



UOK News Letter : THE MIRROR



Volume 2 Issue 2

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In this Issue

Vice Chancellor's Message

नववर्षाभिनन्दनम्,

सूर्य संवेदना पुष्पे: दीप्ति कारुण्यगंधने ।

लब्ध्वा शुभम् नववर्षेऽस्मिन् कुर्यात्सर्वस्य मंगलम् ॥

(जिस तरह सूर्य प्रकाश देता है, संवेदना करुणा को जन्म देती है, पुष्प सदैव महकता रहता है, उसी तरह यह नूतन वर्ष (विक्रम संवत् 2074) आपके लिए हर दिन, हर पल मंगलमय हो ।)

University has been working hard towards fulfilling its mission, i.e. 'Social Transformation Through Dynamic Education'. While pursuing this mission, we continue to build our nation. In building of our nation we make the concerted efforts toward to produce global citizens with high knowledge and morals. The onus of turning these

challenges into opportunities lies in reposing faith and commitment in ourselves in accomplishing this mammoth task. Right from its establishment, the University has set an example of how an academic institution could actively and systematically emerge as an Ideal in Education. Here, I want to make it clear that the Ideal means the success for them can't be only judged by their outer circumstances but also by their inner experiences. It should not be only measured in terms of the amount of gold/



materialistic things accumulated, not even by the knowledge acquired, nor by rank, nor by position but by self-culture and self-knowledge. The inner self of our educators and scholars reflected in their smiling profile, kind gesture, generous heart and tranquil mind. Both with their lofty aspirations and noble aim, it is required to take the mankind from discord to harmony from difference to agreement –in –difference, from self to self –in all, from diversity to unity-in diversity, war to peace and hatred to love. By these transformations, it is our collective responsibility to take University to greater heights. For this, I earnestly request all the teachers, scholars and staff of the University to bestow attention and sincere commitment in achieving the vision and mandates of the University.

Prof. P. K. Dashora

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Prof. P. K. Dashora

Vice Chancellor,
University of Kota, Kota

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Editorial

University News letter: The MIRROR, became a forum which could aptly used for recording events, fond memories and creative writing. I am sure, our persistent effort will be appreciated as an informative bulletin of our institute in many senses. It showcase the laurels to the University that was brought by faculty, staff and students through their firm commitment & deep involvement, which will be sure to take our University at new heights. And for our excellence, it is a constant race and we have to face the challenges with team spirit and boarder outlook. To maintain the spirit of excellence we are in process of constant redesigning our syllabus based on current demand and latest updates. To keep in with the spirit, relevant recommendations are made in all Board of studies (BOS)/ committee of Courses (COC) meetings, which was mostly scheduled in March 2017. Although, all courses running in the University campus with semester exam scheme along with, University has planned to implement semester examination pattern for the science faculty courses running in affiliated colleges, from 2017-18 session. We are also taking care of maintaining the right balance in our multi-disciplinary approach to studies without losing the focus on chosen verticals. For building of our nation, we make the concerted efforts toward making education more productive for our students. Our students are not only doing well in their exams but also

***Work for a cause, not for applause.
Live life to express, not to impress***

bringing laurels to us in form of best research paper presentation award, best poster awards, sports trophies winning positions in different competitions. Moreover, cultural and social event celebrations are organised by University from time to time in the view of boosting up the moral and social values of the all students. International linkage of our University with world fame Universities like Cranfield University, UK and Durham University, UK, show our calibre to stand firmly at international level.

I hope you will welcome this new effort of ours to connect with you. It goes in vain I should end the editorial by welcoming you to make suggestions for the further improvement in the newsletter in all aspects.

Dr. Neelu Chouhan

Academic Events

Research Projects and External Funding :

NSS wing of University received Rs. 51,000 from National Institute of Social Defence, New Delhi for organisation of the Drug Abuse Prevention.

