



INTEGRAL UNIVERSITY

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- Approved by University Grants Commission Under Section 2 (f) & 12B
- Approved by MCI, PCI, INC, CoA, NCTE, U.P.S.M.F.
- Member of Association of Indian Universities
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Newsletter

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Editorial



On account of its educational excellence, credibility and value-based instruction in a highly disciplined and decorous milieu, Integral University has been recognized as a major and top-notch seat of learning all across the length and the breadth of the country. The global world of today is dominated by identity and ideology. The only ideology and identity of Integral University are those of excellence and merit. Our University is a vast treasure house of knowledge. It has more than 1200 duly trained faculty in various departments, who help students become competent professionals and responsible citizens. At the same time it also provides a strong industry-university interface for quality training and proper placement, and imparts value-based quality education to its students hailing from diverse economic and socio-cultural backgrounds. Its brilliantly crafted curriculum is designed to meet international standards. The university has various disciplines of higher studies ranging from Technical education to Humanities and Medical Sciences.

The present issue of Integral University Newsletter is the first in the session 2015-16, and is intended as a prolegomenon to a series of academic events and achievements that our University is going to witness and make. Everyday new challenges glare in the face, following rapid changes in the global scenario, the pulls and pressures of the New-Age technology and the multicultural society and the whispers and half-tones of societal impulses arising from constantly expanding horizons of knowledge, technology and industry. Integral University has always risen to the occasion, producing top-notch intellectuals, scientists, and engineers who are now globally placed, and are virtually in the mainstream of technology, knowledge-domain and engineering. They were once upon a time the aspiring students of Integral University. In this connection I would like to underpin this metamorphosis in my own modest versification:

किनारों पे खड़े होकर देखी थी रवानी मौजों की ।
है आज उन्हीं के हाथों में ये सारी कहानी मौजों की ॥

Kinaro Pe Khade hokar dekhi thi rawani maujo ki,
Hai aaj unhi ke hatho mein ye sari kahani maujon ki.

This has been made possible only because of the tireless and Herculean efforts of the hon'ble Vice-Chancellor, Prof. S. W. Akhtar and his team comprising the PVC, CAC, Directors, Deans & COE. They indeed represent the raison d'etre of Integral University.

I take this opportunity to profusely thank them all and profoundly acknowledge the help and support of Prof. I. A. Khan, Registrar, Mr. Syed Kaleem Akhtar, Dy. Registrar (Academic), and Mr. Seemab Ahmad, Dy. Registrar (Admin.). in the preparation of the current issue of the Newsletter.

I also wish to put on record the assistance rendered by the associate editors, Dr. Amna Shamim, Dr. Hafiz Mohd. Arif and Mr. Syed Wahaj Mohsin, Assistant Professors in the Department of Languages, Faculty of Humanities & Social Sciences, Integral University, Lucknow.

I hereby further acknowledge the help and support of Dr. Naila Ahmad, Ms. Bushra Wadood, Ms. Rupali Mirza, Ms. Mursalin Jahan, and Mr. Mohammad Tariq, all Assistant Professors in the Department of Languages, Faculty of Humanities & Social Sciences, Integral University, Lucknow.

Professor S. Z. H. Abidi
(Chief Editor)

Socio-cultural And Academic Engagements of the Hon'ble Vice Chancellor, Prof. S.W. Akhtar

جس دن سے چلا ہوں میری منزل پہ نظر ہے
آنکھوں نے کبھی میل کا پتھر نہیں دیکھا



1. Prof. S.W. Akhtar, the hon'ble Vice -Chancellor of Integral University, presided over the function and addressed the gathering at the inaugural ceremony of Techno - Academic Sr. Secondary School in view of its recognition by the Central Board of Secondary Education (CBSE) held on 2nd May 2015.
2. Prof. S.W. Akhtar welcomed the Ambassador of Kuwait, H.E. Sami Mohammad Al - Suleman , on his visit to the university in April 2015 and discussed various academic issues, acquainting him with the major roles that the university is playing in the field of modern -technical education and research.
3. Prof. Akhtar presided over a Panel Discussion on “Myths and Facts about Health Issues during Ramadhan Fasting” and made a concluding speech on the topic of the discussion. The function was organized by the Academic Staff College of Integral University on 30th May 2015.
4. In appreciation of his social services and academic contributions for the country and the overseas, “Avadhnama Teachers' Day Award 2015” was conferred on Prof. S.W. Akhtar on 5th September 2015 at NBRI Auditorium, Lucknow.
5. Prof. Akhtar was invited to the 332nd Governing Council Meeting held at Kurukshetra University, Kurukshetra on 16th April 2015. The meeting was organized by the Association of Indian Universities, New Delhi.

