



UOK Newsletter : THE MIRROR



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In This Issue

From Vice Chancellor's Desk

Dear friends,

University of Kota, since its establishment, has been anticipating for a platform of its meritorious march on the map of national & international higher education. Finally, it has arrived, to begin show-casing its achievements & accomplishments and emerge as a leading centre of learning at a global scale. I am overwhelmed to present the University's first edition of Newsletter: "THE MIRROR".

This newsletter will provide a remarkable impression of the University in the action. It will project the building of responsible, skillful and participative global citizens, serving the society with their academically enlightened spirits. A University is an excellent setup to channelize the talent of scholar in the right direction and also to polish their personality both in global thinking and local acting. University teachers are the most important tools to sharpen the inbuilt qualities of the students. The University is the fertile ground where students experience learning, which is essential for their all-round progress. This University is fast progressing on the path of cultivating independent thinkers and culturally-aware individuals to make a difference in the global scenario. The newsletter is a

prominent sign that University is moving significantly well, both in academic and administrative directions.

The two heads can shape a scholar's skill to sustain India's great cultural heritage and establish the nation's status of "Vishva-Guru" once again. An enriched mind, acceptance of the



best in the other and enhancement of the value system, can enliven and immortalise the existence of this education pillar. The newsletter will give a concrete shape to the University's incessant contributions for the generations to come. Friends, we are at the raw stone state today but I believe that we will be recognised as the "TAJ-MAHAL" tomorrow. A bright and challenging future is waiting for us. I have strong faith in the modest, meticulous and dedicated spirit of our scholars.

उत्तिष्ठत जाग्रत प्राप्य वरान्निबोधत, क्षुरासन्न धारा निशिता दुरत्यहुर्गम
पथः तत् कवयो वदन्ति ।

(Arise! Awake! Approach the great and learn. Like the sharp edge of a razor is that path, so the wise say- hard to tread and difficult to cross)

- Katha Upanishad & popularized by Vivekananda.

Prof. P. K. Dashora

Editorial

It is my utter delight and honor that Hon'able Vice Chancellor, Prof. P.K. Dashora, entrusted me with the responsibility of bringing out the first Newsletter of the University i.e. THE MIRROR. The primary goal of this endeavor is to communicate and reflect upon the exciting and newsworthy happenings of the University's academic and extracurricular life. Similar to the mirror that needs lights to reflect objects, the achievements of the University are the real light of the Newsletter. This Newsletter is a catalyst that will enhance and leverage the academic and administrative talent of the University to create an intellectual pool. It shall integrate and formulate the very elements of the university in synchronizing the departments by integrating informations from various spheres. Consequently a holistic glimpse of the university shall emerge through the Newsletter. One of the first decisions we had to take was regarding the periodicity of the newsletter, it was decided to publish it quarterly. This issue covers the period from October, 2015 to December, 2015. One of the hallmarks of a developing university such as ours, is

Education is not to reform students or amuse them or to make them expert technicians. It is to unsettle their minds, widen their horizons, inflame their intellects, teach them to think straight, if possible.

Robert M. Hutchins

the sense of constant changes in the form of its achievements. Achievements, can also be a way to compare the progress with one another and engaging in a healthy competition. Many students have won prizes and medals in zonal and national level intellectual and sports competitions. Some of recent graduates have got very good placements in companies of good repute. A development worth reckoning! On research front, scholars and colleagues have been striving to reach newer heights by the means of publishing, in quality material & earning recognitions worldwide. ICS conferred on Prof. Ashu Rani with Prof. A.S.R. Anjaneyulu 60th Birthday Commemoration Award (2014) at Jaipur on 29 Dec., 2015. The Indian Society of Agriculture Statistics ISAS selected our University to organize their prestigious event, the 69th Annual Conference on Statistics and Informatics in Agricultural Research in our campus that was followed by regular events of Physics Department in form of Energy Meet-2015 and school on Quantum Mechanics.

