhil Agrawal	Assistant Professor	Petroleum microbiology, Metagenomics, Cyanobacterial biotechnology
Dr. Arvind Pratap Singh	Assistant Professor	Functional genomics, host-pathogen interactions
Dr. Chandra Sekhar Gahan	Assistant Professor	Bioprocess Engineering and Bio-Hydrometallurgical Engineering
Dr. Deeksha Tripathi	Assistant Professor	Molecular biology of infectious diseases, Host-pathogen interactions,
Dr. Vijay Kumar Verma	Assistant Professor	Molecular cell biology and biochemistry of Infectious diseases

Academic Activities

1. Extramural funding received

Department of Science and Technology, Government of India sanctioned Rs. 45 lakhs under DST-FIST (Level 1 category) program for a period of five years (2016- 2021).

Various extramural funded-projects of Rs. 178.9lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. DST, CSIR, DBT, and DST-SERB.

In the current year (2016-17), Department has received extramural grants of Rs. 65 Lakhs.

2. Equipments procured/Facility

- Fully Automatic Autoclave (2)
- Vertical Electrophoresis Unit with Power Pack
- Horizontal Electrophoresis Unit
- Incubator Shaker
- BOD incubator
- Water Bath (2)
- Vis-Spectrophotometer
- Visible Spectrophotometer
- Electrophoresis Unit
- Microscope (2)

Awards/Achievements

Akhil Agrawal received JKLU Award for Water and Environment in 4th Rajasthan Science Congress organized by Vaigyanik Dristhikon Society and JK Lakshmipat University, Jaipur, 15-17 October, 2016.

Ganshyam Prajapat (Ph.D. Scholar) selected for West Zone Anveshan Student Research Convention conducted by AIU, New Delhi at NIMS, Jaipur from 16-18 February 2017

Amandeep Brar (Ph.D. Scholar) received Maulana Azad National Fellowship

Himanshu Bairwa (M.Sc. student) qualified CSIR-UGC JRF

Sonali Dash (M.Sc. student) selected for DST Inspire fellowship



Dr. Akhil Agrawal Receiving JKLU Award for Water and Environment at 4th RSC held at JK Lakshmipat University, Jaipur Oct 15-17, 2016

School of Mathematics, Statistics and Computational Sciences

Dean : Dr. D. C. Sharma

The School strives to sensitize and train young students as future researchers in the frontier areas of applied fields, adopting the multi-disciplinary and inter-disciplinary approach. The school also trains the students for Research and Development of ICT and related industries and research organizations. The Mathematics department of this school is running a program to prepare Mathematics teachers both for higher as well as at plus two level. Various innovative programs have been initiated by the departments of this School for local and global need.

Departments

- Department of Computer Science
- Department of Mathematics
- Department of Statistics

Department of Computer Science

Head: Dr. D.C. Sharma

Central University of Rajasthan has initiated Department of Computer Science in the year 2010-11 with specialization Artificial Intelligence, subsequently department has started Int. M.Sc. (CS), M.Sc. (Big Data Analytic) and Ph.D. in Computer Science. The vision of the department is to create excellence in the field of emerging computer science and its applications. The driving mission for the department is to develop advances of research in computer science to offer best practices and research experience to its students.

Programs offered

- Ph.D. in Computer Science
- M.Tech. Cyber Physical System
- M.Sc. Computer Science
- M.Sc. Big Data Analytics
- Integrated M.Sc. Computer Science

Faculty

Name	Designation	Area of Specialization
Dr. Mamta Rani	Associate Professor	Fractal Graphics and Chaos
Dr. Nistha Kesswani	Assistant Professor	Wireless Networks
Dr. A. Nagaraju	Assistant Professor	Mobile and Wireless Sensor Networks, High Performance Distributed Computing
Mr. Gaurav Meena	Assistant Professor	DBMS, Information Security and Ad-hoc Networks
Mr. Ravi Raj	Assistant Professor	Algorithms, Image processing
Dr. Krishna Kumar Mohbey	Assistant Professor	Data Mining, Mobile E-Commerce
Dr. Chhabi Rani Panigarhi	Assistant Professor	Program Analysis, Mobile Cloud Computing
Dr. Jagadeesh Kakarla	Assistant Professor	Wireless Sensor Networks Mobile Ad-hoc Networks

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Prof. Bimal Roy	Professor, ISI-Kolkata <i>Orientation program to M.Sc. (Big-Data) First & Second Year Students and Faculty.</i>	22/08/2017
Mr. Rajiv Noronha	TCS <i>Orientation program to M.Sc. (Big-Data) First & Second Year Students and Faculty.</i>	22/08/2017

2. Other Academic Activities

- Department organized Machine Learning Poster Presentation on 12th April 2017.

3. Extramural funding received:

- TCS sanctioned Rs. 60 Lakh to establish Video Conference facility and Computer Lab.
- Various extramural funded-projects of Rs. 45.5lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. UGC, DietY.

4. Equipment's procured/Facility

- HP Server
- 4 Dell Desktops with i7 Configuration
- 02 Laptops with i7 Configuration
- TCS Lab with Video Conference facility

Extracurricular activities

Sunit Bhattacharya (Int. M.Sc. Student):

- Was Campus Representative in the Meeting of Innovation Clubs 2013, at Rashtrapati Bhavan, New Delhi.
- Was Campus Ambassador - Tecniche-2016 (IIT-Guwahati).



TCS Orientation Program

Department of Mathematics

Head: Dr. D C Sharma

In the very first year of the establishment of the University i.e. in 2009, department started M. Sc. Tech. Mathematics three years (Six Semester) post graduate program, this year M. Sc. Mathematics two-year (Four Semester) post graduate program has been started by the department instead of earlier program. The department aims to prepare higher mathematics teachers and researchers for pure and applied mathematics and to prepare trained manpower needed for Research and Development related to industries and research organizations.

Programs offered

- Integrated M.Sc. Mathematics (5 years)
- Ph.D. in Mathematics
- M.Sc. /M.Sc. Tech. Mathematics (2/3 years)
- Integrated M.Sc. B. Ed. Mathematics (3 years) Faculty

Faculty

Name	Designation	Area of Specialization
D.C. Sharma	Associate Professor	Operations Research Mathematical Programming and Machining System
J.K. Prajapat	Associate Professor	Complex Analysis: Geometric Function Theory, Fractional Calculus
Anand Kumar	Assistant Professor	Fluid Dynamics, Magnetohydrodynamics, Boundary Layer Theory
Amit Chakraborty	Assistant Professor	Bio-Mathematics: Dynamical systems, environmental modeling and simulations
Vidyottama Jain	Assistant Professor	Fuzzy Optimization and Decision Making Financial Mathematics
Ram Kishor	Assistant Professor	Celestial Mechanics, Dynamical systems, and Chaos, Mission Design
J.P. Tripathi	Assistant Professor	Mathematical Ecology and Epidemiology: Dynamical Systems
Vijay Kumar Yadav	Assistant Professor	Fuzzy Set Theory, Fuzzy Topology, Fuzzy Automata Theory, Category Theory
Vipul Kakkar	Assistant Professor	Algebra: Group Theory
A.P. Singh	Professor (Reappointed)	Complex Dynamics

Academic Activities

1. Other Academic Activities

- Weekly Departmental Seminar
- “Problem of the Day” program initiated in 2013
- CSIR-UGC NET Preparation Classes
- Remedial Classes for OBC, SC and ST

2. Extramural funding received

Various extramural funded-projects of Rs.45.5 lakhs are ongoing in the Department sanctioned by different agencies of Government of India e.g. UGC, and DST-SERB etc.

Awards/Achievements

Prof. A. P. Singh received “Lifetime achievement award” by the Forum for Interdisciplinary Mathematics on 22nd December 2016 at Manipal University, Jaipur

Dr. Ram Kishor is selected as Visiting Associate of IUCAA for three years (since, 01.08.2017 to 31.07.2019) under the visiting associate ship program of IUCAA, Pune, India.

Suresh Godara, (Int. M.Sc. Student) got 3rd position in Quiz Competition at 32nd Inter University West Zone Youth Festival (6-10 January,2017) organized by Association of Indian Universities(AIU) with collaboration of Ministry of Sports and Youth Affairs, Government of India.

Department of Statistics

Head: Dr. Jitendra Kumar

The Department of Statistics was established in June 2009 under the School of Mathematics, Statistics & Computational Sciences, with an innovative Masters level program in Statistics with specialization in Actuarial Science. Department had started Doctoral Degree program in July 2012 and five years integrated M. Sc. (Statistics) in July 2013. Department is actively participating in research and extension activities and conducting program in the area of Statistics, Official Statistics, Banking, Insurance and Finance. Department is offering good opportunity for the employment and alumni of the department who are working in government sector like ISS, RPSC etc, as well as reputed private organizations like SWISS Re, Edgewise Tokyo, KPMG, Sri Ram Finance, WNS Consultancy, The Rain Man Consultancy, Max Life Insurance, AON Hewitt Actuarial Consultancy, Nelson Private Ltd. etc. The faculties are active in executing research projects in collaboration with UGC, CSIR, and MOSPI etc.

Programs offered

- Ph. D. in Statistics
- M. Sc. Statistics
- Integrated M. Sc. Statistic

Faculty

Name	Designation	Area of Specialization
Dr Jitendra Kumar	Associate Professor	Time Series, Policy Process Reengineering and Big Data
Mr. Deepesh Bhati	Assistant Professor	Distribution Theory, Actuarial Statistics
Dr. Sanjay Kumar	Assistant Professor	Sampling Theory
Dr. Mahendra Saha	Assistant Professor	Industrial Statistics and Actuarial Statistics
Dr. Arvind Pandey	Assistant Professor	Survival Analysis, Frailty model, Bayesian Analysis

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Prof. S. K. Pandey	Department of Statistics, University of Lucknow, UP	17 th -20 th Nov 2016
	<i>Bayesian Inference</i>	
Prof. Neeraj Tiwari	Department of Statistics, Kumanyu University Nainital, Uttarakhand	3 rd -10 th Oct 2016 & 14 th -20 th Nov 2016
	<i>Probability distribution and Bayesian Inference</i>	

Extracurricular activities

- Department has celebrated National Statistics Day under the scheme of Administrative statistics in collaboration with NSSO (FOD) Ajmer and Department of Planning, Ajmer, Govt. of Rajasthan.

School of Physical Sciences

Dean: Prof. Manish D Shrimali

Department of Physics

Head: Prof. Manish D Shrimali

The department of Physics at Central University of Rajasthan was established in the academic year 2011-12 to offer 2-years M. Sc. Physics program with an intake capacity of 20 students. The department has excellent state-of-art laboratories for the undergraduate and post graduate teaching as well as for research. The department follows the best teaching practices in the core area of physics with a motto of learner centric teaching and gives exposure to the students about the latest research through summer internship/project and a semester long research project.

Departments
• Department of Physics

Programs offered

- Ph.D. in Physics
- M. Sc. Physics
- Integrated M.Sc. B.Ed. Physics (3 years)
- Integrated M.Sc. Physics (5 years)

Faculty

Name	Designation	Area of Specialization
Prof. Manish Dev Shrimali	Professor	Nonlinear Dynamics and Chaos
Dr. Ajit Kumar Patra	Assistant Professor	Magnetism and spin dependent transport in nanoscale structures
Dr. Neeraj Panwar	Assistant Professor	Multiferroics and Lead free Piezoelectrics, Exchange-Bias, Magnetization reversal
Dr. R.K. Verma	Assistant Professor	Surface Plasmon Resonance Photonics
Dr. Sukhmander Singh	Assistant Professor	Plasma waves, instabilities and electric propulsions
Dr. Girish Chandra Tewari	Assistant Professor	Low temperature electronic transport and superconductivity
Dr. Rakesh Kumar	Assistant Professor	Correlated quantum many-body systems, Topological phases
Dr. Brijesh Kumar Singh	Assistant Professor	Optical phase singularity, laser beam shaping
Dr. Sandeep Kumar	Assistant Professor (UGC FRP)	Experimental condensed matter physics
Dr. Divya Srivastava	Assistant Professor (DST Inspire Fellow)	Graphene, Carbon nanotube and density functional theory

Academic Activities

1. Expert/Guest lecture/Seminar/Visit

Prof. D. G. Kanhere	Centre for Modeling and Simulation, Pune University <i>Quantum Mechanics</i>	16/03/2017 & 17/03/ 2017
Prof. Thamilmaran Kathamuthu	Centre for Nonlinear Dynamics, Bharathidasan University, Tiruchirappalli, Tamil Nadu, India <i>Nonlinear Dynamics</i>	April, 2017

2. Conference/ Workshop/Symposium organized

- National Symposium on Technologically Advanced Functional Materials National from 16th to 17th March 2017
- Python Basics Workshop for Beginners National from 8th - 12th May 2017

3. Equipments procured/Facility

- X-Ray Diffraction (XRD)

Awards/ Achievements

Mr. Surendra Kumar received best poster award at International Conference on Magnetic Materials and Applications (ICMAGMA-2017), organized by Defense Metallurgical Research Laboratory (DMRL), Hyderabad, from 1st to 3rd February 2017.



National Symposium on Technologically Advanced Functional Materials

School of Social Sciences

Dean: Prof. S.N. Ambedkar

The School of Social Science has four major innovative academic departments: Public Policy, Law and Governance, Economics, Social Work, and Media and Culture Studies. The curricula developed and taught in all the Departments are modernized and improved considering latest academic trends of the disciplines. The Faculties of the School representing established Universities of the Country have done significant academic work in the last Academic Year 2016-17. Amounting more than 50 Lakhs Project Grants have been accrued by very talented faculty members of the School from various external agencies like National Commission for Women (NCW), DST, UGC-MRP and ICSSR. In the Academic Year (2016-17), a new Two-Years Master's Program on Digital Society is also being initiated in the School which is a special inter-disciplinary course linking the academic trends of Social Sciences and Digital Technology.

Departments

- Department of Culture and Media Studies.
- Department of Economics
- Department of Public Policy, Law and Governance
- Department of Social Work

Department of Culture and Media Studies

Head - Prof. S.N. Ambedkar

The Department of Culture and Media Studies, founded on 1st August, 2011, has completed six years witnessing the growth of the Department in terms of its students getting placed in several media organizations and even establishing their own media production house. The Department has launched its You Tube Channel providing an online platform to showcase the documentaries made by the students. The Department organized its 1st National Seminar on Media and Subalterns in India on March, 2017, which attracted scholars, faculty members and media practitioners from different parts of the country to share their research work.

Programs offered

- Ph.D. in Culture and Media Studies
- M.A. Culture and Media Studies

Faculty

Name	Designation	Area of Specialization
Dr. Pranta Pratik Patnaik	Assistant Professor	Television Studies, Cultural Studies, Gender & Sexualities
Dr. Junali Deka	Assistant Professor (on lien)	New Media, Cinema Studies, Television Journalism
Dr. Nicholas Lakra	Assistant Professor	Intercultural Communication, Journalism, Content Analysis
Dr. Neeru Prasad	Assistant Professor	Cyber Journalism, Print Media, Layout and Designing.

Academic Activities

1. Expert/Guest lecture/seminar/Visit

Prof. Anjali Monteiro	TISS, Mumbai <i>Basics of Documentary Research and Proposal</i>	12 th -18 th Sept., 2016
Mr. Hiroo Keswani	FTII, Pune <i>Practicals of Cinematography</i>	8 th -12 th Sept., 2016
Prof. K.P. Jayasankar	TISS, Mumbai <i>Visual Culture</i>	12 th -18 th Sept., 2016
Mr. Suresh Rajamani	FTII, Pune <i>Sound Recording and Designing</i>	20 th -24 th March, 2017

2. Conference/ Workshop/Symposium organized

- A national seminar on “Media and Subalterns in India” was organized from 16–17 March, 2017 (funded by ICSSR).

3. Other academic activities

- Dr. Junali Deka coordinated to celebrate World Photo Day on 19th August, 2016

4. Equipments procured/Facility

- Sage Video series on Communication and Cultural Studies (E – Resource)

Awards/Achievements

Dasharath Singh Rathore (Master student) - won the first prize in Quiz Competition organized by SPARSH cell in Central University of Rajasthan.

Extracurricular activities

- Organized a five days dance workshop for students by renowned **Odissi dancer Mr. Saswat Joshi** during 26th – 30th July, 2017.
- Published 'In & Around' – an in-house Lab Journal of the Department.
- Launched the YouTube Channel of the Department on 18th May, 2017 providing a platform to showcase the documentaries made by the students and faculty of the Department.

(<https://www.youtube.com/channel>)



National Seminar on Media and Subalterns in India (16-17 March, 2017)



Hiroo Keswani, Cinematographer with students and faculty of the Department.

Department of Economics

Head: Prof. S.N. Ambedkar

The department focuses on theoretical and quantitative analysis in its curriculum. The main objective of the master programme is to equip the students with theories and tools of economic analysis in major areas of its application and focus on the emerging area of Environmental Economics. The department aims to enable the students to understand the principles, theories and applications of micro economics, macroeconomics, public economics, development economics, international economics and monetary economics and to develop multidisciplinary skills among the students to tackle the complex environmental and economic issues.

Programs offered

- Ph.D. in Economics
- M.A. Economics
- Integrated M.Sc. Economics
- Integrated M.Sc. B.Ed. Economics

Faculty

Name	Designation	Area of Specialization
Dr. Hemlata Manglani	Assistant Professor	Micro Economics, International Trade, Growth
Dr. Pragati Jain	Assistant Professor	Environment, Development Studies
Dr. Pramod Kumar Naik	Assistant Professor	Financial Economics, Econometrics
Dr. Satyanarayan Murthy	Assistant Professor	Macro Economics and Finance, Monetary economics
Dr. Mohd. Hussain Kunroo	Assistant Professor	Macro Economics, Financial Economics, Econometrics

Academic Activities

1. Expert/Guest lecture/seminar/Visit

Prof. G. Nancharaiha	Emeritus professor, Dept. of Economics, University of Hyderabad <i>New Economic Reforms</i>	1/08//2016
Prof. Tapas Sen	Former Faculty of NIPF, New Delhi <i>Public Finance and Federal</i>	17 /02/2017
Shri Kunal Rahar	Research Officer, Reserve Bank of India, Jaipur <i>"Macroeconomic Issues and RBI function"</i>	17/10/ 2016

2. Conference/ Workshop/Symposium organized

- One day workshop on “Budget Planning and Preparation” was organized in Collaboration with BARC (Budget Analysis Rajasthan Centre) NGO, Jaipur on October 18th 2016.

Awards/Achievements**Dr. Pramod Kr. Naikgot the PhD Award of Excellence at IIT Mumbai**

The following students have been qualified UGC NET/JRF.

Jitendra Choudhary	UGC NET
Amit Kumar Sharma	UGC NET
Salla Nityanath	JRF
Gajendra Meena	JRF

National Level Recognitions

Mr. Deepanshu Lakhwan (Integrated M.Sc. student) was awarded at 32nd West-Zone Inter University Youth-Festival 2017 (6th to 10th January 2017) sponsored by AIU, New Delhi in Installation Competition, and also was selected for National Level Youth Festival was held at Shivaji University Kolhapur (10 -14 February 2017).

Ms. Chandan Dubey (Integrated M.Sc. B.Ed. student) - selected for Best NSS Volunteer Award at National Integration Camp held at Bagalkot, Karnataka (20 - 27 March 2017)

Extra curricular activities

- Dr. Hemlata Manglani and Afsha Siddique (student Coordinator) coordinated and organized “Economania Fest 2016-17” on 25th to 27th March 2017.
- Foundation Day of Economic Society was celebrated and Department organized a visit to Mundoti village and performed the following academic activities:
 - Survey on Financial Inclusion
 - Survey on Health and Environment
 - Survey on Education with Oral and written test of rural children (age group 0-5 and 5-10)
 - Survey on Cleanliness
 - Visit to community Library

Economic Society of the department has organized the inter-departmental poster making event on October 16th 2016.



National Seminar on Media and Subalterns in India (16-17 March,2017)



Hiroo Keswani, Cinematographer with students and faculty of the Department.

Department of Public Policy, Law and Governance

Head: Dr. S. Kandasamy

completed nearly five years at the end of the Academic Year 2016-17. It runs very innovative Master's and Ph.D. Programs which introduce students to the study of policy-making and implementation processes, the power of policy analysis and making judgements along with understanding of legal principles and operation of law in a composite society. The PPLG Programs is very innovative in the sense that it helps the students to seek practical knowledge, hence job-oriented in the fields of Government, non-governmental and private sectors, particularly at executive level.

Programs offered

- Ph.D. in Public Policy, Law and Governance
- M.A. Public Policy, Law and Governance

Faculty

Name	Designation	Area of Specialization
Prof. S.N. Ambedkar	Professor	Local Governance, Rural Development, Indian Government and Administration
Dr. S. Kandasamy	Associate Professor	Cyber Law, Intellectual Property Law, International Law and Human Rights Law.
Dr. Gyana Ranjan Panda	Assistant Professor	Public Policy, Governance, Budgeting and Budgetary Processes in South Asia
Dr. C. Jeevan Kumar	Assistant Professor	Public Policy, Public Sector Management, Governance and Leadership, E-governance
Dr. Almin Jose Cicily	Assistant Professor	Governance, Local Governance, Public Policy Analysis.
Dr. Anjan Kumar Sahu	Assistant Professor	Human & Environmental Security, International Relations

Academic Activities

1. Expert/Guest lecture/seminar/Visit

Professor Bob Smith

RMIT University
Melbourne, AUSTRALIA

10/04/2017

Governance and Capability: Contemporary issues for Citizens and Government

2. Conference/ Workshop/Symposium organized

- A course on “Research Methodology” for research Scholars for Social Sciences was organized from 8th – 17th May 2017
- A two days national Seminar on Public Policy, Governance and Development in India: Issues and Challenges was organized from 23rd-24th September 2017 (sponsored by National Indian Council of Social Science Research).
- National Constitution Day was celebrated on 26th November, 2016.



Inaugural of Training Program on Research Methodology



Interaction during research methodology work shop.

Head: Prof. S. N. Ambedkar

The Department of Social Work established in 2012 is actively involved in academic and field-based practices. The function of Department covers four areas first, teaching which includes imparting academic degrees with the motto of providing education for sustainable development and creating locally relevant&globally competitive workforce. The second is Practice which includes integrating the theory into practice by programmatic intervention and field laboratories. The third is research which includes students' dissertation based on empirical work and evidence. The fourth area is extension covering field action projects, Day Care Centre, Community Development Cell, Swaccha Bharat Abhiyaan and Unnat Bharath Abhiyan.

Programs offered

- Ph.D. in Social Work
- M.A. Social Work

Faculty

Name	Designation	Area of Specialization
Prof. S.N. Ambedkar	Professor	Local Governance, Rural Development, Indian Government and Administration
Dr. Jagdish Jadhav	Associate Professor	Natural Resource Management, Social Skill Training, Community Development
Dr. Shaizy Ahmed	Assistant Professor	Ageing, Community Work, Higher Education and HRM
Dr. Atiq Ahmed	Assistant Professor	Neuro-Psycho-Oncology, Health Accessibility among Rural and Urban, Renal Failure
Mr. Dandub Palzor Negi	Assistant Professor	Child & Youth Development & Social Work, Environment Issues
Dr. Rajeev M.M.	Assistant Professor	Disaster Management/microfinance and livelihood programs, Community Health

Academic Activities

1. Expert/Guest lecture/seminar/Visit

Dr. Jahanara M. Gajendragad	IHBAS, New Delhi <i>Mental Health & Social Work Intervention</i>	09/05/2017
Prof. S. Sukumar	University of Delhi <i>Ethnography as a research tool in Social Sciences</i>	05/07/2017
Dr. Monica Munjial Singh	Panjab University <i>Field Work Practices & Challenges in India</i>	09/12/2016

2. Conference/ Workshop/Symposium organized

- One day Capacity Building Workshop for teachers of Mundoti Village was organized on 2nd February 2017.
- One day Career making Workshop for students of nearby villages was organized on 19th January 2017.
- One day ASER-Dissemination Workshop in collaboration with PRATHAM (Jaipur)NGO was organized on 9th March 2017.
- ASER Training Workshop for MSW students was organized in collaboration with PRATHAM (Jaipur) NGO Department from 13th to 14th October 2016.
- Capacity Building Workshop on Budgetary aspects & state budget was organized on 18th October 2016.

Extracurricular activities

- **Swachha Bharat Abhiyan(2016-17)**

Name	Activities
Swachha Bharat Abhiyan 01	Swachha Bharat Abhiyan Programme address by Professor R.T Pardasani on 5 th September 2016
Swachha Bharat Abhiyan 02	Swachha Bharat Rally in the Campus- CURaj
Swachha Bharat Abhiyan 03	Swachhata Street play by students at CURAJ
Swachha Bharat Abhiyan 04	Swachhata cleaning drive at Kheda Govt. School, Bandar Sindri, Kishangarh

- **Day Care Center (2016-17)**

Central University of Rajasthan has established Day Care Centre (DCC) in the month of December,2012 under the UGC's Merged Scheme. The basic objective of establishing DCC is to provide healthy environment to the children below the age of six years belonging to the construction workers of the University. It is located in the University campus at around one Km from academic block. The Centre aims at providing soothing environment to all coming to DCC. Department of Social Work does the regular monitoring with the help of Director, DCC. Since in last two year the strength of children coming to DCC has reduced so one *aya* is appointed to take care of the children.

In DCC, the following activities were performed for the overall development of children including Educational Activities like Alphabet teaching, Mathematical exercises (Number, table, addition, subtraction), learning fruits, vegetables and animals name, body parts, colour and shape recognition etc.; Co-Curricular Activities including action song, group song, solo dance, mask making, craft paper activities, poem recitation etc.; Recreational Activities including Indoor and Outdoor games like Musical Chair, Kabaddi, Kho-Kho etc. to develop their psychomotor skills. The children were also involved in behavioural learning by experiencing healthy habits like washing hands before meals, cleaning of cloths and hair etc. Moral stories were also taught to build their capacities etc. In Group Activities, Morning Prayer, National Anthem, Videos, Group Dance etc. were performed. In order to boost the morale of children, competitions like Drawing and Poster Making etc. were organized.

Festivals and important days like Teachers Day, Diwali, Children's Day, *Holi* etc. were also celebrated to inculcate the feeling of oneness and make them understand the importance of National events.

- **Unnat Bharat Abhiyan**

The Department is also coordinating Unnat Bharat Abhiyan for the University



"Citizen Integration Pledge at Sirohi Village"



"Student organizing health awareness campaign at nearby villages"

Faculty: Academic Endeavours

Invited Lecture/Keynote/Session Chaired

Department of Atmospheres Science

Someshwar Das

"Numerical Simulation of Cloudburst and Severe Thunderstorms". Presented at the National Workshop on "Observational & Computational tools of Nowcasting (OBSCON-2017)", Air Force Administrative College (AFAC), Coimbatore, India. (15-26 May, 2017).

Subrat Kumar Panda

"Role of SST and Snow in simulating the Indian Summer Monsoon based on Model Simulations". Presented in the session "Modeling of the Atmosphere and Climate" at the International Conference "Indo - Dutch Bilateral conference on Climate and Atmospheric Sciences & Applications", Center for Atmospheric Sciences, IIT Delhi funded by DST Govt. of India and Dutch Embassy, New Delhi, India. (20-21 February, 2017).

Department of Biochemistry

M. Krishnan

"Metagenomics - A novel approach on bioremediation". Presented at the International Conference on "Environment and Health in changing climate", Bharathidasan University, Trichy, India. (16 September, 2016). "Introduction to proteomics". Presented as an Invited Lecture at Thiagarajar College, Madurai, India. (16 August, 2017).

C. C Mandal

"Influence of cold temperature and cellular cholesterol on breast cancer growth and metastasis". Presented at "RGCON 2017" organized by Rajiv Gandhi Cancer Institute and Research Centre, New Delhi, India. (3-5 February, 2017).

"Cholesterol Depleting Methyl- β -cyclodexytrin Prevents Epithelial to Mesenchymal Transition and Breast Cancer Driven Osteoclast Activity". Presented at the 3rd International Conference on "Perspective of Cell Signaling and Molecular Medicine" organized by Bose Institute, Kolkata, India. (8-10 January, 2017).

"Influence of Cellular Cholesterol on Breast Cancer Induced Bone Metastasis". Presented at the 7th International Conference on "Stem cells and cancer (ICSCC-2016): Proliferation, Differentiation, and Apoptosis" organized by the International center for stem cells, cancer and biotechnology at Ravindra Bhavan, Margao, Goa, India. (21-23 October, 2016).

Vishvanath Tiwari

"Assessment of antimicrobial activity of bioactive herbal extracts and silver nanomaterials against carbapenem resistant strain of *A. baumannii*". Presented at the 5th Biennial International Conference on "New Development in Drug Discovery From Natural Products and Traditional Medicines", National Institute of Pharmaceutical Education and Research (NIPER), Mohali, India. (18-20 November, 2016).

"Multidisciplinary approach to understand carbapenem resistance" Presented at the India-Japan Symposium on "Advanced Materials Science and Technology", Biyani Girls College, Jaipur, India. (21 October, 2016).

Department of Biotechnology

Pankaj Goyal

“Small Proteins Big Responsibilities”. Presented at National Workshop on “Advanced Microscopy and Imaging Techniques”, sponsored by DSS-Imagetech, Olympus and Central University of Rajasthan, Ajmer, India. (29 June-01 July, 2017).

S. Thangminlal Vaiphei

“Single protein production (SPP) system in E.coli and its potential applications”. Delivered at National Guest Lecture Series 2017, an initiative under DBT-Star College Scheme Govt. of India, Department of Biochemistry, St. Edmund's College, Shillong, India. (17 June, 2017).

Surendra Nimesh

“New Approaches for the Treatment of Hypercholesterolemia and related Cardiovascular Diseases”. Presented at National Symposium on “Recent Trends in Biotechnology and Drug Discovery (RTBDD 2017)”, Shri Mata Vaishno Devi University, Katra, India, (30-31 March, 2017).

Department of Chemistry

R. T. Pardasani

“Novel Synthetic Approaches to Heterocyclic Scaffolds and their Mechanistic Insights with Computational Studies”. Presented at International Conference of “Computational Modeling of Molecules and Materials CM3-2016” at Nainital, India. (20-22 October 2016).

“Current Trends in Chemistry and Science Innovation”. Presented at 1st DST INSPIRE Camp at CURAJ, Ajmer, India. (18 December 2016).

“Transition Metal Catalyzed Synthesis of Biologically Active Heterocyclic Scaffolds”. Presented at National Conference on “New Vistas in Chemical Research” at IIS University, Jaipur, India. (18-19 January 2017).

Raghu Chitta

As a resource person in National Seminar on “Capacity Building Programme on Innovative Practices in Learning of Chemistry at Senior Secondary Level”. SEIMAT, Shimla organized by Regional Institute of Education (RIE), Ajmer, India. (19-22 December, 2016).

As a resource person in National Seminar on “Development of Multimedia in Chemistry at Senior Secondary Level” organized by Regional Institute of Education (RIE), Ajmer, India. (2-6, January, 2017).

“Hypochlorite Promoted Inhibition of Photo-induced Electron Transfer in Phenothiazine-Borondipyrromethene Donor-Acceptor Dyad: A Sensitive, Selective, and Re-Usable Sensor for Hypochlorite Detection”. Presented as invited lecture in National Conference on Luminescence and Application (NCLA-2017) at ICT Hyderabad, India. (9-11 January, 2017).

“Bis- and Tetra-Pyrrole Based Solar Energy Harvesting Compounds: Synthesis, Photophysical Properties, and Applications”. Presented at National Symposium on “Shaping the Energy Future: Challenges and Opportunities (SEFCO-2017)” at Indian Institute of Petroleum, Dehradun, 11-12th May, 2017.

Invited Speaker: Intramolecular Photo-induced Electron and Energy Transfer in Bis- and Tetra-Pyrrole Based Donor – Acceptor Systems: Synthesis and Applications. At International conference on frontiers at the chemistry-allied sciences interface (FCASI) at Rajasthan University, Jaipur India (22-23 July, 2017)

M. Bhanuchandra

"Transition-metal-free synthesis of spirocyclic tetraarylmethanes and carbazoles through two successive nucleophilic aromatic substitution reactions of dibenzothiophene dioxides". Presented at International conference on "frontiers at the chemistry-allied sciences interface (FCASI)" at Rajasthan University, Jaipur, India. (22-23 July, 2017).

Department of Commerce

Praveen Sahu

Praveen Sahu. "Professional Education and Career Opportunities". Presented at the National Workshop on "Career Management", Vrinda Sahay Govt. P.G.College, Dabra, Gwalior, India. 2016.

Praveen Sahu. "Case Studies in Commerce and Management". Presented at "Extension Lecture under UGC NAAC Grant in Govt.", Govt. M.L.B. College of Excellence, Gwalior, India. 2016.

Department of Computer Science

Mamta Rani

"Picard-Mann hybrid Julia and Mandelbrot sets". Presented at 19th Annual Conference of the Vijnana Parishad of India on "Recent Advances in Mathematics and Mathematical Sciences and their Applications (RAMMSA 2016)" & Symposium on "Fixed Point Theory and Applications", HNB Garhwal University, Uttarakhand, India. (10-12 November, 2016).

"Latest research problems in fractal theory". Presented at 19th International Conference of International Academy of Physical Sciences (CONIAPS-XIX) & Symposium on "Fixed Point Theory and Dynamical Systems", Kumaun University, Nainital, India. (17-19 October, 2016).

A. Nagaraju

"Secure Energy Efficient Fault Tolerance Enable using Q-MST". Presented at National Conference on "Recent Trends and simulators for WSN ds and simulators for WSN", Government Women Engineering College, Ajmer, India. (17-22 October, 2016).

"Introduction to Cloud Computing". Presented at National Workshop "Cloud Computing 2016", Government Women Engineering College, Ajmer, India. (7-11 November, 2016).

Nishtha Kesswani

"Security issues in Cloud computing" Presented at National Workshop "Cloud Computing 2016", Government Women Engineering College, Ajmer, India. (22 November, 2016).

"Android App privacy". Presented at Faculty Development Programme on "Innovative trends in computing Technology & Engineering", MITS, Gwalior, India. (22 March, 2017).

Krishna Kumar Mohbey

"Cloud Computing, IoT and Big Data". Presented at Faculty Development Programme on "Innovative Trends in Computing Technology & Engineering" at MITS Gwalior, India. (25 March, 2017).

Department of Computer Science and Engineering

Ravi Saharan

Chaired a Session at International Conference on 'Smart Technologies in Computer and Communication' (Smart Tech-2017), Amity University, Jaipur, India. (29 March, 2017).

Muzzammil Hussain

“Information Security”. Presented at UGC sponsored National Conference on “Current Research Advances in Computer Science (CRACS-17)”, Kakatiya University, Warangal, India. (17-18 March, 2017). “Role of Social Media in e-Governance”. Presented at National Seminar on “Public policy, Governance and Development in India: Issues and Challenges”, Central University of Rajasthan, Ajmer, India. (24 September, 2016) “Security of e-Transactions”. Presented at National Workshop on “cashless economy” Central University of Rajasthan, (08 January, 2017).

Gaurav Somani

“DDoS attacks in Cloud Computing”. Presented at International Conference on “Smart Systems and Innovations in Computing SSIC 2017”, Manipal University, Jaipur, India. (14 April, 2017).

“Cyber Security”. Presented at National Workshop on Cyber Security, “Ingenium 2017”, Ahmedabad University, Ahmedabad, India. (19 February, 2017).

“DDoS Attacks in Cloud Computing”. Presented at International Cloud Security Alliance APAC Congress, Bangalore, India. (22-23 November, 2016).

“Cloud Computing Research and Open Problems”. Presented at National Workshop on Cloud Computing, Government Woman Engineering College, Ajmer, India. (8 November, 2016).

“Cloud Security”. Presented at National Workshop on Cloud Computing, Government Woman Engineering College, Ajmer, India. (9 November, 2016).