6. Prof. Akhtar was invited to the 89th Annual General Meet of the Association of Indian Universities, New Delhi, held at Lovely Professional University, Phagwara, Punjab from 23rd to 25th May 2015.
7. Prof. Akhtar was invited in a 'Round Table Conference' of all the Vice Chancellors of Private Universities held at GLA University, Mathura on 15-16 September 2015.
8. Prof. S.W. Akhtar made a presentation before the NAAC Team regarding the functioning, infrastructure, performance & academic achievements of Integral University, Lucknow.
9. Maulana Syed Mohd Rabey Hassani Nadvi, Rector of Nadwat-ul-Ulema & President, All India Muslim Personal Law Board, was kind enough to call on the hon'ble Vice-Chancellor, Prof. S. W. Akhtar, along with a delegation of Muslim clerics from Nadwa at his residence to congratulate him on his safe return from Haj pilgrimage.



Maulana Syed Mohd Rabey Hassani Nadvi
President of All India Muslim Personal Law Board



Prof. S.W. Akhtar making a speech after receiving "Avadhnama"
Teachers' Day Award 2015"



Hon'ble Vice Chancellor, Prof. S.W. Akhtar giving a memento to the Ambassador of Kuwait, H.E. Sami Mohammad Al-Suleman

Integral University Welcomes...

Prof. Mohammad Zafar Idris



Prof. Mohammad Zafar Idris joined Integral Institute of Medical Sciences and Research as Dean, Faculty of Medicine and Director, IIMS&R in July 2015.

Prof. Zafar is an alumnus of the prestigious King George Medical College, Lucknow, now a Medical University. He graduated in Medicine in the year 1973 and completed his post-graduation in Community Medicine in the year 1977. He was appointed Lecturer/Assistant Professor and promoted to the post of Associate Professor and then

Professor and Head of the Department in the same college/University and voluntarily retired in September 2012.

Prof. Zafar was awarded Common wealth Scholarship in the year 1990 and successfully completed a certificate course in Maternal and Child Health from Liverpool School of Tropical Medicine, affiliated to Liverpool University, United Kingdom.

He also worked as Lecturer in the department of Community Medicine, Alfateh University, Tripoli, Libya during 1981-1984, subsequently as consultant Family Medicine, at Postgraduate Center for Specialty Board, King Fahad Hospital, Madinah-Al-Munawarah during 1996-98 (on extra ordinary leave) and of late as Professor in Family and Community Medicine at King Khaled University, Abha KSA during 2013-15, after taking voluntary retirement.

Prof. Zafar has published more than sixty-five research papers in reputed national and international journals. He has also authored three books. He has worked as Medical Consultant in State Arsenic Task Force as Training consultant in Faith International and has delivered several guest lectures/key note addresses in National institutions and at Miyazaki University, Miyazaki, Japan as well as NIPSOM, Dhaka, Bangladesh.

Prof. V.K. Saxena (AVSM, VSM)



Prof. V. K. Saxena joined as Professor of Surgery and Senior Medical Superintendent of IIMS&R on 1st September 2015. He graduated from Jawaharlal Nehru Medical College, Ajmer and did M.S. (Gen Surgery) from Mumbai University. He subsequently completed his super specialization in Uro-surgery and is today a renowned uro-surgeon with some 250 renal transplants to his credit.

Before taking over the reins of the IIMS&R, he served as the DGHS (Armed Forces) He has commanded INHS Asvini, the premier hospital of the Indian Navy. He was awarded Vishisth Seva Medal (VSM) in 1997 and AtiVishisth Seva Medal (AVSM) in 2007 for distinguished service.

Prof. Shaktidev Mukherjee

After graduating in Electrical Engineering from Bihar College of Engineering, Patna, in 1968, Prof. Mukherjee spent around 5 years in Industry in various places with his major time spent with National Dairy Development Board, Anand, Gujarat. He started his career in teaching and research in 1973 at NIT, Patna and then did his postgraduation and Ph.D. from the then University of Roorkee.