Research Publications And Books

Department of Pure & Applied Chemistry:

1. Rajesh Kumar Meena, Niranjana Kumar Mandawat, Neeta Gurbani, **Neelu Chouhan** "Synthesis of ZnO Nanoparticles for Organic Pollutant degradation" International conference proceeding paper - (ICIRSTM-17) Volume : 1 pp. 802-808 ISSN (o) 2319-8354.

Department of Pure & Applied Physics:

2. Kishor Kumar, **N.L. Heda**, A.R. Jani and B.L. Ahuja. 2017. Electronic and optical response of Cr-doped MoSe₂ and WSe₂: Compton measurements and first-principles strategies. J. Phys. Chem. Solids 107, 23-31 (2017).
3. M. Kaur, K. Kabra, R. Kumar, B. K. Sharma and **G. Sharma**. 2017. Structural, electronic and elastic properties of Zn₃As₂. Journal of alloys and compounds 709: 179-186.
4. Krishna Kumar Soni, K. P. Maheshwari and **N. K. Jaiman**. 2017 Analytical and numerical investigation of the brightness of high power X- and gamma rays as a result of intense laser interacting with plasma mirrors in radiation pressure regime, Indian Journal of Pure & Applied Physics, Vol. 55 (02):104-112.

Department of Commerce And Management:

2. **Meenu Maheshwari**, Puja Kaura and Dr. Ashok Kumar Gupta. 2017 An Empirical study on assessment of Human Resource Disclosure in India Pacific Business Review International. 9(8):74-77.

Department Of Computer Science And Information

2. **O.P. Rishi and Anukrati Sharma** Maximizing Business Performance and Efficiency through Intelligent Systems IGI Global, (USA), Feb. 2017.

Research Section Activities :

- A. SRC/DRC had conducted by the Research Department for 79 students of different subjects i.e.

Education, A.B.S.T., Botany, Maths, Chemistry, Drawing and Painting, Economic, English, Geography, Hindi, Sanskrit, Law, Music, Physics, Political Science, Sociology, EAFM, Zoology and History.

B. Degree of Doctorate have been awarded to the following students-

1. Ph.D. Degree Awarded to Mr. Manish Kumar on the titled entitled, "An Analysis of Promotion Mix of FMCG in rural market of Rajasthan", under the supervision of Dr. N.S. Naruka on 06th January, 2017.
2. Ph.D. Degree Awarded to Ms. Shalini Chittora on the title entitled, "An Analysis of facilities in government and corporate hospitals for care of patients in Rajasthan: Problems and Prospects", under the supervision of Dr. N.S. Naruka on 06th January, 2017.
3. Ph.D. Degree Awarded to Mr. Chetan Sharma on the title entitled, "The Impact of ERP (MIS) System on Financial and Non Financial Management Information Processing, Focusing on Challenges and Solution regarding its implementation", under supervision of Dr. L.C. Punjabi on 28th January, 2017.
4. Ph.D. Degree Awarded to Ms. Minakshi Nagar on the title entitled, "Impact of Emotional Intelligence (EI) on Managerial Performance: A Case Study of Commercial Banks of Rajasthan", under supervision of Dr. R. A. Gupta on 30th January, 2017.
5. Ph.D. Degree Awarded to Ms. Kalpana Nebhinani on the title entitled, "Corporate Governance Practice in India: A Comparative Study of Public and Private Sector Enterprises", under supervision of Dr. B. D Sharma on 13th February, 2017.
6. Ph.D. Degree Awarded to Ms. Priya Sodani on the title entitled, "Indian Women in Economic World – An Empirical Study of Kota City", under supervision of **Dr. Meenu Maheshwari** on 06th March, 2017.
7. Ph.D. Degree Awarded to Ms. Shehla Sayeed on the title entitled, "An Analysis of Post Merger Effect on Employee Engagement in Selected Banks in India – A Causality Analysis", under supervision of Dr. K D. Sharma on 20th March, 2017.
8. Ph.D. Degree Awarded to Ms. Deepti Shandiya on the title entitled, "प्रदूषकों व जल लवणता का ग्लाइसिन मैक्स

की उत्पादकता व बीज जैव रसायन पर प्रभाव". under supervision of Dr. Vijaybala Shrivastava on 04-Jan., 2017.