“Cloud Security”. Presented at National Workshop on Cloud Security, Government Engineering College, Ajmer, India. (27 September, 2016).

“Access Control in IoT”. Delivered an Expert Lecture at Government Engineering College, Ajmer, India. (27 September, 2016).

“Cloud Computing”. Delivered an Expert Lecture at Teachers Training Workshop, Maheshwari Public School, Jaipur, India. (16 May, 2016).

Karan Verma

“5G using Internet of Thing”. Presented at International Conference on Computer, communications and Electronic “Comptelix-2017”, organized by Manipal University Jaipur and MNIT Jaipur, India. (01-02 July, 2017).

“Wireless Sensor Networking in Internet of Things”. Presented at International Conference on “Optical & Wireless Technologies (OWT)”, MNIT Jaipur, (December. 2016).

Department of Culture and Media Studies

Pranta Pratik Patnaik

“Understanding Community, Radio and Doing Research”. Presented at the National Conference on “Questioning Community Radio in India: Looking Back to Look Forward”, Department of Media & Communication Studies, Savitribai Phule Pune University, Pune, India. (5-7 March, 2017).

“Media and Sexual Minorities”. Presented at the National Conference on “Media and Subalterns in India”, Department of Culture and Media Studies, Central University of Rajasthan, Kishangarh, India. (16-17 March, 2017).

Nicholas Lakra

"Media and Indigenous People". Presented at the National Conference on "Media and Subalterns in India", Department of Culture and Media Studies, Central University of Rajasthan, Kishangarh, India. (16-17 March, 2017).

Department of Economics

Pragati Jain

"Water and Sectoral Conflicts: The State of Rajasthan". Presented at the National Conference on "Water Security in the times of Climate Change- Geopolitical Challenges" organized by TERI, India and KAS, Germany at Goa, India. (11-13 April, 2017).

"Qualitative Data Handling". Presented at the ICSSR sponsored National Workshop on "Research Methodology", Department of Public Policy, Law and Governance, Central University of Rajasthan, Kishangarh, India. (8-17 May, 2017).

Department of Environmental Science

Ritu Singh

"Application of Nanoparticles for Remediation of Organic and Inorganic Pollutants". Presented at the Indo-UK Workshop on "Nano-Biomaterials for Water Purification", MG University, Kottayam, Kerala, India. (12-16 December, 2016).

Department of English

Supriya Agarwal

Chaired a sessions: South Asian Pathways: Languages, gender and Politics, at 21st World Congress of the International Comparative Literature Association, Vienna. (22-26 July, 2016).

Conducted a Panel Discussion at the National workshop on "Literature and Location" organized by Sahitya Akademi and University of Rajasthan, Jaipur, India. (6 February, 2017).

"Gender-Space Dialectics in Contemporary Indian Women's Writing". Presented at National Workshop on "Gendered Urban Spaces: Narratives of Self-Possession", IIS University, Jaipur, India. (17-18 February, 2017).

Chaired a session at the National Conference on "Media and Subalterns in India", Central University of Rajasthan, (16 March, 2017).

Sanjay Arora

"Referencing and Documentation". Presented at EFLU Lucknow, India. (2 September, 2016).

"Research Methodology". Presented at Jaipur National University, Jaipur, India. (16 September, 2016).

Keynote Speaker at the ELTAI National Conference on "Shakespeare Alive", MGD Girls' School, Jaipur, India. (3 October, 2016).

Chaired a session at the ELTAI National Conference on "Shakespeare Alive", Kanoria PG Mahila Mahavidyalaya, Jaipur, India. (7 October, 2016).

"Research Methodology". Presented at Jaipur National University, Jaipur, India. (18 November, 2016).

"Communication Skills". Presented at Seth R.L. Sehriya Govt. PG College, Kaladera, Jaipur, India. (2 December, 2016).

"CV Writing". Presented at Govt. PG College, Jaipur, India. (9 December, 2016).

“Grammar and Competitive Examinations”. Presented at PNKS Govt PG College, Dausa, India. (20 December, 2016).

“English Communication Skills”. Presented at National Workshop, Govt. Shastri Sanskrit College, Dausa, India. (17-21 January, 2017).

“Human Rights and Hypocrisy of the West”. Delivered a plenary talk at the UGC sponsored seminar on “Human Rights”, SRP Government College, Bandikui, 24-25 January, 2017.

“Morphology, Vocabulary Building & Word Formation”. Presented at the MHRD sponsored National Seminar on “Pragmatics of Communication”, Banasthali Vidyapith, Nivai, Tonk, India. (21 March, 2017).

Bhumika Sharma

“Developing Communication Skills”. Presented at Government Engineering College, Bharatpur, India. (20 August, 2016).

Chaired a session at the National Seminar on “Gendered Urban Spaces: Narratives of Self-Possession”, IIS University, Jaipur, India. (17-18 February, 2017).

Chaired a session at the National Seminar on “Media and Subalterns in India”, Department of Culture and Media Studies, Central University of Rajasthan, Ajmer, India. (16-17 March, 2017).

Neha Arora

Chaired a Session at the International Seminar on “Literature, Culture and World Peace”, HERSO, Navi Mumbai, (23-24 September, 2016).

“CV Writing & Interview”. Presented at R.K Patni PG College, Kishangarh, India. (15 December, 2016).

Chaired a session at the National Seminar on “Media and Subalterns in India”, Department of Culture and Media Studies, Central University of Rajasthan, Ajmer, India. (16 March, 2017).

Department of Hindi

N. Lakshmi Aiyar

Keynote Speaker at the International Seminar on “Gender-Arts & Humanity”, Xt. Xaviour College, Jaipur, (14 Sept 2016).

Invitee speaker at the International Conference on “Bhagwad Gita Modern Perspectives”, Guru Jhambheshwarji Maharaj Institute of Religious Studies, Hariyana, India. 8-10 Dec 2016

“Personality Development “. Presented at Sri Vidyaniketan Degree College, Tirupathi, India. (26 July, 17).

Jitendra Kumar Singh “Samaj Ke Nirman Mein Sahitya Ki Bhumika”. Presented at the National Seminar on “Samaj Ke Nirman Mein Sahitya Ki Bhumika” organized by Raja Kanh P.G. College, Jagesarganj, & Samekit Bharteeya Sahitya Sansthan, Basti, India. (18 February, 2017).

“Manviki Vishayon Ke Shikshan Mein Hindi Ki Takniki Shabdavali Ka Mahatva”. Presented at the National Event “Hindi Lao Desh Bachao Samaroh”, Sahitya Mandal, Shrinathdwara, Rajasamand, India. (13-15 September, 2016).

“Buddha Ki Varn-Vyavastha Vishyak Avdharana”. Presented at the National seminar on “Mahatma Gautam Buddha Ke Siddhanton Ki Vartman Samajik Parivesh Mein Upadeyata” sponsored by Ambedkar Pratishthan, New Delhi, Sahitya Mandal, Shrinathdwara, Rajasamand, India. (25-26 May, 2017).

Sandeep Vishwanathrao ranbhirker

“Samaj ke Nirman me Sahitya ki Bhumika”. Presented at the International Seminar on “Samaj ke Nirman me Sahitya ki Bhumika”

Department of Management

Maithili R.P. Singh

Chaired a Session “Economic Trends & Analysis” at the 9th Annual National Confer Business and Management” organized by HSB and Guru Jambheshwar University of Science and Technology, Hisar, India. (8-9 February, 2017)

Sanjay Kumar Garg

“Implementation of GST: impact & challenges”. Presented at the National Seminar on “Research trends in Engineering, Science & Management”, Modi Institute of Technology, Kota, India. (18 March, 2017).

“Derivatives as risk management tool”. Presented at the National Seminar on “Risk Management through Derivatives”, Mohan Lal Sukharia University, Udaipur, India. (21 April, 2017).

“Use of chi square test & cross tabulation analysis in research methodology”. Presented at the National Seminar on “Tools of Research Methodology”, University of Kota, Kota, India. (03 August, 2017).

Avantika Singh

“Financial inclusion and women empowerment”. Presented at the International Conference VIGYA 2016, St. Xavier's College, Jaipur, India. (14 September, 2016).

Department of Mathematics

D.C. Sharma

“Mathematical analysis of machining systems with variable service rate and vacation policy”. Presented at the VIII International Symposium on “Statistics and Optimization”, Aligarh Muslim University, Aligarh, India. (17-19 December, 2016).

“Mathematical analysis of machine repair problems with spares and various vacation policies”. Presented at the National Seminar on “Interdisciplinary Research in Science and Technology”, University of Mewar, Chittorgarh, India. (29-30 May, 2017).

J. K Prajapat

“Hardy Space of Mittag-Leffler function”. Presented at the International Conference on “Special Functions and Applications”, Jamia-Milia Islamia University, New Delhi, India. (9-11 September, 2016).

“Radius of Starlikeness and Hardy Space of Mittag-Leffler functions”. Presented at the International Conference on “Computational Methods and Function Theory (CMFT)”, Maria Curie-Sklodowska University, Lublin, Poland. (10-15 July, 2017).

Amit Chakraborty

“21st century mathematics: trends and emergence”. Presented at the UGC sponsored National Seminar on “Recent developments in Mathematics and its applications in other branches of science”, Department of Mathematics, Kalyani Mahavidyalaya, City Centre Complex, W.B., India. (15 December, 2016).

“Chaos far away from the edge of chaos”. Presented at the UGC sponsored National Seminar on “Emerging advances in Mathematics and its applications in natural sciences”, Department of Mathematics, Sripat Singh College, W.B., India. (17 December, 2016).

Ram Kishor

"The Restricted Three body Problem". Presented at the National Conference on "Role of Mathematical Sciences in Engineering and Technology, (RMSET-2016)", Department of Mathematics, MNNIT, Allahabad, U.P., India. (19-23 October, 2016).

"The Chermnykh-Like Problem". Presented at the National Conference on "Role of Mathematical Sciences in Engineering and Technology, (RMSET-2016)", Department of Mathematics, MNNIT, Allahabad, U.P., India. (19-23 October 2016).

"Lyapunov Characteristic Exponents". Presented at the National Conference on "Role of Mathematical Sciences in Engineering and Technology, (RMSET-2016)", Department of Mathematics, MNNIT, Allahabad, U.P., India. (19-23 October 2016).

J.P. Tripathi

"Mathematical Modeling and Differential Equations". Presented by National Conference on "Innovative Trends in Computing Technology and Engineering", Department of CSE and IT, MITS Gwalior, India. (25 March, 2017).

Vipul Kakkar

"Group Theory". Presented at the National Conference on "Group Theory and Algebra", Department of Statistics, Indira Gandhi National Tribal University, Amarkantak, M.P., India. (25-30 May, 2017).

A.P. Singh

"Presidential Address". Delivered at the "19th Annual National Conference of Vijnan Parishad of India", HNB Garhwal University, Pauri Campus, Pauri, Garhwal, India. (10-12 November, 2016.) "Escaping sets of entire functions". Presented at the National Workshop on "Complex Analysis: Geometric and Dynamical Aspects", Centre of excellence in Mathematical Science, Almorah, India. (14-19 November, 2016.) "Introduction and recent developments in Complex dynamics". Presented at the International Conference on "Recent Advances in fundamental and Applied Science", Lovely Professional University, Punjab, India. (25-26 November, 2016.) "Advances in Complex dynamics". Presented at the Annual National Conference of the Indian Mathematical Society, Kalyani University, Kalyani, India. (27-30 December, 2016).

Department of Microbiology

P.K. Dadheech "Molecular Taxonomy, Systematics & Evolution". Presented at the National Conference on "Fungal Biotechnology" organized by the Mycological Society & BISR, Jaipur, India. (16-18 November, 2016).

Akhil Agrawal "Allyl isothiocyanate in mustard oil: a defensive compound against several diseases". Presented at the 38th All India Rabi Seminar on "Oil seeds, oil trade and industry", MOPA, Jaipur, India. (4-5 March, 2017).

Department of Pharmacy

D. M Sawant "Transition-metal catalyzed new strategies for the synthesis of nanomaterials". Presented at the International Conference on "Advances in Biological Systems and Materials Science in NanoWorld (ABSMSNW-2017)", Indian Institute of Technology (BHU) Varanasi, U.P., India. (20-23 February, 2017). "Understanding drug research and development". Presented at the "National DST INSPIRE Internship Science Camp", Central University of Rajasthan, Kishangarh, India. (14-18 December, 2016).

Ruchi Malik Chaired a session at the "11th Chandigarh Science Congress, CHASCON-2017", Panjab University, Punjab, India. (9-11 March, 2017).

Kaisar Raza “Multifunctional Nano-therapeutic systems for the advanced cancer and other disorders”. Presented as an Invited Lecture at Leibniz-institut fur Polymerforschung, Dresden, Germany. (11 July, 2017). “Dendrimers: A Versatile Nano-carrier for Drug Delivery and Targeting”. Presented at the 2nd International Conference on “Bridging Innovations in Pharmaceutical, Medical and Bio Sciences, INNOPHARM-2”, Innovare Academics Sciences at M.P. Council of Science & Technology, Vigyan Bhawan, Nehru Nagar, Bhopal, M.P., India. (11-12 February, 2017).

Department of Physics

Manish Dev Shrimali “Introduction to Nonlinear Dynamics”. Presented at the National Conference on “DST SERC School on Nonlinear Dynamics”, PSG College of Technology, Coimbatore, India. (1-21 December, 2016). “Synthetic Genetic Oscillators: Synchronization, Phase-flip and Oscillation-death”. Presented at the National Symposium on “Bioinformatics & Computational Systems Biology”, Central University of Himachal Pradesh, H.P., India. (12-14 November, 2016).

Neeraj Panwar “Scanning probe microscope: an indispensable tool for nanoworld”. Presented at the National Workshop on “Nanotechnology for Futuristic Engineering applications”, Poornima University, Jaipur, India. (19 November, 2016).

Department of Public Policy Law and Governance

C. Jeevan Kumar

Chaired a session on “Social Policies and Development” at the National Conference on “Public Polices in India: Issues and challenges”, Central University of Rajasthan, Kishangarh, India. (23-24 September, 2016).

Chaired a session on “Dalits and Media” at the National Conference on “Media and Subaltern in India”, Central University of Rajasthan, Kishangarh, India. (16-17 March, 2017).

“Review of Literature”. Presented at the ICSSR sponsored National Workshop on “Research Methodology”, Central University of Rajasthan, Kishangarh, India. (8-17 May, 2017).

“Social policies and development”. Presented at the National Conference on “Public Policies in India: Issues and Challenges”, Central University of Rajasthan, Kishangarh, India. (23-24 September, 2016).

Anjan Kumar Sahu

“Discourse Analysis”. Presented at the ICSSR sponsored National Workshop on “Research Methodology”, Central University of Rajasthan, Kishangarh, India. (8-17 May, 2017).

Chaired a session at the National Conference on “Media and Subaltern in India”, Central University of Rajasthan, Kishangarh, India. (16-17 March, 2017).

Gyana Ranjan Panda

“How to write research proposal”. Presented at the ICSSR sponsored National Workshop on “Research Methodology”, Central University of Rajasthan, Kishangarh, India. (8-17 May, 2017).

“How to write grant proposal”. Presented at the ICSSR sponsored National Workshop on “Research Methodology”, Central University of Rajasthan, Kishangarh, India. (8-17 May, 2017).

Department of Social Science

Jagdish Jadhav

Chaired a session “Children and Vulnerabilities” at the 4th National Social Work Congress on “Social Development and Social Work Profession: Issues and Challenges”, NAPSWI and Dept. of Social Work, MGKV, Varanasi, India. (22-24 October, 2016).

Chaired the technical session “Best Practices and Innovative Ways of Public Participation” at the National Conference on “Good governance through People’s Participation”. Rambhau Mhalgi Prabodhini, New Delhi, India. (24-25 January, 2017).

“Issues of Most Marginalized Communities in Neo-liberalized Era: In Search for Solutions”. Presented at the National Seminar on “Social Justice in Neoliberal Times: Issues and Concerns” organized by ICSSR and Department of Social Work, University of Delhi, (16–17 April, 2017).

D. P Negi

Chaired a session “Children and Vulnerabilities” at the 4th National Social Work Congress on “Social Development and Social Work Profession: Issues and Challenges”, NAPSWI and Dept. of Social Work, MGKV, Varanasi, India. (22-24 October, 2016).

Atiq Ahmed

“Statistics Application in Social Research”. Presented at the National Workshop organized by ICSSR on “Research Methodology”. Dept. of PPLG, CURAJ, Ajmer, India. (8-17 May, 2017).

Shaizy Ahmed

“Elderly issues & social work interventions”. Presented at the Regional Workshop on “Social Work intervention with reference to the Elderly, Addicts & mental health”, Center for Social Work, Punjab University, Chandigarh, India. (20 March, 2017).

Chaired a Session at the National Seminar on “Media & Subalterns in India” Dept. of culture & media studies, CURAJ, Ajmer, India. (16-17 March, 2017).

Rajeev MM

“Data Collection Procedures in Social Science Research”. Presented at the ICSSR Sponsored National Workshop, Department of Public Policy Law and Governance, Central University of Rajasthan. (May, 2017).

Chaired a Technical Session “Social Policies and Development” at the National Seminar on Public Policy, Governance and Development in India: Issues and Challenges, Central University of Rajasthan, Ajmer, India. (23 September, 2016).

Department of Statistics

Dr. Arvind Pandey

“Computational techniques Using R”. Presented at National Workshop cum Seminar on “Data Analytics Using R with special lectures on Bankruptcy Prediction, Big Data and Data Mining”, Dr. Shakuntala Misra National Rehabilitation University, Lucknow, India. (22-24 June, 2017).

“Introduction to SPSS”, Presented at the National Workshop at MDS University Ajmer (22 May 2017).

Conference/Workshop/Seminar Attended

Department of Biotechnology

S. Tapryal

Kumar S., Singh V.K., Vasam M., **Tapryal S.** “Enhancement of inclusion body purity using strategic sonication in presence of detergents and chaotropic agents”. Presented a Poster at the “International Conference on Current Trends in Biotechnology (ICCB 2016)”, organized by BRSI and VIT University, Vellore, India (8-10 December 2016).

J.K. Yadav

Kumar V., **Yadav J.K.** "Role of semen derived amyloids on sperm viability and motility: Relevance in male infertility". Presented at International Conference on "Reproductive Health with Emphasis on Strategies for Infertility, Assisted Reproduction and Family Planning & 22nd Annual Meeting of the Indian Society for the Study of Reproduction and Fertility", AIIMS, New Delhi, India (23-25 January, 2017).

Tarun K Bhatt

Tarun K. Bhatt. "Secretory proteins of malaria parasite as potential drug and vaccine targets". Presented at the National Conference on "Recent Advances in Chemistry", Banswara, India (28-29 November, 2016).

Tarun K. Bhatt. Presented at National workshop on "NGS data: Assembly and exploration", NIPGR, New Delhi, India (10-11 March, 2016).

Surendra Nimesh

Arya G., **Nimesh S.** "Nanoparticles Assisted Delivery of Therapeutic Nucleic Acids for Gene Therapy". Presented a poster at the National Symposium on "Recent Trends in Biotechnology and Drug Discovery (RTBDD 2017)", Shri Mata Vaishno Devi University, Katra, India (30-31 March, 2017)

Department of Culture and Media Studies

P.P. Patnaik

Patnaik P.P. "Radio without Community: Media, Democracy and Public Sphere in Rajasthan". Presented at the National Conference on "Questioning Community Radio in India: Looking Back to Look Forward Department of Media & Communication Studies", Savitribai Phule Pune University, Pune, India (5-7 March, 2017).

Patnaik. P.P "Liberation within Bondage: Social Media and Sexual Identity in India". Presented at the National Conference on "Role of Social Media in Society Transformation", Department of Sociology, Lucknow University, Lucknow, India (25-26 March, 2017).

Department of Commerce

S.K. Soriya

Soriya S K. "A review of corporate governance literature: 1995-2016". Presented at the National Conference on "Embracing the Digital Era: Management Perspectives", University School of Management Studies, Guru Gobind Singh Indraprastha University, Delhi, India (13 January, 2017).

Soriya S K. "CSR and its impact on corporate financial performance: evidence from India". Presented at the National Conference on "Business and Management", HSB, Hisar, India (10-11 February, 2017).

Neha Seth

Seth N., "Contagion of GFC and ESDC in Indian Sectoral Indices: A Case of DCC approach". Presented at the International Conference on "New Paradigms in Financial Sector: Challenges and Opportunities", IIS University, Jaipur, India (10-11 February, 2017).

Seth N., "Volatility Interdependency: A Quantile Regression Analysis in Asian Stock Markets". Presented at the National Conference on "Financial Markets and Corporate Finance", Vinod Gupta School of Management, Indian Institute of Technology, Kharagpur, India (7-8 July, 2017).

Seth N., "Time-Varying Correlation between India with Selected Stock Markets and USA". Presented at the National Conference on "Financial Markets and Corporate Finance", Department of Management Studies, Indian Institute of Technology, Madras, India (12-13 August, 2016).

S.K. Patel

Patel S.K., Verma P.K., "Performance Evaluation of Hybrid Mutual Fund Schemes in India: An Empirical Study of ELSSs". Presented at the 69th All India Commerce Conference, Lucknow University, Lucknow, India (11-13 November, 2016).

Department of Computer Science

A. Nagaraju

Nagaraju A., Singh A. "Connected dominating set based network coding for SDN". Presented at the 2nd International Conference on "Contemporary Computing and Informatics IC3I", sponsored by IEEE and Amity University, Noida, India (14-17 December, 2016).

Nagaraju A. "Performance evaluation of shortest path routing algorithms in real road network". Presented at the "International Conference on Data Engineering and Communication Technology 2016", Lavasa, Pune, India (10-11 March, 2016).

Verma P., **Nagaraju A.** "Comparative analysis of algorithms for identification of session on the basis of threshold value". Presented at the 3rd International Conference on Computing for sustainable global development (INDIACOM) 2016", Bharati Vidyapeeth, New Delhi, India (16-18 March, 2016).

C.R. Panigrahi

Sarkar J. L., **Panigrahi C. R.**, Pati B., Prasath, R., "MiW: An MCC-WMSN integration approach for performing multimedia applications". Presented at the 4th International Conference on "Mining Intelligence and Knowledge Exploration (MIKE 2016)", Maxico City, Maxico (13-19, November, 2016).

Verma R.K., Sarkar J.L., Trivedi R., **Panigrahi C.R.**, Pati B. "An emergency response approach for wireless industrial sensor networks". Presented at the International Conference on Communication, Computing, and Networking (ICCCN 2017), NITTTR Chandigarh, India (23-24 March, 2017).

Ramasamy V., Sarkar J. L., Debnath R., **Panigrahi C. R.**, Pati B. "MusMed: Balancing blood pressure using music therapy and ARBs". Presented at the International Conference on Computational Intelligence in Data Mining (ICCIDM 2016), KIIT University, Bhubaneswar, India (10-11 December, 2016).

Department of Computer Science and Engineering

Karan Verma

Verma K., Varshney T., "Rectifying flow of duplicacy using Bloom-filter". Presented at the International Conference on "Computer, communications and Electronice (Comptelix)", Manipal University, Jaipur, India (01-02 July, 2017).

Verma K., Varshney T., "Modified IP passing scheme to check correctness of passing IP in VANET". Presented at the International Conference on "Computer, communications and Electronice (Comptelix)". Manipal University, Jaipur, India (01-02 July, 2017).

Shekhawat H., **Verma K.**, "Privacy Preserving Techniques for Big Data Analysis in Cloud". Presented at the International Conference on Advances in Internet of Things and Connected Technologies, MNIT Jaipur, India (26-27 May, 2017).

Varshney T., **Verma K.**, "Rectifying network and loop free forwarding using time synchronization". Presented at the International Conference on Optical & Wireless Technologies, MNIT Jaipur, India (18-19 March, 2016).

Verma K., Shekhawat H., "Privacy preserving techniques for Big Data Analysis in cloud". Presented a poster at the 2nd "India International Science Festival", CSIR New Delhi, India (7-11 December, 2016).

Varshney T, **Verma K**, "BIG DATA - a positive reinforcement in rural area". Presented a poster at the 2nd "India International Science Festival", CSIR New Delhi, India (7-11 December, 2016).

Ravi Saharan

Taylor, A, **Saharan R**, "Resilient Sorting Algorithm Against Memory Faults". Presented at the "International Conference on Cyber Security (ICCS 2016)", RTU Kota, India (13-14 August, 2016).

Saharan R, Singh M, "A New Approach For Suspect Detection In Video Surveillance". Presented at the "International Conference on ICT for Sustainable Development (ICT4SD 2016)", Panaji, India (1-2 July, 2016).

Saharan R, Meena, D., "An Approach to Face Detection and Recognition". Presented at the "International Conference on Recent Advances & Innovations in Engineering (ICRAIE-2016)" organized by IEEE and Poornima University, Jaipur, India (23-25 December, 2016).

Rathor B, **Saharan R**, "Steganography using Bit plane Embedding and Cryptography". Presented at the International Conference on "Smart Systems, Innovations and Computing (SSIC-2017)", Manipal University, Jaipur, India (15 April, 2017).

Muzzammil Hussain

Hussain M, Jain U., "Simple, secure and dynamic protocol for mutual authentication of nodes in wireless sensor networks". Presented at the 2nd International Conference on "Electrical, Computer and Communication Technologies", organized by IEEE and SVS College of Engineering, Coimbatore, India (22-24 February, 2017).

Hussain M, Badetia N., "Distributed mechanism for authentication of nodes in wireless sensor networks". Presente at the 2nd International Conference for Convergence in Technology (I2CT 2017), organized by IEEE, Pune, India (7-9 April, 2017).

Hussain M, Kaliya N., "Framework for privacy preservation in IoT through classification and access control mechanisms". Presented at the 2nd IEEE International Conference for Convergence in Technology (I2CT 2017), organized by International IEEE, Pune, India (7-9 April, 2017).

Yadav P, **Hussain M**, "A Secure AODV routing protocol with node authentication". Presented at International Conference on Electronics, Communication and Aerospace Technology (ICECA 2017), organized by IEEE and RVS Technical Campus, Coimbatore, India (20-22 April, 2017).

Hussain M, Kaliya N., "An improvised framework for privacy preservation in IoT". Presented at the International Conference on Advances in Internet of Things and Connected Technologies (ICIoTCT) 2017, MNIT Jaipur, India (26-27 May, 2017).

Sultana R, **Hussain M**, "Mitigating primary user emulation attack in cognitive radio network using localization and variance detection". Presented at the 1st International Conference on Smart Systems, Innovations and Computing (SSIC-2017), Manipal University, Jaipur, India (15-16 April, 2017).

Kumar A, **Hussain M**, "Secure query processing over encrypted database through CryptDB". Presented at the 5th International Conference on Advanced Computing, Networking, and Informatics (ICACNI-2017), NIT Goa, Ponda, India (01-03 June, 2017).

Kumar B, **Hussain M**, "BRRC: A hybrid approach using block cipher and stream cipher". Presented at the "International Conference on Advanced Computing and Intelligent Engineering (ICACE 2016)", C V Raman College of Engineering, Bhubaneswar, India (21-23 December, 2016).

Gaurav Somani

Shankar V.G., Gaur M.S., Laxmi V., Conti M., **Somani G.**, "AndroTaint: an efficient android malware detection framework using dynamic taint analysis". Presented at the 1st International Conference on Asia Security & Privacy (Asia S&P 2017), organized by IEEE at NIT Surat, India (29 January-1 February, 2017).

Department of Chemistry

Sunil G. Naik

Sunil G. Naik. "Detection of reaction intermediate in a biochemical reaction using rapid freeze quench technique: A case study on the dioxygen activation on substrate hydroxylation". Presented at International Conference "SABIC-2016", Kolkata, India (7-11 January, 2017).

Easwar Srinivasan

Easwar Srinivasan. "Effect of *Through-Bond* Ion-tag Proximity in an Imidazolium-Proline Catalysed Direct Asymmetric Aldol Reaction". Presented at the National Conference on "Organic Chemistry in Sustainable Development", BITS Pilani, India (29-30 August, 2016).

Easwar Srinivasan. "Exploring Natural Amino Acids as Catalysts: The Proline-Arginine Story". Presented at the National Seminar on "Recent Trends in Eco-friendly Chemistry", Central University of Haryana, Mahendragarh, India (29 September, 2016).

Easwar Srinivasan. "*Through Space* and *Through Bond* Proximity of the Ion-Tag in an Imidazolium-Proline Catalysed Asymmetric Aldol Reaction". Presented a poster at the Pre-International Conference on Organoc Synthesis (pre-ICOS), IISER, Bhopal, India (9-10 December, 2016).

Anuj K Sharma

Rana M., **Sharma A.K.** "Congo-Red-inspired-azo-stilbene molecular frameworks designed for metal-chelation therapy in Alzheimer's disease". Presented a poster at the International conference on "Frontiers at Chemistry-Allied Sciences Interface", Rajasthan University, Jaipur, India (22-23 July, 2017).

Rana M., **Sharma A.K.** "Smart Metal Chelating Agents for Neurodegenerative diseases". Presented a poster at the International conference on "Frontiers at Chemistry-Allied Sciences Interface", Rajasthan University, Jaipur, India (25-26 April, 2016)

Sharma A. K "Magneto-Structural Properties of Phenol- and acetate-bridged Polynuclear Transition Metal Complexes". Presented at the National Symposium on Technologically Advanced Functional Materials (NSTAFM-2017), Department of Physics, Central University of Rajasthan, Ajmer, India (16-17 March, 2017)

Chandrakanta Dash

Dash C., Yadav S., Dias H.V.R. "Novel Hg(II) complexes supported by N-heterocyclic carbene ligands: Synthesis and structural studies". Presented a poster at the 20th CRSI National Symposium in Chemistry organized by Gauhati University and CRSI, India (3-5 February, 2017).

Dash C., Yadav S. "Synthesis and catalytic application of new bis-(pyrrolyl) pyridine based NNN-pincer palladium(II) complexes". Presented a poster at the 20th CRSI National Symposium in Chemistry organized by Gauhati University and CRSI, India (3-5 February, 2017).

Dey J., Yadav S.; **Dash C.** "Water soluble Bis-N-heterocyclic carbene ligands and their metal complexes: Synthesis and Characterization". Presented a poster at the 20th CRSI National Symposium in Chemistry organized by Gauhati University and CRSI, India (3-5 February, 2017).

Yadav S., **Dash C.** "New Pd-PEPSI complexes: Synthesis and Catalytic Activity in C-H Bond Alkylation of Azoles with Alkyl Halides". Presented a poster at the International Conference on "Frontiers at the Chemistry-Allied Sciences Interface (FCASI-2017)", Rajasthan University, Jaipur, India (22-23 July, 2017).

Dash C., Yadav S., Dey J. "Synthesis and catalytic application of N-heterocyclic carbene based zinc(II) complexes in hydrohydrazination of alkynes". Presented a poster at the International Conference on "Frontiers at the Chemistry-Allied Sciences Interface (FCASI-2017)", Rajasthan University, Jaipur, India (22-23 July, 2017).

Ramalingam T.

Ramalingam T., Chivers T., Häggman S., Mansikkamäki A., Morgan I.S., Tuononen H.M., Lahtinen M., Konu J. "Nickel and Zinc Complexes of $[Li\{S(H)C(PPh_2S)_2\}]_2$: Synthesis, Structural Characterization, Variable Temperature ^{31}P NMR and Theoretical Study". Presented at the 21st CRSI National Symposium in Chemistry & CRSI-ACS Symposium in Chemistry at CSIR-IICT Tarnaka, Hyderabad, India (3-16 July, 2017).

Department of Economics

Mohd. Hussain Kunroo

Kunroo M.H., Sofi I.A., Khurana M., Mogha S.K., "Re-visiting the impact of the Euro on trade flows: New evidence using gravity equation with Poisson count-data technique". Presented at the International Conference on "Advances in Intelligent Systems and Computing", Singapore. (2017).

Department of Environmental Science

Devesh Sharma

Sharma D., "Water security assessment of Jaipur city". Presented at the International Conference on "Water Security and Climate Change: Challenges and Opportunities in Asia" organized by CNRD-SWINDON-AIT at AIT, Thailand. (29 November, 2016-01 December, 2016).

Sharma D., Dubey S.K., "Impact assessment of climate change on water yield using CORDEX-SA projections – a case of Banas river basin of Rajasthan, India". Presented at the International Conference on "Water Security and Climate Change: Challenges and Opportunities in Asia" organized by CNRD-SWINDON-AIT at AIT, Thailand. (29 November, 2016-01 December, 2016).

Ritu Singh

Singh R., Pathak A.K., Kumar S., "Application of Nanoparticles for Remediation of Textile Industry Wastewater". Presented at the International Conference on Nanoscience and Nanotechnology (ICNAN'16)", VIT University, Vellore, India. (19-21 October, 2016).

Alok Kumar

Kumar A., Ramanathan A.L., "Distribution and enrichment of trace metals in the core sediments of Indian and Bangladesh part of the Sundarban estuarine-mangrove complex". Presented at the International Conference, ECSA-56 on "Coastal systems in transition from a 'natural' to an 'anthropogenically modified' state", ECSA, Bremen, Germany. (4-7 September, 2016).

Department of Education

Narendra Kumar

Kumar N., "Status of Environmental Education in Indian Schools". Presented at the National Conference on "Emerging Environmental Concerns and Public Health", Shahid Mangal Pandey Govt. College, Meerut, India (11-12 December, 2016).

Kumar N., "Significance of Value Education in Indian Schools". Presented at the National Seminar on "Technology and Value Education", B.K.M. College of Education, Balachaur, Punjab, India (22 January, 2017).

Kumar N., "Role of Peace Education for Communal Harmony in India". Presented at the National Conference on "Role of Media in Terrorism and Communalism: It's Impact on Society", Ismail National Mahila P.G. College, Meerut, India (28-29 January, 2017).

Kumar N., "Significance of Education for Women Empowerment in India". Presented at the ICSSR sponsored National Seminar on "Women's Employment, Entrepreneurship and Employment: Sustainable Pathways to Egalitarian Society", The IIS University, Jaipur, India (30-31 January, 2017).

Kumar N., "Effective Indicators of Professionalism in Teachers". Presented at the National Conference on "Quality Assurance, Enhancement and Sustainability in Teacher Education", Aravali College of Advanced Studies in Education, Faridabad, India (7-8 February, 2017).

Kumar N., "E- Learning: Needs and Importance". Presented at the ICSSR sponsored National Seminar on "Distance and E-Learning in Global Context", University School of Open Learning, Punjab University, Chandigarh, India (15 February, 2017).

Kumar N., "Need for Skill Development of rural youths through ODeL in India". Presented at the International Conference on "Skill Development through ODeL: Innovations, Entrepreneurship, Employment for inclusive and sustainable livelihoods", STRIDE, IGNOU, New Delhi, India (9-11 March, 2017).

Kumar N., "Growth and Expansion of Teacher Education through Open and Distance Mode in India". Presented at the National Conference on "Teacher Education through Open and Distance Learning: Challenges and the Road Ahead", School of Education, IGNOU, New Delhi, India (27-29 March, 2017).

Gobind Singh

Singh G., "Integrated Approach to Value Education". Presented at the National Seminar on "Technology and Value Education", B.K.M. College of Education, Balachaur, Punjab, India (22 January, 2017).

Singh G., "Entrepreneurship Education: A Panacea For Reducing Unemployment and Poverty" Presented at the ICSSR sponsored National Seminar on "Women's Employment, Entrepreneurship and Employment: Sustainable Pathways to Egalitarian Society", The IIS University, Jaipur, India (30-31 January, 2017).

Singh G., "The Role of ICT in Entrepreneurship Development". Presented at the ICSSR sponsored National Seminar on "Distance And E-Learning in Global Context", Department of Education, USOL, P.U., Chandigarh, India (15 February, 2017).

Singh G., "University Students Entrepreneurial Attitude in Relation to their Socio-Economic-Status". Presented at the International Conference on "Startup India Recipe For Inclusive Entrepreneurship and Innovation: Issues and Challenges", Institute of Management Studies and Research, Maharishi Dayanand University, Rohtak, India (2-3 March, 2017).