Two MOU's have been signed, first between the Commerce & Management Department of the University and University of Philipines, Manila and second between JNV University, Jodhpur and our University to promote R&D activities. External cash

flow through sponsored projects by various funding agency has been on growth trajectory. The University is trying to achieve the ultimate goal: resilient progress. The editorial team gratefully acknowledges the kind cooperation of the university community for providing the necessary material and photographs for the Newsletter. Although, we have made a sincere effort to publish the first issue of the Newsletter, any error is deeply regretted. We welcome all suggestions for its improvement.

Dr. Neelu Chouhan

Academics Events

Events of the University have the colors of rainbow. They vary from academic to cultural to administrative and various other colors. The departments of the University excel in academic progress.

Patents

One patent, for generating electricity by using a piston block and few more in pipe has been approved in the name of IPR Cell, University of Kota (Nodal officer Prof. Rajeev Jain)

Memorandum of Understanding

- ❖ First memorandum of understanding between the Prof. Rajeev Jain, Head and Dean, Department of Commerce and Management of the University and



Prof. Roberto P. Laurel, President, Lyceum of the Philippines University, Manila has been signed. The agreement will include exchange of academic facilities to motivate research, academic promotion and technological study.

- ❖ Second MOU was signed between Academic staff College, JNV University Jodhpur and Kota University for conduction of orientation and refresher courses .

Research Projects and external funding:

- ❖ Ms. Swati Soni, Ph. D. student of **Dr. Saurabh Dalela**, Head & Associate Professor, Department of Pure and Applied Physics, was awarded with

Women Scientist fellowship by the Department of Science & Technology, New-Delhi on 10 October 2015 for her study on “Study of electrical, Optical and Magnetic properties on doped CeO₂”

- ❖ First installment of the Rs. 4,21600/- was released in the name of the **Dr. Meenu Maheshwari** Assistant Professor, Department of the Commerce & Management against her Major research Project of UGC on the topic “Corporate Governance standards and disclosure practices: A Case-Study of BSE Sensex companies”.
- ❖ Rs.1.75 crores was received from UGC to University for constructing sports complex equipped with advanced swimming pool and athletic track in the Department of Physical Education.

Instruments Installed:



For the synthesis of thin films and multilayer coatings of materials under high vacuum, a Sputtering Unit (DC and RF) was installed in Department of Pure and Applied Physics by the engineers of Hind HiVac, Bangalore.

DST sponsorship for organizing conference:

IPR cell of University received Rs. 50,000 from DST, Jaipur, in this quarter.

Research Publications and Books

DEPARTMENT OF PURE & APPLIED CHEMISTRY:

- 1- **Neelu Chouhan**, R Ameta, R.K. Meena, N. Mandawat, R. Ghildiyal, Visible light harvesting Pt/CdS/Co-doped ZnO nanorods molecular device for hydrogen generation, International Journal of Hydrogen Energy (Elsewhere), 2015, S0360-3199(15)02628-32
- 2- R. Ameta, **Neelu Chouhan**, P. B. Punjabi and D. I. Prajapati, Photocatalytic degradation of rose Bengal using nano barium chromate semiconducting particulate system, International Journal of Photocatalysis, photon 119, 2015, 219- 226
- 3- R. Ameta, M. Trivedi, **Neelu Chouhan** and C. Ameta, IMPROVED PERFORMANCE OF DYE SENSITIZED SOLAR CELL USING CARBON AND ZINC CO-DOPED SEMICONDUCTOR, Inter. Journal of Renewable Energy Technology Research, 4(4)2015, 1-10
- 4- **Neelu Chouhan et al.** has written one chapter “Nano-sized Photocatalytic Materials for Solar

Energy Conversion and Storage” for the book (Editor is Dr. R. J. Tayade, CSMCRI, Bhavnagar), in Nov. 2015 that to be published in Trans-Tech Publications, Switzerland.

- 5- **Neelu Chouhan** R. K. Meena and R. S. Liu, SOLAR ENERGY CONVERSION AND STORAGE: Some Photochemical Modes, Chapter 8 Hydrogen: An Alternative fuel (*Editors: Suresh C. Ameta, Rakshit Ameta*) CRC Press, Taylor & Francis Group, Florida-USA, Nov.2015, ISBN-978-1-48-224630-8 pp: 312
- 6- U. Soni, D. Yajurvedi, **Shweta Vyas**, O. Prakash and P. K. Sharma, Correlation Analysis Of Reactivity In The Oxidation of Substituted Benzaldehydes By Bis [Dipyridine Silver(I)] Dichromate, Eur. Chem.Bull. 4(9), 2015, 442-449.