9. Ph.D. Degree Awarded to Mr. Kailash Chand Nagar on the title entitled, "Biodiversity of Hill Stream Fishes in Aravalli Region of South Rajasthan", under supervision of Prof. Madhu Sudan Sharma on 04-Jan., 2017
10. Ph.D. Degree Awarded to Ms. Mamta Singhal on the title entitled भारत मे गठबन्धन सरकार एवं राजनीति : संयुक्त प्रगतिशील गठबन्धन प्रथम एवं द्वितीय के अनुभव के संदर्भ मे एक अध्ययन under supervision of Dr. Govind Krishna Sharma on 10-Jan., 2017.
11. Ph.D. Degree Awarded to Ms. Sapna Badonia on the title entitled मूक-बधिर किशोरों एवं किशोरियों के अभिभावकीय संबंधों का उनके समायोजन, आक्रामकता एवं आत्मा-अवधारणा पर प्रभाव का एक अध्ययन under supervision of Dr. Lilesh Gupta on 10-Jan., 2017.
12. Ph.D. Degree Awarded to Ms. Jyotibala Jain on the title entitled भराजस्थानी लोक-चित्रण परम्परा "मॉडना" मे मयूर आकार (हाडौती एवं ढूँढार क्षेत्र के विशेष मे) under supervision of Dr. Lokesh Jain on 10-Jan., 2017.
13. Ph.D. Degree Awarded to Mrs. Priya Vijayvargiya on the title entitled "Adsorption Desorption Study of Chromium (vi) from Chromum Contaminated Soil in the Industrial Belt of Bhilwara, Rajasthan" under supervision of Dr. Shweta Saxena on 10-Jan., 2017.
14. Ph.D. Degree Awarded to Mr. Yogendra Singh Naruka on the title entitled "समकालीन कला के विकास मे कला संगठनों की भूमिका : राजस्थान के संदर्भ में" under supervision of **Dr. Rajeev Jain** on 02-Feb., 2017.
15. Ph.D. Degree Awarded to Mrs. Ashok Kavar Shekhawat on the title entitled "कविवर अभिराज राजेन्द्र मिश्र के कथा-साहित्य का समीक्षात्मक अध्ययन (2009 ईस्वी तक ग्रथित रचनाओं के सन्दर्भ में)" under supervision of Dr. Sadhana Kansal on 02-Feb., 2017.
16. Ph.D. Degree Awarded to Mr. Sanjay Kumar on the title entitled "Selected Novels of R.K. Narayan : A Study of Socio-Cultural Perspectives" under supervision of Dr. Jitender Kohli on 02-Feb., 2017.
17. Ph.D. Degree Awarded to Mr. Tushar Nair on the title entitled "Conflictual Overtones & Human Predicaments : A Post-Colonial Evolution of Kamala Markandaya & Bharati Mukherjee's Fiction" under supervision of Dr. . Pratima Sharma on 02-Feb., 2017.
18. Ph.D. Degree Awarded to Mr. Mukesh Parashar on the title entitled "The Role of Government In The

Development And Expansion Of Public Welfare [A Comparative Study Of Last two Government With Special Reference to Jaipur City” under supervision of Dr. Madhu Mukul Chaturvedi on 02-Feb., 2017.

