

## The Academic Council

Members of the Academic Council of the University are:



Prof. M.M. Salunkhe (Ex-officio Chairman)  
Vice-Chancellor, Central University of Rajasthan



Prof. (Dr.) Naresh Dadich  
Vice-Chancellor, Vardhaman Mahaveer Open University, Kota



Prof. B.S. Sonde  
Former Vice-Chancellor, Goa University & Prof. of ECE, IISC, Bangalore



Prof. P.C. Vyas  
Former Professor and Head, Department of Chemistry, University of Rajasthan, Jaipur



Prof. R.S. Dubey  
Professor, BHU and Former Vice-Chancellor, Sagar University, Sagar



Prof. G. Haragopal  
Former Dean, School of Social Sciences, Department of Political Science, University of Hyderabad



Prof. R.S. Deshpande  
Director, Institute for Social and Economic Change (ISEC), Bangalore



Prof. (Dr.) K.N. Ganesh  
Director, Indian Institute of Science Education and Research, Pune



Prof. Rajeshwari Prasad  
Department of Physics, Aligarh Muslim University, Aligarh



Dr. Anant V. Narlikar  
Ex-Director Grade Scientist, National Physical Laboratory, New Delhi



Dr. M.D. Tiwari  
Director, Indian Institute of Information Technology, Allahabad



Prof. Vinod K. Singh  
Director, Indian Institute of Science Education and Research (IISER), Bhopal



Prof. K.M. Shrivastava  
Professor of News Agency Journalism, IIMC, New Delhi



### The Academic Council



Prof. S.S. Mantha  
Vice Chairman, All India Council for Technical Education (AICTE), New Delhi



Dr. J.S. Yadav  
Director, Indian Institute of Chemical Technology, Hyderabad



Prof. B.L. Munekar  
President & Chairman, Indian Institute of Advanced Studies, Shimla



Prof. Tista Bagchi  
Department of Linguistics, University of Delhi, Delhi



Dr. Manvendra Kishore Das  
Dean, Faculty of Education, Mahatma Gandhi Kashi Vidyapith, Varanasi

### The Finance Committee

The members of the Finance Committee of the University include:



Prof. M.M. Salunkhe (Ex-officio Chairman)  
Vice-Chancellor, Central University of Rajasthan



Prof. Devi Singh (EC Member Nominee)  
Director, Indian Institute of Management (IIM) Lucknow



Shri S. Parabrahmaiah (EC Nominee)  
Former Finance Officer, University of Hyderabad, Hyderabad



Shri B.S. Patil (EC Nominee)  
Finance & Accounts Officer, Shivaji University, Kolhapur



Prof. Nilofour Kazmi (Nominee of the Visitor for 3 years)  
Secretary, University Grants Commission, New Delhi



Shri Upamanyu Basu (Nominee of the Visitor, forwarded by MHRD)  
Director, Department of Higher Education, MHRD, Govt. of India, New Delhi



Shri Partap Singh (Nominee of the Visitor, forwarded by MHRD)  
Deputy Secretary (Finance), Integrated Finance Division, Department of Higher Education, MHRD, Govt. of India, New Delhi

## **Meetings of the Statutory Bodies**

- The Executive Council of the University held four meetings during the year, on 11th June 2011 (8th meeting), 25th September 2011 (9th meeting), 25th January 2012 (10th meeting), 21st April 2012 (11th meeting).
- The Academic Council held three meetings during the year on 22nd May 2011 (4th meeting), 23rd September 2011 (5th meeting) and 25th January 2012 (6th meeting).
- The Finance Committee held four meetings during the year on 11th June 2011 (5th meeting), 25th September 2011 (6th meeting), 25th January 2012 (7th meeting) and 21st April 2012 (8th meeting).

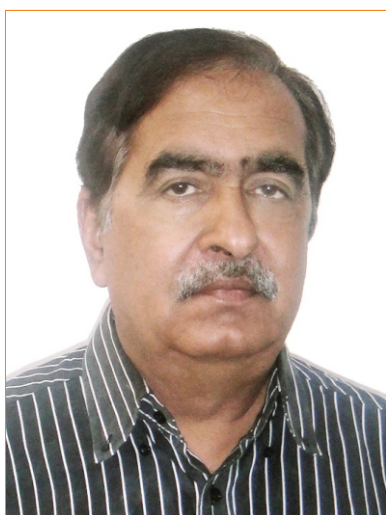


## **Building & Works Committee Meetings (June 2011-July 2012)**

- 8th Meeting of Building & Works Committee held on Saturday, the 04th June 2011 at Board Room, Central Public Works Department, Nirman Bhawan, Sector-10, Vidhyadhar Nagar, Jaipur.
- 9th Meeting of Building & Works Committee held on Monday, the 05th September 2011 at Central University of Rajasthan, Kishangarh.
- 10th Meeting of Building & Works Committee held on Tuesday, the 17th January 2012 at Board Room, Central Public Works Department, Nirman Bhawan, Sector-10, Vidhyadhar Nagar, Jaipur.
- Meeting with the ADG (CPWD) held on Thursday, the 7th June 2012 at Central University of Rajasthan, Bandarsindri.

## Officers of the University

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**Dr. K.M. Hironi**  
Registrar  
Tenure May 01, 2010  
to till date



**Shri Bachan Lal** (IA & AS)  
OSD (Finance)  
Tenure December 13, 2010  
to till date



**Prof. N. V. Thakkar**  
OSD (Academics)  
Tenure May 1, 2010  
to September 30, 2011



**Prof. K.C. Sharma**  
OSD (Academics)  
Tenure October 01, 2011  
to February 29, 2012



**Prof. H. J. Vaman**  
OSD (Academics)  
Tenure March 01, 2012  
to till date



## New Members in CURAJ Family

### Teaching Staff

#### Department of Chemistry



Prof. R. T. Pardasani  
Professor and Head



Dr. Raghu Chitta  
Assistant Professor



Dr. Eshwar Srinivasan  
Assistant Professor



Dr. Srinivasarao Yaragorla  
Assistant Professor

#### Department of Computer Science



Dr. Mamta Rani  
Associate Professor and Head



Dr. Nishtha Kesswani  
Assistant Professor



Dr. Nagaraju Aitha  
Assistant Professor



## Department of Computer Science and Engineering



Mr. Ravi Saharan  
Assistant Professor



Mr. Gaurav Somani  
Assistant Professor

## Department of Economics



Dr. Anurag Asawa  
Assistant Professor



Dr. Ranjan Aneja  
Assistant Professor



Dr. Ummed Singh  
Assistant Professor

## Department of English



Dr. Bhumika Sharma  
Assistant Professor



Dr. Neha Arora  
Assistant Professor



Mr. Devendra Rankawat  
Assistant Professor

## Department of Management



Dr. M.R.P. Singh  
Associate Professor



Dr. Sanjay Kumar Garg  
Assistant Professor



Ms. Tulsee Giri Goswami  
Assistant Professor

## **Department of Mathematics**



Dr. A. P. Singh  
Professor and Head



Dr. D.C. Sharma  
Associate Professor



Dr. J.K. Prajapat  
Associate Professor



Dr. Amit Chakraborty  
Assistant Professor

## **Department of Statistics**



Mr. Deepesh Bhati  
Assistant Professor



Mr. Sanjay Kumar  
Assistant Professor

## New Members in CURAJ Family

### Non-Teaching Staff



Mr. Santosh Kumar Srivastava  
Deputy Registrar (F)



Dr. Hari Singh Parihar  
Deputy Registrar (Estt.)