Singh G., "Entrepreneurship and Skill Development: A Progressive Pathway to National Development". Presented at the Inter-Disciplinary National Seminar on "Skill Development: Challenges and Implementation", Guru Nanak Girls College, Yamunanagar, Haryana, India (18 March, 2017).

Singh G., "Teacher As A Facilitator and Supporter of Learning". Presented at the National Seminar on "Impact of Assessment & Accreditation by NAAC on TEI's of India", Lord Krishana College of Education, Adhoya, Barara, Ambala, Haryana, India (31 March, 2017).

Department of English

Supriya Agarwal

Agarwal S., "Anesthetization of Gender and Politics in the Memoirs of Nayantara Sahgal and Sara Suleri". Presented at the 21st World Congress of the International Comparative Literature Association, Vienna. (21-27 July, 2016).

Agarwal S., "Silenced in the Castle of Gendered Delusion". Presented at the National Seminar on "Re-thinking Empowerment: Gender and Development in India", organized by Maulana Azad national Urdu University, Hyderabad, India (19-20 September, 2016).

Sanjay Arora

Arora S. "Teaching Linguistic Complexities through Concentric Circles". Presented at the International conference on "Faces of English 2: Teaching and Researching Academia and Professional English", organized by Centre for Applied English Studies, University of Hong Kong. (1-3 June, 2017).

Arora S. "Colloquium". Presented at the International Conference on "English Language Acquisition: Western Theories and Eastern Practices", St. Teresa's College, Ernakulam, Kerala, India (29 June–1 July, 2017).

Bhumika Sharma

Sharma B., "Connecting to the 'Self': Indian Philosophy in Modern Texts". Presented at the National Seminar on "Indian Philosophy in Modern Perspective", sponsored by Indian Council of Philosophical Research organized, Central University of Rajasthan, Ajmer, India 28-29 July, 2016.

Sharma B., "Towards a 'Holistic' Knowledge: Humanities Critical Intent in the Age of Science". Presented at the National Seminar on "Applied Science and Humanities in Engineering", JECRC, Jaipur, India (9-10 September, 2016).

Sharma B., "Women's Rights in India: Constructing the Nexus between Society, Culture and Laws". Presented at the National Seminar on "Re-thinking Empowerment: Gender and Development in India". Maulana Azad National Urdu University, Hyderabad, India (19-20 September, 2016).

Sharma B., "'Self' and the 'Space': The Idea of Dwelling in African-American Fiction". Presented at the International Conference on "Literature as Cartography", St. Xavier's College, Jaipur, India (27-28 January, 2017).

Sharma B., "What is 'Built' for Me? Gender Coded Spaces in African-American Writing". Presented at the National Seminar on "Gendered Urban Spaces: Narratives of Self-Possession", IIS University, Jaipur, India (17-18 February, 2017).

Sharma B., "Your Language, My Voice: Gender, Nation and Postcolonial Identity in Shinde's 'English Vinglish'". Presented at the National Seminar on "Media and Subalterns in India", CMS Department, Central University of Rajasthan, Ajmer, India (16-17 March, 2017).

Sharma B., "From Exclusion to 'Inclusive' Ethics: Socio-political concerns in Tolstoy's *Anna Karenina*". Presented at the International Conference on "Environmental Justice: Culture, Resistance & Ethics", Dr. K.N. Modi University, Tonk, India, (24-25 March, 2017).

Neha Arora

Arora N., "Revolt of 1857: From *Sham-e-Awadh* to *Sham of Awadh*". Presented at the International Conference on "Literature, Culture and World Peace", Organized by HERSO at Pune, India (23-24 September, 2016).

Arora N., "Dalit/ Dirty Politics: Is India Shining?". Presented at the International Conference on "The Cultures of New India", Shri Ramswaroop Memorial University, Lucknow, India (17-18 February, 2017).

Arora N., "The Silencing of the *Ghungroos*: Hearing 'Her-Story' in Ruswa's *Umrao Jan Ada*". Presented at the 16th MELOW International Conference on "Distortions and Erasures: Literature as History; History in Literature", Chandigarh, India (3-5 March, 2017).

Devendra Rankawat

Rankawat D., "The Idea of Human Self in Indian Philosophy & Its Implication in the Study of Diasporic Experience". Presented at the National Seminar on "Indian Philosophy in Modern Perspective", sponsored by Indian Council of Philosophical Research organized, Central University of Rajasthan, Ajmer, India 28-29 July, 2016.

Rankawat D., "Shakespeare's 'To Be or Not To Be': Translated and Adapted in India". Presented at International Conference on "William Shakespeare through the Ages", organized by RASE and Dr. K.N. Modi University, Tonk, India (5-6 November, 2016).

Rankawat D., "Media as Voice of the 'Subalterns' in Bollywood Films: A Critical Analysis". Presented at the National Seminar on "Media and Subalterns in India", CMS Department, Central University of Rajasthan, Ajmer, India (16-17 March, 2017).

Ved Prakash

Prakash V., "Gloomy Days and Curfewed Nights: The Displacement of Nagas through the short stories of Temsula Ao". Presented at the International Conference on "Location, Identity, Solidarity: Hegemonic Formations and Contestations (with a special focus on the North-East)", organized by IACLALS & IIT Guwahati, India (15-17 February, 2017).

Prakash V., "Rhythms of Resistance: A Study of the Kondh Tribe of Orissa through 'Blood Earth' Project". Presented at the National Conference on "Tribes in Transition II: Reaffirming Indigenous Identity through Narrative", organized by Jamia Millia Islamia, New Delhi, India (27-28 February, 2017).

Prakash V., "Dislocation and Degradation: A Critical Analysis of the Siddis of Africa/India". Presented at the International Conference supported by International forum for scholars of African Studies on "Africa Today", Centre for Studies in African Literatures and Cultures, Jadavpur University, Kolkata, India (14-15 March, 2017).

Prakash V., "Performing Resistance and Resisting Oppression: A Study of the 'Bant Singh Project'". Presented at the National Seminar on "Media and Subalterns in India", CMS Department, Central University of Rajasthan, Ajmer, India (16-17 March, 2017).

Department of Hindi

Jitendra K Singh

Singh J.K., "Pathalochan Ki Pravidhi". Presented at National Seminar on "Pathalochan Ki Pravidhi : Samasyayen Aur Sambhavnayen", organized by JLN Mahavidyalaya, Banda, in collaboration with KHS, Agra, India (10-11 September, 2016).

Singh J.K., "Paryavaran Sanrakshan Evam Santulan". Presented at the National Seminar on "Rashtrya Hindi Vigyan Sammelan" organized by Vigyan Bharati, Rajasthan in collaboration with Madhyamik Shiksha Board, Rajasthan, India (16-17 December, 2016).

Singh J.K., "Machine Anuvad: Ek Anushilan". Presented at the National Seminar sponsored by UGC at Gujrat Vidyapeeth, Ahmadabad, India (11-13 February, 2017).

Singh J.K., "Hindi Cinema Ke Sau Sal: Ek Vishleshan". Presented at the National Seminar on "Cinema, Sahitya Aur Samaj", sponsored by UGC at University of Rajasthan, Jaipur, India (25-26 March, 2017).

Mamta Khandal

Khandal M., "Jayshankar Prasad ki rachnaon mein rashtriy chetna". Presented at National Seminar on "Adhunik Hindi Kavita Mein Rashtriy Chetna (Bhartendu Yug se Chayawad Tak)", sponsored by UGC, Sahitya Akademi at Hindi Vibhag, Bundelkhand University, Jhansi, India (07-08 March, 2017).

Khandal M., "Rajasthan ka lok sahitya aur bhartiya sanskriti(vartaman mein badalti sanskriti ke pariprekshy mein)". Presented at National Seminar on "Sahitya Ka Lok Aur Lok Ka Sahitya: Hindi Sahitya ke Pariprekshy Mein", Srijanlok and Department of Hindi SRM University, India (17-18 March, 2017).

Khandal M., "Bhartiya cinema mein chitrit pravasi bhartiya". Presented at the National Seminar on "Cinema, Sahitya aur Samaj", Department of Hindi, Rajasthan University, Jaipur, India (26 March, 2017).

Suresh S Rathore

Rathore S.S., "Sahitya aur paryatan ke vividh sarokar". Presented at the International Seminar on "Paryatan ke lok sarokar", organized by IIMF at LBS College, Jaipur, India (9-10 September, 2016).

Rathore S.S., "Adhyatm ke dwara bharatiy samaj men parivartan hetu media ki bhumika". Presented at the National Seminar on "Media Aur samajik sarokar (Adhyatm ke vishesh sandarbh men)", Braham Kumari Sansthan, Abu Road, India (16-20 September, 2016)

Rathore S.S., "Gair adiwasi rachanakaron ke upnyason men abhivyakt adiwasiyon ki samasya". Presented at the National Seminar on Samkalin adiwasi vimarsh: samajik-sanskritik paridrishy", Department of Hindi, MLSU Udaipur, India (7-8 October, 2016).

Sandeep V Ranbhirker

Ranbhirker S.V., "Vaishnav Sahitya Parampara me Ashtachhap kaviyo ki Bhumika". Presented at the National Seminar on "Madhyakalin Vaishnav Sahitya: Bhasha Samaj Aur Sanskriti", University of Rajasthan, Jaipur, India (8-9 November, 2016).

Department of Management

Maithili R. P. Singh

Kalroopia R., **Singh M.R.P.**, "Developing marketing strategies for silk route as a tourist destination". Presented at the National Seminar on "Silk Route Tourism: The Revival of Tributaries of Cultural & Archeological Heritage", School of Business Studies, Central University of Jammu, Jammu, India (4-6 May, 2017).

Sanjay Kumar

Gupta S., **Kumar S.**, "Aging India: opportunities and challenges for retail banking". Presented at the National Seminar on "Achieving Corporate Excellence in Changing Times", Jaipuria Institute of Management, Indore, India (29 April, 2017).

Avantika Singh Somani N., **Singh A.**, "Antecedents and consequences of financial capability and financial inclusion for women empowerment in Rajasthan: A scale development and validation". Presented at the 5th International Conference on "Green, Growth, Globalization and Governance: Challenges and Opportunities", JK Lakshmi Pat University, Jaipur, India (3-5 February, 2017).

Pathodia G., **Singh A.**, "Study of spirituality at workplace among young employees". Presented at the 2nd National Conference on "New Paradigms in Management, Economics & Commerce: A Journey Ahead", Mody University, Lakshmanagarh, Sikar, India (17-18 February, 2017).

Singh A., "Old is gold: Relooking at management theory and practice from the perspective of ancient Indian philosophy". Presented at the Indian Council for Philosophical Research (ICPR) Sponsored National Seminar on Indian Philosophy in Modern Perspective. Central University of Rajasthan, Ajmer, India (28-29 July, 2016).

Tulsi G Goswami

Goswami T.G., "Job Satisfaction Among Doctors: An Empirical Analysis". Presented at the 14th IASSH Annual Conference, Centre for the Study of Social Exclusion and Inclusive Policy, Gokhale Institute of Politics and Economics, Pune, India (20-22 September, 2016).

Department of Mathematics

D.C. Sharma

Sharma D.C., "Mathematical analysis of machining system with spares, variable service rate and partial server vacation". Presented at the 3rd International Conference on "Emerging trends of engineering, science, management and its application", Academic Science, India International Centre, New Delhi, India (10 January, 2016).

Sharma D.C., "Mathematical Analysis of machining system with spares and multiple service rate". Presented at the International Conference on "Recent advances in pure and applied mathematics" & "28th Annual Conference of Rajasthan Ganita Parishad", Department of Mathematics, Udaipur, India (13-15 February, 2017).

Sharma D.C., "Mathematical Analysis of Machine repair problem with common cause failure, hot spares and multiple repairmen". Presented at the 21st Conference of the International Federation of Operational Research Societies, IFORS-2017, Quebec city Canada (14-21 July, 2017).

Vidyottama Jain

Jain V., Arthanari T., Dharmaraja S., "Crop Insurance: A Game Theoretic Approach". Presented at the 49th Annual Convention of the Operational Research Society of India & International Conference on "Analytics in Operational Research-2016", Birla Institute of Management Technology, India (12-14 December, 2016).

Ram Kishor

Kishor R., "Lyapunov Characteristic Exponents in the Chermnykh-like Problem under the influence of Perturbations". Presented at the International Conference of The Indian Mathematics Consortium (TIMC) in co-operation with American Mathematical Society (AMS) (ICTIMAMS-2016), DST Center for Interdisciplinary Mathematical Sciences, BHU Varanasi, India (14-17 December, 2016).

J.P. Tripathi

Tripathi J.P., "A model of social behavior: criminal vs non-criminal". Presented at the International Conference on "Applied Analysis and Mathematical Modeling", Marmara University, Istanbul Gelisim University, Istanbul, Turkey (3-7 July, 2017).

Department of Microbiology

Pradeep Verma

Bhardwaj N., Chanda K., Prasad H., Chaturvedi V., Sharma G.D., Bhatt R., **Verma P.**, "Production and Optimization of Xylanase from *Aspergillus oryzae* (LC1) using OFAT and RSM". Presented at the National Conference on Fungal Biotechnology (NCFB-2016) and 43rd Annual Meeting of Mycological Society of India, Department of Biotechnology, Birla Institute of Scientific Research, Jaipur, India (16-18 November, 2016).

Agrawal K., **Verma P.**, "Laccase a "Green Tool" from various ecological niches of Rajasthan". Presented at the National Conference on Fungal Biotechnology (NCFB-2016) and 43rd Annual Meeting of Mycological Society of India, Department of Biotechnology, Birla Institute of Scientific Research,, India (16-18 November, 2016).

Kumar B., **Verma P.**, "Fungal Assisted Microwave Pretreatment of Rice Straw for Enhanced Enzymatic Hydrolysis". Presented at the National Conference on Fungal Biotechnology (NCFB-2016) and 43rd Annual Meeting of Mycological Society of India, Department of Biotechnology, Birla Institute of Scientific Research,, India (16-18 November, 2016).

Pawan K Dadheech

Gothwal R.K., **Dadheech P.K.**, "Significance of DNA-Barcoding in the Systematics of Fungi: An Overview Poster Presentation". Presented at the National Conference on Fungal Biotechnology (NCFB-2016) and 43rd Annual Meeting of Mycological Society of India, Department of Biotechnology, Birla Institute of Scientific Research,, India (16-18 November, 2016).

Nidhi Pareek

Dash S., Kumar M., Brar A., Vivekanand V., **Pareek N.**, "Enhanced antibacterial action of chitosan nanoparticles via synergism with berberine". Presented at the World Biotechnology Congress, New Delhi, India (20-22 February, 2017).

Kumar M., Brar A., **Pareek N.**, "Thermostable chitinase producing fungal strains from Rajasthan and production of chitooligosaccharides". Presented at the National Conference on Fungal Biotechnology (NCFB-2016) and 43rd Annual Meeting of Mycological Society of India, Department of Biotechnology, Birla Institute of Scientific Research,, India (16-18 November, 2016).

Kumar M., **Pareek N.**, "Bioprocessing of olive oil mill waste:step towards the commercial production of biosurfactants". Presented at the 4th Rajasthan Science Congress organized by Vaigyanik Dristhikon Society and **JK Lakshmipat University, Jaipur, India (15-17 October, 2016).**

Brar A., **Pareek N.**, "An integrated approach towards algae mediated remediation of textile effluents and biogas production". Presented at the 4th Rajasthan Science Congress organized by Vaigyanik Dristhikon Society and **JK Lakshmipat University, Jaipur, India (15-17 October, 2016).**

Kumar M., Brar A., Vivekanand V., **Pareek N.**, "Production of bioactive chitooligosaccharides from chitinase derived from thermophilic fungi". Presented at the 11th Asia Pacific Chitin and Chitosan Symposium & 5th Indian Chitin and Chitosan Society Symposium, Kerala, India (28-30 September, 2016).

Akhil Agrawal

Agrawal A., "Treatment of produced water by nitrate injection for reuse in oil fields of Rajasthan". Presented at the 4th Rajasthan Science Congress organized by Vaigyanik Dristhikon Society and **JK Lakshmipat University, Jaipur, India (15-17 October, 2016).**

Agrawal A., "Allyl isothiocynate in mustard oil: a defensive compound against several diseases". Presented at the 38th All India Rabi Seminar on "oil seeds, oil trade and industry", MOPA, Jaipur, India (4-5 March, 2017).Jain S.,

Agrawal A., Ledwani L., "Cyanobacterial mycosporine like amino acids and their derivatives as natural sunscreens". Presented at the 5th International Conference on "Green, Growth, Globalization and Governance: Challenges and Opportunities", **JK Lakshmipat University, Jaipur, India (3-5 February, 2017).**

Department of Pharmacy

Devesh M Sawant

Sawant D.M., "One pot methodology for synthesis of pyrone *via* tandem transesterification and alkenylation of inynoates". Presented at the International Conference on "Frontiers at the chemistry-allied sciences interface", Centre of advanced study", Department of Chemistry, University of Rajasthan, Jaipur, India (22-23 July, 2017)

Ruchi Malik

Malik R., "Recognition of the crucial structural features of antiepileptic agents targeting the chemical domain of KCNQ2 channel using molecular modeling techniques". Presented at the World Congress on "Drug Discovery & Development- 2016", Bio Genesis Health Cluster. (23-25 November, 2016).

Umesh Gupta

Khan I., **Gupta U.**, "Development and Characterization of PEG-PLGA based Nanoparticles for the Improved Stability and Efficacy of Bendamustine: A Promising Approach". Presented at the AAPS-2016, Annual Meeting and Exposition, American Association of Pharmaceutical Scientists (AAPS), Denver, USA, (13-17 November 2016).

Malik S., Gothwal A., Khan I., **Gupta U.**, "PEG-PLA polymeric micelles based dual delivery of isoniazid and rifampicin for the effective management of tuberculosis". Presented at the International Conference on "Challenges in drug discovery and delivery (ICCD3 – 2017)", BITS, Pilani, India (2-4 March 2017).

Kaisar Raza

Raza K., Kaushik L., "Synthesis and characterization of Docetaxel palmitate as a better candidate for multi-drug resistant cancer cells". Presented at the International Conference on "Challenges in drug discovery and delivery (ICCD3-2017)", BITS, Pilani, India (2-4 March, 2017).

Raza K., Kaushik L., "Docetaxel palmitate: synthesis, characterization and biological evaluation". Presented at the DST Government of Rajasthan sponsored two days National Conference on "Recent advancement in drug discovery and development", Geetanjali Institute of Pharmacy, India (4-5 February, 2017).

Raza K., Thotakura N., "Glycine-Tethered C60-fullerenes for Delivery of Docetaxel: Enhanced Efficacy, Improved Cellular Uptake and Promising Pharmacokinetic Profile". Presented at the DST Government of Rajasthan sponsored two days National Conference on "Recent advancement in drug discovery and development", Geetanjali Institute of Pharmacy, India (4-5 February, 2017).

Raza K., Singh A., "Methotrexate Loaded PLGA-Soya Lecithin Based Micellar systems: In-vitro cytotoxicity and In-vivo Pharmacokinetic Studies". Presented at the DST Government of Rajasthan sponsored two days National Conference on "Recent advancement in drug discovery and development", Geetanjali Institute of Pharmacy, India (4-5 February, 2017).

Department of Physics

Ajit K Patra

Dash S., Schleicher B., Schwabe S., Reichel L., Neu V., Faehler S, **Patra A.K.**, "Epitaxial growth of Mn-Ge films". Presented at the "International Conference on Magnetic Materials & Applications (ICMAGMA-2017)", organized by DMRL Hyderabad and Magnetic Society of India (01-03 February, 2017).

Neeraj PanwarKumar S., Coondoo I., Vasundhara M., Kumar V., Patra A.K., **Panwar N.**, "Investigation of magnetization reversal and it's suppression in Mn doped SmCrO3 orthochromite". Presented at the International Conference "ICTAM-AMF 2016", University of Delhi, Delhi, India (Nov 7-11, 2016).

Coondoo I., Ramovatar, Kholkin A.L., **Panwar N.**, "Microstructural, dielectric and AC conductivity investigations on sol-gel derived Ba_{0.85}Ca_{0.15}Ti_{0.9}Zr_{0.1}O₃ ceramics". Presented at the International Conference "ICTAM-AMF 2016", University of Delhi, Delhi, India (Nov 7-11, 2016).

Department of Public Policy Law and Governance

S. Kandasamy

Kandasamy S., "Indian Philosophy and Relevancy". Presented at the National Seminar on "Indian Philosophy in Modern Perspective", organized by the Indian Council of Philosophy Research at Central University of Rajasthan, Kishangarh, India (28-29 July, 2016).

Kandasamy S., "Impact of E-Governance in India". Presented at the National Seminar on "Public Policy, Governance and Development in India: Issues and Challenges", organized by the Indian Council of Social Science Research at Central University of Rajasthan, Kishangarh, India (23-24 September, 2016).

Kandasamy S., "Terrorism and Human Rights". Presented at the National Seminar on "Impact of Globalization on Indian Institutional Society", Dept of Sociology, MBS PG College Varanasi, India (13 November, 2016).

Kandasamy S., "Local Governance in India". Presented at the National Seminar on "Development and Governance: Issues and Prospects", SS Jain Subodh College, Jaipur, India (28 January, 2017).

Kandasamy S., "Sexual Harassment Against Women". Presented at the National Seminar on "Sexual Harassment at Workplace: Challenges and Solutions", Mahatma Gandhi Kashi Vidyapith, Varanasi, India (5 February, 2017).

Kandasamy S., "Focus of Culture through Media". Presented at the National Conference on "Media and Subalterns in India", Dept. Of Culture and Media Studies, Central University of Rajasthan, Kishangarh, India (17 March 2017).

Kandasamy S., "Governance and Water Management". Presented at the International Conference on "Governance, Public Policy and Public Administration", Dept. of Public Administration, University of Rajasthan, Jaipur, India (31 March, 2017).

C. Jeevan Kumar

Kumar C.J., "Public policies for tribal education in India: An analysis". Presented at the National Conference on "Education and Politics in India: A perspective from below", University of Hyderabad, India (24-25 February, 2017).

Kumar C.J., "Digital Governance in India: Issues and Challenges". Presented at the National Seminar on "Development and Governance: Issues and Prospects", SS Jain Subodh College, Jaipur, India (28 January, 2017).

Kumar C.J., "Right of the Marginalized sections in India". Presented at the National Seminar on "Public Policy, Governance and Development in India: Issues and Challenges", organized by the Indian Council of Social Science Research at Central University of Rajasthan, Kishangarh, India (23-24 September, 2016).

Department of Social Science

M M Rajeev

Rajeev M.M., "The Fundamental Role and Responsibilities of Media's in Disaster Management- An Exploration of Disasters Situations in India". Presented at the National Seminar on "Media and Subalterns", Department of CMS, Central University of Rajasthan, Ajmer, India (16-17 March, 2017).

Rajeev M.M., "Emerging Issues of Mental Health among Elderly in Rural Areas in Rajasthan, India". Presented at the International Seminar on "Nurturing Global Mental Health- A paradigm Shift", Amrita Vishwa Vidyapeetham University, Tamil Nadu, India (8-10 March 2017).

Rajeev M.M., "Management of Natural Disasters- Similarities and Differences among India and China". Presented at the International Conference on "India, China and the New Silk Road Initiatives: Challenges and Opportunities", Institute for Contemporary Chinese Studies (ICCS), Mahatma Gandhi University, Kottayam, India (11-12 November, 2016).

Rajeev M.M., "Displacement in the Context of Natural Disasters: Major Policy Concerns". Presented at the National Seminar on "Public Policy, Governance and Development in India: Issues and Challenges", Department of PPLG, Central University of Rajasthan, Ajmer, India (23-24 September, 2016).

Jagdish Jadhav

Jadhav J., "Water Economy, Populist Politics and Governance: Missing Boats in Water Sector, A Case Study of Maharashtra State of India". Presented at the International Conference on "Water Security and Climate Change: Challenges and Opportunities in Asia", Asian Institute of Technology, Bangkok, Thailand (29 November -01 December, 2016).

Maske S., **Jadhav J.**, "Creativity and Innovations in Social Work Education: Missing Boat or Sporadic Efforts". Presented at the 4th Social Work Congress on "Social Development and Social Work Profession: Issues and Challenges", organized by NAPSWI and Dept. of Social Work, MGKV, Varanasi, India (22-24 October, 2016).

D.P.Negi

Negi D.P., "Rehabilitating and Resettling the displaced: Policy and Practices in India". Presented at the National Seminar on "Public Policy, Governance and Development in India: Issues and Challenges", Department of PPLG, Central University of Rajasthan, Ajmer, India (23-24 September, 2016).

Atiq Ahmed

Ahmed A., Tahira M., "The Impact of Road Traffic Accidents on Family of the Deceased". Presented at the 52nd National & 21st International Conference of Indian Academy of Applied Psychology (IAAP), organized by Department of Psychology, Rajasthan University, Jaipur, India (23-25 February, 2017).

Ahmed S., "NGOs and Government: An Exploration of Emerging Roles & Issues". Presented at the National Seminar on "Development and Governance: Issues and Prospects", organized by New Public Administration Society of India (NEPASI) at S.S Jain Subodh PG (Autonomous) College, India (27-28 January 2017).

Saizy Ahmed

Manupriya, **Ahmed S.**, "An Assessment of Gender Sensitive Practices & Services for working women: A case study of CURAJ". Presented at the National Seminar on "Challenges for Quality of life of working women in contemporary India", Guru Ghasidas Vishwavidalaya, Bilaspur, India (23-24 March 2017).

Das P., **Ahmed S.**, "Positioning Women in Water Arid Region: A case study of Rural Rajasthan". Presented at National Seminar on "Governance Public policy & Public Administration", organized by Department of Public Administration, University of Rajasthan, Jaipur, India (29-30 March, 2017).

Ahmed S., "Identifying barriers of holistic development in Schedule caste women; A case study of Rajnut Community". Presented at the International Seminar on "Globalization & Sustainable Development; Quest for a new Paradigm", organized by IPSA at Dept.of Life Long Learning & Center for Gandhian Studies, University of Rajasthan, Jaipur, India (14-16 April, 2017).

Department of Statistics

Jitendra Kumar

Kumar J., "Unit root test for Panel data AR (1) Time series model with augmentation term: A Bayesian approach". Presented at International Conference on "Recent Statistical Computing Techniques and their Applications (RSCTA-2016)", organized by Department of Statistics & Department of Computer Science, Ramanujan College, Delhi University, Delhi, India (11-12 March, 2016).

Sanjay Kumar

Soni A., **Kumar S.**, "A generalised difference cum ratio type estimator for estimating population mean under two-phase sampling scheme". Presented at the "VIII International Symposium on Statistics and Optimization", organized by Department of Statistics & Operation Research, AMU, Aligarh, India (17-19 December, 2016).

Kumar S., "A Two-Phase Sampling Ratio-Product-Ratio Estimator for Estimating Population Mean In The Presence of Non-Response". Presented at the "VIII International Symposium on Statistics and Optimization", organized by Department of Statistics & Operation Research, AMU, Aligarh, India (17-19 December, 2016).

Mahendra Saha

Maiti S.S., Bhattarchya A., **Saha M.**, "Lifetime Performance Index with Lindley Distributed Characteristics". Presented at the International Conference of The Indian Mathematics Consortium (TIMC) in cooperation with American Mathematical Society (AMS), organized by Interdisciplinary Mathematical Sciences, Institute of Science, BHU, India

Maiti S.S., **Saha M.**, "Bootstrap Confidence Intervals of Generalized Process Capability Index". Presented at the International Conference on "applications of statistics", Dept. of Statistics, University of Calcutta, Calcutta, India.

Arvind Pandey

Pandey A., "Additive Frailty Models". Presented at the National Conference on "Recent Advancements in Statistics and Their Applications to Society" (23-25 March 2017).

Student's Oral and Poster Presentation

Department of Culture and Media Studies

Meena M.K.

Meena M.K., "Digitalisation of Traditional Meena's Song: A Case study of YouTube". Presented at the International Conference on "Aadiwasi Tribes of India: Challenges & Possibilities", Jai Narain Vyas University, Jodhpur, India (9-10 August 2016).

Meena M.K., "The Language of Social Media and Emergence of Virtual Nationalism in India". Presented at the National Seminar on "Media: Language and Sensibility", All India Jat Heroes' Memorial College, Rohtak, India (10-11 November, 2016).

Meena M.K., Shahu G., "The Present Scenario of Women Empowerment and Media in India: A Case Study on Facebook". Presented at the National Seminar on "Social Transformation towards Inclusive Growth of Marginalised Communities", Savitribai Phule Pune University, Pune, India (3-4 January, 2017).

Meena M.K., "Subaltern Representation in Digital Media in India: A Critical Analysis". Presented at the National Seminar on Media and Subalterns in India, Central University of Rajasthan, Kishangarh, India (16-17 March, 2017).

Shahu G.

Shahu G., "The State & Existence of Gadiya Lohar Community in Rajasthan". Presented at the International Conference on "Aadiwasi Tribes of India: Challenges & Possibilities", Jai Narain Vyas University, Jodhpur, India (9-10 August 2016).

Shahu G., "Representation of Nomadic Tribes in Print newspapers: A Case Study of Media Language in Rajasthan". Presented at the National Seminar on "Media: Language and Sensibility", All India Jat Heroes' Memorial College, Rohtak, India (10-11 November, 2016).

Shahu G., "Women's Empowerment through Media: A Case Study among Sansi Community". Presented at the International Seminar on "Gender Equality & Women's Empowerment: Dimensions, Directions & Challenges", Department of Sociology, JNV University, Jodhpur, India. (25-26 November 2016).

Department of English

Balveer

Balveer, "Native Writer as Preservers of Cultural Heritage: Contribution of Vijaydan Detha in Projecting Rajasthan across the World". Presented in the International Seminar on "Social Concern of Tourism", LBS (PG) College, Jaipur, India (9-10 September, 2016).

Balveer, "Ambience created for Appearance of Ghost in William Shakespeare's 'Hamlet' and Vijaydan Detha's 'The Dilemma'". Presented at the International Conference on "William Shakespeare through the Ages", organized by RASE at Dr. K.N. Modi University, Tonk, India (5-6 November, 2016).

Balveer, "Rajasthani Language: In the Phase of Linguistic Crusade to get Recognition as Regional Language". Presented at the International Conference on "Language and Literature through Ages", organized by SRM University, Modinagar, India (18-20 November, 2016).

Balveer, "Media as Voice of the 'Subalterns' in Bollywood Films: A Critical Analysis". Presented at the National Seminar on "Media and Subalterns in India", organized by the Department of CMS, Central University of Rajasthan, Ajmer, India (16-17 March, 2017).

Balveer, "Postcolonial Literature". Presented at the National Workshop on "The Politics of Post: Theory, Literature and Culture" at BHU, Varanasi, India. (25-31 March, 2017).

Bhaduri I.

Bhaduri I., "Peace Lost, Peace Regained: Burma A Site of Violation of Human Rights" Presented at the International Conference on "Literature, Culture and World Peace", organized by HERSO at Pune, India (23-24 September, 2016.).

Bhaduri I., "Socio-political Reflections of a World Less Known – Theoretical Issues and Unheard Voices". Presented at the International Conference on "(His)tory, Her-Story, and 'Other' Narratives: Revisions and Reinterpretations in Story-Telling", organized by Reva University, Bengaluru, India (3-4 February, 2017).

Bhaduri I., "Dor- A Riveting Bond of Friendship, Media and More". Presented at the National Seminar on "Media and Subalterns in India", organized by the Department of CMS, Central University of Rajasthan, Ajmer, India. (16-17 March, 2017).

Singh A.D.

Singh A.D., "Interrogation Counter – Interrogation and Revolution: A Comparative Study of Dario Fo and Ngugi Wa Thiong' O Select Works". Presented at the International Conference on "Literature: A Reflection of the Society", Government Arts & Science College for Women, Bargur, India. (7 October, 2016).

Singh A.D., "Shakespeare and Television: Reconstruction of Intertextuality in Select English Television Serials". Presented at the International Conference on "William Shakespeare through the Ages", organized by RASE at Dr. K.N. Modi University, Tonk, India. (5-6 November, 2016).

Singh A.D., "Resurrection of Shakespearean Texts through Popular TV Series". Presented at the International Conference on "Language and Literature through Ages", organized by SRM University, Modinagar, India (18-20 November, 2016).

Singh A.D., "Opium, State and Society: A Comparative Narco-Cultural Study of Bollywood and Punjabi Films". Presented at the National Seminar on "Crossing the Boundaries: Theory and Practice of Comparative Literature", organized by Thiruvalluvar University, Vellore, India (5-6 January, 2017).

Singh A.D., "Literature, Films and Television: Reconstruction of Intertextuality in Select English Television Serials". Presented at the International Conference on "Language, Literature and Culture", organized by Institute of Advanced Studies in English, Pune, India (3-5 February, 2017).

Singh A.D., "Deciphering Select Travel Writings in the Context of Postmodern Hermeneutics". Presented at the National Seminar on "Postmodern Trends in English Language and Literature", organized by Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur, India. (9 February, 2017).

Mazta S.

Mazta S., "Developing Peace and Tolerance among School Children Through Education" Presented at the International Conference on "Literature, Culture and World Peace" organized by HERSO at Pune, India. (23-24 September, 2016.).

Sucheta

Sucheta, "The Africa of Native Dreams: A Daydream Falling Apart in Bulawayo's We Need New Names". Presented at International Conference on "Language and Literature through Ages", organized by SRM University, Modinagar, India. (18-20 November, 2017).

Sucheta, "Theories and Narratives: Things Around your Neck". Presented at the International Conference on "(His)tory, Her-Story, and 'Other' Narratives: Revisions and Reinterpretations in Story-Telling", organized by Reva University, Bengaluru, India. (3-4 February, 2017).

Sucheta, "The Movie 'Pink': An Assertion of the Value of 'Consent' and 'Character' of Modern women". Presented at the National Seminar on "Media and Subalterns in India", organized by the Department of CMS, Central University of Rajasthan, Ajmer, India. (16 March, 2017).

Prithvika S.

Prithvika S., "Entwined Lives, Unquenched Desires: Reliving Gendered Space through 'Parched'". Presented at the National Seminar on "Media and Subalterns in India", organized by the Department of CMS, Central University of Rajasthan, Ajmer, India. (16-17 March, 2017).

Devi T. N.

Devi T.N., "A Call for a 'Newness': A Study of Manipur beyond 'Media Pages'". Presented at the National Seminar on "Media and Subalterns in India", organized by the Department of CMS, Central University of Rajasthan, Ajmer, India. (16-17 March, 2017).

Choudhary S.L.

Choudhary S.L., "Cultural Heritage and Hegemony of Media: A Subaltern Perspective". Presented at the National Seminar on "Media and Subalterns in India" organized by the Department of CMS, Central University of Rajasthan, Ajmer, India. (16-17 March, 2017).

Promodu M.M.

Promodu M.M., "A Gender Analysis and Varying Trends in Select Indian Television Advertisements from 1980-2015". Presented at the International Seminar on "New Feminist Writings: Emancipation to Representation", organized by Pondicherry University, Pondicherry, India. (16-17 March, 2017).

Department of Public Policy Law and Governance

Panday A.

Pandey A., "Environmental effects of genetically modified food in the age of globalization". Presented at the National Seminar on "Impact of globalization on Indian Institutional Society", MBS, PG College, Gangapur, U.P., India (12-13 November, 2016).

Saroj V.K.

Saroj V.K., "Violation of Human rights in custodial torture in Indian perspective". Presented at the National Seminar on "Public policy, Governance and Development in India: Issues and challenges", Central University of Rajasthan, Kishangarh, India (23-24 September, 2016).

Saroj V.K., "Child and Human rights: An International perspective". Presented at the National Seminar on "Child Rights and Child Protection: A Socio-Legal Perspective", organized by AIRO at Baba Saheb Bhim Rao Ambedkar Law College, Lucknow, India (11 November, 2016).