19. Ph.D. Degree Awarded to Mr. Syeda Anjum on the title entitled “Maulana Abdul Salam Beig "Shafeeque Hayaat aur Shery-o-Abdi Khidmaat” under supervision of Dr. Quamar Jahan on 14-Feb., 2017.
20. Ph.D. Degree Awarded to Mr. Ganesh Lal Bareth on the title entitled “ संगीत के उन्नयन में हाडौती एवं दूढाड क्षेत्र के शिक्षण संस्थाओं की भूमिका” under supervision of Dr. Rajendra Maheshwari on 10-Feb., 2017.
21. Ph.D. Degree Awarded to Ms. Sunita Meena on the title entitled “राजस्थान का एकीकरण – जनमानस एवं जनचेतना” under supervision of Dr. Hukum Chand Jain on 14-Feb., 2017.
22. Ph.D. Degree Awarded to Mr. Chena ram on the title entitled “मलिक मुहम्मद जायसी कृत कन्हावत का साहित्यिक एवं सांस्कृतिक सौन्दर्य” under supervision of Dr. Siya ram Meena on 04 March, 2017.
23. Ph.D. Degree Awarded to Mr. Shikaha Jain on the title entitled “Metal Nonoparticles Catalyzed Oxidation Of Amino Acids In Aqueous Solution : A Kinetic Study” under supervision of Dr. Vijaya Devera on 14-Feb, 2017.
24. Ph.D. Degree Awarded to Ms. Niharika Shringi on the title entitled “Microwave Assisted Organic Transformations on Fly Ash And Volcanic Ash Supported Catalytic Materials” under supervision of Prof. Ashu Rani on 14-Feb., 2017.
25. Ph.D. Degree Awarded to Ms. Dr. Santosh Meena on the title entitled “खैराड अंचल की मीणा जनजाति का सामाजिक एवं आर्थिक अध्ययन (स्वातंत्र्योत्तर)” under supervision of Dr. Santosh Meena on 14-Feb., 2017.
26. Ph.D. Degree Awarded to Mrs. Pooja bhati on the title entitled “राजस्थान मे मानवाधिकार : महिला अधिकारो के विशेष सन्दर्भ मे एक अध्ययन” under supervision of Dr. Alpana Pareek on 14-Feb., 2017.

Conference Talks/ Invited Lectures/ Session Chaired :

1. Dr. Neelu Chouhan attended Three day Work shop on “Interpretation of Instrumental Methods (WIIM-2017)” sponsored by DST-SERB, Govt. of

India and Kunash Instruments and held at Sathyabama University, Chennai, during 5th-7th January, 2017.

2. Dr. Namrata Sengar had presented a paper “A study to assess potential, deployment issues, challenges, awareness level and solution to promote solar cooking at household level in India” on 16th January, 2017 during the 6th Solar Cooker International World Conference 2017 organized by Solar Cooker International Association at Goraj, Vadodara, Gujarat, India.
3. Dr. Pragya Dheer had presented a paper entitled: “Impact of Corporate Restructuring on Financial Performance Viz – a – Viz Stakeholders – A Case Study of Merger of Bank of Rajasthan with ICICI Bank”, in the INCON 2017 – XII Edition International Conference on 'Ongoing Research in Management and IT, organised by ASM Group of Institutes, Pune on 21st – 22nd January, 2017.
4. Dr. Neelu Chouhan chaired a Science session during the International Conference on innovative research on science, Technology and Management



at MIMT, Kota, during 22nd – 23rd January, 2017.

5. Dr. Neelu Chouhan delivered an invited talk and conducted an experimental session on “Spectrofluorimeter Technique and its Application” during the separation technique supported by UGC and MDS University, Ajmer on 31st January, 2017.
6. Dr. N.L. Heda Online delivered a Paper in “Orientation Programme-IV” sponsored by UGC-HRDC, M.D.S. University, Ajmer (India) in February, 2017.
7. Dr. Namrata Sengar presented two papers in 37th Annual Conference of Rajasthan Economic Association on Sustainable Development and

Inclusive Growth: Prospects and Challenges organized by Department of Social Science, University of Kota, Kota on 27th - 28th January, 2017.