Ms. Sobhagyawati Gupta  
Assistant Librarian



Mr. Rajneesh Mishra  
Assistant Registrar



Dr. Suresh Chandra Sharma  
Assistant Registrar



Ms. Anuradha Mittal  
Public Relations Officer



Mr. Pratish Kumar Das  
Hindi Officer



Mr. Ramesh Singh Solanki  
Section Officer



Mr. Shyam Singh  
Section Officer





Ms. Kavita Jesrani  
Private Secretary



Mr. Manoj Kumar Indoria  
Private Secretary



Mr. Ashish Kumar Gupta  
Private Secretary



Mr. Praveen Solanki  
Assistant



Mr. Pradeep Kumar Garg  
Assistant



Mr. Shiv Kumar  
Assistant



Mr. Gaurav Sharma  
Assistant



Mr. Jaipal Singh Chauhan  
Semi Professional Assistant



Mr. Sanjay Joshi  
Technical Assistant



Mr. Naresh Kumar Mangal  
Technical Assistant



Ms. Neha Bajaj  
Upper Division Clerk



Mr. Akash Kumawat  
Upper Division Clerk



Ms. Pratima Chattraj  
Upper Division Clerk



Mr. Virendra Kumar Pareek  
Upper Division Clerk



Mr. Vivek Vyas  
Laboratory Assistant



Mr. Alok Sharma  
Laboratory Assistant



Mr. Amit Kumar Jhamb  
Laboratory Assistant



Ms. Ruchi Kalani  
Lower Division Clerk



Mr. Dilip Raichandani  
Hindi Typist



Mr. Girraj Prasad Sharma  
Care Taker



Mr. Rajveer Singh  
Cook



Mr. Gourav Sukhwal  
Driver



Mr. Sanjay Kumar Sharma  
Driver



Mr. Navin Kumar Sharma  
Driver



Mr. Vimal Kumar Jain  
Laboratory Attendant



Mr. Dashrath Kumar Sharma  
Laboratory Attendant



Mr. Sourabh Sharma  
Laboratory Attendant



Mr. Vinod Sharma  
Library Attendant



Mr. Ganpat Lal Solanki  
Office Attendant/Peon



Mr. Anshu Sharma  
Office Attendant/Peon



Mr. Mangal Chand Dhanka  
Office Attendant/Peon



Mr. Sagar Mal Gurjar  
Office Attendant/Peon



## Induction Programme 2011-12

The Induction Programme for the newly admitted students of Fourteen Programmes viz. M.A. English, M.A. Hindi, M.B.A., M.Sc. Chemistry, M. Tech. Computer Science and Engineering, M.Sc. Computer Science, M.A. / M.Sc. Statistics, M. Sc. Tech. Mathematics, M. Arch., M.Sc. Biotechnology, M.Sc. Environmental Science, M.Sc. Physics, M.A. Culture and Media Studies, M.A. Economics was organized on 1st August 2011 at 10:00 AM in the Seminar Hall, Central University of Rajasthan, Kishangarh Campus.



Hon'ble Vice Chancellor Prof. M. M. Salunkhe in conversation with the students during the Induction Programme

Mr. Rakesh Hooja (IAS), a prolific writer and a well known sociologist was the Chief Guest of the programme. Mr. Anil Pawar, Director, Indian Council for Cultural Relations (ICCR), Jaipur was the Guest of Honour. Hon'ble Vice Chancellor along with the guests lighted the lamp and presided over the programme.



Hon'ble Vice Chancellor Prof. M. M. Salunkhe presenting a memento to the Chief Guest Mr. Rakesh Hooja (IAS)



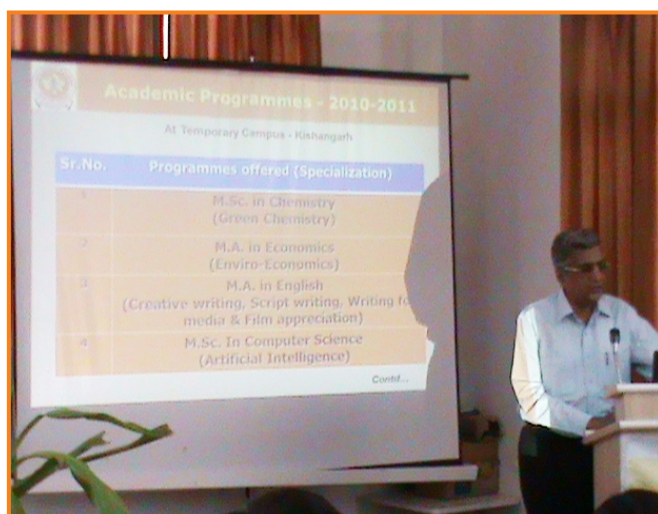
Hon'ble Vice Chancellor Prof. M. M. Salunkhe presenting a memento to the Guest of Honour Mr. Anil Pawar



The Chief Guest Mr. Rakesh Hooja congratulated the University for its growth within the short span of a year and stressed the need for good higher education in the present scenario.

Mr. Anil Pawar, Director, Indian Council for Cultural Relations, Jaipur highlighted the need of exchange among the Universities in terms of educating the students about the culture.

The Hon'ble Vice Chancellor of the University, Prof. M. M. Salunkhe presided over the programme and addressed the students and explained the importance of higher education, moral values and discipline for the all round development of the students and the importance of their role in the growth of society. The induction programme was followed by interaction of the experts with respective students and lunch. All invited guests were presented with memento by the University. Regular classes started from the very next day in full swing.