DEPARTMENT OF PURE & APPLIED PHYSICS

- 7- K. Kabra, P. Bhambhani & **G. Sharma**, Ab-initio Determination of Electronic Structures of PbS_{1-x}Se_x, Adv. Sci. Letters, 21 (2015) 2823.
- 8- P. Bhambhani, K. Kabra & **G. Sharma**, Investigation of Electronic Properties of PbSe_{1-x}Te_x using LCAO method, Adv. Sci. Letts, 21 (2015) 2779.
- 9- V. Jain, K. K. Soni, K P Maheshwari, H. Malav & **N K Jaiman** "Effect of laser-pulse-shape on the transference of laser energy into the energy of fast ions in radiation pressure dominant (RPD) regime" Indian J. Pure & Appl. Phys., 53, (2015) 785-789.
- 10- Compton profiles and Mulliken's populations of cobalt, nickel and copper tungstates: Experiment and Theory, B.S. Meena, **N.L. Heda**, Kishor Kumar, Samir Bhatt, H.S. Mund and B.L. Ahuja, Physica B **484** (2015) 1-6.
- 11- Compton profiles and electronic structure of monoclinic zinc and cadmium tungstate, B.S. Meena, **N.L. Heda**, H.S. Mund and B. L. Ahuja, Rad. Phys. Chem. **117**, (2015) 93-101.

DEPARTMENT OF COMPUTER SCIENCE & INFORMATICS

- 12- S. Khandelwal, **P.C. Gupta**, “Implementation of Secure Biometric Fuzzy Vault using Personal Image identification”, Springer, 337, 2015, 311-319.
- 13- Reenu Verma, **Reena Dadhich**, Nivedita Roy, “Status of Electronic Filing (e-filing) of Taxes in India Vis -a- Vis other parts of the world: A Snapshot”, Inter. Journal of Innovative Research in Science, Eng. and Techn. 4 (11), 2015, 10913-10921.
- 14- Nivedita Roy, Reenu Verma, **Reena Dadhich**, “Comparative Analysis of the Popular Websites for Electronic Filing (e-filing) of Taxes in India”, International Journal for Scientific Research & Development, 3(09)2015, 811-816.

DEPARTMENT OF COMMERCE & MANAGEMENT

- 15- **Anita Sukhwai**, "An Empirical Study on Factors imposing dissatisfaction among Public and Private Sector Bank Customers" Indian Journal of Business and Administration Research Review, 11, 2015, 63-67.
- 16- **Meenu Maheswari**, Pooja Kaura, "Corporate Social reporting and disclosure- A Review of the literature" published in Journal for Studies in Management and Planning, 1(09), 2015, 275-280.

Conference Papers in Proceedings:

1. M. Kaur, K. Kabra, B. K. Sharma and **G. Sharma**, Ab-initio Investigation of Band Gap Variation in PbS Nanotubes With Diameter, Conference Proceeding, AFMA(2015) 25-28.
- 2- Sachin Jain and **Namrata Sengar**, Published a paper "A Study of Variation in Temperature Profile of Load with Change in Absorber Base Plate Materials for Hot Box Solar Cookers," in Proceedings of the National Conference on Advanced Functional Materials and Their Applications jointly Organized by Department of Physics and Department of Mechanical Eng., Govt. Women Eng. College, Ajmer, Dec-11-12, 2015, pp. 109-112
- 3- .Bhoor Singh, **N.L. Heda**, S. Bhatt, Kishor Kumar, Komal Bapna, Shailja Tiwari, B.L. Ahuja, Mulliken's Population and Compton Profiles of AWO_4 (A=Co, Ni, Cu and Zn) Using B3PW Method, Proceedings of National Conference on "AFMA-2015, (2015) 39-43.
- 4- Kalpana Panwar, Shailja Tiwari, Komal Bapna, **N.L. Heda**, R.J. Choudhary, D.M. Phase and B.L. Ahuja, publish a paper "Stable Growth of Cr Doped Nickel Ferrite Thin Films on Si (100) and (111) Substrates" in Proceedings of National Conference on "Advanced Functional Materials and Their Applications (AFMA)-2015, 55-57 (2015).
- 5- Kalpana Panwar, **N.L. Heda**, Shailja Tiwari, Komal Bapna, R.J. Choudhary, D.M. Phase and B.L. Ahuja, Presented a paper entitled as "Structural and magnetic studies of Cr doped nickel ferrite thin films", in 60th DAE Solid State Physics Symposium (DAE-SSPS-2015) at Amity University UP, India during Dec. 21-25, 2015, to be published in Proceedings of AIP.
- 6- B.S. Meena, **N.L. Heda**, H.S. Mund and B.L. Ahuja, Electronic Properties of $CdWO_4$: Use of Hybrid Exchange and Correlation Functional, Presented in 60th DAE-SSPS-2015 at Amity Univ. UP India, during Dec. 21-25, 2015 to be published in Proceedings of AIP.
- 7- S. Soni, Neena D., B. Dalela, **S. Dalela**, Published a paper "Band Structure Properties of Ceramic Composite Superconductor $Bi_{1.7}Pb_{0.3}Sr_2CaCu_2O_{8+\delta}$ using XPS" in the proceedings of National Conference on AFMA-2015 held at Govt. Women Eng. College, Ajmer during 11-12th Dec. 2015. pp.20-24.

- 8- S. Soni, Sudish Kumar, R.S. Meena, V. S. Vats, **S. Dalela**, Interplay of Structural, Optical and Magnetic properties in Gd doped CeO_2 , AIP Conf. Proc. 1665, (2015)130029.

Conference Talks/Invited Lectures:

- 9- **Dr. Anita Sukhwai** of Department of Commerce and Management, was selected as one of the Panelists in the Panel Discussion for HELM Higher Education Leadership Meet held on 19th Dec., 2015 at Manipal University, Tapmi Business School, Jaipur. **18**
- 10- **Prof. Ashu Rani** of Department of Pure and Applied Chemistry, has delivered an Prof. A. S. R. Anjaneyulu 60th Birthday Commemoration award lecture during the 52nd Annual convention and international conference of ICS, Kolkatta, on recent advances in Chemical Sciences, held at JECRC University, Jaipur on 29th Dec., 2015.
- 11- **Dr. Ghanshyam Sharma**, has delivered an invited talk on "Optical properties of low dimensional PbS: Experimental and theoretical investigation" at Sikkim Manipal Univ., Jaipur Campus on 21 Nov. 2015.
- 12- **Dr. J.P. Shrama** presented a paper on "Dynamics of Urbanization in Kota, City" during the national conference organized by Govt College Ajmer from 26-28 Oct, 2015.
- 13- **Dr. Krishna Ram Choudhary**, presented a paper on "खनिज तेल के उत्पादन का बाड़मेर जिले पर सामाजिक एवं आर्थिक प्रभाव" during the national conference organized by Finan. Admin. and Comm. Manag. of Rajasthan University on 22-23 Dec., 2015.
- 14- Krishna Kumar Soni and **K. P. Maheshwari** presented a paper on "Dependence of the ion energy/momentum gain on the phase profile of the radiation pressure of the intense laser pulse interacting with a thin dense-plasma foil", at National Laser Symposium-24, 02-05 Dec., 2015, RRCAT, Indore (M.P.).
- 15- **Dr. Namrata Senger**, delivered a lecture to trained teachers for preparing students for Children Science Congress – 2015 at Regional DST centre, Kota on 12th Oct., 2015.
- 16- **Dr. Namrata Senger**, co-supervised a M. Tech. Thesis "Comparative Theoretical and Experimental Studies of Hot Box Solar Cookers of Three Different Shapes and Different Absorber Surfaces" of Sachin Jain, Department of Renewable Energy, Raj. Tech. Univ., Kota, which have been submitted in Nov. 2015
- 17- **Dr. Namrata Senger**, participated in Young Scientists Meet, India Intern. Sci. Festival organized by Ministry of Sci. and Techn. and Vijnana Bharati organized at IIT, Delhi from 5-7 Dec., 2015. **15**
- 18- Bhoor Singh, **N.L. Heda**, Komal Bapna and B.L. Ahuja, presented a paper entitled as Electronic and optical studies of cadmium tungstate", in International conference entitled "GITS MTMI 2015" at Geetanjali Instit. of Tech. Studies, Udaipur (India) during Dec., 2015.
- 19- **Dr. Neelu Chouhan** lead the team of 30 students and