8. **Dr. Shweta Vyas** attended UGC-HRDC, MDSU, Ajmer sponsored one week short-term course entitled "Separation Techniques and Instrumental Methods of Analysis" from 30th January – 4th February, 2017.
9. **Dr. Namrata Sengar** attended UGC-HRDC, MDSU, Ajmer sponsored one week short-term course entitled "Separation Techniques and Instrumental Methods of Analysis" from 30th January – 4th February, 2017.
10. **Dr. N.L. Heda** delivered a talk on "View of Compton scattering data handling and verification of ab-initio computations" during the UGC-HRDC, M.D.S. University, Ajmer, sponsored One Week Short-term Course held at University of Kota, Kota (India), from 2nd February, 2017.
11. **Dr. Saurabh Dalela** had delivered an invited talk entitled as "Experimental Material Characterization using X-ray Photoelectron Spectroscopy [XPS] technique" on 4th February 2017 during the UGC-HRDC, MDSU, Ajmer sponsored one week short-term course on Separation Techniques and Instrumental Methods of Analysis"
12. **Ms. Jyoti Jadon**, had attended a work shop cum training programme on institutional digital repository and meta data engineering at ABV Indian Institute of Information Technology and Management, Gwalior on 09th -10th February , 2017
13. **Dr. Namrata Sengar** chaired session on Clean Energy on 14th February, 2017 and attended a Symposium on GCRF Frontiers of Engineering for Development at Edinburg, Scotland, UK,



organized by Royal Academy of Engineering from 12th – 15th February, 2017.

14. **Mr. Ashish Asopa** had presented a paper entitled: "Impact of Globalisation on Poverty Reduction", in the International Conference on 'Globalisation', organised by Devi Ahiliya University, Indore in association with Madhya Pradesh Economic Association on 17th – 18th February, 2017.
15. **Mr. K.R. Choudhary**, Department of Social Science presented a paper on "भारत में गरीबी उन्मूलन में वैश्वीकरण के प्रभाव" in a conference organized by DAU M.P. on "Globalization and Indian Economic during 17th -18th February, 2017.
16. **Dr. Namrata Sengar** delivered an invited talk on "Renewable Energy Technologies" at Career Point University, Alaniya, Kota on 28th February, 2017.
17. **Dr. J.P. Sharma, Dr. Shweta Vyas, Dr. Pragya Dheer and Ms. Jyoti Jadon** of University had attended Springer Nature -sponsored one day "Author workshop" on 2nd March 2017 at University campus..
18. **Mr. Ashish Asopa** had participated and presented paper entitled: "Impact of Microfinance on Women Empowerment – An comprehensive review of existing literature", in the International Conference on 'Women Empowerment: Prospects and Challenges', organised by Department of Economics, Jai Narain Vyas University, Jodhpur sponsored by UGC on 23rd – 24th March, 2017.
19. **Dr. Anukrati Sharma and O.P. Rishi** had presented a paper entitled "A Study on e-Marketing and e - Commerce for Tourism Development in Hadoti Region of Rajasthan" at International Conference on Information Communication Technology for Intelligent Systems 2017, Ahmedabad, 25th – 26th March, 2017 and the paper has been published in Springer proceedings (SIST) Volume Editors Dr. S. C. Satapathy, Amit Joshi.
20. **Prof. Reena Dadhich** chaired a session and delivered an invited talk on "Using Internet of Things for VANETs: A Conceptual Analysis", in International Conference on Smart Technologies in Computer and Communication (SmartTech-2017), organized by Amity Institute of Information Technology, Amity University, Jaipur (Raj.) from 27th – 29th March, 2017.
21. **Mr. K.R. Choudhary** presented a paper on

“जनजातीय महिलाएं एवं उनका स्वास्थ्य: राजस्थान की सहरिया, जनजाति का एक समीक्षात्मक अध्ययन” during a conference organized by women study centre, JNVU, Jodhpur on 29th - 30th March, 2017.