OSD (A) Prof. N. V. Thakkar giving a presentation to the students



Students during the Induction Programme



Students actively listening to the experts during the Induction Programme



## Salient Features of the Academic Programmes

- Excellent infrastructure with minimal fee structure
- Admission on All-India basis through Common Entrance Test
- All academic programmes unique in nature with high job potential
- Only 20-30 seats in each PG programme
- Semester System
- Choice based Credit System with Credit Transfer Grading System
- Bridge Courses
- Continuous Evaluation
- Tutorials, Assignments, Tea-with-Guest Programmes, Case Studies, Quiz and Seminars in each subject
- Fully qualified and experienced faculty
- National and International collaborations
- Regular feedback from students
- State-of-the-Art technology-enabled teaching methodology
- Excellent lab facilities & smart class rooms
- Encouragement to attend Public Lectures / Seminars / Conferences
- 1 Gbps High – speed Wi-Fi Internet Connectivity
- Centralized extensive Library facilities in all subjects with “LIBSYS” software
- Access to all leading National / International e-journals
- AICTE approved MBA, M. Tech, M. Arch & M. Pharm. courses

## Fee Structure

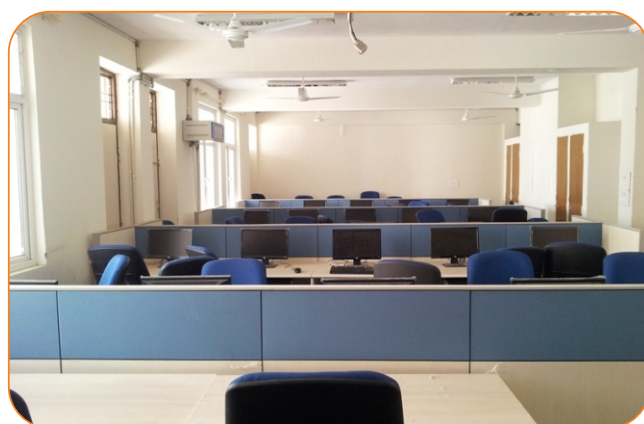
The fee structure for the fourteen PG programmes was kept minimal to make it affordable to the students from even weaker sections.

Course Fee (per semester)**	Hostel Fee (per semester)***	
M.B.A. / M. Tech. (Computer Science and Engg.)*, M. Architecture *	Rs. 7250.00	Rs. 1800.00
All other M.Sc. /M.A. /M.Sc. Tech. Programmes	Rs. 2600.00	Rs. 1800.00
* Sponsored candidates for M.Tech. (Comp. Sc. & Engg.)/ M.Arch. will have to pay one -time amount of Rs. 50,000/- .		
** + Rs. 1000 /- Deposits (Refundable) at the time of Registration.		
*** + Rs. 1500 /- Hostel mess advance. Mess charges payable on actual basis.		



## Facilities of the University

- Technology endowed modern / smart class rooms
- Computer laboratories with internet facility
- Fully furnished laboratories
- Video conferencing facility
- Access to UGC-Inflibnet Consortium
- Separate boys and girls hostels with Wi-Fi/Internet connectivity
- Language laboratories
- Sports facilities
- Canteen / Mess facilities
- Transport facility
- Ambulance facility
- Bank facility





## Schools, Departments and Academic Programmes

During the year six more PG programmes were launched in the academic session 2011-12 along with six PG programmes launched in the year 2010-11 and two PG programmes introduced in the year 2009-10. The classes commenced at the temporary campus of the University, Shri Ratanlal Kanwarlal Patni Govt. P.G. College, Kishangarh, District Ajmer from July, 2010. From January 2012, the classes for all fourteen PG programs commenced from the permanent campus at Bandarsindri. These programmes are as follows:

School of Architecture	<ul style="list-style-type: none"><li>• M. Arch.</li></ul>
School of Chemical Sciences and Pharmacy	<ul style="list-style-type: none"><li>• M.Sc. Chemistry</li></ul>
School of Commerce and Management	<ul style="list-style-type: none"><li>• M.B.A.</li></ul>
School of Earth Sciences	<ul style="list-style-type: none"><li>• M.Sc. Environmental Science</li></ul>
School of Engineering and Technology	<ul style="list-style-type: none"><li>• M. Tech. Computer Science and Engineering</li></ul>
School of Humanities and Languages	<ul style="list-style-type: none"><li>• M.A. English</li><li>• M.A. Hindi</li></ul>
School of Life Sciences	<ul style="list-style-type: none"><li>• M.Sc. Biotechnology</li></ul>
School of Mathematics, Statistics and Computational Sciences	<ul style="list-style-type: none"><li>• M.Sc. Computer Science</li><li>• M.A. / M.Sc. Statistics</li><li>• M. Sc. Tech Mathematics</li></ul>
School of Physical Sciences	<ul style="list-style-type: none"><li>• M.Sc. Physics</li></ul>
School of Social Sciences	<ul style="list-style-type: none"><li>• M.A. Culture and Media Studies</li><li>• M.A. Economics</li></ul>





# Schools And Departments

## School of Architecture

Name of the Department: Architecture

Name of the Programme: M.Arch.

Student Intake: 20

Duration: Four Semesters (2 Years)



### Objectives of the Programme:

- As governments and societies are becoming more environmentally conscious, architects and planners are beginning to have greater concern about the built environment and its long term viability. Given the need for conserving natural resources and to save environment, expectations from professionals have increased manifold. Sustainability is, thus a critical concept and direction for the future architects and planners. However, quite often, sustainable architecture practice is guided by architects who have not been formally trained in environment and sustainable development. With this background, this course aims to impart an understanding of issues related to sustainable development, especially in Indian context, that have implications on design of buildings and neighbourhoods. The course will familiarize students with current perspectives related to sustainability in built environment and help them analyze challenges and opportunities for sustainable architecture. This course offers a general review of concepts and principles of sustainable development and presents the idea of sustainability as a paradigm change in the architectural design field. It gives a preview to the practices, strategies and implementation processes that shape sustainable architecture.



Students presenting their studio work to external jury members

### Faculty:

- Ar. Ritu. B. Rai, Associate Professor  
Area of Interest: Urban Design, Water front Development, Sustainable Neighbourhood
- Ar. Vivekanad Tiwari, Assistant Professor  
Area of Interest: Integrated Watershed Management, Environmental Planning

### Date of shifting at Permanent Campus, Bandarsindri:

- 29th August, 2011

### Major equipments acquired in the department during the year:

- To establish Drafting Studio, the department has procured adjustable drafting tables, drafting boards along with drafting scales and LCD Projector.
- Department has procured following software & equipments: Autodesk Master Suite 2012 Version,

Adobe CS5 Master Suite and A0 Plotter cum Scanner.