two faculties Dr. Arun Kumar & Dr S. K. sharma and attended one day awareness program on chemical weapons organised by Indian chemical council at DSCL, Kota on 24th Oct., 2015

- 20- **Dr. Neelu Chouhan** has attended five- days quality improvement program on fluorescence spectroscopy and its applications at IIT, Kanpur during 22-26 Nov., 2015 at IIT, Kanpur.
- 21- **Dr. Neelu Chouhan** has also delivered an invited talk during the 52nd Annual convention and international conference of ICS, Kolkatta, on recent advances in Chemical Sciences, held at JECRC University, Jaipur on 30th Dec., 2015
- 22- **Dr. Vikrant Sharma**, presented a paper on "भारत में उच्च शिक्षा की वर्तमान स्थिति" during the national conference organized by Indian public Administrative Institute, New Delhi, on 16-17 Nov., 2015

Research Section: 1

- ❖ PhD-Course Work exam was conducted on 8.10.15 by the Research Section of the University and results were declared in the month of November, 15.

Ph.D. Degree Awarded

- 1- Mridula Khandelwal awarded with Ph.D. degree on "Impact Analysis of Fly Ash on Growth Performance of Selected Legumes with Special Reference to Root Nodule Bacteria" under the supervision of Dr. Neerja Shrivastav
- 2- Khushboo Srivastava awarded with Ph.D. degree on "Oxidative Kinetic Study of Organic Compounds and Supported Metal and Metal Oxides" under the supervision of Dr. (Mrs.) Vijay Devra.
- 3- Stuti Katara awarded with Ph.D. degree on "Eco-friendly Synthesis of Fly Ash and Volcanic Ash Supported Solid Base Catalysts For Conventional and Microwave Assisted Organic Transformations" under the supervision of Prof. Ashu Rani
- 4- Sakshi Kabra awarded with Ph.D. degree on

"Synthesis of Eco-friendly and Reusable Heterogeneous Acid Catalysts From Coal Fly Ash and Volcanic Ash for Catalyzing Conventional and Microwave Assisted Organic Reactions" under the supervision of Prof. Ashu Rani

- 5- Vinod Kumar Gupta awarded with Ph.D. degree on "नागार्जुन के काव्य में व्यंग्य विवेचन" under the supervision of Dr. Arvind Kumar Dixit.
- 6- Namita Goswami awarded with Ph.D. degree on "दीप्ति कुलश्रेष्ठ के कथा-साहित्य में "सामाजिक समस्याओं के स्वरूप" under the supervision of Dr. Kanchna Saxena.
- 7- Manish Chourasiya awarded with Ph.D. degree on "Evaluation of Watershed Development Program in Sustainable Development of Hadoti Region " under the supervision of Dr. A. V. S. Chandel.
- 8- Hanuman Prasad Meena awarded with Ph.D. degree on " Panchyati Raj and Woman Empowerment (An Analytical Study with Sepical Reference to Sawai Madhopur District)" under the supervision of Dr. Madhu Mukal Chaturvedi.
- 9- Babulal Bhat awarded with Ph.D. degree on "वंशावली लेखन परम्परा में बीसवीं शताब्दी के बून्दी राज्य का सामाजिक व आर्थिक जीवन" under the supervision of Dr. Sajjan Poswal.
10. Ms. Archana Tiwari awarded with Ph.D. degree on "रणथम्भौर किले का ऐतिहासिक एवं कलात्मक अध्ययन" under the supervision of Dr. R.A. Sharma.
- 11- Harshita Paliwal awarded with Ph.D. degree on "A Study of Change Management Strategies in Selected Organizations of Rajasthan" by Pacific University, Udaipur, under the supervision of Dr. Anita Shukhwal of University of Kota, Kota