22. **Dr. Vikrant Sharma**, Department of Social Science presented a paper on “ सूचना का अधिकार: लोक संगठनों पर प्रभाव एवं चुनौतियां” at Rajasthan University, Jaipur during 29th – 31st March 2017, in an international conference on स्वशासन, लोकनीति एवं लोक प्रशासन.
23. **Dr. Sushil Kumar Sharma** had delivered an expert lecture on “Environmental Engineering” at Government Engineering College, Jhalawar on 31st March, 2017.

Symposium/Conferences /Workshop organized in the campus

1. Symposium on Swami Vivekanand

University's Swami Vivekanand Shodh peeth celebrated the birth Anniversary of Swami Vivekanand on 12th January, 2017 as Youth Day. On



this occasion, one day symposium was organised by the cell on “विवेकानन्द युवा” Key speaker Shri Bhgwan Singh, Prant pramukh, vivekanand study centre Rajasthan region, chief guest shri Mahamandleshwar Heema ji Sarswati, the female saint was invited in the function and Hon'ble VC **Prof. P. K. Dashora**, inaugurate the function. The



symposium initiated by the student's Speech Contest on Swami Vivekanand, 12 students participate in the competition out of which Ashutosh Singh Hada (MSC II Sem. Physics), Manisha Meena (MSC II Sem. Physics) and Abhilash Sharma (MA II Sem Heritage and Museology and Tourism Management), was declared as the winner, first runner up and second runner up respectively of the competition. The programme was convened by **Dr. N. L. Heda**.

2. 37th Annual Conference

Department of Social Science with the joint collaboration with Rajasthan Economic Association organised two days '37th Annual Conference' on “Sustainable Development and Inclusive Growth: Prospects and Challenges”, on 27th – 28th January, 2017. Prof. N.R. Bhanumurthy,



Professor NIPFP, New Delhi was invited as a Keynote Speaker and the function was presided by Hon'ble Vice Chancellor, **Prof. P. K. Dashora**. In this conference various technical sessions are designed along with the panel discussions on the burning issue of 'Demonetisation'. **Mr. K. R. Choudhary** was the convener of the national conference.



3. One Week Short-term Course on “Separation Techniques and Instrumental Methods of Analysis” The University had organised a one Week Short-term Course on “Separation Techniques and Instrumental Methods of Analysis” during 30th January – 4th February, 2017. The course was sponsored by UGC-HRDC, M.D.S. University,

Ajmer. Program was coordinated by Dr. N.L. Heda and convened by Dr. S.K. Sharma. Total 32 Teachers has participated from various institutions namely Kumaun University, Nainital, Uttarakhand, Govt. College, Dharamshala, Himachal Pradesh, Govt. College, Kota, J.D.B. Govt. Girls College, Kota, Govt. PG College, Bundi, Govt. Dungar College, Bikaner, Govt. College, Nohar, Poddar International College, Jaipur, Govt. Engg. College, Jhalawar, Banasthali University, Newai, Career Point University, Kota,



Maa Bharti PG College, Kota, Lzebra Girls College, Kota and University of Kota, Kota. Various renowned personalities of this discipline like Prof. B.L. Choudhary (Chairman, Board of Secondary Education, Rajasthan), Prof. P.S. Verma (Ex-Chairman, Board of Secondary Education, Rajasthan), Dr. R.J. Choudhary (UGC-DAE Consortium for Scientific Research, Indore), Dr. N.L. Gupta (S.P.C. Govt. College, Ajmer), Prof. (Dr.) Ashok Mundra (Govt. Medical College, Kota), Dr. Vivek N. Bhave (Ground Water Department, Kota), Dr. S.K. Jain (Rtd. Principal, Govt. PG College, Mandalgarh), Dr. B.K. Patidar (Agricultural University, Kota), Er. K.K. Raghav (Kota Super Thermal Power Station, Kota), Er. Jagdish Potter (Kota Super Thermal Power Station, Kota), Prof. Ashu Rani (University of Kota, Kota), Dr. Neelu Chouhan (University of Kota, Kota), Dr. O.P. Rishi (University of Kota, Kota), Dr. Saurabh Dalela (University of Kota, Kota), Dr. Bhawani Singh (University of Kota, Kota) and Dr. N.L. Heda (University of Kota, Kota) were delivered 24 talks during the course.