**Guest lectures:**

- Dr. N.N Shinde on Technologies for Renewable Energy.
- Dr. Sanjay Palnitkar on Waste Management.
- Prof. Neeraj Gupta, on Sytem Management.
- Dr. Sudhir Mathur on Building Services.
- Ar. Pushpak Pandit on Kishangarh Study.

**Seminars/Conferences/Other Activities conducted in the department:**

- Department organised a workshop on Building Physics with Dr. Sanjay Prakash.

**Presentations and Participation in Conferences / Workshops / Seminars by Faculty:**

- Ar. Ritu B. Rai and Ar. Vivekanand Tiwari delivered expert lectures in training programme of Institute of Development Management, Jaipur on urban water front and urban watershed management.
- Working for State Commission of Urbanization, Rajasthan for the study of future urban form, urban pattern, and urbanization in context of Rajasthan.
- Attended the training programme of GRIHA (Green Rating for Integrated Habitat Assessment) at MNIT Jaipur.
- Ar. Ritu B. Rai attended the National Conference on Green Design organized by TERI, CPWD and GRIHA (Green Rating for Integrated Habitat Assessment), at New Delhi.
- Ar. Ritu B. Rai and Ar. Vivekanand Tiwari are working as Technical Committee members to finalize the CURaj Master Plan and Building Designs.



Ar. Sanjay Prakash with the faculty and students at the workshop in CURAJ

**Achievements of the students (Prizes / Scholarships / Professional exams cleared etc):**

- Second prize for folk song in group category: All second semester students.
- Second prize for Chess competition: Kumud Mukerjee.
- Best group of the event: Department of Architecture along with M.Tech and Management.

**Extra Curricular Activities (Sports, Cultural Activities, Tours etc.):**

- Regular field visit to old city of Kishangarh.
- A field visit to Sewage Treatment Plant, Jaipur, on 12th March 2012.
- A field visit to Geological Museum, Department of Mines and Minerals, Ajmer, on 20th September 2011.

**Placement Status:**

100% Summer Training for 2nd semester students.



## School of Chemical Sciences & Pharmacy

Name of the Department: Chemistry  
Name of the Programme: M.Sc. Chemistry  
Student Intake: 20  
Duration: Four Semesters (2 Years)



### Objectives of the Programme:

- A holistic approach in training the students.
- Providing a research flavor to the courses.
- Encouraging the students to aspire for a research career.
- Creating awareness on environmental impact.
- Imparting the values of sustainable development through the 2-year M. Sc. Green Chemistry programme.

### Faculty:

- Prof. (Dr.) M.L. Sharma, Professor  
Area of interest: Organic synthesis
- Dr. Raghu Chitta, Assistant Professor  
Area of interest: Artificial photosynthesis, Water oxidation, Nanotechnology and Chemosensors
- Dr. Easwar Srinivasan, Assistant Professor  
Area of interest: Organocatalysis, natural product synthesis, asymmetric synthesis
- Dr. Aparna Ganguly, Assistant Professor  
Area of interest: Surfactant assemblies, Control of size and shape, synthesis of materials with novel properties, magnetic and porous oxides etc
- Dr. Md. Harunar Rashid, Assistant Professor  
Area of interest: Greener methodology for nanoparticles synthesis, surface engineering of nanoparticles, application of nanoparticles in emerging areas

### Date of shifting at Permanent Campus, Bandarsindri:

- 29th February, 2012

### Departmental Activities:

- Chhavi Prakash Saini and Mukesh Kumar, M.Sc. IV Semester students visited Vivekanand Kendra Vidhalay, Arunachal Pradesh as volunteers for teaching Chemistry to XI and XII students for a week during the winter vacation in December 2011.
- Sohan Lal and Chhavi Prakash of IV Semester attended NMR workshop at Central University of Gujarat, Ahmedabad held on 9th January, 2012.
- Sohan Lal of IV Semester attended "Frontier Excellence in Photovoltaic Cell – Solar Cell & Dye Sensitized Solar Cell" held at IIT Mumbai during 15th – 17th, January, 2012.

### Major equipments acquired in the department during the year:

- Gas Chromatograph; Polarimeter; Fluorescence Spectrophotometer; Atomic Absorbance Spectrophotometer; IR Spectrophotometer; UV Spectrophotometer; High sensitivity electronic balance.



**Guest lectures conducted in the department:**

- Prof. M. S. Wadia – University of Pune; Topic – Spectroscopy.
- Prof. Mathur – Director, IIT Indore; Topic – Organometallics and Catalysis.
- Prof. Claudius D'Silva – UGC Encore fellow from Manchester Metropolitan University, U.K.; Topic – Polymer Chemistry.
- Prof. Ram Mohan – Illinois Wesleyan University; Topic – Recent Developments in Green Chemistry.
- Dr. Indresh Kumar, Shri Mata Vaishno Devi University.
- Dr. Ashootosh Ambade – N.C.L. Pune; Topic – Polymer Chemistry.
- Dr. Sudhakar Marur, Dr. Subramanyam Santhanam, Dr. Krishnaswami Srinivasan, Dr. Debankur Bandhopadhyay – GE Global Research, Bengaluru; Topic – Intellectual Property Rights.

**Seminars/Conferences/Other Activities conducted in the department:**

- International Conference on Green Chemistry – ICGC 2011; Dec 7 – 9, 2011, Jaipur.

**Presentations and Participation in Conferences / Workshops / Seminars by Faculty:**

- Prof. M. L. Sharma participated in the International Conference on Innovations in Chemistry for Sustainable Development at Punjab University, Chandigarh and chaired a session.
- Dr. Md. H. Rashid gave an oral presentation in the International Conference on Nanoscience and Nanotechnology, Jan 20 – 23, 2012, Hyderabad.

**Achievements of the students (Prizes / Scholarships / Professional exams cleared etc):**

- Ravindra Prajapati cleared the National Eligibility Test (NET) conducted jointly by CSIR – UGC and is qualified for Junior Research Fellowship from CSIR.
- Sohan Lal qualified the GATE Fellowship Test.
- Sohan Lal won the “Best Poster Presentation” award in the “National Conference on Omics in Biotechnology” at Central University of Rajasthan, February 22nd-23rd, 2012.