Saroj V.K., "Rights of accused person in the age of global human rights". Presented at the National Seminar on "Impact of globalization on Indian Institutional Society", MBS, PG College, Gangapur, U.P., India (12-13 November, 2016).

Saroj V.K., "Pole of judicial review in the governance process". Presented at the National Seminar on "Development and Governance: Issues and prospects", organized by NEPASI at S.S. Jain Subodh PG College, Jaipur, India (27-28 January, 2017).

Saroj V.K., "Sexual harassment of women in police custody: in India scenario". Presented at the National Seminar on "Sexual harassment at workplace: challenges and solution", Mahatma Gandhi kasha Vidhyapith University, U.P., India (5 February, 2017).

Mishra A.

Mishra A., "Narco-Analysis tests and investigation in India: A critical study of selvi vs. state of Karnataka". Presented at the International Seminar on "Criminal Justice System in India: Need for systematic change", Raksha Shakti University, Ahmedabad, India (29-30 July, 2016).

Mishra A., "Right of safe Drinking water-specific laws and policies in India". Presented at the National Seminar on "Public policy, Governance and Development in India: Issues and challenges", Central University of Rajasthan, Kishangarh, India (23-24 September, 2016).

Mishra A., "IPR issues in Digital environment & Legal Protection". Presented at the National Seminar on "Scientometrics, social media, networking tools in libraries and recent trends in LIS", Central Library, Central University of Rajasthan, Kishangarh, India. (5 October, 2016).

Mishra A., "Accessibility of right to clean water: A major protection of child rights and health". Presented at the National Seminar on "Child rights and child protection: A social legal perspective", organized by AIRO at Baba Saheb Bhim Rao Ambedkar Law College, Lucknow, India (11 November, 2016).

Mishra A., "Use of Narco-analysis Test in investigation & Rights of citizen in India: A critical analysis". Presented at the National Seminar on "Indian Criminal Justice system: emerging dimensions", Lucknow University, India (12 November, 2016).

Mishra A., "Realization and implementation of rights to clean water as a human rights and challenges in Indian context". Presented at the International Conference on "Socio economic justice after seventy years of India's Independence: Domestic and global challenges", Delhi University, New Delhi, India (18-20 November, 2016).

Mishra A., "Enriching the Goal of women Empowerment by ensuring right to water and sanitation". Presented at the International Conference on "Marginalization Poverty and Decentralisation", KILA, Thrissur, Kerala, India (19-22 November, 2016).

Mishra A., "Accessibility of rights to safe drinking water in India: A legal study". Presented at the National Seminar on "Environmental sustainability in waste water remediation", University of Delhi, New Delhi, India (19-22 January, 2017).

Farhat Z.

Farhat Z., "Social exclusion among Muslims: Problems and prospects". Presented at the National Seminar on "Public policy, Governance and Development in India: Issues and challenges", Central University of Rajasthan, Kishangarh, India (23-24 September, 2016).

Farhat Z., "From Fundamentalist to Anti-nationalist: Indian media framing of Muslims". Presented at the National Seminar on "Media and Subalterns in India", Central University of Rajasthan, Kishangarh, India (16-17 March, 2017).

Farhat Z., "Social exclusion among Muslims: A study of educational access in ghettos of Ajmer". Presented at the National Seminar on "Social violence and social exclusion", MANNU, Hyderabad, India (27-28 March, 2017).

Nayak N.

Nayak N., "Climate change and Indian federalism: A study with special reference to national action a plan on climate change". Presented at the National Seminar on "Public policy, Governance and Development in India: Issues and challenges", Central University of Rajasthan, Kishangarh, India (23-24 September, 2016).

Nayak N., "Climate Change policy, Federalism and Development process in India". Presented at the International Conference on "Marginalisation Poverty and Decentralisation", KILA, Thrissur, Kerala, India (19-22 November, 2016).

Nayak N., "Globalization and climate change: An Indian perspective". Presented at the National Seminar on "Impact of globalization on Indian Institutional Society", MBS, PG College, Gangapur, U.P., India (12-13 November, 2016).

Nayak N., "Child and Human rights: An international perspective". Presented at the National Seminar on "Child rights and child protection: A social legal perspective", organized by AIRO at Baba Saheb Bhim Rao Ambedkar Law College, Lucknow, India (11 November, 2016).

Nayak N., "Climate change and media in 21st century: A study with references to India". Presented at the National Seminar on "Media and Subalterns in India", Central University of Rajasthan, Kishangarh, India (16-17 March, 2017).

Kumar P.Kumar P., "Education access in India: A challenge for sustainable development and empowerment of women". Presented at the National Seminar on "Gender Equality and social inclusion in contemporary India: Issues and challenges", University of Kashmir, India (8-9 March, 2017).

Prasad S.Prasad S., "Decentralized governance at the gram sabha level in fifth scheduled area". Presented at the National Seminar on "Public policy, Governance and Development in India: Issues and challenges", Central University of Rajasthan, Kishangarh, India (23-24 September, 2016).

Prasad S., "Decentralized planning at grassroots in scheduled area: A critical appraisal in Jharkhand". Presented at the National Seminar on "Participatory decentralized planning at grassroots: problems, challenges and opportunities", IIRD & PJ, Hyderabad, India (9-10 February, 2017).

Prasad S., "Decentralization for poverty reduction in Jharkhand: issues and challenges and the way forward". Presented at the International Conference on "Marginalization Poverty and Decentralisation", KILA, Thrissur, Kerala, India (19-22 November, 2016).

Tanwar N. Tanwar N., "Effects of drug on juveniles and impact of counseling: socio-legal analysis". Presented at the International Seminar on "Governance, Public policy, and Public administration", University of Rajasthan, Jaipur, India (29-31 March, 2016).

Library Staff: Conference/Workshop/Seminar

Vijay Kumar Mallappa

Vijaykumar Mallappa, Deepak Meena. "Quick Response Code: A New Tool for Marketing of Library Services". Presented at the 5th National Conference of Institute of Scientometrics on "Scientometric, Social Media/Networking Tools in Libraries and Recent Trends in LIS", Central University of Rajasthan, Kishangarh, India. (22-23 October, 2016).

Vijaykumar Mallappa, Saroj Kumar Panda. "Global trends in biodiesel research publications: a scientometric approach". Presented at the 5th National Conference of Institute of Scientometrics on "Scientometric, Social Media/Networking Tools in Libraries and Recent Trends in LIS", Central University of Rajasthan, Kishangarh, India. (22-23 October, 2016).

Vijaykumar Mallappa. "Plagiarism: A Breach of Professional Ethics". Presented at the ICSSR sponsored National Workshop on "Research Methodology", Department of Public Policy, Law and Governance, Central University of Rajasthan, Kishangarh, India. (8-17 May, 2017).

Vijaykumar Mallappa. "Urkund: A Plagiarism detecting tool". Presented at the ICSSR sponsored National Workshop on "Research Methodology", Department of Public Policy, Law and Governance, Central University of Rajasthan, Kishangarh, India. (8-17 May, 2017).

Vijaykumar Mallappa. "Enhance Your Research Through E-Resources". Presented during the Ph.D. Course work, MDS University, Ajmer, India. (2 May, 2017).

Vijaykumar Mallappa. "Reference Management Tools". Presented during the Ph.D. Course work, MDS University, Ajmer, India. (2 May, 2017).

Vijaykumar Mallappa. "Copy Right Acts in Electronic world". Presented at the National Conference on "Intellectual Property Rights and E-Publication", JECRC University, Jaipur, India. (23 April, 2017).

Vijaykumar Mallappa. "Open Source Software for Libraries". Presented at the UGC sponsored National Seminar on "ETTLISAL-2017", Rajakiya Maharaj Acharya Sankrith College, Jaipur, India. (24-25 January, 2017).

Vijaykumar Mallappa. "Soft skills for library professionals". Presented at the UGC sponsored National Refresher Course in "Library and Information Science", HRD Centre, MDS University Ajmer, India. (30 November, 2016- 20 December, 2016).

Vijaykumar Mallappa. "Design and development of library portals". Presented at the UGC sponsored National Refresher Course in "Library and Information Science", HRD Centre, MDS University Ajmer, India. (30 November, 2016- 20 December, 2016).

Vijaykumar Mallappa. "Social Science Research Libraries in Content Management Environment". Presented at the National Training Workshop on "Content Management System and Social Science Research", Institute of Social Science Research, Ujjain, M.P., India. (15-18 March, 2016).

Saroj Kumar Panda

Saroj Kumar Panda, Vijaykumar Mallappa. "Global trends in biodiesel research publications: a scientometric approach". Presented at the 5th National Conference of Institute of Scientometrics on "Scientometric, Social Media/Networking Tools in Libraries and Recent Trends in LIS", Central University of Rajasthan, Kishangarh, India. (22-23 October, 2016).

Saroj Kumar Panda. Participated in the 2016 Higher Educational Forum organized by ELSEVIER and INFLIBNET, New Delhi, India. (14 September, 2016).

Saroj Kumar Panda. Participated in the 3rd National Seminar on "Role of Library Professionals in Digital Environment", Ananta Institute of Medical Science, Udaipur, India. (4 March, 2017).

Deepak Meena

Deepak Meena, Vijaykumar Mallappa. "Quick Response Code: A New Tool for Marketing of Library Services". Presented at the 5th National Conference of Institute of Scientometrics on "Scientometric, Social Media/Networking Tools in Libraries and Recent Trends in LIS", Central University of Rajasthan, Kishangarh, India. (22-23 October, 2016).

Deepak Meena, Bandi A.N. "Indian Journal of Fibre and Textile Research: A Scientometric Portrait". Presented at the TIFR-BOSL: National Conference on "Future Librarianship Innovation for Excellence", TIFR, Mumbai, India. (22-23 April 2016).

Deepak Meena. Participated in the National Workshop on "Open Source Software Koha Training & Certification", Central Library, Mandsaur University, Mandsaur, M.P., India. (27-28 May, 2017).

Deepak Meena. Participated in the Ministry of HRD, Government of India sponsored National Workshop on "Institutional Digital Repository for National Digital Library of India (NDL)" organized by the Central Library, MNIT Jaipur and IIT Kharagpur under National Digital Library Project. (12-13 May, 2017).

Deepak Meena. Participated in the 3rd National Seminar on "Role of Library Professionals in Digital Environment", Ananta Institute of Medical Science, Udaipur, India. (4 March, 2017).

Faculty Publications

A. Research Articles

Impact
Factor

Department of Atmospheric Science

Subrat Kumar Panda

Pattnayak K.C., **Panda S.K.**, Saraswat V., Dash S.K., (2017), Assessment of two versions of regional climate model in simulating the Indian Summer Monsoon over South Asia CORDEX domain, *Climate Dynamics*, DOI:10.1007/s00382-017-3792-9. 4.14

Department of Biochemistry

Muthukalingan Krishnan

Pandiarajan J., **Krishnan M.**,(2017), Properties, synthesis and toxicity of silver nanoparticles, *Environmental Chemical Letters*, 15, 387-397.

C.C. Mandal

Chowdhury K., Sharma A., Sharma T., Kumar S., **Mandal C.C.**,(2017), Simvastatin and MBCD Inhibit Breast Cancer-Induced Osteoclast Activity by Targeting Osteoclastogenic Factors, *Cancer Investigation*, 35(6), 403-413. 2.0

Sharma T., Radosevich J.A., Pachori G., **Mandal C.C.**,(2016), A Molecular View of Pathological Microcalcification in Breast Cancer, *Journal of Mammary Gland Biology and Neoplasia*, 21(1-2), 25-40. 3.24

Vishvanath Tiwari

Tiwari V., Tiwari D., Patel V., Tiwari M., (2017), Effect of secondary metabolite of *Actinidia deliciosa* on the biofilm and extra-cellular matrix components of *Acinetobacter baumannii*, *Microbial Pathogenesis*, 110, 345-351. 2.0

Verma P., Tiwari M., **Tiwari V.**, (2017), *In-silico* High Throughput Virtual Screening and Molecular Dynamics Simulation study to identify Inhibitor for AdeABC Efflux Pump of *Acinetobacter baumannii*, *Journal of Biomolecular Structure & Dynamics*, 21, 1-13. 3.12

Roy R., Tiwari M., Donelli G., **Tiwari V.**, (2017), Strategies for combating bacterial biofilms: A focus on anti-biofilm agents and their mechanisms of action, *Virulence*, DOI:10.1080/21505594.2017.1313372. 4.66

- Tiwari V.**, Solanki V., Roy R., Biswas D., Tiwari M., **(2017)**, Significances of OMV and Extracellular Vesicle Proteomics, *Journal of Data Mining in Genomics & Proteomics*, 8(1), 208, DOI:10.4172/2153-0602.1000208. 1.2
- Verma P., Upadhyay A., Tiwari M., **Tiwari V.**, **(2016)**, In-silico Approach Explains Evolution of β -lactamases from Penicillin Binding Proteins, *Journal of Proteomics and Bioinformatics*, 9(10), 248-254 1.6
- Tiwari V.**, **(2016)**, In vitro engineering of novel bioactivity in the natural enzymes, *Frontiers in Chemistry*, 4, 39, 1-10. 4.0
- Vijay Kumar Prajapati**
- Ali M., Pandey R.K. Khatoon N., Narula A., Mishra A., **Prajapati V.K.**, **(2017)**, Exploring dengue genome to construct a multi-epitope based subunit vaccine by utilizing immunoinformatics approach to battle against dengue infection, *Scientific Reports*, 7, 9234, DOI: 10.1038/s41598-017-09199-w. 4.259
- Khatoon N., Pandey R.K., **Prajapati V.K.**, **(2017)**, Exploring *Leishmania* secretory proteins to design B and T cell multi-epitope vaccine using immunoinformatics approach, *Scientific Reports*, 7(1), 8285, doi:10.1038/s41598-017-08842-w. 4.259
- Chander S., Pandey R.K., Penta A., Choudhary B.S., Sharma M., Malik R., **Prajapati V.K.**, Murugesan S., **(2017)**, Molecular docking and molecular dynamics simulation based approach to explore the dual inhibitor against HIV-1 reverse transcriptase and Integrase, *Combinatorial Chemistry & High Throughput Screening*, 20, DOI: 10.2174/1386207320666170615104703. 0.95
- Ahluwalia P.K., Pandey R.K., Sehajpal P.K., **Prajapati V.K.**, **(2017)**, Perturbed miRNA expression by Mycobacterium tuberculosis promotes macrophage polarization leading to pro-survival foam cell, *Frontiers in Immunology*, 8, 107, DOI: 10.3389/fimmu.2017.00107. 6.429
- Pandey R.K., Kumbhar B.V., Sundar S., Kunwar A., **Prajapati V.K.**, **(2017)**, Structure based virtual screening, molecular docking, ADMET and molecular simulations to develop benzoxaborole analogues as potential inhibitor against *Leishmania donovani* trypanothione reductase, *Journal of Receptors and Signal Transduction*, 37(1), 60-70. 1.61
- Pandey R.K., Narula A., Naskar M., Srivastava S., Verma P., Malik R., **Prajapati V.K.**, **(2017)**, Exploring dual inhibitory role of febrifugine analogues against *Plasmodium* utilizing structure based virtual screening and molecular dynamic simulation, *Journal of Biomolecular Structure and Dynamics*, 35(4), 791-804. 3.123
- Pandey R.K., Kumbhar B.V., Srivastava S., Malik R., Sundar S., Kunwar A., **Prajapati V.K.**, **(2017)**, Febrifugine analogues as *Leishmania donovani* trypanothione reductase inhibitors: binding free energy analysis assisted by ADMET and molecular dynamics simulation, *Journal of Biomolecular Structure and Dynamics*, 35(1), 141-158. 3.123

- Pandey R.K., Prajapati P., Goyal S., Grover A., **Prajapati V.K.,(2016)**, Molecular modeling and virtual screening approach to discover potential anti leishmanial inhibitors against ornithine decarboxylase, *Combinatorial Chemistry & High Throughput Screening*, 19(10), 813-823. 0.95
- Verma P., Pandey R.K., Prajapati P., **Prajapati V.K.,(2016)**, Circulating MicroRNAs: Potential and emerging biomarker for diagnosis of human infectious diseases, *Frontiers in Microbiology*, 15(7), 1274, DOI: 10.3389/fmicb.2016.01274. 4.165
- Pandey R.K., Verma P., Sharma D., Bhatt T., Sundar S., **Prajapati V.K.,(2016)**, High-throughput virtual screening and quantum mechanics approach to develop imipramine analogues as leads against trypanothione reductase of leishmanial, *Biomedicine & Pharmacotherapy*, 83, 141-152. 2.759
- Pandey R.K., Sundar S., **Prajapati V.K., (2016)**, Differential Expression of miRNA Regulates T Cell Differentiation and Plasticity during Visceral Leishmaniasis Infection, *Frontiers in Microbiology*, 7, 206, DOI:10.3389/fmicb.2016.00206. 4.165
- Pandey R.K., Prajapati P., Sharma T., Mandal C.C., **Prajapati V.K.,(2016)**, Epidemiological Investigation of a Jaundice outbreak in Kishangarh, Rajasthan, India, 2014, *Journal of Public Health*, 24(2), 83-89. 2.039

Department of Biotechnology

Pankaj Goyal

- Verma N., Rai A.K., Kaushik V., Brunnert D., Chahar K.R., **Pandey J., Goyal P., (2016)**. Identification of gefitinib off-targets using a structure-based systems biology approach; their validation with reverse docking and retrospective data mining, *Scientific Reports*, 6, 33949. 4.259
- Kumar V., Gour S., Peter O. S., Gandhi S., **Goyal P., Pandey J., Harsolia R. S., Yadav J. K., (2017)**. Effect of green tea polyphenol epigallocatechin-3-gallate on the aggregation of α A (66-80) peptide, a major fragment of α A-crystallin involved in cataract development, *Current Eye Research*, 42(10),1368-1377. 2.238

Jogeswar Panigrahi

- Seth S., Rath S.C., **Panigrahi J., (2017)**, Somatic embryogenesis in *Abutilon indicum (L.)* Sweet and assessment of genetic homogeneity using SCoT markers, *Plant Biosystem* 151(4), 704-714. 1.39
- Purohit P., Mohanty P.K., Patel S., Das P., Das K., **Panigrahi J.,(2017)**, Association of CD40L gene polymorphism with severe *Plasmodium falciparum* malaria in Indian Population, *Journal of Vector Borne Diseases*, 54(1), 74-79. 1.104

Suman Tapryal

- Jain S., Khan T.A., Patil Y.P., Pagariya D., Kishore N., **Tapryal S.**, Naik A.D., Naik S.G., (2017), Bio-affinity of copper(II) complexes with nitrogen and oxygen donor ligands: Synthesis, structural studies and in vitro DNA and HSA interaction of copper(II) complexes, *Journal of Photochemistry and Photobiology B: Biology*, 174, 35-43. 2.67

Tarun Kumar Bhatt

- Soni R., Sharma D., Rai P., Sharma B., **Bhatt T.K.**, (2017), Signaling strategies of malaria parasite for its survival, proliferation, and infection during erythrocytic stage, *Frontiers in Immunology*, 8, 349. 6.429
- Rai P., Sharma D., Soni R., Khatton N., Sharma B., **Bhatt T.K.**, (2017), *Plasmodium falciparum* apicoplast and Its transcriptional regulation through calcium signaling, *The Journal of Microbiology*, 55(4), 231-236. 1.924
- Kumar A., Sharma D., Aggarwal M.L, Chacko K.M., **Bhatt T.K.**, (2016), Cancer-testis antigens as molecular drug targets using network pharmacology, *Tumor Biology*, 37(12), 15697-15705. 2.926
- Pandey R.K., Verma P., Sharma D., **Bhatt T.K.**, Sundar S., Prajapati V.K., (2016), High-throughput virtual screening and quantum mechanics approach to develop imipramine analogues as leads against trypanothione reductase of *Leishmania*, *Biomedicine & Pharmacotherapy*, 83, 141-152. 2.3
- Sharma B., Joshi D., Yadav P.K., Gupta A.K., **Bhatt T.K.**, (2016), Role of ubiquitin-mediated degradation system in plant biology, *Frontiers in Plant Science*, 7, 806. 4.495

Janmejy Pandey

- Verma N., Rai A.K., Kaushik V., Brunnert D., Chahar K.R., **Pandey J.**, **Goyal P.**, (2016). Identification of gefitinib off-targets using a structure-based systems biology approach; their validation with reverse docking and retrospective data mining, *Scientific Reports*, 6, 33949.
- Kumar V., Gour S., Peter O. S., Gandhi S., **Goyal P.**, **Pandey J.**, Harsolia R. S., **Yadav J. K.**, (2017). Effect of green tea polyphenol epigallocatechin-3-gallate on the aggregation of α A (66-80) peptide, a major fragment of α A-crystallin involved in cataract development, *Current Eye Research*, 42(10),1368-1377.

Jay Kant Yadav

- Kumar V., Gour S., Peter O. S., Gandhi S., **Goyal P.**, **Pandey J.**, Harsolia R. S., **Yadav J. K.**, (2017). Effect of green tea polyphenol epigallocatechin-3-gallate on the aggregation of α A (66-80) peptide, a major fragment of α A-crystallin involved in cataract development, *Current Eye Research*, 42(10),1368-1377. 2.238

Surendra Nimesh

- Weider E., Susan-Resiga D., Essalmani R., Hamelin J., Asselin M.C., **Nimesh S.**, Ashraf Y., Wycoff K.L., Zhang J., Prat A., Seidah N.G., (2016), Proprotein convertase subtilisin/kexin type 9 (PCSK9) single domain antibodies are potent Inhibitors of low density lipoprotein receptor degradation, *The Journal of Biological Chemistry*, 291(32), 16659-16671. 4.125
- Ahmed Q., Gupta N., Kumar A., **Nimesh S.**, (2017), Antibacterial efficacy of silver nanoparticles synthesized employing *terminalia arjuna* bark extract, *Artificial Cells, Nanomedicine and Biotechnology*, 45(6), 1192-1200. 5.605
- Kumari R.M., Thapa N., Gupta N., Kumar A., **Nimesh S.**, (2017), Antibacterial and photocatalytic degradation efficacy of silver nanoparticles biosynthesized using *cordia dichotoma* leaves extract, *Advance in Natural Sciences: Nanoscience and Nanotechnology*, 7, 045009. 1.581
- Arya G., Kumar N., Gupta N., Kumar A., **Nimesh S.**, (2017), Antibacterial potential of silver nanoparticles biosynthesized using *canarium ovatum* leaves extract, *IET Nanobiotechnology*, 11(5), 506-511. 1.463
- Breznan D., Das D., O'Brien J.S., MacKinnon-Roy C., **Nimesh S.**, Vuong N.Q., Bernatchez S., DeSilva N., Hill M., Kumarathanan P., Vincent R. (2017), Differential cytotoxic and inflammatory potency of amorphous silicon dioxide nanoparticles of similar size in multiple cell lines, *Nanotoxicology*, 11(2), 223-235. 6.428
- Soni D., Gangada S., Duvva N., Roy T. K., **Nimesh S.**, Arya G., Lingamallu G., Chitta R., (2017), Hypochlorite promoted inhibition of photo-induced electron transfer in phenothiazine-borondipyrromethene donor-acceptor dyad: a cost-effective and metal-free "turn-on" fluorescent chemosensor for hypochlorite, *New Journal of Chemistry*, 41(13),5322-5333 3.269
- Arya G., Malav A. K., Gupta N., Kumar A., **Nimesh S.**, (2017), Biosynthesis and in vitro antimicrobial potential of silver nanoparticles prepared using *dicoma tomentosa* plant extract, *Nanoscience & Nanotechnology- Asia*, 7. 5.605
- Arya G., Kumari R. M., Gupta N., Kumar A., Chandra R., **Nimesh S.**, (2017), Green synthesis of silver nanoparticles using *prosopis juliflora* bark extract: reaction optimization, antimicrobial and catalytic activities, *Artificial Cells, Nanomedicine and Biotechnology*, DOI: 10.1080/21691401.2017.1354302. 5.605
- Arya G., Sharma N., Ahmed J., Gupta N., Kumar A., Chandra R., **Nimesh S.**, (2017), Degradation of anthropogenic pollutant and organic dyes by biosynthesized silver nano-catalyst from *cicer arietinum* leaves, *Journal of Photochemistry and Photobiology B: Biology*, 174, 90-96. 2.673

S.Thangminlal Vaiphei

Nongrum S., **Vaiphei S.T.**, Keppen J., Ksoo M., Kashyap E., Sharan R.N., (2017), Identification and preliminary validation of radiation response protein(s) in human blood for a high-throughput molecular biodosimetry technology for the future, *Genome Integrity*, 8(1), 1-5.

Department of Commerce

Praveen Sahu

Sahu P., (2016), Impact of commercial advertisement on the buying behavior of consumers : An empirical study, *journal marketing master mind*, 13(5), 29-33.

Sahu P., (2017), A study of Practices of Entrepreneurship and Social Entrepreneurship in India, *Journal of Research Line: An International Referred Journal*, 198-202.

Sahu P., (2017), Organizational Justice and its impact on Goal Orientation and Performance towards service sector, *The Journal of Indian Management & Strategy*, 22(2), 32-39. 4.756

Sahu P., (2017), Customer Orientation and Customer Satisfaction As the Predictors of Customer Loyalty: Empirical Study of service Industry, *Periodic Research*, 5(4), 44-49. 6.210

Sahu P., (2017), Emotional appeal to advertising and its impact on repurchasing intensions on shoes: Empirical Evidence, *Media Mimansa*, 10(4), 37-41.

Ruchita Verma

Sharma D., **Verma R.**, (2017), BREXIT and stock performance: Empirical analysis from the Indian IT sector, *International Research Journal of Commerce and Law*, 4(5), 53-59. 4.414

Verma R.(2017), An empirical analysis of specific determinants of foreign direct investment in the Indian service sector, *International Journal of Research in Finance and Marketing*, 7(5), 243-253. 6.397

Verma R., (2016), Impact of capital structure on the performance. An empirical analysis of Indian banking sector, *International Journal of Research in Management, Economics and Commerce*, 6(9), 32-39. 6.384

Sanjay Kumar Patel

Patel S.K., Verma, P.K. (2016), Performance Evaluation of Hybrid Mutual Fund Schemes in India: An Empirical Study of ELSSs Commerce, *The Indian Journal of Commerce*, 69(4), 72-80

Patel S.K., Verma, P.K. (2017) Hybrid Mutual Fund Schemes: A Study of the Performance of Select Equity Linked Savings Scheme *Pacific Business Review International*, 9(12), 76-85 5.889

Department of Computer Science

Mamta Rani

Rani M., Jha K., Agarwal R., (2016), Estimation of perturbation in the analytic Mandelbrot map, *Chaos & Complexity Letter*, 10(3), 241-249.

Rani M., Singh B., (2016), Pattern among superior Julia sets, *Janabh*, 46, 167-175.

Rani M., Singh B., (2016), Fractal Gaskets, *Janabh*, 46, 87-90.

Rani M., Singh B., (2016), Gingko Leaves, *Chaos & Complexity Letters*, 10(2), 167-172.

Rani M., (2016), Superior Julia sets for higher degree polynomials, *Chaos & Complexity Letters*, 10(1), 89-95.

Rani M., Yadav A., (2016), Parrondo's paradox in the superior logistic map, *International Journal of Technical Research & Science*, 1(2), 1-8.

Nagaraju Aitha

Sunitha D., **Nagaraju A.**,Narasimha G., (2017), Cross-layer based routing protocol and solution to packet reordering for TCP in MANET, *Cluster Computing*, DOI: 10.1007/s10586-017-1179-7. 2.04

Sharmila K., Janaki V., **Nagaraju A.**, (2017), A survey on User Authentication Techniques", *Oriental Journal of Computer Science and Technology*, 10(2), 513-519.

Sheikh S., **Nagaraju A.**, (2017), A Comparative Study of Task Scheduling and Load Balancing Techniques with MCT using ETC on Computational Grids, *Indian Journal of Science and Technology*, 10(32), 1-14.

Sunitha D., **Nagaraju A.**,Narasimha G., (2017), Dynamic TCP-Vegas based on cuckoo search for efficient congestion control for MANET, *International Journal of Signal and Imaging Systems Engineering*, 10(1-2). 0.893

Sunitha D., **Nagaraju A.**,Narasimha G., (2016), Cross-layer based Smart Acknowledgment Scheme for TCP in MANETs, *International Journal of Computer Science and Network Security*, 16(7) 124-130.

Nishtha Kesswani

Kesswani N., Kumar S., (2016), Accessibility analysis of websites of educational institutions, *Perspectives in Science*, 8, 210-212.

Kesswani N., (2017), Analysis of GP-PP model for Android apps, *Journal of Global Information Management*, 26(4). 0.303

Krishna Kumar Mohbey

Mohbey K.K., (2017), High Fuzzy Utility Based Frequent Patterns Mining Approach for Mobile Web Services Sequences, *International Journal of Engineering*, 30(2), 182-191.

Mohbey K.K., (2017), The role of big data, cloud computing and IoT to make cities smarter, *International Journal of Society Systems Science*, 9(1).

Department of Computer Science and Engineering

Karan Verma

Kaur R., **Verma K., (2017)**, Efficient Routing for Location Privacy Preserving in Internet of Things, *International Journal of Information Security and Privacy*, Accepted.

Ravi Saharan

Saharan R., (2016), A Review paper on Image Registration Techniques, *International Journal of New Innovations in Engineering and Technology*, 4(4), 34-39.

Mishra K., **Saharan R., Rathor B., (2017)**, A new cryptographic method for image encryption, *Journal of Intelligent & Fuzzy Systems*, 32(4), 2885–2892. 1.261

Mishra K., **Saharan R., (2017)**, Image Encryption Utilizing Lossy Image compression, *Proceedings of International Conference on Computer, Communications and Electronics (COMPTELIX 2017)*, 494-500.

Muzzammil Hussain

Sharma V., **Hussain M., (2016)**, Mitigating replay attack in wireless sensor network through assortment of packets, *Proceedings of the First International Conference on Computational Intelligence and Informatics*, 221-230.

Gupta A., **Hussain M., (2016)**, Distributed cooperative algorithm to mitigate hello flood attack in cognitive radio ad hoc networks (CRANs), *Proceedings of the First International Conference on Computational Intelligence and Informatics*, 255-263.

Jain S., **Hussain M., Garimella R.M., (2016)**, Primary user authentication in cognitive radio network using authentication tag, *Proceedings of International Conference on Recent Advances and Innovations in Engineering (ICRAIE), IEEE 2016*, DOI: 10.1109/ICRAIE.2016.7939545.

Vardhan A., **Hussain M., Garimella R.M., (2016)**, Simple and secure node authentication in wireless sensor networks, *Proceedings of International Conference on Recent Advances and Innovations in Engineering (ICRAIE), IEEE 2016*, DOI: 10.1109/ICRAIE.2016.7939543.

Singh V.P., **Hussain M., Raina C.K., (2016)**, Authentication of base station by HDFS using trust based model in WSN, *Proceedings of International Conference on Communication and Electronics Systems (ICCES), IEEE 2016*, DOI: 10.1109/CESYS.2016.7889844.

Gaurav Somani

Somani G., Gaur M.S., Sanghi D., Conti M., Buyya R., (2017), DDoS attacks in cloud computing: issues, taxonomy, and future directions, *Computer Communications*, 107, 30-48.

Somani G., Gaur M.S., Sanghi D., Conti M., Rajarajan M., Buyya R., (2017), Combating ddos attacks in cloud: current requirements and future trends, *IEEE Cloud Computing*, 4(1), 22-32.

Department of Chemistry

R. T. Pardasani

Sharma S., Singh S., Kumari A., Sawant D.M., **Pardasani, R.T.**,(2017), Ruthenium catalyzed oxidative annulation of anilines using benzothiazole as removable directing group, *Asian Journal of Organic Chemistry*, 6(6), 726-738. 2.788

Pathare R.S., Sharma S., Gopal K., Sawant, D.M., **Pardasani R.T.**, (2017), Palladium catalyzed convenient one-pot synthesis of multi-substituted 2-pyrones via transesterification and alkenylation of enynoates, *Tetrahedron Letters*, 58(14), 1387-1389. 2.379

Pathare R.S., Sharma S., Elagandhula S., Saini V., Sawant D.M., Yadav M., Sharon A., Khan S., **Pardasani R.T.**, (2016), Application of Isocyanides as Amide Surrogates in the Synthesis of Diverse Isoindolin-1-one Derivatives by a Palladium-Catalyzed Tandem Carboxamidation/Hydroamidation Reaction, *European Journal of Organic Chemistry*, 33, 5579-5587. 2.834

Raghu Chitta

Soni D., Gangada S. Duvva N., Roy T.K.R., Nimesh S., Arya G., Lingamallu G., **Chitta R.**, (2017), Hypochlorite-Promoted Inhibition of Photo-induced Electron Transfer in Phenothiazine-Borondipyrromethen Donor-Acceptor Dyad: A Cost-Effective and Metal-Free "Turn-On" Fluorescent Chemosensor for Hypochlorite, *New Journal of Chemistry*, 41, 5322-5333. 3.277

Voccia D., Sosnowska M., Bettazzi F., Roscigno G., Fratini, E., Franciscis V.D., Condorelli G., **Chitta, R.**, D'Souza F., Kutner W., Palchetti I., (2017), Direct Determination of Small RNAs Using a Biotinylated Polythiophene Impedimetric Genosensor, *Biosensors & Bioelectronics*, 87, 1012-1019. 7.47

Lingamallu G., Jain K., Kolanu S., Duvva N., **Chitta R.**, (2016), Light Induced Intramolecular Electron and Energy Transfer Events in Rigidly Linked Borondipyrromethene-Corrole Dyad, *Journal of Luminescence*, 177, 209-218. 2.686

Easwar Srinivasan

Inani H., Jha A.K., **Easwar S.**, (2017), Proline-Mediated Baylis-Hillman Reaction of Methyl Vinyl Ketone without a Co-catalyst under Solvent-Free Conditions, *Synlett*, 28(01), 128-132. 2.3

Bhati M., Upadhyay S., **Easwar S.**, (2017), Exploring "Through-Bond" Proximity between the Ion Tag and Reaction Site of an Imidazolium-Proline Catalyst for the Direct Asymmetric Aldol Reaction, *European Journal of Organic Chemistry*, 13, 1788-1793. 3.1

Jha A.K., Inani H., **Easwar S.**, (2017), A Nucleophilic Activation of Carboxylic Acids by Proline: Oxa-Michael Addition to Methyl Vinyl Ketone under Solvent-Free Conditions, *Synlett*, 28(12), 1473-1477 2.3

Kucherenko A., Perepelkin V.V., Zhdankina G.M., Kryshtal G.V., **Srinivasan, E.**, Inani H., Zlotin S.G., (2016), Ionic liquid supported 4-HO-Pro-Val derived organocatalysts for asymmetric aldol reactions in the presence of water, *Mendeleev Communications*, 26(5), 388-390. 1.4

M. Bhanuchandra

Onoda M., Koyanagi Y., Saito H., **Bhanuchandra M.**, Matano Y., Yorimitsu H., (2017), Synthesis of dibenzophosphole oxides from dibenzothiophene dioxides and phenylphosphine by two successive S_NAr reactions, *Asian Journal of Organic Chemistry*, 6(3), 257-261. 2.788

Bhanuchandra M., Yorimitsu H., (2017), Dibenzothiophene 5,5-dioxide e-EROS Encyclopedia of Reagents for Organic Synthesis, DOI: 10.1002/047084289X.rn02046.