Ph. D. Thesis Submitted

- 12- Naresh Soni submitted his thesis on "पर्यावरणीय अवनयन और प्रबन्धन हनुमानगढ़ जिले का विशेष अध्ययन" under the supervision of Dr. M.Z. A.Khan.
- 13- Vinay Kumar Meena submitted his thesis on "Ethnobotany of the Pratapgarh Tehsil of Rajasthan" under the supervision of Dr. Sita ram Khandelwal,
- 14- Krishna submitted his thesis on "गुजरात एवं राजस्थान में नारी उत्थान के विशेष सन्दर्भ में महात्मा ज्योतिबा फुले एवं अन्य समाज सुधारकों की प्रासंगिकता" under the supervision of Dr. Sashi Arora.

UOK in News:

- 1- Higher Education Minister of Rajasthan Shree Kali Charan Saraf inaugurates the office of Student Union on 11 Oct. 2015.
- 2- Kota University wins laurels in Kota-zonal Basketball competition.
- 3- Scholars of Prof. Ashu Rani make Tiles from Kota

stone slurry. (23.Oct. 2015)

- 4- The University of Kota is now going to be WI-FI and CCTV equipped. (20. Nov. 2015)
- 5- UGC releases first installment of 1.75 crores to University for constructing sport complex equipped



with advance swimming pool and track in Department of Physical Education. In this regards, one MOU was signed between the University and RSRDC. (22.Nov.2015)

- 6- Department of science and technology sanctions budget of Rs.50,000 to the Department of Commerce and Management for organizing 45 days Entrepreneurship Development workshop.
- 7- National Unity Day celebrated on 140th Birth-Anniversary of Sardar Vallabh Bhai Patel. One day cleaning-campaign and oath ceremony held by employees and students of the University.(1 Nov., 2015)
- 8- Twenty member Khashmiri Army teachers group (JEES SHIKARI) visit University.(12.Nov.2015)



Prizes/Awards/ Honors :

- 1- Prof. Ashu Rani of the Department of Pure and Applied Chemistry, was conferred with Professor ASR Anjaneyulu 60th Birthday Commemoration Award during the 52nd Annual convention and international conference on recent advances in Chemical Sciences, held at JECRC University, Jaipur during 28-30th Dec.2015.
- 2- Physical Education Department hits five Gold, three

Silver and one Bronze Medal in Inter College competition held at Govt. College, Baran.

- 3- Physical Education Department won Zonal-Basket Ball competition.



Symposiums/Conferences /Workshops organized in the campus

1. CSI Department conducted one day workshop on “Android Computing” and “Big Data” on 28 Oct., 2015 and 30 Nov., 2015, respectively.
2. CSI Department conducted one training programme by Members of Income tax Department, Kota on 24.Nov., 2015.
3. Dr. Rajendra Kumar, NCL, Pune delivered a talk on application of Noble Nanomaterials in treatment of Cancer on 10 Dec., 2015 at Department of Pure and Applied Chemistry.
4. Dr. Willson of Sinsil International gave one presentation on Instrumentation and application of Solar Stimulator at Department of Pure and Applied Chemistry on 18 Dec., 2015.
- 5- Department of pure and Applied Physics organized an Energy Meet- 2015 on 11th Dec., 2015, to promote the uses of renewable energy resources in generating energy capita. Dr. Deepak Gadhiya, a solar scientist of Muni Seva Aashram, Vadodara, and Mr. Rajendra Singh, Deputy Director, Department of Irrigation, Rajasthan, have delivered their speeches. The Meet



ended with the exhibition of the solar products.