Students with the guests at the International Conference on Green Chemistry in Jaipur from Dec 7 – 9, 2011

**Extra Curricular Activities (Sports, Cultural Activities, Tours etc.):**

- Disha Soni, Sonu Soni and Priyanka Meena participated in the Inter-West Zonal Volleyball Tournament held at Sant Gadge Baba Amaravati University, Amaravati, Maharashtra during October-November 2011.
- Ramavtar Meena, Sohan Lal, Arvind Yadav, Chhavi Prakash, Narasimha and Sreenivasulu participated in the North Zone Kabaddi Tournament held at Barkatulla University, Bhopal, Madhya Pradesh during November 2011.
- Hiteshwar and Arun Kumar participated in the North Zone Cricket Tournament held at Barkatulla University, Bhopal, Madhya Pradesh during November 2011.



**Placement Status:**

- Seema Sharma, Anita Kumari Dhaka & Meeta Bhati of second semester has been selected for summer internship in reputed Institutes like NCL Pune, University of Hyderabad, IISER Kolkata etc under the Indian Academy of Sciences fellowship.
- Gangam Srikanth has been selected for summer internship at the University of Hyderabad under the UGC Networking Centre scheme.
- Rajesh Kumar Meena has been selected for summer internship program at CEERI, Pilani. Department of Chemistry, Punjab University has already consented to accommodate the rest of the second semester students for summer internship.

**Syllabus Committee Meetings:**

- M.Sc. Chemistry Syllabus Review; 7 – 8 December, 2011
- M.Pharm. program Syllabus Design; 8 – 10 April, 2012
- Ph.D. coursework Syllabus Design; 24 – 25 April, 2012



## School of Commerce and Management

Name of the Department: Management Studies

Name of the Programme: MBA

Student Intake: 30

Duration: Four Semesters (2 Years)



### Objectives of the Programme:

- To empower students as leaders who can create innovative strategies and execute them.
- To develop skills in successfully initiating, expanding and diversifying a business enterprise in new up-coming areas.
- To provide students with the required tools for decision-making and data analysis.
- To improve students' managerial skills through the use of case studies.
- To teach students the techniques and tools useful for financial analysis and control in today's business climate.
- To impart students the skills and knowledge required to ethically manage the business.
- To develop each student's strategic thinking.
- To develop family business successors as enterprising and knowledgeable owners of the business of their forefathers.

### Faculty:

- Prof. Suresh Deman, Professor and Head  
Area of Interest: Game Theory, Finance, Econometrics, Research Methodology & Mergers and Acquisitions
- Dr. Maithili R.P. Singh, Associate Professor  
Area of Interest: Marketing & General Management
- Dr. Sanjay Kumar Garg, Assistant Professor  
Area of Interest: Finance, Accounts & Quantitative Techniques
- Ms. Kavita Meena, Assistant Professor  
Area of Interest: Human Resource Management, Marketing, Entrepreneurship and General Management
- Ms. Garima Bardia, Assistant Professor  
Area of Interest: Organisational Behaviour, Human Resource Development, Marketing & Entrepreneurship
- Ms. Tulsee Giri Goswami, Assistant Professor  
Area of Interest: Human Resource Management & Development, Organizational Behaviour, General Management

### Date of shifting at Permanent Campus, Bandarsindri:

- 26<sup>th</sup> August, 2011

### Departmental Activities:

- Film Screening- Corporate on 14-10-2011, Documentary Screening- Ascent to Money on 12-13 December, 2011.



**Guest lectures conducted in the department:**

- IG Police Ajmer Mr. Rajesh Nirvana.
- Dr. R.K. Mishra, Director IPE, Hyderabad.
- Mr. Madhav Singh, Entrepreneur, Jaipur, on 2-22 March, 2012.
- Prof. P.K. Chaubey, IIPA, New Delhi, 11th April, 2012.
- Prof. Vipin Gupta, Professor & Head, California State University, on 18th April, 2012.
- Prof. M.M. Salunkhe, Hon'ble Vice Chancellor of Central University of Rajasthan.



Guests, faculty and students at the International Symposium on Game Theory

**Seminars/Conferences/Other Activities conducted in the department:**

- International Symposium on Game theory: Teaching and Applications on 16<sup>th</sup> February, 2012.

**Presentations and Participation in Conferences / Workshops / Seminars by Faculty:**

Prof. Suresh Deman

- Key Note Speaker & Member International Advisory Committee, International Conference in Honour of Prof. C.R. Rao on Application of Game theory to Decision & Policies, held at Marriott Hotel, Jointly Sponsored by IPE, CRRAO AIMSCS, University of Hyderabad, Central University of Rajasthan on 12<sup>th</sup> to 14<sup>th</sup> December 2011.
- Organiser & Key Note Speaker & Member International Advisory Committee, International Conference in Honor of Prof CR Rao on Application of Game: Teaching & Applications, held at CURaj, Bandarsindri, 16<sup>th</sup> December 2011.
- Guest of Honor, 3<sup>rd</sup> International Conference on Corporate Governance, IPE Hyderabad 28-29 November 2011.
- Invited to give valedictory address to Business Executives of Public Enterprises, 2011.
- Guest Speaker & Chair of Doctoral Colloquium in Millennium Development Goal held at the Institute of Public Enterprise, Osmania University Hyderabad 2011.
- Elected Member of Indian Econometric Society 2008 & 2011.
- Key Note Speaker, Chair and a Member International Advisory Committee and Chair, International Conference on Game theory & Applications to Operations Research, Organised by Centre for Mathematics, ISI Chennai, on 4-6 January 2012.
- Panelist for INDIAN ECONOMETRICS SOCIETY (TIES) 2011 HELD IN INDORE, 6-8 January 2011, "CR Rao's Contribution to Econometrics" by TK Krishna Kumar, HD Vinod & S Deman.
- Guest of Honour, International Board Convention, Hotel Merriden Delhi, 8-9 February 2012.
- Member of the UNEP/UNCTAD Expert Group Panel & Lectured at LSE.
- Presented a paper entitled "Game of Land Management" at an International Conference on Game Theory & Management held on 27-29 June 2012 in St. Petersburg, Russia.