Sunil G. Naik

Sheoran M., Bhar K., **Sharma A.K., Naik S.G.**,(2017), Phosphatase activity and DNA binding studies of dinuclearphenoxo-bridged zinc(II) complexes with N,N,O-donor ligand and halide ions of rare cis-configuration, *Polyhedron*, 129, 82-91. 1.926

Anuj K. Sharma

Sheoran M., Bhar K., **Sharma A.K., Naik S.G.**,(2017), Phosphatase activity and DNA binding studies of dinuclearphenoxo-bridged zinc(II) complexes with N,N,O-donor ligand and halide ions of rare cis-configuration, *Polyhedron*, 129, 82-91. 1.926

Pareek A., Dada R., Rana M., **Sharma A.K.**, Yaragorla S., (2016), Bu₄NPF₆ promoted regioselective cascade synthesis of functionally embellished naphthofurans under acid, metal & solvent free conditions, *RSC Advances*, 6, 89732-89743. 3.108

Yaragorla S.D.R., Singh G., Pareek A., Rana M., **Sharma A.K.**, (2016), Ca(II)-Catalyzed regioselective cascade synthesis of Oxindolyl naphthofurans through Meyer-Schuster type Rearrangement, *Chemistry Select*, 1(21), 6902-6906.

Bera S., Lamba S., Rashid M., **Sharma A.K.**, Medvinsky A.B., Li B.-L., Chakraborty A, (2016), Robust kinetic regulation of ammonium assimilation by glutamate dehydrogenase, *Integrative Biology*, 8(11), 1126-1132. 3.252

Department of Economics

Pragati Jain

Jain P., Jain P., (2017), Analysis of Infant Mortality Rate in Indian States: A Policy Paradigm for Attaining Overall Health Improvement, *Journal of Health Management*, 19(2), 334-339. 0.982

Jain P., Jain P., (2016), Quenching Thirst by Stealing Livelihood: Kaladera Bottling Plant of Coca Cola, *Economic and Political Weekly*, 51(46), 18-19.

Jain P., **Jain P., (2016)**, Population and development: impacts on environmental performance, *Chinese Journal Of Population Resources and Environment*, 14(3), 208-214.

Satyanarayana Murthy Dogga

Dogga S.M., Patra S.K., Babu M., (2017), Determinants of banking sector development in India: ARDL Bound Testing Hypothesis, *Asian Journal of Research in Banking and Finance*, 7(9), 133-149.

Patra S.K., **Dogga S.M., Babu M., (2017)**, Revisiting the Causal Nexus between Savings and Economic Growth in India: An Empirical Analysis, *Economia*, DOI: 10.1016/j.econ.2017.05.001, ISSN1517-7580.

Patra S.K, **Dogga S.M., Biswal A., (2016)**, Savings-Growth-Inflation nexus in Asia: Panel Data Approach, *Journal of Economics and Finance*, 6(4) 75-85.

Pramod Kumar Naik

Naik P.K., Padhi P., (2016), Investor Sentiment Stock Market Returns and Volatility: Evidence from National Stock Exchange India, *International Journal of Management Practice*, 9(3), 213-237.

Department of Education

Narendra Kumar

Kandpal G., **Kumar N., (2016)**, Role Stress among Male and Female Primary Teachers of East Delhi, *Contemporary Social Sciences*, 25(3), 129-136. 0.765

Kandpal G., **Kumar N., (2016)**, Study of Role Structure of Male and Female Primary Teachers of East Delhi, *Paripex*, 5(9), 8-10.

Kandpal G., **Kumar N., (2016)**, Study of Role Structure of More and Less Experienced Primary School Teachers of East Delhi, *International Journal of Academic Research*, 3(11-1), 107-111.

Kandpal G., **Kumar N., (2016)**, Role Stress among More and Less Experienced Primary School Teachers of East Delhi, *Indian Journal of Applied Research*, 6(12), 75-76.

- Kandpal G., Kumar N., (2017), Role Structure of Primary Teachers of Government and Private Schools of East Delhi, *Contemporary Social Sciences*, 26(1), 153 -162. 0.765
- Kumar N., Kandpal G., (2017), Role Stress among Primary Teachers of Government and Private Schools of East Delhi, *Paripex*, 6(6), 28-29.
- Kumar N., Kandpal G., (2017), Relationship between Role Structure and Role Stress of Primary School Teachers of East Delhi, *Paripex*, 6(7), 54-55.
- Kumar N., (2017), WebQuests : Effective Online Resources for Teaching and Learning, *Contemporary Social Sciences*, 26(2), 77-84. 0.765
- Kumar N., (2017), Open Educational Resources: Emerging Paths of Learning, *Journal of National Development*, 30(1), 215-222. 0.842

Gobind Singh Gure

- Gure, G.S., (2017), Gender Influences on the Entrepreneurial Tendencies & Entrepreneurial Attitude of University Students, *International Journal of Research in Social Sciences*, 7(8).
- Gure G.S., Laxmi, V., (2017), E-learning as an effective mode of distance education *Research Revolution*, 5(10), 53-61.
- Gure, G.S., (2017), A comparative analysis of entrepreneurial attitudes of university students in relation to their socio-economic status, *International Journal of Research in Social Sciences*, 7(5), 291-305.
- Gure, G.S., (2016), Techno-pedagogy practices in teacher education, *International Journal of Enhanced Research in Educational Development*, 4(6) 33-40. 1.554
- Gure, G.S., (2016), M-learning: implications and challenges, *International Journal of Science and Research*, 5 (12), 2087-2093.
- Gure, G.S., (2016), Gender sensitisation: significance of education, *International Education and Research Journal*, 2(12), 117-119.
- Gure G.S., Laxmi, V., (2017), Total quality management: a continuous improvement process in education, *International Journal of Research in Economics and Social Sciences*, 5(1) 26-43.

Department of Environmental Science

Devesh Sharma

- Gunawat, A., Dubey, S. K., Sharma D., (2016), Development of indices for aridity and temperature changes pattern through GIS mapping for Rajasthan, India, *Climate Change and Environmental Sustainability*, 4(2), 178-189.

Ritu Singh

Singh R., Jain R., Sudhaker S., Barik A.K., Kumar S., (2017), Coupling microextraction with thin layer chromatography image processing analysis: A new analytical platform for drug analysis, *Toxicology and Forensic Medicine*, 2(1), 17-25.

Alok Kumar

Singh C.K., Kumar A., Shashtri S., **Kumar A.**, Kumar P., Mallick J., (2017), Multivariate statistical analysis and geochemical modeling for geochemical assessment of groundwater of Delhi, India, *Journal of Geochemical Exploration*, 175, 59-71.

2.464

Department of English

Supriya Agarwal

Agarwal S., (2016), Aestheticized Politics and Gender in the Memoirs of Nayantara Sahgal and Sara Suleri, *International Journal of English Language, Literature and Humanities*, IV(IX), 288-296.

0.439

Agarwal S., (2017), Anthropomorphism as a Literary Device in Literature and its Adaptations, *Literary Insight*, 8(1), 34-39.

Bhumika Sharma

Sharma B., (2016), Knowledge, Ethics and Choices: Theorizing the Functional Matrix of Literature as a Humanities Discipline, *Epiphany: Journal of Transdisciplinary Studies*, 9(1), 41-51.

Sharma B., (2016), Translation in the Era of Postmodernist Art, *Journal of Rajasthan Association for Studies in English*. 12, 56-64.

Neha Arora

Arora N., (2017), The truth about me: a hijra life story, A Book Review, *Langlit*, 3(3), 16-18.

Devendra Rankawat

Rankawat D., (2016), The Poet's Mind and the Vision of Sustainable Development, *Journal of Rajasthan Association for Studies in English*, 12, 113-120.

Scholars

Singh A.D., (2016), Interrogation Counter – Interrogation and Revolution: A Comparative Study of Dario Fo and Ngugi Wa Thiong' O Select Works, *Roots*, 3, 1-3.

Balveer, (2016), The Culture of Rajasthan in the Fictional World of Vijaydan Detha *Journal of Rajasthan Association for Studies in English*, 12, 108-112.

Musfar, Ahmed P.M., (2017), Anthropomorphism as a Literary Device in Literature and its Adaptations" *Literary Insight*, 8, 34-39.

Bhaduri, I., (2016), Reinterpreting the Subcontinent: reading Burma, Its Social-Political Structures and the Predicament, in and around Freedom From Fear, *Impressions of Eternity*, 11, 40-47.

Singh, A.D., (2016), Literature, Films and Television: Reconstruction of Intertextuality in Select English Television Serials, *Asian Quarterly*, 3, 46-56.

Department of Hindi

N. Lakshmi Aiyar

Aiyar N.L.,(2016), Geet Govind Ki Saras Vyakhya, *Ghavesha*, 108, 353-356.

Jitendra Kumar Singh

Singh J.K., (2016), Lok-Sanskriti Ka Vishleshnatmak Anushilan, *Purvottar Luit Sahitya*, 3(4-5), 87-92.

Singh J.K., (2016), Jansanchar Madhyamon Mein Hindi Ka Anuprayog, *Dakshin Bharat*, 164, 29-35.

Singh J.K., (2017), Lokoktiyon Mein Nihit Lokanubhav Evam Shiksha, *Vandanam Prakashan*, 16-20.

Singh J.K., (2017), Adhunik Rajasthani Brajbhasha Kavya Mein Ras, *Hastakshar*, 27.

Mamata Khandal

Khandal M., (2016), Aaj ke sandarbh mein prayojan mulak hindi, *Vishwamukti*, 14, 6-7.

Khandal M., (2016), Samkalin kavita, *Vibhom Swar*, 1(3), 49-52.

Suresh Singh Rathore

Rathore S.S., (2016), Ramswaroop kisan ke sahity men hashie ki avaj, *Vidyawarta*, 07(15), 157-161.

Rathore S.S., (2016), Samakaleen rajasthani sahity aur madhyam varg ki peeda, *Printing Area*, 01(22), 134-139.

Rathore S.S., (2016), Jayshankar prasad Aur mohan Rakesh ke natakon ke stri Patron ka tulnatmak adhyayn, *Bhashiki*, 64, 89-94.

Rathore S.S., (2017), Atankwad ke pratirodh men sahity ka ubharta swar, *Vidyawarta*, 11(18), 17-19.

Sandeep Vishwanathrao Ranbhirkar

Ranbhirkar S.V., (2017), Adhunik sanvedana aur kabir ka samajik bhavbodh, *Vidyavarta*, 12, 164-168.

Ranbhirkar S.V., (2017), Premchand and his contribution to Urdu Fiction, *Printing Area*, 1, 32-36.

Ranbhirkar S.V., (2017), Sahityik Paridhi par stri, *Vidyavarta*, 3, 169-171.

Ranbhirkar S.V., (2017), Mahila Katha Sahitya Me Dampatyagat Dooriyon ki Imandar Svikruti, *Sahitya Kunj* 119.

Ranbhirkar S.V., (2017), Hindi Mahila Katha Lekhan aur Stri Chetana, *Printing Area*, 6, 183-186.

Department of Management

Maithili R.P. Singh

Verma Y., **Singh M.R.P., (2017)**, Marketing mix, customer satisfaction and loyalty: an empirical study of telecom sector in Bhutan, *Indian Journal of Commerce & Management Studies*, 8(2), 121-129. 2.6

Agarwal A., **Singh M.R.P., (2016)**, Service quality and patient satisfaction: an exploratory study of pathological laboratories in Jaipur, *Hospital Topics*, 94(2), 23-32.

Sanjay Kumar Garg

Singh D.D., **Garg S.K., (2017)**, Estimating profitability ratio of cement companies in India: a company level econometric analysis, *International Journal of Scientific Research & Progress*, 95(34), 26-29. 3.0

Tulsee Giri Goswami

Goswami T.G., Burman R., (2016), A study on work stress and work-family issue among working women, *Pragyaa Journal of Management*, 6(2), 50-60.

Department of Mathematics

D.C. Sharma

Jharotia P., **Sharma D.C., (2016)**, Mathematical analysis of machine repair problems with common cause failure, hot spares and multiple repairmen, *Asian Journal of Multidisciplinary Studies* 4(2), 43-51. 1.498

Jharotia P., Sharma D.C., (2017), Mathematical analysis of machining with warm Spares and variable service rate, *International Journal of Process Management and Benchmarking*, 7(2), DOI: 10.1504/IJPMB.2017.083102. 1.2

J.K. Prajapat

Maharana S., Bansal D., Prajapat J. K.,(2016), Coefficient Bounds for inverse of certain univalent functions, *Bulletin of Mathematical Analysis and Applications*, 8(3), 59-65.

Baricz A., Kant S., Prajapat J. K., (2016), Differential subordination and superordination results associated with the Wright function, *Bulletin of the Iranian Mathematical Society*, 42(6), 1459-1477. 0.283

Prajapat, J. K., Mishra, A.K., (2017), Differential subordination and superordination results associated with generalized Hurwitz-Lerch zeta function, *Kyungpook Mathematical Journal*, 57(2), 233-244. 0.16

Prajapat J.K., Maharana S., Bansal D., (2017), Bounds on third Hankel determinant for certain classes of analytic functions, *Studia Universitatis Babeş-Bolyai Mathematica*, 60(2), 183-195.

Maharana S., Prajapat J. K., Srivastava H.M., (2017), The radius of convexity of partial sums of convex functions in one direction, *Proceedings of the National Academy of Sciences, India Section A: Physical Sciences*, 87(2), 215-219. 0.39

Anand Kumar

Vanita, Kumar A., (2016), Effect of Radial Magnetic Field on Free Convective Flow over Ramped Velocity Moving Vertical Cylinder with Ramped Type Temperature and Concentration, *Journal of Applied Fluid Mechanics*, 9(6), 2855-2864. 0.89

Kumar A., Vanita, Gupta V.K., (2016), Study of heat and mass transport in Couple-Stress liquid under G-jitter effect, *Ain Shams Engineering Journal*, (in printing), DOI: 10.1016/j.as ej.2016.05.003.

Amit Chakraborty

Lamba S., Bera S., Rashid M., Medvinsky A., Gui Q.S., Acquisti C., Li B.L., Chakraborty A., (2017), Organization of microbial nitrogen pathways with switch-like adjustment to fluctuating soil redox conditions, *Royal Society Open Science*, 4, 160768, DOI: 10.1098/rsos.160768. 2.243

Bera S., Lamba S., Rashid M., Sharma A., Medvinsky A., Acquiati C., Li B.L., Chakraborty A., (2016), Robust regulation of hepatic pericentral amination by glutamate dehydrogenase kinetics, *Royal Society Integrative Biology*, 8(11), 1126-1132. 3.252

Ram Kishor

Kishor R., (2016), Linear Stability of Equilibrium Points in the restricted three body problem with Perturbations, *Journal of International Academy of Physical Sciences*, 20(1), 1-16.

Kishor R., Kushvah B.S., (2017), The Linear Stability of Collinear Equilibrium Points and Resonances, *Advances in Astrophysics*, 2(1), 52-65.

Kishor R., Kushvah B.S., (2017), Normalization of Hamiltonian and Nonlinear Stability of the Triangular Equilibrium Points in Non-Resonance Case with Perturbations, *Astrophysics and Space Science*, 362, 156, 1-18. 1.622

Jai Prakash Tripathi

Jana D., **Tripathi J.P., (2016)**, Impact of generalist type sexually reproductive top predator interference on the dynamics of a food chain model, *International Journal of Dynamics and Control*, DOI: 10.1007/s40435-016-0255-9.

Tripathi J.P., Abbas S., Thakur M., (2017), Dynamical analysis of a density dependent two prey one predator model with help, *Dynamics of Continuous, Discrete, & Impulsive, Systems Series B: Applications and Algorithms*, 24(1), 49-81.

Abbas S., **Tripathi J.P., Aanam N., (2017)**, Dynamical analysis of a model of social behavior: criminal vs non-criminal population, *Chaos, Solitons and Fractals*, 98, 121-129. 1.611

Tripathi J.P., Meghwani S.S., Thakur M., Abbas S., (2017), A modified Leslie-Gower predator-prey interaction model and parameter identifiability, *Communications in Nonlinear Science and Numerical Simulation*, 54(2018), 331-346. 2.834

Vipul Kakkar

Kakkar V., (2017), An Example of a Right Loop Admitting Only Discrete Topologization, *National Academy of Science Letters*, Accepted. 0.369

Yadav A.C., Mishra L.K., **Kakkar V., (2017)**, On Free Right Loops, *National Academy of Science Letters*, Accepted. 0.369

Department of Microbiology

Nidhi Pareek

Kumar M., Brar A., Vivekanand V., **Pareek N., (2017)**, Production of chitinase from thermophilic *Humicola grisea* and its application in production of bioactive chitoooligosaccharides, *International Journal of Biological Macromolecules*, 104, 1641-1647. 3.67

Brar A., Kumar M., Vivekanand V., **Pareek N.,(2017)**, Photoautotrophic microorganisms and bioremediation of industrial effluents: current status and future perspectives, *3Biotech*, 7, 18-25. 1.36

Kunwar P., Kushwaha S.K., Yadav M., **Pareek N.**,Chawade A., Vivekanand V., **(2017)**, Food waste to energy: An overview on sustainable approach for food waste management and nutrient recycling, *BioMed Research International*, 2017, 1-19. 2.13

Kunwar P., Mathur S., **Pareek N.**, Vivekanand V., **(2017)**, Feasibility study of waste (d) potential: co-digestion of organic wastes, synergistic effect and kinetics of biogas production, *International Journal of Environmental Science and Technology*, DOI: 10.1007/s13762-017-1453-5. 1.92

Akhil Agrawal

Rellegadla S., Prajapat G., **Agrawal A.**,**(2017)**, Polymers for enhanced oil recovery: fundamentals and selection criteria, *Applied Microbiology and Biotechnology*, 101(11), 4387-4402. 3.337

Sathishkumar K., Sathiyaraj S., Parthipan P., **Agrawal A.**, Murugan K., Rajasekar A., **(2017)**, Electrochemical decolorization of methyl red by RuO₂-IrO₂-TiO₂ electrode and biodegradation with *Pseudomonas stutzeri* MN1 and *Acinetobacter baumannii* MN3: An integrated approach, *Chemosphere*, 183, 204-211. 3.137

Jain S., Prajapat G., Abrar M., Ledwani L., Singh A., **Agrawal A.**, **(2017)**, Cyanobacteria as efficient producers of mycosporine-like amino acids, *Journal of Basic Microbiology*, 57(9),715-72. 1.395

Parthipan P., Narenkumar J., Elumalai P., Preethi P.S., Nanthini A.U.R., **Agrawal A.**, & Rajasekar, A., **(2017)**, Neem extract as a green inhibitor for microbiologically influenced corrosion of carbon steel API 5LX in a hypersaline environments, *Journal of Molecular Liquids*, 240, 121-127. 3.648

Arvind P. Singh

Katiyar T.,Maurya S.S., Hasan F., **Singh A.P.**, Khan A.J., Hadi R., Singh S., Bhatt M.L.B., Parmar D., **(2017)**, Association of cytochrome P450 1B1 haplotypes with head and neck cancer risk, *Environmental and Molecular Mutagenesis*, 58(6), 443-450. 3.57

Vijay K. Verma

Pandey P., **Verma V.**, Kumari N., Dhar S.K., and Gourinath S., **(2017)**, Targeting β -clamp in *Helicobacter pylori* with FDA approved drugs yields micromolar inhibition by diflunisal, *FEBS Letter*, 591(15):2311-2322. 3.90

Department of Pharmacy

Vipin Kumar

Sharma V., Kamal R., **Kumar V.**, (2017), Heterocyclic analogues as kinase inhibitors: A Focus Review, *Current Topics in Medicinal Chemistry*, 17(22), 2482-2492. 2.9

Sharma V., Sharma P.C., **Kumar V.**, (2016), Indolizine derivatives as phosphodiesterase IV inhibitors: Development and validation of pharmacophore models, *Bulletin of Pharmaceutical Research*, 6(2), 68-73. 1.21

Sharma A., **Kumar V.**, Kumar S., Pathak DP., Sharma P.C., (2016), Synthesis, characterization and biological evaluation of some imidazolyl thiazolidin-4-ones for antibacterial, antifungal and anthelmintic activities, *The Pharmacos*, Accepted.

Devesh Sawant

Pathare R.S., Sharma S., Gopal K., **Sawant D.M.**, Pardasani R.T., (2017), Palladium-catalyzed convenient one-pot synthesis of multi-substituted² pyrones via transesterification and alkenylation of enynoates, *Tetrahedron Letters*, 58(14), 1387-1389. 2.379

Sharma S., Singh S., Kumari A., **Sawant D.M.**, Pardasani R.T., (2017), Ruthenium-Catalyzed Oxidative Annulation of Anilines using Benzothiazole as a Removable Directing Group, *Asian Journal of Organic Chemistry*, 6(6), 728-736. 2.7888

Pathare R.S., Sharma S., Elagandhula S., Saini V., **Sawant D.M.**, Yadav M., Sharon A., Khan S., Pardasani R.T., (2016), Application of isocyanides as amide surrogates in the synthesis of diverse isoindolin-1-one derivatives by palladium catalysed tandem carboxamidation/hydroamidation reaction, *European Journal of Organic Chemistry*, 2016(33), 5579-5587. 2.834

Ruchi Malik

Chander S., Pandey R.K., Penta A., Choudhary B.S., Sharma M., **Malik R.**, Prajapati V. K., Murugesu S, (2017), Molecular docking and molecular dynamics simulation based approach to explore the dual inhibitor against HIV-1 reverse transcriptase and Integrase, *Combinatorial Chemistry & High Throughput Screening*, DOI: 10.2174/1386207320666170615104703. 0.952

Piplani P., Sharma M., Mehta P, **Malik R.**, (2017), *N*-(4-Hydroxyphenyl)-3,4,5-trimethoxybenzamide derivatives as potential memory enhancers: synthesis, biological evaluation and molecular simulation studies, *Journal of Biomolecular Structure and Dynamics*, DOI: 10.1080/07391102.2017.1336943. 3.123

Chaudhary S., Gothwal A., Khan I., Srivastava S., **Malik R.**, Gupta U., (2017), Polypropyleneimine and polyamidoamine dendrimer mediated enhanced solubilization of bortezomib: Comparison and evaluation of mechanistic aspects by thermodynamics and molecular simulations, *Materials Science and Engineering: C*, 72, 611-619. 3.094

- Kumar P., Sharma G., Kumar R., **Malik R.**, Singh B., Katare O.P., Raza K., (2017), Vitamin-derived nanolipoidal carriers for brain delivery of dimethyl fumarate: A novel approach with preclinical evidences, *ACS Chemical Neuroscience*, 8(6), 1390-1396. 3.883
- Malik R.**, Gupta R., Srivastava S., Choudhary B.S., Sharma M., (2017), Design, synthesis and biological evaluation of selected 3-[3 (amino)propoxy]benzenamines as acetylcholinesterase inhibitors, *Journal of Biomolecular Structure and Dynamics*, 35(11), 2382-2394. 3.123
- Malik R.**, Mehta P., Srivastava S., Choudhary B.S., Sharma M., (2016), Structure-based screening, ADMET profiling and molecular dynamic studies on mGlu2 receptor for identification of newer antiepileptic agents, *Journal of Biomolecular Structure and Dynamics*, DOI: 10.1080/07391102.2016.1257440. 3.123
- Malik R.**, Choudhary B.S., Srivastava S., Mehta P., Sharma M., (2016), Identification of novel Acetylcholinesterase inhibitors through e-pharmacophore based virtual screening and molecular dynamics simulations, *Journal of Biomolecular Structure and Dynamics*, DOI: 10.1080/07391102.2016.1253503. 3.123
- Malik R.**, Bunkar D., Choudhary B.S., Srivastava S., Mehta P., Sharma M., (2016), High throughput virtual screening and *in-silico* ADMET analysis for rapid and efficient identification of potential PAP248-286 aggregation inhibitors as anti-HIV agents, *Journal of Molecular Structure*, 1122 (2016), 239-246. 1.753
- Kumar P., Sharma G., Kumar R., **Malik R.**, Singh B., Katare, O.P., Raza K., (2016), Enhanced brain delivery of dimethyl fumarate employing tocopherol acetate-based nanolipidic carriers: Evidences from pharmacokinetic, biodistribution and cellular uptake studies, *ACS Chemical Neuroscience*, 8(4), 860-865. 3.883
- Kumar P., Sharma G., Kumar R., Singh B., **Malik R.**, Katare O.P., Raza K., (2016), Promises of a biocompatible nanocarrier in improved brain delivery of quercetin: biochemical, pharmacokinetic and biodistribution evidences, *International Journal of Pharmaceutics*, 515(1-2), 307-314. 3.649
- Kumar P., Kumar R., Singh B., **Malik R.**, Sharma G., Chitkara D., Katare O.P., Raza K., (2016), Biocompatible phospholipid-based mixed micelles for tamoxifen delivery: Promising evidences from in-vitro anticancer activity and dermatokinetic studies, *AAPS PharmSciTech*, 18(6), 2037-2044. 2.451
- Raza K., Kumar N., Misra C., Kaushik L., Guru S.K., Kumar P., **Malik R.**, Bhushan, S., Katare O.P., (2016), Dextran PLGA loaded docetaxel micelles with enhanced cytotoxicity and better pharmacokinetic profile, *International Journal of Biological Macromolecules*, 88(2016), 206-212. 3.671

Umesh Gupta

- Upadhyay S., Khan I., Gothwal A., Pachouri P., Bhaskar N., Gupta U.D., Chauhan D.S., **Gupta U.**, (2017), Conjugated and entrapped HPMa-PLA nano-polymeric micelles based dual delivery of first line anti TB drugs: improved and safe drug delivery against sensitive and resistant *Mycobacterium Tuberculosis*, *Pharmaceutical Research*, 34(9), 1944-1955. 3.002
- Gupta L., Sharma A.K., Gothwal A., Khan M.S., Khinchi M.P., Qayum A., Singh S.K., **Gupta U.**, (2017), Dendrimer encapsulated and conjugated delivery of berberine: a novel approach mitigating toxicity and improving *in vivo* pharmacokinetics, *International Journal of Pharmaceutics*, 528(1-2), 88-99. 3.649
- Gupta U.**, Sharma S., Khan I., Gothwal A., Sharma A.K., Singh Y., Chourasia M.K., Kumar V, (2017), Enhanced apoptotic and anticancer potential of paclitaxel loaded biodegradable nanoparticles based on chitosan, *International Journal of Biological Macromolecules*, 98(2017), 810-819. 3.67
- Chaudhary S., Gothwal A., Khan I., Srivastava S., Malik R., **Gupta U.**, (2017), Polypropyleneimine and polyamidoamine dendrimer mediated enhanced solubilization of bortezomib: Comparison and evaluation of mechanistic aspects by thermodynamics and molecular simulations, *Materials Science and Engineering C*, 72, 611-619. 4.164
- Khan I., Gothwal A., Sharma A.K., Qayum A., Singh S.K., **Gupta U.**, (2016), Biodegradable nano-architectural pegylated approach for the improved stability and anticancer efficacy of Bendamustine, *International Journal of Biological Macromolecules*, 92, 1242-125. 3.67
- Kesharwani P., Gothwal A., Iyer A.K., Jain K., Chourasia M.K., **Gupta U.**, (2017), Dendrimer nano-hybrid carrier systems: an expanding horizon for targeted drug and gene delivery, *Drug Discovery Today* (in-press), DOI: 10.1016/j.drudis.2017.06.009. 6.369
- Choudhary S., Gupta L., Rani S., Dave K.K., **Gupta U.**, (2017), Impact of dendrimers on solubility of hydrophobic drug molecules, *Frontiers in Pharmacology*, 8, 261, DOI: 10.3389/fphar.2017.0026. 4.400
- Kumar H., Mishra G., Sharma A.K., Gothwal A., Kesharwani P., **Gupta U.**, (2017), Intranasal drug delivery: a non-invasive approach for the better delivery of neurotherapeutics, *Pharmaceutical Nanotechnology*, DOI: 10.2174/2211738505666170515113936. 6.369
- Wickens J.M., Alsaab H.O., Kesharwani P., Bhise K., Amin M.C., Tekade R.K., **Gupta U.**, Iyer A.K., (2017), Recent advances in hyaluronic acid-decorated nanocarriers for targeted cancer therapy, *Drug Discovery Today*, 22(4), 665-680. 6.369
- Sharma A.K., Gothwal A., Kesharwani P., Alsaab H., Iyer A.K., **Gupta U.**, (2017), Dendrimer nanoarchitectures for cancer diagnosis and anticancer drug delivery, *Drug Discovery Today*, 22(2), 314-326. 6.369

Kaisar Raza

- Thakur C.K., Thotakura N., Kumar R., Kumar P., Singh B., Chitkara D., **Raza K.**, (2016), Chitosan-modified PLGA polymeric nanocarriers with better delivery potential for tamoxifen, *International Journal of Biological Macromolecules*, 93(2016), 381-389. 3.671
- Kumar P., Kumar R., Singh B., Malik R., Sharma G., Chitkara D., Katare O.P., **Raza K.**, (2016), Biocompatible phospholipid-based mixed micelles for tamoxifen delivery: Promising evidences from in-vitro anticancer activity and dermatokinetic studies, *AAPS PharmSciTech*, 18(6), 2037-2044. 2.451
- Kumar P., Sharma G., Kumar R., Malik R., Singh B., Katare O.P., **Raza K.**, (2016), Enhanced brain delivery of dimethyl fumarate employing tocopherol acetate-based nanolipidic carriers: evidences from pharmacokinetic, biodistribution and cellular uptake studies, *ACS Chemical Neuroscience*, 8(4), 860-865. 3.883
- Kumar P., Sharma G., Kumar R., Singh B., Malik R., Katare O.P., **Raza K.**, (2016), Promises of a biocompatible nanocarrier in improved brain delivery of quercetin: Biochemical, pharmacokinetic and biodistribution evidences, *International Journal of Pharmaceutics*, 515(1-2), 307-314. 3.649
- Puri A., Kaur A., **Raza K.**, Goindi S., Katare O.P., (2017), Development and evaluation of topical microemulsion of dibenzoylmethane for treatment of UV induced photoaging, *Journal of Drug Delivery Science and Technology*, 37, 1-12. 1.194
- Kumar P., Sharma G., Kumar R., Malik R., Singh B., Katare O.P., **Raza K.**, (2017), Vitamin-derived nanolipoidal carriers for brain delivery of dimethyl fumarate: a novel approach with preclinical evidence, *ACS Chemical Neuroscience*, 8 (6), 1390-1396. 3.883
- Madhwi., Kumar R., Kumar P., Singh B., Sharma G., Katare O.P., **Raza K.**, (2017), In-vivo pharmacokinetic studies and intracellular delivery of methotrexate by means of glycine-tethered PLGA-based polymeric micelles
International Journal of Pharmaceutics, 519 (1-2), 138-144. 3.649
- Singh A., Thotakura N., Kumar R., Singh B., Sharma G., Katare O.P., **Raza K.**, (2017), PLGA-soya lecithin based micelles for enhanced delivery of methotrexate: Cellular uptake, cytotoxic and pharmacokinetic evidences, *International Journal of Biological Macromolecules*, 95(2016), 750-756. 3.096
- Sharma G., Thakur K., Setia A., Amarji B., Singh M.P., **Raza K.**, Katare O.P., (2017), Fabrication of acyclovir-loaded flexible membrane vesicles (FMVs): evidence of preclinical efficacy of antiviral activity in murine model of cutaneous HSV-1 infection, *Drug Delivery and Translational Research*, DOI: 10.1007/s13346-017-0417-0. 3.094

- Sharma G., Saini M.K., Thakur K., Kapil N., Garg N.K., **Raza K.**, Goni V.G., Pareek A., Katare O.P., (2017), Aceclofenac cocrystal nanoliposomes for rheumatoid arthritis with better dermatokinetic attributes: a preclinical study, *Nanomedicine*, 12(6), 615-638. 4.727
- Thotakura N., Kumar P., Wadhwa S., **Raza K.**, Katare O.P., (2017), Dermatokinetics as an important tool to assess the bioavailability of drugs by topical nanocarriers, *Current Drug Metabolism*, 18(5), 404-41. 2.976
- Misra C., Kumar M., Sharma G., Kumar R., Singh B., Katare O.P., **Raza K.**, (2017), Glycinated fullerenes for tamoxifen intracellular delivery with improved anticancer activity and pharmacokinetics, *Nanomedicine*, 12(9), 1011-1023. 4.727
- Joshi M., Kumar P., Kumar R., Sharma G., Singh B., Katare O.P., **Raza K.**, (2017), Aminated carbon-based "cargo vehicles" for improved delivery of methotrexate to breast cancer cells, *Materials Science and Engineering: C*, 75, 1376-1388. 3.420
- Raza K.**, Ratan S., Kumar M., Kumar P., Chaturvedi S. Katare O.P., (2017), Aceclofenac polymorphs: Preparation, characterization and intestinal permeation studies, *Journal of Drug Delivery Science and Technology*, 39(2017), 69-74. 1.194
- Misra C., Thotakura N., Kumar R., Singh B., Sharma G., Katare O.P., **Raza K.**, (2017), Improved cellular uptake, enhanced efficacy and promising pharmacokinetic profile of docetaxel employing glycine-tethered C60-fullerenes, *Materials Science and Engineering: C*, 76, 501-508. 3.420
- Lohan S., **Raza K.**, Mehta S.K., Bhatti G.K., Saini S., Singh B.,(2017), 3.649
Anti-Alzheimer's potential of berberine using surface decorated multi-walled carbon nanotubes: A preclinical evidence, *International Journal of Pharmaceutics*, 530(1-2), 263-278.
- Thotakura N., Dadarwal M., Kumar R., Singh B., Sharma G., Kumar P., Katare O.P., **Raza K.**, (2017), Chitosan-palmitic acid based polymeric micelles as promising carrier for circumventing pharmacokinetic and drug delivery concerns of tamoxifen, *International Journal of Biological Macromolecules*, 102, 1220-1225. 3.671

Department of Physics

Manish Dev Shrimali

- Yadav K., Kamal N.K., **Shrimali M.D.**, (2017), Intermittent feedback induces attractor selection, *Physical Review*, 95(4), 042215-1-042215-6. 2.366
- Sharma A., **Shrimali M.D.**, Prasad A., Ramaswamy R., (2017), Time-delayed conjugate coupling in dynamical systems, *The European Physical Journal Special Topics*, 226(9), 1903-1910. 1.862

Sharma A., Verma U.K., **Shrimali M.D.**, (2016), Phase-flip and oscillation quenching states transitions through environmental diffusive coupling, *Physical Review*, 94(6), 062218. 2.366

Neeraj Panwar

Kumar S., Coondoo I., Vasundhara M., Puli V.S., **Panwar N.**, (2017), Observation of negative magnetization and magnetocaloric Effect in manganese doped EuCrO_3 orthochromites, *Physica B: Condensed Matter*, 519, 69-75. 1.352

Kumar S., Coondoo I., Vasundhara M., Kumar S. Kholkin A., **Panwar N.**, (2017), Structural, magnetic, magnetocaloric and specific heat investigations on Mn doped PrCrO_3 Orthochromites, *Journal of Physics: Condensed Matter*, 29(19) 5802. 2.649

Kumar S., Coondoo I., Vasundhara M., **Patra A.K.**, Kholkin A., **Panwar, N.**, (2017), Magnetization reversal behavior and magnetocaloric effect in $\text{SmCr}_{0.85}\text{Mn}_{0.15}\text{O}_3$ chromites, *Journal of Applied Physics*, 121(4), 043907. 2.068

Kumar S., Coondoo I., Rao A., Lu B.H., Kuo Y.K., Kholkin A.L., **Panwar, N.**, (2017), Impact of low level praseodymium substitution on the magnetic properties of YCrO_3 orthochromites, *Physica B: Condensed Matter*, 510, 104-108 1.352

Coondoo I., **Panwar N.**, Vidyasagar R., Kholkin A.L., (2016), Defect chemistry and relaxation processes: effect of an amphoteric substituent in lead-free BCZT ceramics, *Physical Chemistry Chemical Physics*, 18, 31184. 4.132

Ajit Kumar Patra

Kumar S., Coondoo I., Vasundhara M., **Patra A.K.**, Kholkin A., **Panwar, N.**, (2017), Magnetization reversal behavior and magnetocaloric effect in $\text{SmCr}_{0.85}\text{Mn}_{0.15}\text{O}_3$ chromites, *Journal of Applied Physics*, 121(4), 043907. 2.068

Richter N., Hernandez Y.R., Schweitzer S., Kim J-S., **Patra A.K.**, Englert J., Lieberwirth I., Liscio A., Palermo V., Feng X., Hirsch A., Müllen K., Kläui M., (2017), Robust two-dimensional electronic properties in three-dimensional microstructures of rotationally stacked turbostratic grapheme, *Physical Review Applied*, 7, 024022. 4.061

Sahu T., **Patra A.K.**, Behera B., (2017), Effect of Gadolinium Doping on Physical Properties of $0.8\text{BiGdxFe}_{1-x}\text{O}_3-0.2\text{PbTiO}_3$ ($x=0.00, 0.05, 0.10, 0.15$ and 0.20) Composites, *Journal of Alloys and Compounds*, 695, 2273. 3.014

Department of Public Policy Law and Governance

Nagendra Ambedkar Sole

Farhat Z., Ambedkar S.N., (2016), Quality education in urban area: The status of Rajasthan, *IJMRA*, 1, 23-29.