While working as faculty in UOR/IIT Roorkee, he supervised Ph.D.s and Master's dissertations in different disciplines. His main interest was in system modeling and analysis in the beginning, followed by ANN applications in Instrumentation and Control during the last four years of his academic career. He has also worked in the area of biosignal and image processing. During his stay at IIT Roorkee he had also participated in executing sponsored projects from AICTE and CSIR. Prof. Mukherjee had the opportunity to work as the Vice-Chancellor of a University for women in Rajasthan (Mody University of Science & Technology) for two years (2008-10). His post-retirement engagement also included the position of Director General, MET group of Institutes, Moradabad for two years (2013-15). He has recently joined Integral University as Professor Emeritus in the faculty of Engineering.



Dr. Naved Ahmad



Dr. Naved Ahmad joined Integral University as the Librarian-In-Charge on 2nd March 2015. He is young and dynamic with an energy of professionalism and enthusiasm to work in the field of Information Services. As an academic achiever, he completed his Ph.D. in Library and Information Science from Aligarh Muslim University (AMU), Aligarh in 2011. He also holds a Master's degree in Public Administration from AMU.

Dr. Naved has always been eager to work in challenging environments and has tirelessly put in efforts to bring out solutions for complicated problems faced in the path of information flow related to Library & Information Science. He has worked in King Saud University, Kingdom of Saudi Arabia as a Web-Librarian and Information Specialist where he set up a milestone of success and employee ethics. He has also written seven research papers published in National and International journals, including *Emerald*. At present he is the editor of International Research Journal of Library & Information Science, an online quarterly journal.

Orientation Programme at Integral University



Prof. S.W. Akhtar welcoming the new students on the campus



Students participating in the orientation programme

The campus of Integral University came alive on 21st July 2015 as the orientation programme for more than 2600 new undergraduate and postgraduate students of 78 disciplines was held. On the occasion, Prof. S.W. Akhtar, the Vice Chancellor of Integral University, welcomed the new students. He advised the students to make the maximum utilization of the various resources and facilities provided by the university. He further said, “You will be the shining star of this country and fulfil the dreams of your parents and society if you work hard. Be regular and ensure 100 percent classroom attendance”.

The Pro-Vice Chancellor of Integral University, Prof. T. Usmani, in his address, briefed the students about the Academic Departments, Central Library, Examinations, Attendance System and Extra-Curricular Activities. He informed the students that there was no practice etc. of ragging on the campus or in the hostels of Integral University and that the University is well known for its discipline, & strict measures are taken against those found guilty of ragging.

Registrar of Integral University at his usual best

Prof. (Dr.) I.A. Khan, (Registrar, I.U.) is an administrator of good administrative acumen. He works tirelessly to maintain the tempo of the day - to - day functioning of the university. Though holding an administrative post, he employs his varied experiences of being an academic in running his office. It may not be out of place to mention here that he has been professor of Physics at Integral University, Lucknow.



Directorate of Planning & Research surges ahead



Dr. Syed Nadeem Akhtar, Director of Planning & Research, welcoming the Ambassador of Kuwait

The Director, Planning and Research, Dr. Syed Nadeem Akhtar, has been rigorously involved round the clock in using various means and modes to create awareness amongst the aspirants about the various courses running in Integral University.

In the first year of the establishment of the Directorate of Planning and Research (DPR), myriad activities have been performed, which include nationwide strategic marketing with a mix of digital, print and electronic media adopted to create awareness about the various courses in the University; orientation programme organized for newly admitted students of all departments of the University; introduction of the virtual classroom feature in the University called “Google Classroom”, through which teachers and students could easily communicate with each other and share videos, lectures, assignments, announcements, etc. that would help in ameliorating the mode of teaching and, therefore, minimizing the conventional communication gap between the teacher and the taught; introduction of online applications and online entrance examinations for admission to all courses with a view to making Integral University paper-free; establishment of Admission information centre with 24x7 information availability; and interaction with all final-year students of the Faculty of Engineering for their feedback and suggestions.