Dr. M.R.P. Singh

- National Workshop on 'e-Governance-2011' sponsored by Department of Information Technology, Ministry of Communication & Information Technology, Govt. of India at Department of Computer Sc. & Engineering, Central University of Rajasthan, Kishangarh, Ajmer, Rajasthan, India, (December 20, 2011).
- National Seminar on 'Emerging Trends & Opportunities in Changing Business Environment' at department of Management Studies, SKIT Jaipur from 2<sup>nd</sup> to 3<sup>rd</sup> December 2011.
- National Seminar on 'Role of the State in the Social Sector of the Economy' at University Commerce College, University of Rajasthan, Jaipur, Rajasthan, India (November 26-27, 2011).
- National Conference on 'Environmental Pollution, Restoration and Management' jointly organized by Govt. College of Engineering & Technology, Bikaner and Rajasthan Education and Research Development Society, Jaipur, Rajasthan, India (November 20, 2011).
- International Conference on 'Economics and Business: Analysis and Applications- EBAA-2011' at Dayalbagh Educational Institute (Deemed University), Dayalbagh, Agra, India (Nov. 12-13, 2011).
- National Seminar on 'Value Based Education in National Context' sponsored by UGC & Central University of Rajasthan at R.K. Patni Govt. P.G. College, Kishangarh, Ajmer, Rajasthan, India, (October 20-21, 2011).
- National Workshop on 'Climate Change: Adaptation and Mitigation for Sustainable Development' at Department of Environment Science, Central University of Rajasthan, Kishangarh, Ajmer, Rajasthan, India, (Oct. 10-11, 2011).

Dr. Sanjay Kumar Garg

- Attended one day "National Workshop on e- Governance" organized by Central University of Rajasthan on 20<sup>th</sup> December, 2011.
- Organized one day "International Symposium on Game theory: Teaching & Applications" as Joint Organizing Secretary at Central University of Rajasthan, Kishangarh on 16<sup>th</sup> December, 2011.
- Presented a paper titled "Implementation of IFRS in Indian Companies : Impact and Challenges" in International Seminar on Accounting Education and Research organized by Department of Accounting & Business Statistics, University of Rajasthan, Jaipur on 17<sup>th</sup>-18<sup>th</sup> December, 2011.
- Presented a paper titled "Start of Derivative trading in India: Use of various hedging strategies and their effectiveness" in International Conference on Application of Game theory in Policies and Decisions organized by Institute of Public enterprise, Hyderabad on 12<sup>th</sup>-13<sup>th</sup> December, 2011.
- Attended one day Faculty Development Programme on Structure Equation Modeling with the help of SPSS / AMOS at Jaipuria Institute of Management, Jaipur on 2<sup>nd</sup> December, 2011.
- Presented a paper titled "Role of State on Microfinance Sector : A case study of Andhra Pradesh" in National Seminar on Role of the State in the Social Sector of the Economy organized by University Commerce College, University of Rajasthan, Jaipur on 26<sup>th</sup>-27<sup>th</sup> November, 2011.
- Presented a paper titled "Behind the boom: What led the Entrepreneurial Fire in India" in International Conference on Economics & Business: Analysis and Application organized by Dayalbagh Educational Institute on 12<sup>th</sup>-13<sup>th</sup> November, 2011.
- Attended two days Faculty Development Programme on Time Series Econometrics using E-View at Jaipuria Institute of Management, Jaipur on 4<sup>th</sup>-5<sup>th</sup> November, 2011.
- Presented a paper titled "Future of Management education in India" in National Conference on Value based Education in National Context organized by Shri R.K. Patni Government P.G. College, Kishangarh on 20<sup>th</sup>-21<sup>st</sup> October, 2011.

Ms. Kavita Meena

- "International Conference on Contemporary Innovative Practices in Management" at Pacific

Academy of Higher Education and Research University, Udaipur.

- “International Conference on India in an era of global uncertainties: issues, opportunities and challenges” on April 7, 2012 at Gyan Jyoti Institute of Management and Technology, Mohali on 13<sup>th</sup> - 14<sup>th</sup> April, 2012.
- Paper titled “Study of consumer attitude towards convenience food : a case of bambino instant mix products” presented in the “National Research Paper Competition ” at Bharati Vidyapeeth University, Institute of Management and Research, New Delhi on 17<sup>th</sup> March, 2012.
- “National Seminar on Emerging Trends and Opportunities in Changing Business Environment” organized by Swami Keshvanand Institute of Technology & Management on 2<sup>nd</sup> -3<sup>rd</sup> December, 2011.
- “International Symposium on Game Theory: Teaching and Applications” organized by Central University of Rajasthan on 16<sup>th</sup> December, 2011.
- “International Conference on Economics and Business: Analysis and Applications” organized by Dayalbagh University in Agra on 12<sup>th</sup> - 13<sup>th</sup> November, 2011.

Ms. Garima Bardia

- International Conference on Contemporary Innovative Practices in Management at Pacific Academy of Higher Education and Research University, Udaipur on 13<sup>th</sup> -14<sup>th</sup> April, 2012.
- “International Symposium on Game Theory: Teaching and Applications” organized by Central University of Rajasthan on 16<sup>th</sup> February, 2012.
- “National Seminar on Emerging Trends and Opportunities in Changing Business Environment” organized by Swami Keshvanand Institute of Technology & Management on 2<sup>nd</sup> -3<sup>rd</sup> December, 2011.
- Presented paper in “International Conference on New Horizons of Entrepreneurial Development” organized by Biyani College for Girls, Jaipur on 26<sup>th</sup> -27<sup>th</sup> November, 2011.
- “Professional Workshop on Management Science & Systems: Opportunities, Challenges & Responses” organized by Management Development Academy in collaboration with R. A. Podar Institute of Management, Jaipur.
- “International Conference on Competition and Competitiveness of the Global Corporate Sector” organized by Srusti Academy of Management in Bhuvaneshwar on 18<sup>th</sup> -19<sup>th</sup> November, 2011.
- “International Conference on Economics and Business: Analysis and Applications” organized by Dayalbagh University in Agra on 12<sup>th</sup> -13<sup>th</sup> November, 2011.
- Workshop on “Talent Edge: Industry-Institute Interface” organized by National HRD Network in IIHRM, Jaipur on 24<sup>th</sup> September, 2011.



Faculty and students from the Department of Management

#### **Achievements of the students (Prizes / Scholarships / Professional exams cleared etc):**

- Abhishek Panday & Sourabh Jain won 2<sup>nd</sup> prize in 27<sup>th</sup> West Zone Youth Festival organised by Association of Indian Universities & Ministry of Youth affairs, GOI held in MLSU, Udaipur.
- Bharti Sharma cleared four modules on NSE's certification in financial markets.





- Ritesh Dudi (MBA 4<sup>th</sup> Semester) selected as Assistant Commandant, Seema Shashtra Bal, Ministry of Home Affairs.
- Sunita Godara cleared the exam of Commercial Assistant of Jaipur Vidyut Vitran Nigam Limited, Jaipur.
- Four students namely Bharti Sharma, Bhupendra Kataria and Krishnakant cleared UGC-NET in first attempt and Sunita Godara cleared UGC-NET with JRF in June 2012.