4. **Springer, India's Author Workshop :**
University of Kota along with Springer Publication

organised Author Workshop on “How to Write Research Articles and Manuscript”, on 02nd March, 2017. Prof Payal Kumar, working with Springer, was invited as a chief guest and Keynote Speaker. Program was chaired by **Prof. Ashu Rani** and presided by Hon'ble Vice Chancellor **Prof. P. K. Dashora.**



5. **NSS Symposium on Drug Abuse:**

NSS wing of University had organised a “Poster Competition”, on Drug Abuse Prevention, on 02nd March, 2017 in which students of all the Departments had taken part with full zeal. The symposium was sponsored by National Institute of Social Defence, New Delhi and organised on 03rd March, 2017. Dr. R C Sahani, Savendana Research Foundation was invited as a chief guest of the function, whereas Dr. Jyoti Sidana, Govt. J.D.B. College, Kota was invited as a Keynote Speaker. Prof. Devedra Vijayvergiya, Head, De - Addiction Department, Medical College, Kota and Urmilla Didi, Prajapati Brahm Kumari University, Kota graced the function with their presence. Function was presided by Prof. N. K. Jaiman, Dean faculty of science. **Dr. Vikrant Sharma** of the department of Social science, had coordinate the program.

6. **Workshop on Latex:**

Department of Computer Science and Informatics, University of Kota had organised a two days workshop on “Latex: An Efficient Documentation Tools”, on 17th – 18th March, 2017, for the faculty members, Ph.D Scholars, P G Students and Industries Persons to attain the knowledge of the software. In the program Dr. Harish Sharma, Rajasthan Technical University, Kota, Dr. Aditya





Mishra, Rajasthan Technical University, Kota, **Prof. Reena Dadhich** and **Mr. K. K. Sharma**, University of Kota, had invited as a resource person.

7. **Workshop on “Fundamentals of Solar Photovoltaics**

In a joint collaboration with Royal Academy of Engineering, U K and FICCI, India, Department of Pure and Applied Physics, University of Kota had organised a Workshop on “Fundamentals of Solar



Photovoltaics”, under the “Newton – Bhabha Higher Education Partnership Project”, on 21st March, 2017. In this workshop, Dr. Douglas Halliday, Durham University, UK was invited as a Keynote Speaker.

8. **Nine days Interaction Program by Experts from the Cranfield University, UK and Durham University, UK:**

Department of Pure and Applied Physics had organized the visit of UK experts from Cranfield University and Durham University to University of



Kota from 15th - 23rd March, 2017 and conducted lesson sharing activities. Dr. Christopher Samson and Dr. Xavier Tonnellier came from Cranfield University, UK and Dr. Douglas Halliday came from Durham University, UK. Lectures were delivered by UK experts on solar thermal and solar photovoltaic technologies. The lectures were attended by faculty members and students from different colleges and universities. UK experts and industry partner Mr. Deepak Gadhia reviewed the research projects of M.Tech. (Solar Energy) students and interacted with them. **Dr. Namrata Sengar** had convene the program.

Excursion Trips:

1. Students of M. Sc. Wildlife semester II along with their course Coordinator Dr. Surbhi Shrivastava visited Kota Zoo on 27th January, 2017 for the detailed Study of Zoo management and different medical techniques applied for animals in captivity.
2. Students of wildlife Science department were invited and worked as volunteers in bird fare organized at Ummedganj Pakshi Vihar near Kota by Hadoti Naturalists Society on 4th - 5th February, 2017.
3. Wildlife Science department of University had also organized a four days trip to Keoladeo national park (Ghana), Bharatpur from 27th February, 2017 to 02nd March, 2017. Students learned various techniques of animal and bird census echogram making and faunal and floral biodiversity assessing techniques. About 150 species of birds and 30 species of