- 6- 69th Annual Conference of Indian Society of Agriculture Statistics ISAS on Statistics and Informatics in Agricultural Research, was organized by the University during 14th -16th Dec., 2015. In those three days, the University was glittering in the presence of the galaxy of the eminent statistician and scientists. Prominent figures of the statistical world such as Prof. TCA Anant, Chief Statistician of India and Secretary, MoSPI, Govt. of India, New Delhi; Prof. Sat Gupta, University of North Carolina at Greensboro, USA and Sessional President; Dr. K Alagusundaram, DDG (Engg.), ICAR, New Delhi;

Dr. Padam Singh, former Member, National Statistics Commission & Executive President,



ISAS, New Delhi; Dr. SK Raheja, former Director, ICAR-IASRI & Vice President, ISAS, New Delhi; Dr. BS Kulkarni, Vice President, ISAS, New Delhi (from Hyderabad); Dr. UC Sud, Director, ICAR-IASRI & Hon. Secretary, ISAS, New Delhi, was delivered their talks. Local and national news papers gave excellent coverage to the event as “मंथन से निकलेगा कृषि-नितियों का अमृत” किसान को केन्द्र में रखकर करना होगा शोध and “ फसल बीमा के नये प्रारूप से रुकेगा किसानों की मौतों का सिलसिला” etc. The thought provoking ideas flashed out of the conference to enlighten the audience including 80 outstation partakers.

- 7- Pure and Applied Physics also organized the 5th National School on Quantum Mechanics (NSQM) - 2015 during December 20th - 24th, 2015. A number of renowned names of the Quantum Physics such as Prof. Deepak Kumar, JNU New Delhi, Prof. B. S. Sharma, R. R. Govt. College, Alwar, Prof. J. K. Sharma, JNVU Jodhpur, Prof. K. B. Joshi, MLSU Udaipur, Prof. K. P. Maheshwari, UOK Kota, Dr. Dinesh Kumar, Banasthali and Dr. Ghanshyam Sharma, UOK Kota, delivered their invited talks.



Participants presented their research as posters.

Excursion trips:

- 1- Dr. Ankit Sharma and Dr. Sushil Kumar lead the team of 20 students for industrial visit of M.Sc. Industrial Chemistry and Analytical Chemistry students, to Coromandal Pvt. Ltd., Kota on 20.10.152-
- 2- Dr. Bhawani Singh and Dr. Shweta Vyas along with 30 students of the Department of Pure and Applied Chemistry, visited the Urea Manufacturing Plant of DSCL Pvt. Ltd, Kota on 20th Nov.2015.
- 3- Field Technique Tour of M. Sc. Wildlife Science Students was conducted on 14 and 15th Dec., 2015 to

Sariska Tiger Reserve, Alwar district, Rajasthan on the theme of “Reintroduction of Tigers in Sariska”.

- 4- M. Sc. Wildlife Science Students visited Sitamata Sanctuary, Pratapgarh, Rajasthan on 21 and 22 Oct. 2015 for study of Vegetation and Animal Sign Survey under the guidance of Dr. Fatima Sultana, Dr. Satish Sharma (ACF Udaipur), Dr. Udairam



(DFO) and Mr. Devendra.

- 5- M. Sc. Wildlife Science Students visited Mukundra Hills National Park Kota Rajasthan on 04 Oct. 2015 for the study of medicinal plant identification and use in Wildlife under the expertise guidance of Dr. S.N. Shringi.
- 6- The study of GPS data collection under the expertise guidance of Mr. Jatin Pandey, was conducted for M. Sc. Wildlife Science Students at Mukundra Hills National Park Kota Rajasthan on 13 Oct. 2015.
- 7- M. Sc. Wildlife Science Students visited Mukundra Hills National Park Kota Rajasthan Kota Rajasthan during 19th Nov. to 22nd Nov., 2015 for Social economic survey of villages (Girdharpura, Damodarpura, Roopura, Kolipura, Dara Goan & Mashalpura) under the guidance of Ms. Shailja Nayak Scientist WWF.
8. International Museum Day was celebrated at Kota Government Museum. Conference was organized where apart from various lectures, Superintendent of Archaeology and Museum also delivered a lecture on conservation of various artifacts and articles.
9. Seminar was conducted on 'Akhand Bharat'. Prof. Kamlesh of tourism department, VMOU, Kota, Prof. P.K. Dashora, Honorable V. C. of University of Kota and other eminent personalities delivered lectures.
10. In order to equip our students with practical aspects, a field visit was organized on World Tourism Day to



Alania Rock Shelters, Kota. Students learnt about the process of the recognition of rock paintings and also Why and How these heritages must conserve.