**Extra Curricular Activities (Sports, Cultural Activities, Tours etc.):**

- One day visit to Tilonia Village on 24<sup>th</sup> February, 2012.
- One day visit to RSWM Gulabpura on 4<sup>th</sup> April, 2012.
- Joint Bi-weekly Seminar organised by Department of Management & Economics: First Lecture delivered by Prof. Suresh Deman on Global Financial Crises: Beyond Neo-Classical Economics on 23<sup>rd</sup> March, 2012.

**Placement Status:**

- Bharti Sharma & Swati Goyal selected as Management Trainee in Genpact, Jaipur.
- Mukesh Kumawat selected as Management trainee in Shree Cements Ltd, Beawar.
- Nikhil Ganjoo & Astha Tak selected as Management Trainee in Bajaj Capital Ltd., Jaipur.
- Bhavya Soni selected as Director in Muskaan Foundation, Jaipur.
- Ritesh Dudi selected as Assistant Commandant in Seema Sashtra Bal, Ministry of Home affairs, New Delhi.
- Sunita Godara selected as Commercial Assistant in Jaipur Vidyut Nigam Ltd, Jaipur.
- 19 students shortlisted in various companies like Shree cements, Muthoot Fincorp, Bajaj Life Insurance, ING Vysya, Baja Capital, ICICI Prudential Life Insurance, Systema IT, Metacube software etc.
- Sanjeet Kumar & Om Prakash has been selected as Business Development Executive by Nexus Business Solution, Noida.
- 15 students have been selected as sales officer / Wealth Management Consultant by Customer First Pvt. Ltd, New Delhi.



## School of Earth Science

Name of the Department: Environmental Science  
Name of the Programme: M.Sc. (Environmental Science)  
Student Intake: 20  
Duration: Four Semesters (2 Years)



### Objectives of the Programme:

- To impart knowledge on environmental problems of regional and global scale.
- To train the students for scientific analyses of environmental components for critical understanding, efficient environmental decision-making and management.
- To prepare them for global competence for career options in education, research, industries, consultancy, environmental journalism etc.
- To understand the impacts of climate change to develop mitigation strategies.
- To prepare students for designing, conducting independent research in the area of their interest.
- To sensitize students towards developing the earth as a green planet for a clean habitat for all living forms.

### Faculty:

- Prof. K.C. Sharma, Professor and Head  
Area of Interest: Biodiversity; Aravali Ecosystem & Arid zone Ecology; Environmental Impact Assessment; Water Quality; Fluoride hazards
- Dr. Devesh Sharma, Assistant Professor  
Area of Interest: Water Resources Modelling and Management; Hydrology; Watershed Management; Climate Change and Water Resources
- Dr. Alok Kumar Srivastav, Assistant Professor  
Area of Interest: Noise Pollution, Air Pollution, Atmospheric Sciences
- Dr. Garima Kaushik, Assistant Professor  
Area of Interest: Bioremediation, Wastewater Treatment, Biomedical Waste Management

### Date of shifting at Permanent Campus, Bandarsindri:

- 03rd February, 2012

### Departmental Activities:

- Setting of environmental laboratories: Environmental analysis, Air monitoring, remote sensing and GIS.
- Specialized training course on remote sensing and application from 16th -18th April, 2012.
- Arranged training programme for students by Envirotec Instruments Pvt Ltd. on air quality monitoring equipments.
- Arranged training programme for students by Systronic (India) Pvt Ltd. on soil and water quality analysis kit.
- A project proposal has submitted to SIDA in collaboration with SMHI (Swedish Meteorology and Hydrology Institute).
- In the process of preparation of project proposal in collaboration with IIT Rajasthan on project entitled "Impact of Climate Change on Water Resources of Luni River Basin."

- Formulation of Ph.D. course work.

**Major equipments acquired in the department during the year:**

- Respirable Dust High Volume Sampler; Gaseous Pollutants sampler; Noise level meter; Organic Vapor Sampler; Personal Sampler with cyclone attachment; Handy Sampler; Digital Balanced Cell Colorimeter; Leaf Area Meter; Digital pH Meter; Visible Double Beam Spectrometer; Turbidity Meter; Moisture Analyzers; Water and Soil analysis kit; Flame photometer; Microscope Bionocular with photographic attachment; Water analyser; Magnetic stirrer with hot plate; BOD incubator; Water bath shaker; Hot air oven; Weighting balances; Centrifuge machine; Incubator shaker; Digital colony counter; Ambient Air Quality Monitoring System; Automatic Weather station; Remote Sensing and GIS softwares (ArcGIS, ERDAS IMAGINE).

**Guest lectures conducted in the department:**

- Dr. Sanjay Palnitkar on waste water engineering devices on 9th April 2012.
- Prof. V K Jain, JNU, New Delhi on air pollution control technologies on 19th-20th April, 2011 and 6th September, 2011.
- Prof. M.K. Pandit, Department of Geology, Rajasthan University, on 20th September 2011.
- Prof. P.P. Bakre, Mahatma Gandhi Institute of Science and Technology, Jaipur, on 26th September 2011.
- Dr. Zhalem Kanhere as guest faculty, Department of Environmental Science, Central University of Rajasthan.



World Forest Day and World Water Day Celebration with the students of Govt School, Mundoti

**Seminars/Conferences/Other Activities conducted in the department:**

- World Forest Day/ World Water Day were celebrated with the school students of Mundoti village in the University Campus on 22 March 2012.
- Department organized two days National Workshop on Climate Change: Adaptation and Mitigation for Sustainable Development on 10 & 11 October, 2011.

**Presentations and Participation in Conferences / Workshops / Seminars by Faculty:**

- Sharma, D. (2011). Presented a paper on "Assessing the impact of climate change on water balance of the Amu Darya River, Afghanistan". International Conference on Green Chemistry, School of Chemical Sciences and Pharmacy, Central University of Rajasthan, December 9-11.
- Kaushik, G. (2011). Presented a paper on "Bioremediation of distillery spent wash". National Conference on Environmental Degradation: Issues and Challenges, BSR Govt. Arts College, Alwar, December 9-10.
- Kaushik, G. (2011). Presented a paper on "Bioremediation of distillery waste water in a pilot scale



bioreactor". International Conference on Green Chemistry, School of Chemical Sciences and Pharmacy, Central University of Rajasthan, December 9-11.