Farhat Z., Ambedkar S.N., (2016), Use of technology in school education: A study of selected schools in Ajmer in Deepa Avasthi, ISBN: 978-93-5125-253-5.

Prasad S., Ambedkar S.N., (2016), Decentralization of panchayat extension in fifth scheduled area: From amendment to implementation, *Pacific University Journal of Social Science*, 1(1), ISSN No: 2456-7477.

Kumar, P., Ambedkar S.N., (2016), Governance debate: Importance of networks in public policy, blending public sector and private resources to promote good governance *International Journal of Political Science*, 2(2), 89-96.

S. Kandasamy

Kandasamy S., (2017), Democracy and women participation in India, *Online international interdisciplinary Journal*.

Kandasamy S., (2017), E-governance in Banking sector-A revolution in commercial transaction, *Online international interdisciplinary journal*.

Kandasamy S., (2017), Implication of law and governance in enhancing information security digital era, *Online international interdisciplinary journal*.

Gyana Ranjan Panda

Panda G.R., (2017), Systemic Weakness in Rural sanitation in India: Policy Learning for swachha Bharat Mission, *Indian Institute of Public Administration*.

Panda G.R., (2017), Petrol-Diesel Kya sahi hai oz dam parivartan, *Rajasthan Patrika*.

Scholars

Kumari S., (2017), Livelihood enhanced human rights through financial inclusion in India, *Law Mantra Think Beyond other*.

Pandey A., (2016), Role of E-governance in Public Administration, *Vidhan*, 1.

Pandey A., (2016), Privatization and right to education in Indian Perspective, *The Opinion*, 5(9).

Nayak N., (2017), Climate change Policy, Federalism and Development process in India, *Advance Research and Innovative ideas in Education*.

Prasad S., (2016), Decentralization of Panchayat Extension in Fifth scheduled Area: From Amendment to implementation, *Pacific University journal of social science*, 1(25).

Prasad S., (2017), Grass root poverty alleviation in Jharkhand: issues, challenges and the way forward, *International Journal of Political science*, 3(1).

Department of Social Work

Rajeev M M

Rajeev M.M., (2016), Vulnerability and the Coping Capacity of Women in Natural Disasters- An Indian Experience, *Indian Journal of Sustainable Development*, 2(1), 40-48.

Rajeev M.M., (2016), Post disaster Issues and Challenges of Elderly Populations in India: Experiences from Natural Disasters, *International Journal of Educational Research*, 2(3) 01-04.

Parvathy V, Renjith R Pillai, **Rajeev M.M., (2016)**, Substance Abuse among Adolescents: Effect of a Life Skills Education based Preventive Intervention, *South Asian Journal of Socio-Political Studies*, 17(1), 59-64.

Jagdish Jadhav

Bhosale P., **Jadhav J., (2017)**, Pedagogical Issues and Practices of Social Work Education, *Vision Research Review*, 1(12).

2.0048

Bhosale P., **Jadhav J., (2016)**, Aspirations of Students and Social Work Education in North Maharashtra Region, *Journal of Research & Development*, 6(4).

Jadhav J., Suhalka V.,(2016), University Community Engagement: Insights from Field Work Practices, *Practices Indian Journal of Sustainable Development* 1(2).

Atiq Ahmed

Ahmed S., (2017), Gender Inequality in India: Measures and Growing Concerns, *Social Work Chronicle*, 6(1).

Choudhary G.N., **Ahmed A., (2017)**, Psycho-Social Needs and Problems of People Associated With Tuberculosis patients care, *Research Discourse*, 22, 123-125.

Department of Statistics

Jitendra Kumar

Kumar J., and Mishra, A.K., (2016), Modeling of Sectoral GDPs for Forecasting India GDP Using ARMA Models, *Indian Journal of Economics & Business*,

Kumar J., Chaturvedi A., and Kumar A., (2017), Testing for Unit Root in the Presence of Stationary Covariate: A Bayesian Approach, *International Journal of Intelligent Technology and Applied Statistics*, 10 (1), 1-18

Kumar J., Chaturvedi A., Afifa U., Yousuf S., Kumar S., (2017), Unit Root Test for Panel Data AR(1) Time Series Model With Linear Time Trend and Augmentation Term: A Bayesian Approach, *Journal of Modern and Applied Statistical Methods*

Kumar J., Chaturvedi A., Afifa U., (2017), Bayesian Unit Root Test for Panel Data, *Journal of Economics and Econometrics*, 14,

Deepesh Bhati

Shirke D.T., Supnekar S., **Bhati D.**,(2016), On k-Distorted generalised discrete family of distributions, *Communication in Statistics: Theory and Methods*, 1-13. 0.311

Chakraborty S., **Bhati D.**,(2016), Transmuted geometric distribution with applications in modeling and regression analysis of count data, *Statistics and Operations Research Transactions*, 40(1), 153-176. 0.414

Rattihalli R.N., **Bhati D.**,(2016), Generating new family of discrete distribution. *Calcutta Bulletin of Statistical Association*, 68(1-2), 135–146.

Bhati D., Kumawat P., Gomez-Deniz E., (2016), A new count model generated from mixed Poisson Transmuted exponential family with an application to health care data, *Communication in Statistics: Theory and Methods* 46(22), 11060-11076. 0.311

Bhati D., Ravi S., (2017), Some new characterizations of max domains of attraction of Fréchet and log-Fréchet laws under power normalization, *Statistics and Probability Letters*, 130, 92-99. 0.72

Bhati D., Joshi S., (2017), Weighted geometric distribution: A new characterization of geometric distribution, *Communication in Statistics: Theory and Methods*, 1-18. 0.311

Sanjay Kumar

Kumar S., Chhapparwal P., (2017), Robust exponential ratio and product type estimators for population mean using order statistics in simple random sampling, *International Journal of Ecological Economics and Statistics*, 38(3), 51-70.

Kumar S., Kumar S., (2016), Robust ratio based and product based estimators for population mean using median of the auxiliary variable and modified maximum likelihood, *Journal of Basic and Applied Research International*, 19(1), 48-61.

Kumar S., Chhapparwal P., (2016), A robust dual to ratio estimator for population mean through modified maximum likelihood in simple random sampling, *Journal of Applied Probability & Statistics*, 11(2), 67-82.

Kumar S., Chhapparwal P., (2016), A robust unbiased dual to product estimator for population mean through modified maximum likelihood in simple random sampling, *Cogent Mathematics*, 3, 1168070.

Mahendra Saha

Saha M., Dey S., Maiti S.S., Jun H. C., (2017), Bootstrap confidence intervals of generalized process capability C_{pk} for Lindley and power Lindley distributions, *Communications in Statistics –Simulation and Computation*, 1-14.

Saha M., Maiti S.S., (2016), Confidence intervals of C_{pk} for inverse Rayleigh and Log-logistic distributed quality characteristics, *Proceedings of Institute for Mathematics, Bio-informatics, Information-technology and Computer-science*, 5, 254-265.

Saha, M., (2016), Generalized process capability index C_{py} applied to attribute data, *Wesleyan Journal of Research*, 9(1), 32-36.

Central Library

V. Mallappa

Mallappa V., Manoj K., (2016), Strategies for Leadership in Management College Libraries, *SRELS Journal of Information Management*, 53(5), 405-408.

B. Book/Book chapter/Editor of the book

ISBN No

Department of Biochemistry

Vishvanath Tiwari

Tiwari V., Solanki V., Fluorescence studies for biomolecular structure and dynamics. In: 978-3-319-
Geddes C.D., editor. *Reviews in Fluorescence*. Cham: Springer; 2016. p. 319-357. 48260-6

Vijay Kumar Prajapati

Prajapati V.K., Pandey R.K., Recent advances in the chemotherapy of visceral leishmaniasis. In: 978-981-10-
Grover A., editor. *Drug Design: Principles and Applications*. Singapore: Springer; 2017. p. 69- 5186-9.
88.

Department of Biotechnology

Jogeswar Panigrahi

Panigrahi, J. and Rout, G.R., Mechanisms of hormone signaling in plants under abiotic and 978-11-188-
biotic stresses. In: Pandey G.K., editor. *Mechanism of plant hormone signaling under stress*. 8892-6
Wiley- Blackwell; 2017. p. 505-520.

Surendra Nimesh

Kumari R.M., Sharma N., Gupta N., Chandra R., **Nimesh S.**, Polymeric nano-vectors based
siRNA delivery: a blooming field towards better therapeutics. In: Berhardt L.V., editor.
Advances in Medicine and Biology. New York: Nova Science Publishers Inc; 2017.

Vyas R., Gupta N., **Nimesh S.**, Chitosan nanoparticles for efficient and targeted delivery of 978-0-323-
anticancer drugs. In: Grumezescu A., editor. *Nanobiomaterials in Cancer Therapy*. Elsevier; 42863-7
2016. p. 281-306.

Nimesh S., Gupta N., Chandra R., *Advances in Nanomedicine for the Delivery of Therapeutic* 978-0-081-
Nucleic Acids. 1st ed. Oxford: Woodhead Publishing; 2017. 00557-6

Department of Culture and Media Studies

Nicholas Lakra

Lakra N., Nation-building, Intercultural Communication for Cultural Harmony. In: Singh A.S., editor. Role of Media in Nation Building. United Kingdom: Cambridge Scholar Publishing; 2016. p. 37-45. 1-4438-9096-0

Prasad N

Prasad N., The Role of the Media in Nation Building In: Role of Media in Nation Building. Singh A.S., editor. Role of Media in Nation Building. United Kingdom: Cambridge Scholar Publishing; 2016. p. 64-77. 1-4438-9096-0

Department of Commerce

Praveen Sahu

Sahu P., Financial and Management Accounting. Agra: Golden Valley Publications; 2016. 978-93-84804-10-7

Soriya S K

Soriya S.K., Narwal K.P., Intellectual Capital and Business Performance: An Empirical Investigation. Germany: Lambert Academic Publishing; 2016. 978-3-659-89996-6

Dhaigude A.S., **Soriya S.K.**, Corporate online reporting and their determinants in Indian services sector. In: Panwar U.S., Kumar R., Ray N., editors. Handbook of research on promotional strategies and consumer influence in the service sector. IGI Global Publishing; 2016. p. 355-370.

Neha Seth

Seth N., Price Discovery and Volatility Spillovers in Spot and Futures Commodity Market in India- A Comparison. In: Business Analytics and Intelligence. New Delhi: I.K. International Publishing House Pvt. Ltd.; 2016. 978-93-85909-54-2

Seth N., A Study of Indian Commodity Derivative Market- A Conceptual Framework. In: Chakraborty A, Srivastava S, Mohan A, Kumar R, Rajeev P.V., editors. Management Practices in Next Generation Organizations. New Delhi: Bharti Publication; 2016. 978-93-85000-98-0

Department of Computer Science

Nagaraju Aitha

- Satyavati N., Rama B., **Nagaraju A.**, Incremental Updating of Mined Association Rules for Reflecting Record Insertions. In: Satapathy S.C., Prasad V.K., Rani B.P., Udgata S.K., Raju K.S., editors. Proceedings of the First International Conference on Computational Intelligence and Informatics. Singapore: Springer; 2016. p. 595-602. 978-981-10-2470-2
- Dave D., **Nagaraju A.**, A Pragmatic Analysis of Security and Integrity in Software Defined Networks. In: Modi N.K., Verma P., Trivedi B., editors. Proceedings of International Conference on Communication and Networks. Singapore: Springer; 2017. p. 733-740. 978-981-10-2749-9
- Sharmila K., V.Janki, **Nagaraju A.**, A Novel approach for Emergency backup authentication using Fourth Factor. In: Saini H., Sayal R., Rawat S., editors. Innovations in Computer Science and Engineering. Singapore: Springer; 2017. p. 313-323. 978-981-10-3817-4
- Dave D., **Nagaraju A.**, An Adaptive Cloud Proto Type Model for Health Care System: An Adaptive Cloud Proto Type Model for Health Care System Using Software Defined Network (SDN). In: Bhatt C.M., Peddoju, S.K., editors. Cloud Computing Systems and Applications in Healthcare. IGI-Global; 2016. p. 66-76. 978-152-25-1002-4

Department of Computer Science and Engineering

Karan Verma

- Kaur R., **Verma K.**, A Technique to Reduce Problem of Delay in Key Rekeying in Mobile Networks. In: Cuzzocrea A., Kara O., Ślęzak D., Yang X., editors. Advanced in Computing and Data Sciences. ICACDS 2016. Communications in Computer and Information Science. Singapore: Springer, 2017. p. 448-456. 978-981-10-5426-6

Department of Chemistry

R. T. Pardasani

- Pardasani R.T.**, Pardasani P., Magnetic Susceptibility of Paramagnetic Compounds. 1st ed. Gupta A., editor. Berlin: Springer; 2017. 978-3-662-49200-0

Department of Economics

Pragati Jain

Jain P., **Jain P.**, Menace of Black Money. In: Pankaj P., Jain S., editors. DEMONETISATION - What Lies Ahead for Indian Economy? New Delhi: Bloomsbury Publications; 2017. 978-93-86432-10-0

Department of Environmental Science

Laxmi Kant Sharma

Sharma L.K., Sinha S., Measuring dynamics of Ecological Footprint as an index of environmental sustainability at the regional level using geospatial information technology: measuring ecological footprint using GIS. In: Santra A., Mitra S.S., editors. Remote sensing techniques and GIS applications in earth and environmental studies. IGI Global; 2016. p. 265-284. 9781522518143

Devesh Sharma

Dubey S.K., **Sharma D.**, Understanding linkage of climate-water- health in Banas basin of Rajasthan. In: Kateja A., editor. Water and Health. Rawat Publications; 2017. 978-81-316-0871-5

Ritu Singh

Singh R., Kumar S., Green Technologies and Environmental Sustainability. Cham: Springer; 2017. 978-3-319-50653-1

Kumar S., **Singh R.**, Kumar V., Rani A., Jain R., *Cannabis sativa*: A plant suitable for phytoremediation and bioenergy production. In: Baudhdh K., Singh B., Korstad J., editors. Phytoremediation Potential of Bioenergy Plants. Singapore: Springer; 2017. p. 269-285. 978-3-319-50653-1

Misra V., **Singh R.**, Kumar S., Need for an integrated approach towards environmental quality control in developing countries. In Green Technologies and Environmental Sustainability. Cham: Springer; 2017. p. 241-258. 978-3-319-50653-1

Alok Kumar

Ranjan P., Priya N., **Kumar A.**, Ramanathan A.L., Distribution of trace metals in the sediments of estuarine-mangrove complex across the Indian coast. In: Prusty B., Chandra R., Azeez P., editors. Wetland Science. New Delhi: Springer; 2017. p. 163-186. 978-81-322-3715-0

Department of English

Sanjay Arora

Arora S., Enhancing Communication Skills through ELT Practices. Jaipur: Raj Publishing House; 2016. 978-93-81005-87-3

Arora S., Teaching English from Classes to Masses, UK: Cambridge Scholars Publishing; 2016. 978-1-4438-9772-3

Bhumika Sharma

Sharma B., Terrorism and Literature: Reading the Politics of Terrorism in Mohsin Hamid's Fiction. In: Joshi D., Walia D., editors. Interrogating Terrorism: Role of Media and Literature. Jaipur: Yking Books; 2017. p. 99-114. 978-93-85528-62-0

Sharma B., Reconciling Development with Happiness: Literary Reflections on Human Contentment. In: Pankaj P., Jain P., Lokesh, editors. Development, Sustainability and Happiness: Perspectives and Challenges for Youth, New Delhi: VijayvargyBloomsbury; 2017. p. 250-260. 978-93-86432-09-4

Neha Arora

Arora N., Locating Fissured Identities in Amitav Ghosh's *The Glass Palace*. In: Nagraj H., editor. Socio-Cultural Values in South Asian Novels. New Delhi: Mangalam Publications; 2016.p. 155-166. 978-93-82983-64-4

Scholar

Singh A.D., Resurrection of Shakespearean Texts through Popular TV Series. In: Proceeding of Language and Literature through Ages. 2016. p. 171-175. 978-81-920370-7-3.

Sucheta, The Africa of Native Dreams: A Daydream Falling Apart in Bulawayo's *We Need New Names*" In: Proceeding of Language and Literature through Ages. 2016. p. 144-148. 978-81-920370-7-3

Singh, A.D., Opium, State and Society: A Comparative Narco-Cultural Study of Bollywood and Punjabi Films. In: Kathiresan B., Kannadhasan M., editors. Borderless Reflections: Critical Essays on Comparative Literature. 2017. p. 68-80. 987-81-926667-9-2

Singh, A.D., Deciphering Select Travel Writings in the Context of Postmodern Hermeneutics. In: Postmodern Trends in English Language and Literature. 2017. p. 62-70. 978-93-852832-7-7

Department of Hindi

N. Lakshmi Aiyar

Aiyar N.L., Telugu Sahitya Ka Itihas. New Delhi: Prabhat Prakashan; 2017.

Mamata Khandal

Khandal M., Pravas ki pida aur manavadhikar. In: Patil P., editor. Pravasi Hindi Sahitya aur Manav Adhikar. Lucknow: Notnul; 2017. 978-81-933359-4-9

Khandal M., Jay Shankar Prasad ki laghukathaon mein sanskritik chetna. In: Prasad ka sanskritik wyaktivta: Rachnatmak Pradey. Allahabad: Hindustani academy; 2017. p. 246-251. 978-93-85185-09-0

Suresh Singh Rathore

Rathore S.S., Samaj ke Vikas men sanchar ki bhumika, In: Singh S., Singh D., editors. Patrakarita: vividh ayam. New Delhi: Manas publishers; 2017. p. 44-50. 978-93-83231-33-1

Department of Management

Maithili R.P. Singh

Verma Y., **Singh M.R.P.**, Linkage between socio-demographic factors and customer loyalty: an empirical study of telecom sector in Bhutan. In: Management Insight: A Glimpse of Contemporary Research. New Delhi: DBH Publishers and Distributors; 2017. p. 395-404. 978-93-84710-4-8

Sanjay Kumar Garg

Gupta S., **Kumar S.**, Aging India: opportunities and challenges for retail banking. In: Achieving Corporate Excellence in Changing Times. New Delhi: Excel Publishers; 2017. 978-93-86256-95-9

Gupta S., **Kumar S.**, Role of housing wealth as pension in old age: perception of Indian elderly homeowners. In: Strategic Human Resource and Business Management: A New Approach. New Delhi: Bharti Publications; 2016. 978-93-85000-61-4

Avantika Singh

Gupta S., **Kumar S.**, Role of housing wealth as pension in old age: perception of Indian elderly homeowners. In: Strategic Human Resource and Business Management: A New Approach. New Delhi: Bharti Publications; 2016. 978-93-85000-61-4

Paharia P., Singh A., Ethical leadership: A key to integrate corporate social responsibility and human resource practices for business sustainability. In: New Paradigms in Management, Economics & Commerce. Ghaziabad: Global Alliance; 2016. p. 18-27. 978-81-92434-23-0

Tulsee Giri Goswami

Burman R, **Goswami T.G.**, Stress and work life balance among working women. In: Strategic Human Resource and Business Management: A New Approach. New Delhi: Bharti Publications; 2016. 978-93-85000-61-4

Mehara A., **Goswami T.G.**, Relationship between organizational culture and performance of bank employees. In: Strategic Human Resource and Business Management: A New Approach. New Delhi: Bharti Publications; 2016. 978-93-85000-61-4

Department of Mathematics

D.C. Sharma

Sharma D.C., Goyal M.C., Integral Equations. Delhi: PHI Learning Pvt. Ltd.; 2017. 978-81-203-52803

Department of Microbiology

Pradeep Verma

Chaturvedi, V., **Verma, P.**, A comparative assessment of autoclave and microwave assisted Peroxometal Complex in Delignification of Wood Biomass for Enhanced Sugar Production. In: Pandey K.K., Ramakantha V., Chauhan S.S., Kumar A.A.N., editors. Wood is Good: Current Trends and Future Prospects in Wood Utilization Singapore: Springer; 2017. p. 383-390. 978-981-10-3113-7

Dadheech P.K

Krienitz, L., Bock, C., Dadheech, PK., Kotut, K., Luo, W., Schagerl, M., Dadheech P.K., An Underexplored Resource for Biotechnology: Selected Microphytes of East African Soda Lakes and Adjacent Waters. In: Schagerl, M., editor. Soda Lakes of East Africa. Springer; 2016. 978-3319-28620-4

Department of Pharmacy

Ruchi Malik

Raza K., Kumar P., Kumar N., **Malik R.**, Pharmacokinetics and biodistribution of the nanoparticles. In: Nimesh S., Chandra R., Gupta N., editors. Advances in Nanomedicine for the delivery of Therapeutic Nucleic Acids. Elsevier; 2017. p. 165-186. 978-0-08-100557-6;

Umesh Gupta

Singh A.K., Sharma A.K., Khan I., Gothwal A., Gupta L., **Gupta U.**, Oral drug delivery potential of dendrimers. In: Grumezesh A.M., editor. Nanostructures in Therapeutic Medicine. Elsevier; 2017. 978-0-323-47720-8

Rani S., Sharma A.K., Khan I., Gothwal A., Chaudhary S., **Gupta U.**, Polymeric nanoparticles in targeting and delivery of drugs. In: V. Mishra, Kesharwani P. , Iqbal M.C., Amin M., Iyer A., editors. Nanotechnology-Based Approaches for Targeting and Delivery of Drugs and Genes. Elsevier; 2017. p. 223-255. 978-0-12-809717-5

Kaisar Raza

Raza K., Kumar P., Kumar N., Malik R., Pharmacokinetics and biodistribution of the nanoparticles. In: Nimesh S., Chandra R., Gupta N., editors. Advances in Nanomedicine for the delivery of Therapeutic Nucleic Acids. Elsevier; 2017. p. 165-186. 978-0-08-100557-6;

Department of Public Policy Law and Governance

Nagendra Ambedkar Sole

Meena J.S, **Ambedkar S.N.**,Public policy and governance in India. Jaipur: ABD 9788183765091
Publication; 2016.

S. Kandasamy

Kandasamy S., Consumerism in India. Book Enclave; 2016. 97893-5127-798
Kandasamy S., Legal Regime of cyber space. Book Enclave; 2017. 97893-8197-542
Kandasamy S.,Software Law. Book Enclave; 2017. 97893-5425-962

Scholars

Nayak, N., Indo-US Relations: A study during Obama-Manmohan period (2009-2014). 978-3-659-95615-7
1st ed. Germany: Lambert Academic Publishing; 2016.
Prasad S., Tribals and public policy: Problems and perspective in Indian context. In:
Aadiwasi Tribales of India. Akhad publishing House; 2017.

Department of Social Science

Rajeev M M

Rajeev M.M., Natural Disasters and Relocation in India. In: Vinodan C., editor, Good Governance and Development- Challenges in India. New Delhi: New Century Publications; 2017. p. 89-99.

Vinodan C., **Rajeev M.M.**, Local Governance and Disaster Risk Reduction. In: Vinodan C., editor, Good Governance and Development- Challenges in India. New Delhi: New Century Publications; 2017. p. 142-158.

Rajeev M.M., Disaster and Displacement: The Indefinable Consequences on Human, Social and Cultural Capitals. In: Development, Displacement and Social Capitals. Cochin: DCRD Publications; 2016. p. 136-155. ISSN. 978-81-929-671-3-4

Jagdish Jadhav

Jadhav J., Lanke D., Governance, Populist Economy and Political Responses in Water Sector: Reflections from Maharashtra. In: Balkrishnan G., Vesvikar M., editors. International Conference on Political Economy of Water. England: Cambridge Scholar Publishing; 2016. p. 118-134. 978-14-43888-8-68

Extramural Funded Projects

The Central University of Rajasthan is operating the following 90 research projects during the academic year 2016-2017 in its various departments. These extramural projects have been funded by various funding agencies from India as well as from foreign countries such as Department of Science & Technology, University Grant Commission, Department of Biotechnology, Council of Scientific & Industrial Research APN/IGES, Japan and APN/AIT, Thailand. More details about the ongoing research projects are following.

SCHOOL OF CHEMICAL SCIENCES AND PHARMACY

DEPARTMENT OF CHEMISTRY

<i>DST-FIST (Level-1 category)</i>	70.5 Lakhs	2016-2021	DST, GoI
Prof. R. T. Pardasani			
A divergent synthesis of benzazoles via direct C-H activation and their cytotoxic activity: A way to cancer research	25.7Lakhs	2016-2019	DST-EMR
Dr. Raghu Chitta			
Combinatorial Design of Panchromatic Sensitizers for Dye Sensitized Solar Cell Applications	6.0 Lakhs	2016-2018	UGC, India
Cost Effective Zinc Oxide Nanorod - Copper (I) Polypyridine Nanohybrids for Dye Sensitized Solar Cells: Cheaper Alternatives for Harvesting Solar Energy	24.0 Lakhs	2015-2018	DST, India
Dr. Easwar Srinivasan			
Synthesis and studies on catalytic performance of novel ion-tagged recyclable chiral organocatalysts generated from suitable dipeptides	25.0 Lakhs	2014-2016	DST, India
Studies towards the synthesis of protoberberine based natural products	6.0 Lakhs	2016-2018	UGC
Dr. Chandrakantha Dash			
Designing novel late transition metal catalysts for atom/group transfer reactions	25.18 Lakhs	2015-2018	DST-SERB

Dr. Anuj Sharma

Smart Metal Chelator for MRI Contrast Agent	35.0 Lakhs	2014-2019	DST
Multifunctional Small Molecule based on Azo-Stilbene Molecular Framework as Amyloid Imaging Agents and Metal Chelators for Controlling Metal Induced-Neurodegenerative Diseases	54.3 Lakhs	2016-2019	DST-SERB

Dr. Dr. M. Bhanuchandra

Development of sustainable reactions and methods using dibenzothiophene 5,5-dioxide: synthesis of pi-conjugated systems	38.72 Lakhs	2017-2020	DST-SERB
Development of Novel Strategies for the Construction of Benzothiophene Dioxide	10.0 Lakhs	2017-2019	UGC

DEPARTMENT OF PHARMACY

<i>DST-FIST (Level-1 category)</i>	<i>61.0Lakhs</i>	<i>2017-2022</i>	<i>DST, GoI</i>
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Professor Vipin Kumar

Isolation of antidiabetic and enzyme inhibitory constituents of <i>Cassia siamea</i>	<i>7.86 lakhs</i>	2017-2020	DST , GoR
Rationally designed Indolizine derivative(s) as multitarget anticancer agent for inhibition of cancer cell growth and metastasis	<i>13.0 lakhs</i>	2015-2018	DST, New Delhi

Dr Devesh M Sawant

Design of FRET assay for quantitative and high-throughput screening of deubiquitinase inhibitors	10.5 Lakhs	2015-2018	CSIR, New Delhi
Design and synthesis of selective irreversible inhibitors of trypanothione reductase as antileishmanial Agents.	23.0 Lakhs	2014-2017	DST, New Delhi

Dr Umesh Gupta

Multi-functional nanotherapeutics for the effective treatment of advanced breast cancer: A dual delivery approach for siRNA and anticancer drug	28.5 Lakhs	2015-2018	DST-SERB
Dendrimer mediated non-invasive delivery of rifampicin and imipenem for the effective treatment of pulmonary tuberculosis	3.06 Lakhs	2016-2019	DST , GoR

Dr Ruchi Malik

Design, synthesis and biological evaluations of β -serretare inhibitors as anti-Alzheimer's agents	19.84 Lakhs	2017-2019	DST-India and MSHE, Poland
Computational studies, synthesis and biological evaluation of novel pyrimidin-4-amine derivatives, as multi targeted kinase inhibitors	7.68 Lakhs	2016-2019	DST, GoR

Dr Kaiser Raza

Novel strategic approaches for the safe and effective delivery of 41ocetaxel to the drug-resistant cancer cells	27.2 Lakhs	2015-2018	DST-SERB
Targeted, safe and effective delivery of doxorubicin to breast cancer cells by means of strategically-designed folate-tagged phospholipid-based mixed nanomicelles	16.24 Lakhs	2016-2018	DBT, India

SCHOOL OF COMMERCE AND MANAGEMENT**DEPARTMENT OF MANAGEMENT****Dr. M.R.P. Singh**

Healthcare Services of Specialty Hospitals in Rajasthan: An Empirical Analysis of Marketing Practices	10.73Lakhs	2015-2018	UGC, India
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SCHOOL OF ENGINEERING AND TECHNOLOGY**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING****Dr. Karan Verma**

Internet Academy (Indian-Brazil Joint Research Cooperation)	50 Lakhs	2016-2021	Internet Society
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SCHOOL OF EARTH SCIENCES

DEPARTMENT OF ENVIRONMENTAL SCIENCE

<i>DST-FIST (Level-1 category)</i>	<i>82.0 Lakhs</i>	<i>2017-2022</i>	<i>DST, GoI</i>
Dr. L. K. Sharma			
Stratified forest biomass modeling using Hyperspectral data	10.0 Lakhs	2017-2020	SAC (ISRO)
Dr. Devesh Sharma			
Water-energy-food nexus perspective: Path making for Sustainable Development Goals (SDGs) to country actions in Asia	5.22 Lakhs	2016-2017	APN/IGES
Climate Change Impacts Studies for Rajasthan (Area of Inland Drainage and Mahi Basin)	30.78 Lakhs	2016-2019	MoWR
Assessment of Climate-Induced Long-term Water Availability in Ganges Basin and Impacts on Energy Security in South Asia	4.50 Lakhs	2017-2018	APN/IGES
Developing an operational water security index, and demonstrating its application in diverse regions of Asia (in collaboration with AIT, Thailand)-	5.87 Lakhs	2016-2017	APN/AIT
Dr. Garima Kaushik			
Design of a microbial process for the removal of organophosphorus pesticides in water supplies from rural and urban water bodies	14.88 Lakhs	2016-2019	DST- CONACYT/ INT/Mexico
Optimization of process parameters for improved microbial degradation and decolourization of textile industry wastewater in Rajasthan.	6.0 Lakhs	2015-2017	UGC, India
Dr. Ritu Singh			
Remediation of heavy metal contaminated water using zero valent iron nanoparticles.	6.0 Lakhs	2015-2017	UGC, India

SCHOOL OF HUMANITIES AND LANGUAGES

DEPARTMENT OF HINDI

Dr. N. Lakshmi Aiyar

तमिलनाडु के आधुनिक दार्शनिक : एक समग्र अध्ययन 2.0 Lakhs 2016-2018 ICPR

SCHOOL OF LIFE SCIENCES

DEPARTMENT OF BIOCHEMISTRY

Prof. M. Krishnan

Dynamics of vitellogenin and vitellogenin receptor expression profile during different stage of maturation and spawning in the life cycle of two consecutive generation of the eye ablated prawn, *Macrobrachium rosenbergii* 36.56 Lakhs 2015-2018 DBT

Dr. Chandi C Mandal

Cholesterol-lowering Drug Targets Osteoclastogenic Factors to Prevent Osteolytic Bone Metastasis of Breast Cancer 25.0 Lakhs 2015-2018 DBT

Rationally designed Indolizine derivative(s) as multitarget anticancer agent for inhibition of cancer cell growth and metastasis 14.0 Lakhs 2015-2017 DST-SERB

Interplay of metabolic and signal pathways of N-acyl dopamines and cholesterol in cancer cells 24.0 Lakhs 2017-2019 DST-RFBR (Indo-Russia)

Dr. Vishvanath Tiwari

Interaction studies of the *A. baumannii* with the human cell model 24.20 Lakhs 2014-2017 DST-SERB

Dr. Vijay Kumar Prajapati

Antileishmanial activity of silver nanoparticles attached to amphotericin B 6.0 Lakhs 2015-2017 UGC-BSR

Development of natural product derived febrifugine analogues as a novel therapeutics against visceral leishmaniasis 29.76 Lakhs 2016-2018 DST-SERB

Dr. Kiran Kumar Tejavath

Investigating Anticancer Potential of Biosynthesized Silver Nanoparticles and Polymeric Nanoparticles Using Medicinal Plants of Rajasthan, INDIA	45.71 Lakhs	2017-2020	DST-SERB
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DEPARTMENT OF BIOTECHNOLOGY**Prof. A. K. Gupta**

Functional Characterization of a heat shock Protein (HSP90), Amino Acid Transporter (AAT), and Nucleosome Assembly Protein (NAP) genes for their role in root development in tomato	51.46 Lakhs	2014-2017	DBT
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Dr. Pankaj Goyal

Development and q-PCR based statistical optimization of bioprocess for production of PGPR associated with cluster bean (<i>Cyamopsis tetragonoloba</i>) cultivars (mentor of Dr. Deepika)	29.5 Lakhs	2014-2017	DST WoS -A
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How lysophospholipids (Lysophosphatic acid and sphingosine -1- phosphate) metabolic pathway regulate placental development during pregnancy maintenance	50.0 Lakhs	2017-2020	DBT, India
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Studies on the role of sphingosine kinases in pregnancy maintenance and disorder (mentor of Dr. Indu Shekhawat)	19.20 Lakhs	2016-2018	PDF, DST, India
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Investigating the role of Rho-GTPases pathways and adhesion proteins in decidualization and embryo implantation (mentor of Dr. Vijay Kumar)	19.20 Lakhs	2017-2019	PDF, DST, India
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Dr. Tarun Bhatt

Biochemical and structural studies on two secretory proteins of plasmodium falciparum	6.0 Lakhs	2014- 2017	UGC-BSR
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In silico screening of apicoplast proteome: In search of potential anti- malarials	24.0 Lakhs	2014-2017	BRNS, DAE
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Molecular and structural characterization of Mitochondrial DNA Primase in <i>Leishmania donovani</i>	44.5 Lakhs	2016- 2019	DBT Twinning
Development and screening of potential anti-malarials based on privileged scaffolds	6.0 Lakhs	2016- 2019	DST, Rajasthan
Design, synthesis and In silico/ in vitro studies of cladospori derivatives as potential anti-malarial agents (Multi-institutional with ICGEB & HCU)	25.0 Lakhs	2017- 2020	DST, India
Dr. Janmejy Pandey			
Comparative analysis of soil microbial diversity across textile waste- water effluent stream(s) of Sanganer Region, Rajasthan	22.50 Lakhs	2014-2017	DST- SERB
Dr. Suman Tapryal			
Anti- chickengunya Ig- Viral envelope protein E2 chimeric vaccine	6.0 Lakhs	2014-2017	UGC-BSR
Development of multimeric glycoprotein D- Ig μ chain fusion, subunit vaccine against Herpes Simplex virus- 2	29.0 Lakhs	2015-2018	DST, India
Development of glycoprotein E1/E2 immunoglobulin (Ig) chimeric subunit vaccine candidates against chickengunya virus in <i>E.coli</i>	34.0 Lakhs	2017-2020	DST, India
Dr. Jay Kant Yadav			
Assessment of amyloidogenic propensities of HIV infection enhancing peptide PAP (248- 286)	19.0 Lakhs	2013-2016	DST- SERB
Dr. Surendra Nimesh			
Nanoparticle aided delivery of siRNA for the treatment of breast cancer	25.0 Lakhs	2015-2018	DBT
Polymeric Nanoparticle mediated locked nucleic acid delivery for the treatment of breast cancer	13.5 Lakhs	2015-2018	UGC
Dr. Jayendra N. Shukla			
Ramalingamswami Re-entry fellowship	35.0 Lakhs	2017-2022	DBT