Administrative News

- 1- University adopts Dungarja Village University of Kota has adopted its neighbouring village Dungarja, under a long term developmental programme. NSS office with his team frequently visit the village for promotional activities.
- 2- BOS of Maths was conducted in the month of October.
- 3- Accession of more than 900 new books in central library by SPOT purchasing.
- 3- The library software SOUL was repaired and updated. Draft of the policy for procurement of books in central library was made.
- 4- NSS wing and Human Rights club of the university celebrate World Human Rights day on 10th Dec. 2015. During the program, an interaction between Mr. Siddhant Sharma, SP Kota City along with his two staff members and student/ faculties of the university was held.
- 5- One solar energy panel was established for generation of 100KW electricity by the help of Rajasthan Akshay Uraja Nigam on Academic block to satisfy the energy demands for Academic and Administrative block.
- 6- Campus became WI-FI during the month of Nov., 2015.
- 7- Four "Water Huts" have been constructed to satisfy the drinking water needs of the University students and outsiders.

Campus Insight

- 1- On 31 Oct., 2015, 140th birth anniversary of Sardar Vallabh Bhai Patel was celebrated on large scale. A talk by Dr. Arun Sharma was organized and the program was presided by Prof. N. K. Jaiman of the Department of Pure & Applied Physics.
- 2- Students, faculty members and non academic staff enthusiastically contributed in Clean India Mission on 31 Oct., 2015.
- 3- "दीपावली स्नेह मिलन" program was organized at Saraswati Bhawan of the University on 17.11.15 and prominent poet of the city Rameshwar Sharma, Ramnarayan Meena Haldhar, Ambika Dutt Chaturvedi, gracefully contributed by the recitation /creations of new poems.
- 4- "Komi Ekta Saph" was celebrated during the 19-25 Nov., 2015. Talks of Dr. Prem Jain, Basheer Ahmed 'Mayukh' was delivered.
- 5- Second Internal Assessment has been conducted in



- last week of Nov.15 and first week of Dec.15 by the various departments of the University.
- 6- Students of Department of CSI, organized a cultural event "Tech Planet-2015 on 5th Dec. 2015. Similarly, the Department of Pure and Applied Chemistry, welcomed the fresh student on 17th Nov., 2015.

Placement News:

1. Department of Commerce and Management organized a Campus Placement fair on 3rd Nov., 2015, ICICI Prudential and other companies selected 3 students (M.Com and MBA Student of IIIrd Semester).
2. Campus placement fair and company visit, was organised by Coromandel, Pvt. Ltd., Kota in the Department on 20 Oct., 2015 and two students selected from Department of Pure and Applied Chemistry, UOK, Kota
- 3- Mr. Rudrarishi Sharma of Wildlife department got placed as Project Officer in TSA (Turtle Survival Alliance) and is posted at Itawa, Uttar Pradesh.



What's Next?

- 1- Third Convocation is about to be held in the month of January/February 2016 for the distribution of the degrees of 2010-2014.
- 2- Unveiling of the Swami Vivekananda statue in the campus in January'16.
- 3- University Semester system and Annual Exams will be held during first week of the Feb.16 to mid of the May 2016
- 4- 93rd Orientation Program of UGC-HRDC, Jodhpur, is planed from 27 Jan. to 23 Feb., 2016 and few refresher courses are proposed to be held in the month of the March 2016.5
- 5- Seven days residential NSS camp at our adopted Dungarja village.6-
- 6- Two workshops and conferences are proposed by IPR cell of University.
- 7- PhD entrance exam might be held in the month of January'2016.
- 8- A Refresher Course in Research Methodology for the stream of Arts & Social Sciences faculty members going to be held during 17 Feb. to 8 Mar., 2016.