- Srivastav Alok K, Gupta, Sandeep, Singh, Deepak, Jain, V.K. (2011). Presented a poster on the topic "Noise pollution predictive model based on multivariate linear regression method". National Seminar on Environmental Pollution and Bioremediation sponsored by UGC-DSA-SAPII and organized by School of Environmental Sciences, Jawaharlal Nehru University, New Delhi on December 28-29.
- Srivastav Alok K, Gupta, Sandeep, Singh, Deepak, Jain, V.K. (2011). Presented a poster on the topic "A study of toxic heavy metal characteristics and its source apportionment in ambient environment of Delhi". International Conference on Green Chemistry, School of Chemical Sciences and Pharmacy, Central University of Rajasthan, December 7-9.
- A. Mohanty, M. Mishra, D. Sharma, W. Ibrahimzada (2012). Assessing the hydrological impacts of Climate change on the Amu Darya River, Afghanistan. Chapter 3 in Climate Change Modeling for Local Adaptation in the Hindu Kush-Himalayan Region, Vol. 11, Emerald Group Publishing Limited, ISBN: 9781780524863, pp 33-55.
- Sharma, D. (2011). Participated in workshop on Water and Environmental Issues of Ganga River Basin Management Plan. Organized by IIT Delhi and North India Chapter of EWRI of ASCE.

#### **Achievements of the students (Prizes / Scholarships / Professional exams cleared etc):**

- Shashi Ranjan presented Poster in National Seminar on Environmental Pollution and Bioremediation, at JNU, Delhi, December 28th to 29th, 2011.
- Manoj Saini – Best Sportsman of the year 2011-12.
- Manoj Saini – Best Athlete award of year 2011-12.

#### **Extra Curricular Activities (Sports, Cultural Activities, Tours etc.):**

- Field visit to Sewage Treatment Plant, Jaipur, on 12th March 2012.
- Field visit to Coca-cola plant, Kaladera, near Jaipur, on 15th February 2012.
- Field visit to Geological Museum, Department of Mines and Minerals, Ajmer, on 20th September 2011.

#### **Placement Status:**

100% summer placement for 2nd semester students.



National Workshop on Climate Change Adaptation and Mitigation for Sustainable Development held on 10th -11th October, 2011



## School of Engineering & Technology

Name of the Department: Computer Science & Engineering

Name of the Programme: M.Tech. Computer Science & Engineering

Student Intake: 23 (18 through GATE Score plus 5 Sponsored)

Duration: Four Semesters (2 Years)



### Objectives of the Programme:

1. To prepare trained manpower needed for academics, R & D of ICT and related industries and research organizations.
2. To sensitize and train young students as future researchers in the frontier areas of information security.
3. The approach shall be both multi disciplinary and inter disciplinary.

### Faculty:

- Dr. O.P. Rishi, Associate Professor and Head  
Area of Interest: Intelligent Systems, AI Applications, Cloud Computing, CBR
- Mr. Sudesh Kumar Prajapat, Assistant Professor  
Area of Interest: Advanced Data structure, Number Theory & Applications, DBMS, UML, Theory of Automation
- Mr. Kuldeep Goswami, Assistant Professor  
Area of Interest: Mobile Computing, Complexity Algorithm, AI
- Mr. Basant Agarwal, Assistant Professor  
Area of Interest: Cryptography & Network Security, Data Mining
- Mr. Krishna Kumar Sharma, Assistant Professor  
Area of Interest: AI, Robotics, Signal Processing

### Date of shifting at Permanent Campus, Bandarsindri:

- 21st January, 2012

### Departmental Activities:

1. Research Projects:
  - Dr. O. P. Rishi submitted proposal for Incubation Centre and received a Grant Rs 155lakhs from Ministry of communication and Information Technology, Govt. of India
  - Dr. O. P. Rishi submitted proposal for community radio to department of science & Technology. Requested Grant is Rs 60 lakhs
2. Invited Lectures:
  - Prof. (Dr.) Madhavi Sinha and Prof. (Dr.) C. P.Gupta delivered lectures to the students of M. Tech. Computer Science & Engineering and M. Sc. Computer Science on December 24th, 2011.
3. Invited talks by the faculty members:
  - Dr. O.P.Rishi delivered a Lecture cloud computing at Centre for Converging Technology, University of Rajasthan, during UGC sponsored Refresher Course January 2012)
  - Dr. O.P.Rishi delivered a Lecture on intelligent systems at Centre for Converging Technology,

University of Rajasthan, during UGC sponsored Refresher Course January 2012)

- Dr. O.P. Rishi delivered a Lecture on e-governance in “National Workshop on e-Governance” organised by Central University of Rajasthan during on 20th December 2011.

### **Major equipments acquired in the department during the year:**

- New Computer Labs was established with 35 systems in January 2012 and for power backup UPS with the capacity of 20KW also purchased for the department

### **Guest lectures conducted in the department:**

- Prof. (Dr.) Madhavi Sinha delivered lecture on Scope of AI in Reserch to the students of M. Tech. Computer Science & Engineering and M. Sc. Computer Science on December 24th 2011.
- Prof. (Dr.) C. P. Gupta delivered lectures on Information Security to the students of M. Tech. Computer Science & Engineering and M. Sc. Computer Science on December 24th 2011.

### **Seminars/Conferences/Other Activities conducted in the department:**

- One day National Workshop on e-Governance, organized by Central University of Rajasthan, Kishangarh on 20 December 2011. The theme of the workshop was “Awareness and Communication Campaign for the National e-Governance Plan (NeGP)”.
- An Online Intra-University quiz competition was held on 29th March 2012 in Departmental Lab of Department of Computer Science & Engineering on C Language. This competition was conducted by Department of Computer Science & Computer Science & Engineering.



An Online Intra University Quiz Competition held on 29th March 2012

### **Presentations and Participation in Conferences / Workshops / Seminars by Faculty:**

Dr. O.P. Rishi

- Presented a paper in IEEE-International Conference on Advances in Engineering, Science and Management (ICAESM -2012) March 30-31, on Comparative Study of Risk Assessment Models Corresponding to Risk Elements.
- Attended one day International Symposium on Game Theory at Central University of Rajasthan, Kishangarh Ajmer on 16th Dec. 2011.
- Published paper on Enhanced Playout Buffer Algorithm for VoIP based Social-Network Applications in International Journal of Science Technology & Management, Vol. 2 Issue 3, July 2011, ISSN: 2229-6646 (online), PP 100-104.
- Published paper on, “Analysing the effect of Plyout Buffer Adjustment on Voice Quality for VOIP based social Network” in UACEE International Journal of Advances in Computer Networks and its Security, with is Volume 2: Issue 1, April 2012, ISSN 2250-3757, PP 105-108.

Sudesh Prajapat

- Submitted paper on MADAM ID for Intrusion Detection Using Data Mining” with Amit Kumar, Parbhjeet Kaur in International Conference on Competitiveness & Innovativeness in Engineering,