DEPARTMENT OF MICROBIOLOGY

<i>DST-FIST (Level-1 category)</i>	45.0 Lakhs	2017-2022	DST, Gol
Prof. Pradeep Verma			
An integrated approach for the development of microwave system for pretreatment of lignocellulosic biomass for cellulolytic enzymes and ethanol production.	67.0 Lakhs	2014-2017	DBT
Dr. Nidhi Pareek			
Targeted discovery of novel thermostable chitinolytic enzyme system and elucidation of reaction mechanism for production of bioactive oligosaccharides	16.0 Lakhs	2015-2018	DBT
Exploration of thermostable chitinolytic enzyme system from Rajasthan area and elucidation of reaction mechanism for production of bioactive oligosaccharides.	35.0 Lakhs	2015-2020	DST-INSPIRE, India
Dr. Arvind P Singh			
Human enteric pathogens in fresh vegetables and fruits: A genotypic and phenotypic analysis	19.0 Lakhs	2015-2018	DST- SERB
Dr. Akhil Agrawal			
Monitoring and control of the sulfate reducing bacteria (SRB) and souring in the oil fields in Rajasthan, India	16.0 Lakhs	2015-2018	UGC-MRP
Mitigation of Microbial Souring in oil fields of Western Rajasthan	10.0 Lakhs	2017-2019	DST, Rajasthan
Dr. Chandra Shekhar Gahan			
Innovative Biohydrometallurgical approach to recover metal values from petroleum refinery spent catalyst	25.9 Lakhs	2015-2018	DST-SERB

Dr. Deeksha Tripathi

Functional characterization of FKBP type peptidyl prolyl cis trans isomerase (Rv2462c) of <i>Mycobacterium tuberculosis</i> for its role in stress response of the pathogen	10.0 Lakhs	2017-2019	UGC
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Dr. Vijay K. Verma

Characterization of membrane / secretory proteins in <i>Helicobacter pylori</i> : Mystery of Bacterial Persistent Infection (An interphase of Host-Pathogen interaction)	35.0 Lakhs	2017-2022	DST-Inspire
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Identification and functional characterization of novel membrane/secretory proteins in <i>Helicobacter pylori</i> responsible for host-pathogen cross talk and pathogenesis	10.0 Lakhs	2017-2019	UGC
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SCHOOL OF MATHEMATICS, STATISTICS AND COMPUTATIONAL SCIENCES**DEPARTMENT OF MATHEMATICS**

<i>DST-FIST (Level-1 category)</i>	65.0 Lakhs	2016-2021	DST, Gol
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Prof. J. K. Prajapat

Investigations of Geometric Properties of Generalized Bessel Functions, Hypergeometric Functions and their Applications	10.29 Lakhs	2013-2018	UGC
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Study of open problems and conjectures in Planer Harmonic Mappings	3.21 Lakhs	2013-2018	NBHM, India
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Dr. Amit Chakraborty

Mathematical and Computational Modelling of below ground nitrogen biogeochemical pathways using systems biology approaches	22.0 Lakhs	2017-2020	DST-SERB
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Dr. Ram Kishor

Libration Orbits Mission design with Perturbations	10.0 Lakhs	2017-2019	UGC
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SCHOOL OF SOCIAL SCIENCES

DEPARTMENT OF SOCIAL WORKS

Dr. Jagdish Jadhav

Unnat Bharat Abhiyaan	3.50 Lakhs	2016-2017	MHRD (IIT-D)
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Dr. Dr. Shaizy Ahmed

Jalsamwad: a 'WASH' Based Communication and Capacity Building Initiative	13.50 Lakhs	2016-2018	DST, MOST
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DEPARTMENT OF COMPUTER SCIENCE

Video Conference and Computer Lab facilities for M.Sc (Big-Data)	60.0 Lakhs		TCS
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Dr A.Nagaraju

Secure Multiple Sink Routing in WSN	6.0 Lakhs	2015-2018	UGC
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Efficient Resource Allocation in Cloud Environment	34.0 Lakhs	2015-2020	DietY
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SCHOOL OF PHYSICAL SCIENCES

DEPARTMENT OF PHYSICS

Prof. Manish Dev Shrimali

Controlling Multistability in Hidden Attractors and its Applications	24.50 Lakhs	2016-2018	DST-RFBR
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Explosive oscillation suppression in coupled nonlinear oscillators	21.44 Lakhs	2017-2020	DST-SERB
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Dr. Ajit K Patra

Probing electronic structure of Cobaltite thin films	6.9 Lakhs	2017-2020	UGC-CSR Indore
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Structural and magnetic properties of Mn based thin films with perpendicular magnetic anisotropy for spintronic applications	28.3 Lakhs	2015-2018	DST-SERB
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Effect of swift heavy ion irradiation on the magnetic and transport properties of Huesler alloys	6.03 Lakhs	2015-2018	IUAC, New Delhi
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Dr. Sandeep Kumar

Electrical field controlled magnetism in semiconductor nanowires	18.19 Lakhs	2017-2020	DST-SERB
Synthesis of semiconductor nanowires for spintronics	6.0 Lakhs	2017-2018	UGC
Ion beam induced modification of transport properties of Mn doped GaAs nanowires	6.03 Lakhs	2015-2018	IUAC, New Delhi

Dr. Sukhmander Singh

Numerical Modeling for the Stabilization of Plasma in a Hall Thruster	10.0 Lakhs	2017-2019	UGC-BSR
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The students in various departments of the University submit a thesis and dissertation towards the completion of their postgraduate and Ph.D degree. This chapter contains the list of Ph.D., M.A., M.Arch, MBA, M.Com, M.SC, M.Tech Thesis and dissertation completed by students under the guidance of their respective supervisors. The following list contains the details of the studentsthe thesis and dissertations.

Ph. D Thesis

Candidate Name	Department	Research Supervisor(s)	Thesis Title	Date of Viva-Voce
Purs hottam Jharotia	Mathematics	Dr. D.C. Sharma	A Mathematical Study of Machine Repair Problems	05/04/2017
Aamir Hussain Bhatt	Environmental Science	Dr. Devesh Sharma (RS) & Prof. K.C. Sharma (JS)	Hydro-Ecological Studies of Sambhar Lake, A Ramsar Wetland of Rajasthan, India	06/04/2017
Savitri Joshi	Statistics	Prof. A.P. Singh (RS) & Prof. K.K. Jose (JS)	Inference for Change- Points and Related Problems under Censoring	07/04/2017
Kirandeep Kaur	Economics	Dr. Hemlata Manglani	Causality between Public Expenditure and Economic Growth in Rajasthan	28/04/2017
Pyare Lal Saini	Chemistry	Dr. Srinivasarao Yaragorla	Efficient Domino Strategies for the Synthesis of Pyran and Indole Derivatives	19/05/2017

(RS – Research Supervisor; JS – Joint Supervisor)

Dissertations

DEPARTMENT OF ARCHITECTURE

Candidate Name	Title of the Dissertation	Supervisor Name
Amit Kumar Singh	IIIT Dharwad	Committee of three faculty members Prof. Neeraj Gupta, Ar. Ritu B.
Anas Ahmad	Eco Resort, At Goverdhan, Mathura	
Kush Saxena	IIM Nagpur	

Manish	Master Plan of Indian Institute of Technology, Tirupati.	Rai and Ar. Vivekanand
Nitesh Kumar	Sustainable Shopping Mall, Mayura City at Kishangarh, Ajmer, Rajasthan	Tiwari guided the thesis for all.
Prashant Kumar	Master Plan of National Institute of Design, Jorhat, Assam	
Praveen Jangid	Raj Rishi Bhartrihari Matsya University, Alwar	
Shalvi Sharma	Solar Colony An Eco Village	
Vijay Kumar	City Centre , Rohini, New Delhi.	
Vivek Singh	Interstate Bus Terminal Cum Commercial Complex and Workshop at Alwar	
Yogi ta S Bijarniya	Sustainable Neighbourhood planning at Karjat	

DEPARTMENT OF BIOCHEMISTRY

Candidate Name	Title of the Dissertation	Supervisor Name
Ajay Kumar Bijarniya	Secondary metabolites from actinomycetes : A novel inhibitor for <i>Leishmania donovani</i> mediated visceral leishmaniasis infection	Dr. Vijay Kumar Prajapati
Amit Yadav	Bacterial expression of hemagglutinin head domain fragment and its purification	Dr. Shiv Swaroop
Aruna Narula	Excavating Chikungunya genome to design B And T cell multi-Epitope subunit vaccine using comprehensive immunoinformatics approach to control chikunguniya Infection	Dr. Vijay Kumar Prajapati
Asangla Kamai	Rationale behind the position specific mutation in oncogenes	Dr. Chandi Charan Mandal
Jayveer Singh	Expression and purification of Influenza hemagglutinin stem fragment form <i>E.coli</i>	Dr. Shiv Swaroop
Jyoti	<i>Citrullus colocynthis</i> extracts exhibit anticancer activity in Osteosarcoma cell lines	Dr. Chandi Charan Mandal
Kiran Kanwar	Studies of the effect of BMP-2 on proliferation and epithelial to mesenchymal transition in breast cancer	Dr. Chandi Charan Mandal
Kiran Meena	In-Silico Approach to screen antimicrobial secondary metabolite gene cluster in ESK APE pathogen	Dr. Vijay Kumar Prajapati

Laxmi Choudhary	Isolation and characterization of haloalkaliphilic Archaea form Sambhar lake, Rajasthan	Dr. Kiran Kumar Tejavath
Manisha Naskar	Phytochemical analysis, cytotoxic assay and in vitro antileishmanial activity of <i>Momordica cymbalaria</i> fruit extract and its solvent fractions	Dr. Kiran Kumar Tejavath
Mudassar Ali	Expression and purification of Leishmanial infatam Trypanothione Reductase	Dr. Vijay Kumar Prajapati
Neelam Birman	Screening for hemagglutination activity and extracellular glycosidase enzyme form haloalkalinphilic archaeon form Sambhar Lake	Dr. Kiran Kumar Tejavath
Neha Mishra	Assessment of antimicrobial activity of Zinc oxide nanoparticle against <i>Acinetobacter Baumannii</i>	Dr. Vishvanath Tiwari
Pooja Kumari	Designing of novel inhibitor against <i>Mycobacterium tuberculosis</i> with computer aided drug discovery approach	Dr. Vijay Kumar Prajapati
Rajat Choudhary	Effect of cold shock on the gene expression in metastatic breast cancer cells	Dr. Chandi Charan Mandal
Sandeep Choudhary	Isolation and Identification of bacteria form soil sample and assessment of its anti-microbial activity against <i>Acinetobacter baumannii</i>	Dr. Vishvanath Tiwari
Suma Pujitha Mandali	Isolation, purification and characterisation of class-II α -Mannosidase form latex of <i>Calotropis procera</i>	Dr. Kiran Kumar Tejavath
Varsha Patel	In-silico designing of drug against Amyloidogenic biofilm protein of <i>Acinetobacter baumannii</i> and its experimental validation	Dr. Vishvanath Tiwari

DEPARTMENT OF BIOTECHNOLOGY

Candidate Name	Title of the Dissertation	Supervisor Name
Aatif Rashid	In- Silico analysis on CCp2 and CCp3 proteins of <i>Plasmodium falciparum</i> in search of anti-malarials	Dr. Tarun Kumar Bhatt
Ajeet Singh	Isolation and cloning of <i>HSP90</i> (heat shock protein) gene from tomato	Prof. A.K. Gupta

Azra Ahmed	Isolation and characterization of Amyloid from human cataract lens	Dr. Jay Kant Yadav
Baby Kumari	Structure prediction and molecular docking of PfGAP45 protein for discovery of malarial drugs	Dr. Tarun Kumar Bhatt
Kumari Prema	Structural characterization of human Cofilin 2 and its oligomerization	Dr. Pankaj Goyal
Lokendra Singh Shekhawat	Study of Lysophosphatidic Acid Receptor (LPAR) Subtypes in sheep during Pregnancy	Dr. Pankaj Goyal
Monika	<i>In Vitro</i> propagation <i>Nyctanthes Arborescens</i> (L) and its genetics fidelity assessment using start codon targeted polymorphism (Scot) marker analysis	Dr. Jogeswer Panigrahi
Nirmala Bijaraniya	"studies on application of inclusion bodies of a β -sheet rich protein scaffold, with modified N-terminal sequence "PSQT", as biocatalysts in Aldol reaction"	Dr. Suman tapryal
Nivedita Jha	"polymeric Nanoparticle for the delivery of Anticancer drugs"	Dr. Surendra Names'
Pushpa Kumari	Isolation and cloning of ADC1(Arginine Decarboxylase) gene of tomato	Prof. A.K. Gupta
Ravada Sreekanth	Assessment of Genetic Diversity among 32 genotypes belong to 12 species of the genus <i>Cajanus</i> using Start Codon Targeted Polymorphism (SCoT) marker analysis	Dr. Jogeswer Panigrahi
Renu Kumari	Assessment of the effect of ascorbic acid on aggregation of α A (66-80) crystallin fragment with reference to cataract	Dr. Jay Kant Yadav
Rohila Jha	Investigation the different expression of LIM Kinase (LIMKs) during pregnancy in sheep	Dr. Pankaj Goyal
Samridhi Arora	<i>In silico</i> identification of <i>Clostridium difficile</i> species drug targets	Dr. Janmejy Pandey
Subhi jha	Different expression of Zinc Transporter Gene in Pigeon Pea Genotype with Contrasting Host Response to <i>Helicoverpa Armigera</i> Herbivory	Dr. Jogeswer Panigrahi
Sunil Rana	Effect of Ascorbic acid on A β (1-40) Aggregation: Relevance of Oxidative Stress in Alzheimer's Disease	Dr. Jay Kant Yadav
Sushmita Dubey	Studies on application of inclusion bodies of a β -sheet rich protein scaffold, with modified N-terminal sequence "PRQT", as biocatalysts in Aldol reaction	Dr. Suman tapryal

DEPARTMENT OF CHEMISTRY

Candidate Name	Title of the Dissertation	Supervisor Name
Aditi Ghiya	Synthesis, characterization of copper complexes and their potential towards the biologically important catalytic excitation of the substrate.	Dr. Sunil G. Naik
Aeishwariya Dukiya	Designing new electron rich metal catalysts for C-H bond alkylation	Dr. Chandrakanta Dash
Akanksha Chaudhary	Studies towards intermolecular <i>ortho</i> -C-H amidation of arylsulfones with sulfonylazides	Dr. M. Bhanuchandra
Akshita Jain	Synthesis of Cardanol Based Surfactants	In collaboration with Solvay - Under the supervision of Dr. S. Mangaleswaran / Dr. G. Padmanabhan, Solvay R & I Center, Vadodara, INDIA.
Alka	Azo-benzothiazole adducts as amyloids detecting agents: Synthesis & Characterization	Dr. Anuj K. Sharma
Anjali Verma	Synthesis of Phenothiazine functionalized Porphyrins: Panchromatic Sensitizers for Dye Sensitized Solar Cell	Dr. Raghu Chitta
Anupama Kiran	Synthesis, characterization, thermal and optical properties of azo based salen-ligands and their Zn-complexes: potential application in blue-ray disc of copper complexes and their potential towards the biologically important catalytic excitation of the substrate.	Dr. Sunil G. Naik
Chandra Mohan Meena	A convenient strategy to diaryl sulphides from CuI-catalyzed C-S cross-coupling reaction between aryl halides and thiols	Dr. M. Bhanuchandra
Dinesh Kumar	Synthesis and Spectroscopic Studies of Tetra(Bis(4'-tert-butylbiphenyl-4-yl)aniline)-Zinc(II)porphyrin- Donor-Acceptor Dyads	Dr. Raghu Chitta

Harish Kumar	Transition metal catalysed synthesis of 5-amino-1[H]tetrazole analogues	Prof. R. T. Pardasani
Isha Mishra	PEPPSI themed precatalysts: Synthesis and catalytic applications	Dr. Chandrakanta Dash
Manisha Deewan	Studies towards the Synthesis of Oxa-bicyclo [2.2.2]octanone via an Organocatalyzed Aldol oxa-Michael Cascade Reaction	Dr. Easwar Srinivasan
Ms. Mamta	N-heterocyclic carbene based zinc complexes in catalytic hydroamination reactions	Dr. Chandrakanta Dash
Neha Singh	Hexa coordinated bis-terpyridine and penta coordinated mixed terpyridine-phenanthroline complexes of iron (II) and copper (II): Synthesis, spectroscopic characterization and DNA binding studies.	Dr. Sunil G. Naik
Poonam Nehra	Synthesis and Characterization of New Multidentate Ligands for Polynuclear Transition Metal Complexes	Dr. Anuj K. Sharma
Poonam Verma	Synthesis and Characterization of 1,4,7-Triazacyclononane-pyridine-carboxylate based Multidentate Ligands	Dr. Anuj K. Sharma
Priya Pareek	Proline-Arginine Dipeptide as an Organocatalyst for Asymmetric Aldol Reactions	Dr. Easwar Srinivasan
Priyanka	Exploring synthetic utility of β -enaminoesters through a one-pot, multicomponent reaction	Dr. Srinivasarao Yaragorla
Priyanka Yadav	Synthesis of pyrazolo[1, 5-c]-quinazoline derivatives via [3+2] cycloaddition reactions	Prof. R. T. Pardasani
Sumitra Kumari	Photoinduced Energy Transfer Studies in Coronene-Borondipyrromethene Donor-Acceptor Dyads	Dr. Raghu Chitta
Sweta Mehta	C _{sp3} -H bond functionalization of 2-methyl quinolone to synthesize 2-aryl-1,3-bisazaarene by calcium catalyst	Dr. Srinivasarao Yaragorla

DEPARTMENT OF COMMERCE

Candidate Name	Title of the Dissertation	Supervisor Name
Abhishek Sharma	Indirect Tax System and Goods & Service Tax in India: A Comparative Study	Dr. Sanjay Kumar Patel
Garima Khangarot	Demonetization in India with special reference to banking sector- A preliminary assessment	Dr. Praveen Sahu

Kamlesh Choudhary	Impact of Merger and Acquisition on Financial Performance of The Company: A Case Study of TATA Motors Ltd.	Dr. Sanjay Kumar Patel
Kumar J.	Performance Evaluation of Index Fund Schemes.	Dr. Dhanraj Sharma
Mala Munniswami	Evaluation of Financial Performance of IT Sector in India: A Study of WIPRO and INFOSYS Company	Dr. Sanjay Kumar Patel
Monika Yadav	Promotional strategies of tourism department of Rajasthan	Dr. Praveen Sahu
Narolia S. K.	An Inter-Comparative study of inflows of Foreign Direct Investment in Service Sector of India	Dr. Dhanraj Sharma
Pooja Yadav	Convergence of Indian Accounting Standards with IFRS: A Study on Impact of Corporate Sectors	Dr. Sanjay Kumar Patel
Rawat P.	Merger and Acquisition in Telecommunication Sector	Dr. Dhanraj Sharma
Sawasiya G.	An evaluation of financial performance of Oil and gas Sector in India: A case study of Oil and Gas Natural Corporation (ONGC)	Dr. Dhanraj Sharma
Shivani Srivastava	Impact of digitalization on media and entertainment industry of India	Dr. Praveen Sahu

DEPARTMENT OF COMPUTER SCIENCE

Candidate Name	Title of the Dissertation	Supervisor Name
Divya Babani	Online Blood Bank Management System	Dr. Chhabhi Rani Panigrahi
Kamal Kishore Panwar	Partial scheduling technique in Cloud computing	Nishtha Kesswani
Kundan Kishore	Hostel Finder System	Dr A.Nagaraju
Priyanka Jain	Waiter Management Application	Dr. Chhabhi Rani Panigrahi
Sonu	Performance Evaluation of Multipath Routing in MANETs	Dr A.Nagaraju
Sudeep Singh	Voice controlled robot using smartphone	Nishtha Kesswani

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Candidate Name	Title of the Dissertation	Supervisor Name
Aishwarya Vardhan	Dynamic and Resilient protocol for mutual authentication of nodes in wireless sensor networks	Dr Muzzammil Hussain

Ashustosh Kumar	Secure Query Processing Over Encrypted Database Through CryptDB	Dr Muzzammil Hussain
Bharti Rathor	A New Stenographic Technique using DCT Approach	Ravi Saharan
Chand Rayee	Cluster Certificate Revocation for Security Wormhole attack in Ad hoc Network using OLSR	Dr. Karan Verma
Deepak Kumar	Secure Hadoop with Encrypted HDFS	Ravi Saharan
Divya Meena	Tongue Recognition and Detection	Ravi Saharan
Hema Shekhawat	Big data Privacy Preservation	Dr. Karan Verma
Kapil Mishra	An Integrated Image Encryption and Compression Technique	Ravi Saharan
Neha Badetia	Distributed Mechanism for authentication of nodes in Wireless sensor networks	Dr Muzzammil Hussain
Neha Kaliya	Privacy Preservation in IoT	Dr Muzzammil Hussain
Priyanka Yadav	A Secure AODV routing protocol with Node authentication	Dr Muzzammil Hussain
Rajwinder Kaur	Efficient routing protocol for location privacy preserving in internet of things	Dr. Karan Verma
Reetika Koli	Medical image Mining	Ravi Saharan
Richa Jaiswal	Privacy Preserving Conditional Traceability in Vehicular Ad-Hoc Networks	Dr. Karan Verma
Rukshar Sultana	Mitigating Primary User Emulation Attack in Cognitive Radio Network using Localization and Variance	Dr Muzzammil Hussain
Sonal Jain	Improving capacity in wireless heterogenous networks by mitigation of interference	Dr Muzzammil Hussain
Tunisha Varshney	Resilient Network with loop-free forwarding using Time Negotiation Technique	Dr. Karan Verma

DEPARTMENT OF CULTURE AND MEDIA STUDIES

Candidate Name	Title of the Dissertation	Supervisor Name
Hynamol C	Development and Tribes : A Study on Socio-Cultural Changes among Paniyas in Kerala	Dr. Pranta Pratik Patnaik

DEPARTMENT OF ECONOMICS

Candidate Name	Title of the Dissertation	Supervisor Name
Akanksha Shukla	The Determinants of Capital Structure of Public Sector Banks in India	Dr. Pramod Kumar Naik
Ayush Garg	An Analysis of Food Consumption Expenditure Across the Different States of India	Dr. Pragati Jain
Ayushi Nahar	Stock Market Integration in BRIC Nation: A Study in Pre and Post Subprime Crises Period	Dr. Hemlata Manglani
Ayushi Sharma	Economics of Textile Sector With reference to Economic Growth in International Market: A Study of Panel Data	Dr. Hemlata Manglani
Balraj Kumar Prajapati	The Trend Analysis of Human Development in Health & Education Sector of India	Dr. Mohd Hussain Kunroo
Garima Avasthi	Examining the Performance of Selected Mutual Funds in India	Dr. Pramod Kumar Naik
Iftikhar Hussain	Air Quality in India: An Assessment	Dr. Mohd Hussain Kunroo
Jyoti Kumari	A causality test between Mutual Fund Flows and Stock returns in India	Dr. Pramod Kumar Naik
Komal	Impact of MGNREGA on Poverty and Women Employment	Dr. Satyanarayanamurty Dogga
Krishna J Nair	An Empirical Analysis On The Causality Between Public Debt And Public Expenditure On Economic Growth In India	Dr. Hemlata Manglani
Monica Bhati	A study on price volatility of cash crop and its relation with other factors affecting it :The case of Guar in Sriganganagar (Rajasthan)	Dr. Satyanarayanamurty Dogga
Shanu Jajra	The Trend Analysis of Women Education on Economic Growth of India	Dr. Pramod Kumar Naik
Shivani Yadav	Impact of FDI inflow on Economic Growth of India	Dr. Pragati Jain
Sunita Kumari	Black money in India	Dr. Satyanarayanamurty Dogga
Tamanna Tak	Demonetization and Determinants of Financial Inclusion in India	Dr. Satyanarayanamurty Dogga
Vaibhav Sinha	Health Effects Due to Air Pollution in India	Dr. Mohd Hussain Kunroo
Yash Kothari	Factor Affecting Stock Prices in India	Dr. Pragati Jain

DEPARTMENT OF ENGLISH

Candidate Name	Title of the Dissertation	Supervisor Name
Balveer	Voice of Meera: Revisiting the Bhakti Age	Dr. Neha Arora

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Candidate Name	Title of the Dissertation	Supervisor Name
Anandita Kumari	Characterization of temporal and spatial variation in rainfall and temperature pattern and understand the monsoonal pattern over Mahi basin (1971-2005)	Dr. Devesh Sharma
Danish Rashid	Characterization of Humic and Fulvic Acids of Soil in the surficial sediments of Sambhar lake of Rajasthan	Dr. Alok Kumar
Deepali Pandey	Assessment of heavy metal concentration in soil of copper mining area	Dr. Ritu Singh
Krati Sharma	Variability of lead in the soil near lead mining site and battery waste site in Ajmer district, Rajasthan	Dr. Alok Kumar
Manisha Choudhary	Biodegradation of Pharmaceutical industry waste water	Dr. Garima Kaushik
Monika Verma	Development of green analytical method for the extraction of dye-Dispersive liquid-liquid microextraction	Dr. Ritu Singh
Narendra Kumar Kadela	Study on soil carbon sequestration in and around wetland: a case study of Ramsar site	Dr. L.K. Sharma
Nirmal Singh	Trend analysis of water demand-supply of Banas river basin	Dr. Devesh Sharma
Rajendra Saini	Detection of land surface temperature and temporal change in land use/land cover of Ajmer city	Dr. Devesh Sharma
Sonali Sharma	Variability of biogenic silica in surficial sediments of the Sambhar lake	Dr. Alok Kumar
Swapnil Tawadkar	Evaluating Land use/Land cover using temporal satellite images in Raigarh locality, Chhattisgarh	Dr. L.K. Sharma
Swati Sharma	Identification of Secondary metabolite from <i>Dunaliella sp.</i> at different concentration of hexavalent chromium and zinc	Dr. Garima Kaushik

Vikas Nain	Hydrochemical analysis of groundwater in Churu District, Rajasthan	Dr. Alok Kumar
Vipin Garg	Hydrochemical analysis of groundwater in the Rajsamand District, Rajasthan.	Dr. Alok Kumar
Yashavi Sharma	Heavy metal uptake and accumulation in native plant species of copper mining area	Dr. Ritu Singh

DEPARTMENT OF HINDI

Candidate Name	Title of the Dissertation	Supervisor Name
Aditi Gour	Pravasi Sahitya mein Abhiwyakt Pida aur Samvedna	Dr. Mamata Khandal
Amar Singh	'Faans' Upanyas mein Abhiwyakt Kisan Jivan Darshan	Dr. Mamata Khandal
Anita Yadav	'Daud' Upanyas Mein Adhunikta Bodh	Dr. Dr. Sandeep V. Ranbhiker
Asha Rawat	Kashinath Singh Krit Upanyas 'Rehan Par Ragghu' Mein Manviya Samvedana	Dr. Jitendra K Singh
Balbeer Charan Dan	'Penting Akeli Hai' Mein Chitrit Samajik Yatharth: Ek Vivechan	Dr. Dr. Sandeep V. Ranbhiker
Bhanwarlal Nayak	Agyen ke kavya mein Mithakiya Prayog	Dr. Mamata Khandal
Chaina Meena	Zeba rasheed ke kahani sangrah 'kantili rahen' men yugbodh	Dr. Suresh S Rathore
Geeta Kumari	Nimbark kachariya pithachary jay krishn devachary praneet 'padavali' ka samikshatmk Adhyayan	Dr. Suresh S Rathore
Gopal Ginger	'Manikarnika' Mein Chitrit Dalit Vimarsh Ka Vivechanatmak Adhyayan	Dr. Dr. Sandeep V. Ranbhiker
Kirti Pareek	Nasira Sarma Ke Upanyas 'Shalmali' Mein Stri-Vimarsh	Dr. Jitendra K Singh
Mahesh Tailor	Saran Ghai Krit 'Muktipath-Prem path Mahakavyageet' Mein Manviya Mulya	Dr. Jitendra K Singh
Narendra Kumar Vaishnav	Dr. Brijesh Singh Krit 'Ahuti' Mahakavya Ka Samikshatmk Anushilan	Dr. Jitendra K Singh
Naresh Kumar Bajiya	Bhaktikavya ke Alochakon ki Alochana Drishti aur Miran ka Kavya	Dr. Mamata Khandal

Nemi chand	Nagaridas krit 'Ishkchaman' ka vivechanatmak adhyayan	Dr. Suresh S Rathore
Omprakash Sunda	Vah Bhi Koi Des Hai Maharaj' Ka Samajik Anusheelan	Dr. Sandeep V. Ranbhirkar
Pragati Meena	"Dohra Abhishap' Mein Chitrit Stri Evam Dalit Vimarsh: Ek Tulanatmak Adhyayan	Dr. Sandeep V. Ranbhirkar
Pratibha Kanojiya	Dr. Sudha Arora Krit 'Kam Se Kam Ek Darvaja' Mein Stri-Vimarsh	Dr. Jitendra K Singh
Rahul Kumar Saini	'Halala' kathy, kamvedana drishti aur shilp	Dr. Suresh S Rathore
Sanju Rohalaniya	Nimbark kachariya pith ke akhadon ki khyal parampara ka vivechanatmak adhyayan	Dr. Suresh S Rathore
Sima Kumari Meena	Pankaj Subir ka Upanyas 'Akaal mein Utsav' mein Krishak Samasyayen	Dr. Mamata Khandal
Sumit Kumar Meena	Hindi upnyason men adiwasi aur gair adiwasi lekhan drishti ka tulnatmak adhyayan (1990 se 2010 tak ke vishesh sandarbh men)	Dr. Suresh S Rathore
Suresh Prajapat	'Hashiye Ki Ibaraten' Men Chitrit Stri-Asmita Ka Vishleshanatmak Adhyayan	Dr. Sandeep V. Ranbhirkar

DEPARTMENT OF MANAGEMENT

Candidate Name	Title of the Dissertation	Supervisor Name
Akanksha Agarwal	Road Map of Six Sigma across Indian Organization and Industries	Dr. Tulsee G Goswami
Ankit Somani	A study on consumer perception of fast food restaurant franchise	Dr. M.R.P. Singh
Bhanumati Doshi	A Study of Effect of Macroeconomic Variables on Stock Market Indian Perspective	Dr. Sanjay Kumar
Chandra Prakash	Emergence of Ecommerce sector in India	Dr. Sanjay Kumar
Chitra Sharma	The research and study for the establishment of a new product "Friends VOIS" in the Market	Dr. Sanjay Kumar
Deepa Choudhary	Employees Perception Towards Performance Appraisal	Dr. Avantika Singh
Devendra Kumar	Employee Job Satisfaction Level	Dr. Tulsee G Goswami

Guguloth Dayakar	Study of Financial Scandals in India	Dr. Sanjay Kumar
Harjeet Kaur	Macro-economic Impact of Demonetisation	Dr. Sanjay Kumar
Harshit Sharma	Reliance Jio9 Impact on other Telecom Companies	Dr. Sanjay Kumar
Heena Tulsiani	Mutual Funds: A globally Proven Investment Avenue	Dr. Sanjay Kumar
Indrajeet Biswal	Comparative study of marketing strategies of automobile companies	Dr. M.R.P. Singh
K. Chiranjeevi	Relationship Among Crude Oil Price, Gold Price and Stock Market- An Evidence of Bombay Stock Exchange	Dr. Sanjay Kumar
Komal Sahu	Investment options in Indian Financial Market	Dr. Sanjay Kumar
Manish Kumar	Advertisement effectiveness of cold drinks	Dr. M.R.P. Singh
Masoom Wahid	Impact of Monetary Policy on Indian Stock Market	Dr. Sanjay Kumar
Mohammad Iftikhar Husari	Investment options in Indian Financial Market	Dr. Sanjay Kumar
Mohd Navee	Performance of FDI and FII on Nifty	Dr. Sanjay Kumar
Nikita Nahar	Performance of IPOs in the Indian STOCK Market During 2015-16	Dr. Sanjay Kumar
Pooja Gautam	A study on consumers preferences towards soft drink products	Dr. M.R.P. Singh
Prateek Sharma	A Study on Role of Women In Investment Decision	Dr. Sanjay Kumar
Pratibha Rajput	Movement in Futures Derivatives	Dr. Sanjay Kumar
Priyanka Kumari	Employee Engagement	Dr. Avantika Singh
Raju Dayma	A study of consumers preference and perception towards Patanjali products	Dr. M.R.P. Singh
Ravi Choudhary	Customer satisfaction towards Raymond's fashion wear	Dr. M.R.P. Singh
Ritu Sirohiwal	A study on conflict management style of students in CURAJ	Dr. Tulsee G Goswami
Rohit Goyal	Impact of Demonetization on Digital Payment	Dr. Sanjay Kumar
Shalilesh Kumar	A study on Indian organized retail industry (Big Bazar)	Dr. M.R.P. Singh
Shibin Pathukkudi	Customer satisfaction towards Reliance Jio	Dr. M.R.P. Singh
Shruti Seksaria	Preference of Radio Cab Services In Jaipur City (A comparative study of Uber and Ola	Dr. Jugal Kishor
Shubhangi Gupta	Consumer Preference (A comparative study of Branded and Non Branded Apparel Among Youth In Jaipur City	Dr. Jugal Kishor

Shweta Sharma	The influence of advertising on consumers preferences	Dr. M.R.P. Singh
Surbhi Sharma	Employee Motivation	Dr. Avantika Singh
Urjesh	Can Flexible Working Act as Employee Recruitment & Retention Tool In Public Sector Hospitals	Dr. Manish Singh

DEPARTMENT OF MICROBIOLOGY

Candidate Name	Title of the Dissertation	Supervisor Name
Afazal Husain	Identification of pathogenic <i>E. coli</i> in different livestock in rural areas of Kishangarh, Rajasthan and estimation of the efficiency of these isolates on biofilm formation	Dr. Arvind P Singh
Anjali A	Screening of Halophilic Bacterial Isolates for Antagonistic Activity	Dr Pawan K Dadheech
Arman Mohanty	Catalytically unproductive adsorption of carbohydrate degrading proteins on lignins from diverse types of lignocellulosic biomass	Dr Nidhi Pareek
Himanshu K Bairwa	Enhanced Oil Recovery using polymer nanoparticle mixture in the oil field simulating columns	Dr. Akhil Agrawal
Kamlesh Bhaskar	Screening of phyllosphere bacteria as a biocontrol organisms for the control of pathogenic <i>E. coli</i> colonize and survive in fresh-produce	Dr. Arvind P Singh
Mandeep Singh Shekhawat	Decolourization of synthetic dye using a bacterial isolate MS CURAJ-1 obtained from Industrial Effluent of Phuskar	Prof. Pradeep Verma
Pankaj K Khinchi	Screening of UV absorbing molecules in cyanobacteria isolated from various habitats in Rajasthan	Dr. Akhil Agrawal
Sandhya Gopi	Microbial Fuel Assisted Bioelectricity Generation and Simultaneous Bioremediation of Textile Dyes	Prof. Pradeep Verma
Sanwar Mal Yadav	Study of Bacterial Diversity and Biogas Production from Cow Dung	Prof. Pradeep Verma
Sonali Singh	Evaluation of effectiveness of biocides and metabolic inhibitors to control souring in oil fields of western Rajasthan, India	Dr. Akhil Agrawal
Tanveer Rahi	Optimization of Silver Nanoparticles Synthesis Using an Aqueous Extract of Extreme-tolerant Cyanobacterium	Dr Pawan K Dadheech

Vikram Kumar	Biosynthesis of silver nanoparticles using <i>Aspergillus terreus</i> and its <i>in vitro</i> biological activity	Dr Nidhi Pareek
Vikram Saraswat	Screening of rhizosphere bacteria as a biocontrol organisms for the control of pathogenic <i>E. coli</i> colonize and survive in fresh-produce	Dr. Arvind P Singh

DEPARTMENT OF PHARMACY

Candidate Name	Title of the Dissertation	Supervisor Name
Ajeesh V	Implementing Medicinal Chemistry Tools in Developing Novel Kinase Inhibitors	Dr. Ruchi Malik
Anand Maurya	Synthesis of diversified 5-amine [1-H] tetrazole as COX-2 Inhibitor by Pd/Fe dual catalysed three component reaction as medicinally relevant scaffolds	Dr. D.M. Sawant
Anil Kumar Chandravanshi	Pharmacognostic, Phytochemical and cytotoxic profile of <i>Amberboaramosa</i>	Dr. Vipin Kumar
Anupama Singh	Synthesis, Characterization and Evaluation of Novel PLGA-Derived Macromolecules Based Nanocarriers for Delivery of Methotrexate and Docetaxel	Dr. Kaisar Raza
Avinash Kumar	Synthesis and computational study of benzothiazole derivatives as anti-cancer lead molecule potentially acting through EGFR inhibition.	Dr. D.M. Sawant
Gaurav Mishra	Folate conjugated nanoparticle for targeted delivery of Anti-rhumatic drug	Dr. Umesh Gupta
Hitesh Kumar	Galactosylated Gelatin nanocarrier mediated delivery of Primaquine phosphate for the effective management of malaria	Dr. Umesh Gupta
Komal Kumari	Chitosan Mediated Delivery of Natural Anti-cancer Bio-actives	Dr. Ruchi Malik
Komal Kumari	Chitosen based nanoparticles mediated delivery of natural anticancer bioactives	Dr. Umesh Gupta
Madhwi	Synthesis, Characterization and Evaluation of Amino Acid Modified PLGA and Fullerene based Nanoparticles Loaded with Anti-Cancer Agents	Dr. Kaisar Raza

Megha Sahu	Pd-catalyzed One-pot Synthesis of Diversified Quinazoline Derivatives and its <i>In-silico</i> Studies	Dr. Ruchi Malik
Megha Sahu	Pd- catalysed one-pot synthesis of diversified quinazoline derivatives and its <i>in-silico</i> studies	Dr. D.M. Sawant
Neetu Sehrawat	Folate dendrimer mediated targeted delivery of Bortezomib for the improved efficacy	Dr. Umesh Gupta
Sangeeta Mahaur	Evaluating novel indolizine compounds as cytotoxic agent	Dr. Vipin Kumar
Saurabh Chaturvedi	Synthesis and Characterization of PLGA and Fullerene-based Nanocarriers for Delivery of Anticancer Agents	Dr. Kaisar Raza
Seema Upadhyay	HPMA-PLA Copolymer micelles dual delivery of Isoniazid and Rifampicin	Dr. Umesh Gupta
Shradha Bahuguna	Synthesis and Characterization of Fullerene-based Nanoconjugates for the Delivery of Anticancer agents to Breast Cancer cells	Dr. Kaisar Raza
Vinu K.	Design and Synthesis of Novel GSK- β Inhibitors as Anti-Alzheimer's Agents	Dr. Ruchi Malik
Vishnu Priya Lavanya	Design and synthesis of imidazo[1,2-a]pyridine as GABA _A modulator for CNS disorder	Dr. Vipin Kumar
Vishnuprya Lavania	Design and synthesis of imidazo[1,2-a] pyridine as GABA _A modulator for CNS disorders.	Dr. D.M. Sawant

DEPARTMENT OF PHYSICS

Candidate Name	Title of the Dissertation	Supervisor Name
Asgar Ali	Predator Prey model with prey Refuge	Prof. Manish Shrimali
Baleshwar Mahto	Quantum hydrodynamic model for Quantum Dusty Plasma- under the effect of ionization rate	Dr. Sukhmander Singh
Deeksha Khandelwal	Synthesis and characterization of Composite of reduced graphene oxide/LaCoO ₃ perovskite	Dr. Ajit K Patra
Ganna K	Synthesis & haracterisation of metal halide complexes & multilayered thin films of Mn/Al	Dr. Ajit K Patra
Gourav Rana	Bifurcations of nonlinear ion acoustic travelling waves in the frame of a Zakharov-Kuznetsov equation in magnetized plasma with a kappa distributed electron	Dr. Sukhmander Singh

Jigyasa Gupta	Study on synthesis and structural characterization of Mn-modified PrCrO_3 orthochromites	Dr. Neeraj Panwar
Jostin P. Joby	Synthesis and structural characterization of Gd substituted $\text{SmCr}_{0.85}\text{Mn}_{0.15}\text{O}_3$	Dr. Neeraj Panwar
Jyoti Sheshma	Bifurcations of dust ion acoustic travelling waves in a magnetized dusty plasma with a q-nonextensive electron velocity distribution	Dr. Sukhmander Singh
Kacho Imtiyaz Ali Khan	Synthesis and characterization of Composite of reduced graphene oxide/ SrCoO_3 perovskite	Dr. Ajit K Patra
Kajal Sharma	Synthesis of CdS nanostructures by chemical route	Dr. Sandeep Kumar
Khushbu Nagar	Gradient Driven Electromagnetic Instabilities in Hall Thruster Plasma	Dr. Sukhmander Singh
Mahesh Yadav	Hydro-thermal synthesis of WO_3 NR s and phase transition after a hydro-thermal duration	Dr. Ajit K Patra
Mamta	Fabrication of Cr/n-Si and Pt/n-Si Schottky barrier contacts	Dr. Sandeep Kumar
Pankaj Kumar Soni	Nonlinear dynamics of Memristor based oscillators	Prof. Manish Shrimali
Pooja Ahrodia	Charge Fluctuation on current driven electrostatic ion cyclotron instability in a magnetized plasma	Dr. Sukhmander Singh
Sheema	Characterization of Cr/n-Si and Pt/n-Si Schottky barrier contacts	Dr. Sandeep Kumar
Shubhi Sharma	Zink Oxide nanorod synthesis and its characterization	Dr. Sandeep Kumar
Subhash Meena	Self organized criticality in Sandpile model	Prof. Manish Shrimali
Sunil K. Meena	Synthesis of $\text{Pr}_{60}\text{Ti}_{11}$ -modified lead-free $(\text{Ba}_{0.98}\text{Ca}_{0.02})(\text{Ti}_{0.98}\text{Zr}_{0.02})\text{O}_3$ ceramics	Dr. Neeraj Panwar
Swati Jasrotia	Synthesis of Ba doped ZnO thin film by spin coating method	Dr. Sandeep Kumar
Syushila Choudhary	Synthesis of $\text{Pr}_{60}\text{Ti}_{11}$ -modified lead-free $(\text{Ba}_{0.98}\text{Ca}_{0.02})(\text{Ti}_{0.98}\text{Zr}_{0.02})\text{O}_3$ ceramics	Dr. Neeraj Panwar
Yasha Sharm	Nonlocal Magnetorotational Instability	Dr. Sukhmander Singh

DEPARTMENT OF SOCIAL WORK

Candidate Name	Title of the Dissertation	Supervisor Name
Arun M. Antony	Witch Hunting and Witch Crafting: The community response and experiences of women labelled as witches	Mr. D.P. Negi
Aswathy	A Study on Depression and Related Issues Among Greying Population.	Dr. Shaizy Ahmed
Athira George	Parental Attitude and Potential Barriers Towards Girls.	Dr. Shaizy Ahmed
Azad Singh	Socio Economic Problems of Elderly Residing in Old Age Homes.	Dr. Shaizy Ahmed
Bhumita Tripathi	A Study on Health Status & Available Services for Elderly Women with Special Reference.	Dr. Shaizy Ahmed
Dungar Singh	A study on substance expectancy adolescents of rural Rajasthan - Feasibility of group interventions to reduce tobacco expectancy	Dr. Atiq Ahmed
Dungar Singh	A study on substance expectancy adolescents of rural Rajasthan - Feasibility of group interventions to reduce tobacco expectancy	Dr. Atiq Ahmed
Mastram Meena	Climate Change Impact on Livelihood in Kishangarh, Ajmer Rajasthan	Dr Rajeev MM
Nidhi Tyagi	Discrimination and Deprivation of Transgender: A study with special reference to Budaun District of Unttar Pradesh	Mr. D.P. Negi
Pappu Ramana	A Study on life skills among students of Rural Rajas than	Dr. Atiq Ahmed
Parmeshawar Kamble	Livelihood Security of Street Vendors with special reference to Kishangarh city in Rajasthan	Mr. D.P. Negi
Pooja Choudhary	The Nata System and the Experiences of Women: An Explorative study in the context of rural Rajas than	Mr. D.P. Negi
Ranjeet Choudhary	Study on Environmental and Related Health Issues of People Working in the Marble Industry in Ajmer District, Rajasthan	Dr Rajeev MM
Sabna E.S.	A study on menstrual adjustment among adolescent girls of rural Rajasthan - feasibility of group interventions	Dr. Atiq Ahmed
Sabna E.S.	A study on menstrual adjustment among adolescent girls of rural Rajasthan - feasibility of group interventions	Dr. Atiq Ahmed

Sunitah Kumari	Socio- Economic and Political Participation of Women in the Rural Villages in Rajasthan: With Special Reference to MGNREGA Programme	Dr Rajeev MM
Tushar Baburao Kuchekar	Status of Secondary Education: with special reference to Government Schools in Rural Rajasthan	Dr Rajeev MM
Vikram Rajnat	A study on Rajnat Community women engaged in commercial sex work in rural Rajasthan'	Dr. Atiq Ahmed

DEPARTMENT OF STATISTICS

Candidate Name	Title of the Dissertation	Supervisor Name
Bhag Chand Meena	Time Series Modeling of ECS Data	Dr Jitendra Kumar
Deepti Soni	Comparative Study of CGPA for Different Cycle of NACC	Dr. Arvind Pandey and Dr. M.Shaha
Madhuri Vaishnav	Parameter Estimation of Gamma Frailty Exponential Distribution	Dr. Arvind Pandey
Mahesh Godara	Study of Entropy for Different Frailty Distributions	Dr. Arvind Pandey
Manisha Rakhecha	A Modified form of Weibull Distribution	Dr. Arvind Pandey
Neha Bansal	Time Series Analysis of Mobile Banking Transactions	Dr Jitendra Kumar
Nitika Dhariwal	Inference from the Gamma Extended Weibull Model with Application to Bladder Cancer Data	Dr. Sanjay Kumar
Poonam	A Ratio-Product-Ratio Estimator for Population mean Under simple Random Sampling in the Oresence of Non- response and Measurement Error	Dr. Sanjay Kumar
Rahul Bharti	Bayes Estimation of Transmuted Inverse Weibull Distribution	Dr. Arvind Pandey
Shweta Saini	Business Failure Prediction Using Survival Analysis	Dr. Arvind Pandey
Srayasi Prakash	Predictive exponential ratio-type and product-type estimators for population mean in the presence of non-response	Dr. Sanjay Kumar
Sumit Kumar Sharma	Testing of Structural Break Point in Panel AR(1) model: A Bayesian Approach	Dr Jitendra Kumar
Suraj Yadav & Amit Kumar	Time Series modelling of RTGS Data	Dr Jitendra Kumar
Vikash Kumar Saini	Time Series Modelling of NEFT Data	Dr Jitendra Kumar

Student Placements

DEPARTMENT OF ARCHITECTURE

Name of the student	Organization/Company name
Amit Kumar Singh	Khandelwal College of Architecture and Design
Kush Sexena	Amity University
Prashant Sharma	Self-employed (Practicing Architect)
Manish	Amity University
Praveen Jangid	Practicing Architect
Yogita S Bijarniya	Bharti Vidyapeeth Pune
Sanjeev Kumar	Self-employed (Practicing Architect)
Anas Ahmed	Self-employed (Practicing Architect)
Vijay Kumar	Self-employed (Practicing Architect)

DEPARTMENT OF BIOTECHNOLOGY

Name of the student	Organization/Company name
Ajeet Singh	Ph.D at National Institute of Plant Genome Research, New Delhi
Baby Kumari	Ph.D at Hyderabad Central University (HCU), Hyderabad
Lokendra Singh Shekhawat	Animal Pharmaceutical, Ahmedabad
Pushpa Kumari	Anuj Lab Private Ltd, Himachal Pradesh

DEPARTMENT OF CHEMISTRY

Name of the student	Organization/Company name
Isha Mishra	Ph.D. at University of Hyderabad
Akansha Yadav	Kendriya Vidyalaya, Central University of Rajasthan
Manoj Meghwal	Chemist at ONGC

DEPARTMENT OF COMMERCE

Name of the student	Organization/Company name
B.A. Mohana Krishna	Ambience Construction India Pvt Ltd, Hyderabad
Shivani	ICICI Prudential Life Insurance
Monika Yadav	Department of Commerce, Yaduvanshi Degree College, Mahendragarh

DEPARTMENT OF COMPUTER SCIENCE

Name of the student	Organization/Company name
Kundan Kishor	Self Employed
Nikhil Mantri	Pursuing M.C.A, MDS University Ajmer.
Pradeep Singh Chauhan	Working as Technical Support Engineer at Adobe Product & Services in Delhi NCR
Priyanka Jain	NIIT Foundation as a IT Facilitator in Jaipur

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Name of the student	Organization/Company name
Richa Jaiswal	Project Research Engineer at IIT Bombay
Rajwinder Kaur	Salesforce Developer, Cloud Certitude Pvt. Ltd Gurugram
Kapil Mishra	Pursuing PhD at IIIT Allahabad
Sonal Jain	Assistant Professor, SKIT, Jaipur
Rukhsar Sultana	Adjunct faculty at govt Engg College, Jhalawar
Bharti Rathor	Guest faculty, Govt. Women Engg College, Ajmer
Neha Kaliya	Assistant Professor, SKIT, Jaipur

DEPARTMENT OF CULTURE MEDIA AND STUDIES

Name of the student	Organization/Company name
Akansha Chandani	News24 Channel, Lucknow
Divya Hemnani	Rajasthan Patrika Digital Division, Jaipur
Hynamol C R	Nilgiris Wayanad Tribal Welfare Society, Kerala
Meghna Pareek	Rajasthan Patrika Online Division, Jaipur
Akansha Chandani	News24 Channel, Lucknow

DEPARTMENT OF ECONOMICS

Name of the student	Organization/Company name
Maha Singh	RPSC Lecturership Assistant Professor
Shashank Dave	RPSC Lecturership Assistant Professor
Gajendra Meena	RPSC Lecturership Assistant Professor
Prahlad Dhaker	RPSC Lecturership Assistant Professor
Ram Lal Bagaria	Assistant Professor, Central University of Bihar (South Bihar campus)
Sunil Chejara	Kendriya Vidyalaya School Lecturer

DEPARTMENT OF ENGLISH

Name of the student	Organization/Company name
Lokesh	First Grade Lecturer in School (RPSC)
Ajay Ruhil	Lecturer, Biff and Bright College, Padasoli
Niharika Sharma	Lecturer, R K Patni College, Kishangarh

DEPARTMENT OF ENVIRONMENTAL SCIENCE

Name of the student	Organization/Company name
Nirmal Singh	Assistant Engineer, Rajasthan Renewal Energy Cooperation

DEPARTMENT OF HINDI

Name of the student	Organization/Company name
Kailash Chandra	School Lecturer, Rajasthan Public Service Commission
Nirmal Suwasiya	School Lecturer, Rajasthan Public Service Commission
Biram Dev	School Lecturer, Rajasthan Public Service Commission
Sunil Kumawat	School Lecturer, Rajasthan Public Service Commission
Shri pal	School Lecturer, Rajasthan Public Service Commission
Priya Sharma	School Lecturer, Rajasthan Public Service Commission
Dinesh Kumar	School Lecturer, Rajasthan Public Service Commission
Kuldeep Yadav	College Lecturer, Haryana Public Service Commission
Manish Kumar Baswala	College Lecturer, Navodaya Vidyalay Sanghathan
Jeevan Ram Meghwal	Gram Sevak, Rajasthan Panchayati Raj Vibhag

DEPARTMENT OF MANAGEMENT

Name of the student	Organization/Company name
Chandraprakash	Kotak Mahindra Bank, Kota
Chitra Sharma	Genpact , Jaipur
Harshit Sharma	Reliance Jio, Jaipur
Indrajeet Singh Biswl	Shri Ram Finance , Bhilwara
Masoom Wahid	Kotak Mahindra Bank, Neemrana
Moh Iftikhar Husain	Kotak Mahindra Bank, Bikaner
Pooja Gautam	ICICI Bank , Jaipur
Prateek Sharma	Rajputana Saria , Jaipur

Raju Dayma	Kotak Mahindra Bank, Barmer
Shailesh Kumar	AU Finance, Jaipur
Shibin Puthukkudi	Rentula
Shubhangi Gupta	Just Dial, Jaipur

DEPARTMENT OF MICROBIOLOGY

Name of the student	Organization/Company name
Hemant Kumar Joshi	Faculty-Alok Science College, Ajmer
Vikas Kumar Singh	Faculty- FIITJEE
Firoz Khan Bhati	PhD-NCCS, Pune
Md. Nawazish Alam	PhD-PGI Lucknow
Rakesh Kumar	Intas Pharmaceuticals
Arman Mohanty	PhD- IIT Guwahati

DEPARTMENT OF PHYSICS

Name of the student	Organization/Company name
Pushpa Sharma	RPSC School Lecturer
Bhagwana Ram Godara	RPSC School Lecturer
Deeksha Khandelwal	Scientist C at IUAC, Delhi
Kacho Imtiyaz Ali Khan	Joined PhD at IIT Delhi
Kishor Kumar Kumawat	Joined as Scientist at BARC

DEPARTMENT OF SOCIAL WORKS

Name of the student	Organization/Company name
Athira George	Volunteer, RMKM,Ajmer
Azad Singh	Parivar Seva Sansthan, Chittorgarh.
Dungar Singh	Gramin Vikas Seva Sansthan,Ajmer
Mastram Meena	Rajasthan Yuva Vikas, Prerak
Nidhi Tyagi	Gandhi Fellowship, Jhunjunu, Rajasthan
Parameswar kamble	Pune NGO
Sunita kumari	Jaspur Jan Vikas Sanstan, Chattisgarh.
Suresh Kumar Pilaniya	RGAVP, Rajasthan
Tushar Baburao Kuchekar	Gandhi Fellowship, Ahmedabad.

DEPARTMENT OF STATISTICS

Name of the student	Organization/Company name
Ankush Khatri	Directorate of Economics & Statistics, State Finance Commission, Government of Rajasthan
Anuj Gupta	Epoch research institute
Himanshu Pokhariyal	Cochin University of Science and Technology

DEPARTMENT OF PHARMACY

Name of the student	Organization/Company name
Anupama Singh	Lecturer, Jungle Dhusad Udyogi Government Polytechnic College, Gorakhpur, UP.
Madhwi	Assistant Professor, School of Pharmaceutical Sciences, Jaipur National University, Jaipur, Rajasthan.
Saurabh Chaturvedi	Assistant Professor, School of Pharmaceutical Sciences, Jaipur National University, Jaipur, Rajasthan.
Neetu Sehrawat	Assistant Professor, NKBR College of Pharmacy, Merut, UP.
Gaurav Vats	Assistant Professor, NKBR College of Pharmacy, Merut, UP.
Shradha Bahuguna	Senior Associate, Innodata India Pvt. Ltd., Noida, UP.
Hitesh Kumar	Assistant Professor, Kalinga University, Chhattisgarh.
Nitesh Kumar	Government Pharmacist, Government of Rajasthan, Jaisalmer, Rajasthan.
Bharat	Government Pharmacist, Government of Rajasthan, Baran, Rajasthan.
Manohar Saini	Government Pharmacist, Government of Rajasthan, Jhunjhunu, Rajasthan.
Vaishali Saini	Government Pharmacist, Government of Rajasthan, Jhunjhunu, Rajasthan.
Payal Kamboj	Assistant Professor, Alwar College of Pharmacy, Alwar, Rajasthan.
Bhagyashree Goswami	Assistant Professor, Jyoti Mahila Vidyapeeth, Jaipur, Rajasthan.
Anil Chandravanshi	Zydus Cadila, Mumbai, Maharashtra.
Anand Maurya	Quality Control Analyst, Acme Generics, Baddi, HP.
Avinash Kumar	Assistant Professor, Bihar College of Pharmacy, Patna, Bihar.
Anurag Kumar Singh	PhD Scholar, Banaras Hindu University, Varanasi, UP.
Chanchal Kiran	PhD Scholar, Indira Gandhi National Tribal University, Amarkantak, MP.
Veenu K.	Assistant Professor, Crescent College of Pharmacy, Kerala.
Ajeesh V.	Assistant Professor, Crescent College of Pharmacy, Kerala.

Members: Academic Council

The Vice Chancellor

Prof. Arun K Pujari

Deans of Schools of Studies

1. Prof. Manish Dev Shrimali, Dean, School of Physical Sciences; Dean (i/c), School of Earth Sciences, Dean (i/c), School of Engineering & Technology
2. Prof. S.N. Ambedkar, Dean, School of Social Sciences
3. Dr. M.R.P. Singh, Dean, School of Commerce & Management
4. Dr. Sunil Ganpati Naik, Dean, School of Chemical Sciences & Pharmacy
5. Dr. Dinesh Chandra Sharma, Dean, School of Mathematics, Statistics & Computational Sciences
6. Prof. Pradeep Verma, Dean, School of Life Sciences
7. Dr. Lakshmi N. Aiyar, Dean, School of Humanities and Languages
8. Ms. Ritu B. Rai, Dean, School of Architecture

Heads of Teaching Departments/ Centers

1. Prof. Supriya Agarwal, Head, Department of English
2. Prof. Manish Dev Shrimali, Head, Department of Physics; Department of Computer Science & Engineering;
3. Prof. Pradeep Verma, Head, Department of Microbiology
4. Prof. S.N. Ambedkar, Head, Department of Economics; Department of Culture & Media Studies; Department of Social Work
5. Dr. M.R.P. Singh, Head, Department of Management
6. Dr. Vipin Kumar, Head, Department of Pharmacy
7. Dr. Dinesh Chandra Sharma, Head, Department of Mathematics; Department of Computer Science
8. Dr. Sunil Ganpati Naik, Head, Department of Chemistry
9. Dr. Jitendra Kumar, Head, Department of Statistics
10. Dr. S. Kandasamy, Head, Department of Public Policy, Law & Governance
11. Dr. Laxmi Kant Sharma, Head, Department of Environmental Science
12. Dr. Praveen Sahu, Head, Department of Commerce
13. Dr. Chandi Charan Mandal, Head, Department of Biochemistry
14. Dr. Pankaj Goyal, Head, Department of Biotechnology
15. Ms. Ritu B. Rai, Head, Department of Architecture
16. Dr. Lakshmi N. Aiyar, Head, Department of Hindi

Ten Professor (excluding those who are Deans of Schools of Studies & Heads of the Departments/ Centres) on the basis of seniority and rotation, to be nominated by the Vice Chancellor giving due regard to representation of different Schools

1. Prof. R.T. Pardasani, Deptt. of Chemistry
2. Prof. A.K. Gupta, Deptt. of Biotechnology

Five Associate Professors, who are not Head of Teaching Department, by rotation according to seniority, to be appointed by the Vice Chancellor

1. Dr. Pawan Kumar Dadheech, Deptt. of Microbiology
2. Dr. Jagdish Ulhas Jadhav, Deptt. of Social Work
3. Dr. Jogeswar Panigrahi, Deptt. of Biotechnology

Three Assistant Professors, by rotation according to seniority, to be appointed by the Vice Chancellor

1. Dr. Bhumika Sharma, Deptt. of English
2. Dr. Tulsee Giri Goswami, Deptt. of Management
3. Dr. Sanjay Kumar, Deptt. of Statistics

Six persons not in the service of the University co-opted by the Academic Council for their Special Knowledge in education progress and development

1. Prof. Ram Ramaswamy, JNU, New Delhi
2. Prof. R. Prasad, IIT Roorkee
3. Prof. K.C. Sharma, MDS University, Ajmer
4. Prof. Maithili Sharan, IIT, Delhi
5. Prof. Chandrakala Padia, Maharaja Ganga Singh University, Bikaner
6. Prof. Aparna Rayaprol, University of Hyderabad, Hyderabad

Dean of Students Welfare (Ex-officio Member)

Prof. S.N. Ambedkar

Proctor (Ex-officio Member)

Dr. Laxmi Kant Sharma

Controller of Examinations

Prof. Neeraj Gupta (i/c)

Librarian

Dr. Vijayakumar M.

Registrar, Ex-officio Secretary

Shri K.V.S. Kameswara Rao

- Quorum of the Committee: Half of the total members of the Academic Council, including two outside members, excluding the chairman, shall form the quorum for the meeting of the Academic Council (Statute 13(4)).
- Tenure of the Member: All members of the Academic Council, other than the ex-officio members, shall hold office for a term of three years (amended statute 13(3))

Members: Executive Council

Vice Chancellor

Prof. Arun K Pujari

Secretary, Department of Higher Education, MHRD, Govt. of India

Chairman, UGC or his / her nominee

Dr. (Mrs.) Paula Banerjee

Principal Secretary, Higher Education Department, Government of Rajasthan

Four members from among Deans of Schools of Studies, by rotation according to seniority, to be appointed by the Vice-Chancellor

1. Prof. S.N. Ambedkar, Dean, School of Social Sciences
2. Dr. Sunil Ganpati Naik, Dean, School of Chemical Sciences & Pharmacy
3. Prof. Manish Dev Shrimali, Dean, School of Physical Sciences
4. Dr. Maithili R.P. Singh, Dean School of Commerce & Management

One Professor who is not a Dean, by rotation according to seniority, to be appointed by the Vice-Chancellor

Prof. R.T. Pardasani

One Associate Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor

Dr. Jugal Kishore Prajapat, Associate Professor, Department of Mathematics

One Assistant Professor, by rotation according to seniority, to be appointed by the Vice-Chancellor

Dr. Raghu Chitta

Registrar, ex-officio Secretary of the Executive Council

Shri K.V.S. Kameswara Rao

- Tenure: All the members of the Executive Council, other than the Vice-Chancellor and Pro-Vice-Chancellor, shall hold office for a term of three years (Statute 11(2))
- Quorum: Half of the total members of the Executive Council, including two outside members, excluding the Chairman, shall form the quorum for the meeting of the Executive Council (Statute 11(3))

Members: Finance Committee

The Vice Chancellor

Prof. Arun K Pujari

Three Persons nominated by the Executive Council, out of whom at least one shall be member of the Executive Council

Prof. N. U. Siddiqui (term ended on 22th November 2016)

1. Dr. N U Siddiqui, Former Finance Officer, Jamia Milia Islamia, New Delhi
2. Prof. V. P. Gulati, Consulting Advisor (Vice President), T.C.S., Hyderabad
3. Prof. R.T. Pardasani, Deptt. of Chemistry, Central University of Rajasthan (Member, Executive Council)

Three Persons nominated by the Visitor

1. Joint Secretary (CU&L), MHRD, New Delhi
 2. Joint Secretary & Finance Advisor, MHRD, New Delhi
 3. Joint Secretary (CU), UGC, New Delhi
- (Visitor's nominee w.e.f. 18-03-2014 for a term of three years)

Ex-officio Secretary

Shri Dinesh Kumar Aggarwal, Finance Officer

Quorum of the Committee: Five members of the Finance Committee shall form a quorum for a meeting of the Finance Committee (Statute 17(2))

Tenure of the Member: All the members, other than Ex officio members, shall hold office for a term of three years (Statute 17(3))

List of Faculties/Officers/Staffs, who joined in year 2016-17

A. Non-teaching Staffs

S. No.	Name	Designation	Date of Joining
1	Dr. Ankur Mittal	Medical Officer	22-07-16
2	Mr. Rajpal Singh Rewar	Security Officer	19-08-16
3	Mr. Jai Ram Chejara	Security Inspector	22-09-16
4	Mr. Surendra Singh Rajawat	Lower Division Clerk	14-03-17
5	Mr. Vinod Choudhary	Lower Division Clerk	14-03-17
6	Mr. Pawan Kumar Sharma	Lower Division Clerk	14-03-17
7	Mr. Jahangir Kureshi	Lower Division Clerk	14-03-17
8	Mr. Navin Chand Sen	Lower Division Clerk	14-03-17
9	Mr. Govind Kumwat	Lower Division Clerk	14-03-17
10	Mr. Lalit Bhopriya	Lower Division Clerk	14-03-17
11	Mr. Santosh Kumar Kumawat	Upper Division Clerk	15-03-17
12	Mr. Yogesh Kumar Meena	Lower Division Clerk	15-03-17
13	Mr. Pardeep Kumar	Assistant Registrar	03-04-17
14	Mr. Om Kumar Karn	Hindi Officer	05-04-17
15	Mr. Girdhari Lal Verma	Assistant	07-04-17
16	Mr. Mukesh Soni	System Analyst	11-04-17
17	Mr. Puneet Agarwal	Lower Division Clerk	11-04-17
18	Mr. Gaurav Kumar	Lower Division Clerk	26-04-17
19	Mr. Avdhesh Vijay	Technical Assistant	01-05-17
20	Mr. Pushpendra Kumar Sharma	Laboratory Assistant	01-05-17
21	Mr. Satya Narayan Rao	Laboratory Assistant	01-05-17
22	Mr. Pankaj Kumar Tailor	Laboratory Assistant	01-05-17
23	Mr. Hukma Ram Meghwal	Driver	01-05-17
24	Mr. Akhilesh Tiwari	Laboratory Attendant	01-05-17
25	Mr. Rajendra Kumar Soni	Laboratory Attendant	01-05-17
26	Mr. Ashish Kumar Sharma	Multi-Tasking Staff	01-05-17
27	Mr. Lekhraj	Multi-Tasking Staff	01-05-17
28	Mr. Satya Narayan Solanki	Kitchen Attendant	01-05-17
29	Mr. Jai Singh	Hostel Attendant	01-05-17
30	Mr. Giriraj Sharma	Laboratory Assistant	02-05-17
31	Mr. Alok Sharma	Technical Assistant	03-05-17
32	Mr. Aarif Khan	Laboratory Assistant	03-05-17
33	Mr. Kheema Ram	Laboratory Attendant	03-05-17
34	Mr. Nathmal Tak	Hostel Attendant	03-05-17
35	Mr. Ram Prakash Meena	Laboratory Attendant	04-05-17
36	Mr. Sandeep Sharma	Laboratory Assistant	05-05-17
37	Mr. Ashish Kumar Sharma	Laboratory Attendant	05-05-17
38	Mr. Bhagirath Ashiya	Laboratory Attendant	09-05-17
39	Mr. Vishnu Bansal	Laboratory Attendant	12-05-17
40	Mr. Anuj Kumar	Laboratory Attendant	15-05-17
41	Mr. Shiv Prasad Sharma	Laboratory Attendant	17-05-17
42	Mr. Mohit Jamer	Senior Technical Assistant (ICT)	26-05-17
43	Mr. Rajesh Kumar	Junior Engineer (Civil)	26-05-17

B. Teaching Staffs

S. No.	Name	Designation	Date of Joining
1	Dr. Narendra Kumar	Assistant Professor, Education	18-08-16
2	Dr. Gobind Singh	Assistant Professor, Education	18-08-16
3	Dr. Anuj Kumar Sharma	Assistant Professor, Chemistry	10-12-16
4	Dr. Subrat Kumar Panda	Assistant Professor, Atmospheric Science	11-12-16
5	Dr. Shiv Swaroop	Assistant Professor, Biochemistry	11-12-16
6	Dr. Satyanarayanamurty Dogga	Assistant Professor, Economics	11-12-16
7	Dr. Jai Prakash Tripathi	Assistant Professor, Mathematics	11-12-16
8	Dr. Vijay Kumar Yadav	Assistant Professor, Mathematics	11-12-16
9	Dr. S.Thangminlal Vaiphei	Assistant Professor, Biotechnology	13-12-16
10	Dr. Girish Chandra Tewari	Assistant Professor, Physics	13-12-16
11	Dr. Vipul Kakkar	Assistant Professor, Mathematics	15-12-16
12	Dr. Deeksha Tripathi	Assistant Professor, Microbiology	23-12-16
13	Dr. Krishna Kumar Mohbey	Assistant Professor, Computer Science	26-12-16
14	Dr. Arvind Pandey	Assistant Professor, Statistics	26-12-16
15	Dr. Mohd. Hussain Kunroo	Assistant Professor, Economics	27-12-16
16	Dr. Chhabi Rani Panigrahi	Assistant Professor, Computer Science	30-12-16
17	Dr. Thirumoorthi Ramalingam	Assistant Professor, Chemistry	02-01-17
18	Dr. Jagadeesh Kakarla	Assistant Professor, Computer Science	02-01-17
19	Dr. Jayendra Nath Shukla	Assistant Professor, Biotechnology	12-01-17
20	Dr. Brijesh Kumar Singh	Assistant Professor, Physics	16-01-17
21	Mr. Rakesh Kumar	Assistant Professor, Physics	16-01-17
22	Dr. Vijay Kumar Verma	Assistant Professor, Microbiology	18-01-17
23	Dr. Partha Roy	Assistant Professor, Chemistry	01-05-17

Statistical Summary of Teaching and Non-teaching Staff

Teaching staff:

Sanctioned/ Existing and category-wise distribution (as on 10-08-2017)

Sl.No.	Item	Professor	Associate Professor	Assistant Professor	Total
		(AGP-10000)	(AGP-9000)	(AGP-6000)	
1	Sanctioned Strength	22	44	118	184*
2	Existing Strength	5	19	95	119

* In addition to the above,

* In addition to the above,

(1) The UGC sanctioned 06 teaching positions (01-Professor, 02 Associate Professor, 03 Assistant Professor) for B.Ed. and M.Ed. programmes during XII Plan. The B.Ed. and M.Ed. programmes have not been started till date, therefore, these 06 positions are not included in the above table.

(2) The UGC has also sanctioned 35 teaching positions (05-Professor, 10 Associate Professor, 20 Assistant Professor) to start 05 new Departments during XII plan (07 posts for each Department). The University has started one Department in the session 2016-17 and remaining Departments will be opened in phased manner in upcoming sessions, hence, only 07 posts, out of 35, are utilized.

(3) The UGC has also sanctioned 04 teaching positions (01-Professor, 01-Associate Professor, 02-Assistant Professor) to start Department of Yoga from the Academic Session 2017 -18, therefore, these 04 positions are not included in the above table.

Out of existing staff, the category-wise number of candidates appointed are as under:-

(i)	General	5	19	53	77
(ii)	SC	Nil	Nil	15	15
(iii)	ST	Nil	Nil	6	6
(iv)	OBC	N/A	N/A	21	21
(v)	PH category	Nil	Nil	1	1
3	Vacant Positions (1 - 2)	17	25	23	65

No. of staff belong to the category (SC/ST/OBC) appointed against Unreserved positions: SC-01, OBC-05.

Note: In addition to the above, the University engaged 18 teaching staff on temporary/ contract basis against vacant sanctioned teaching positions for smooth conducting of Academic Departments.

Non-Teaching staff:

Sanctioned/ Existing and category-wise distribution (as on 10-08-2017)

Sl.No.	Item	Group A	Group B	Group C	Total
1	Sanctioned Strength	20	35	90	145
2	Existing Strength	12	16	61	89

Out of existing staff, the category-wise number of candidates appointed are as under:-					
(i)	General	11	14	46	71
(ii)	SC	Nil	1	6	7
(iii)	ST	Nil	Nil	2	2
(iv)	OBC	1	1	7	9
(v)	PH category	Nil	Nil	1	1
3	Vacant Positions (1 - 2)	8	19	29	56

No. of staff belong to the category (SC/ST/OBC) appointed against Unreserved positions: SC-03, ST-02, OBC-09.

Note: *The University has engaged 34 manpower through outsourced agency against vacant sanctioned non-teaching positions.*



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