DPR has also been engrossed in planning activities for the academic upliftment of the University and in figuring out ways to put those plans into action. Some such plans include conducting online skill tests for all final and pre-final year undergraduate students to facilitate them in evaluating their preparedness in general and quantitative aptitude and English comprehension; introducing Microsoft MTA certification for students of Computer Science; establishing MoUs with foreign universities, and collaboration with foreign researchers for theses co-supervision; developing robust student feedback system; developing single-point-access application for all services in the University; developing mobile application for the employee-management system and for the students; establishing Research Advisory Committee (RAC); developing software for management of sponsored projects and consultancy; and obtaining the recognition of the University as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research, Ministry of Science and Technology, Government of India.

Pro-active Initiative of Integral University



Cdr. (Retd.) R.P. Singh (Director, CCG&D) interacting with the students of different Schools & Colleges of Lucknow

Integral University has taken the proactive initiative of an educational tour of Integral University by the senior students of 11th and 12th standards of different schools and colleges. It has been conceived by way of Rite de Passage, which would offer them a variety of avenues to get to know the dynamic Faculty of different departments, energetic students, and state-of-the-art infrastructure of Integral University. The main purpose of this educational visit would be to make the students feel the functioning of, and get soaked in, the academic atmosphere and ambience of a higher educational institution comprising Engineering and Applied Sciences, laboratories and workshops, Medical College, Business School, etc.

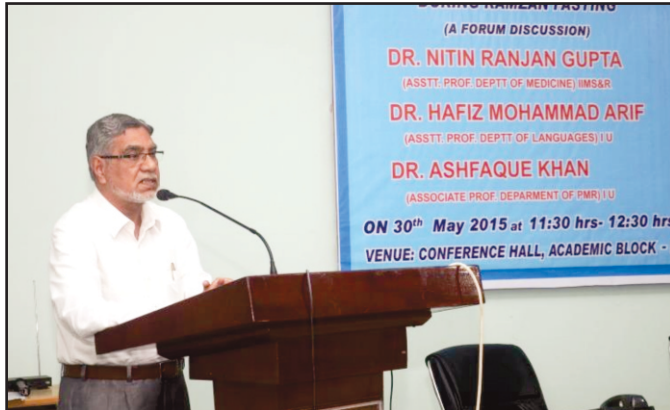
During the visit to the different faculties and departments, the students of schools and colleges will learn a lot about the various programmes, the varied curricula and their growing scopes in the corporate world and industry. During the visit, they will also be introduced to the Choice-Based Credit System. This opportunity will further enable them to interact with senior academicians from the fields of Engineering, Medicine, Science, Arts, Architecture and Management. This will, therefore, facilitate them to wisely choose from different available career options. Their visit to Integral University will be enriched with an expert lecture on career prospects focusing on discussing career options in the current stream of students, career prospects in case students switch over to other streams, professional course or regular course, and regular degree or correspondence degree.

All in all, the students visiting Integral University would stand greatly benefitted by this academic initiative, and would go back with fond memories of the academic aura which could be a concrete reality for them in the near future.



Students visiting workshops & laboratories during the educational tour

Forum Discussion on “Myths and Facts about Health Issues during Ramadhan Fasting”



Prof. S.W. Akhtar delivering his concluding remarks on fasting during Ramadhan



Staff & students listening to the various aspects of fasting

Integral University concluded its 11th Academic session with a forum discussion on “Myths and Facts about Health Issues during Ramadhan Fasting” on 30th May 2015. Prof. S.W. Akhtar, the Vice Chancellor, Integral University was the Guest of Honour while Prof. F.U. Ahmad, former Dean, Integral Institute of Medical Sciences and Research (IIMS&R) was the Chief Guest of the forum.

Dr. Nitin Ranjan Gupta, Assistant Professor, (IIMS&R) and a panelist of the forum, pointed out that as the number of diabetic patients increases at a very fast rate, so are the problems faced by them in day-to-day life. Fasting during the pious month of Ramadhan is one such challenge which is faced by a lot of diabetic patients. They have a fear that a diabetic person cannot keep fast or will have ill effects on their health by fasting. The main theme of this discussion was to allay fear from people's mind and to educate and guide them so that they could safely observe fast during Ramadhan without any ill effects on their health.

Dr. Hafiz Mohd. Arif, the second panelist, Assistant Prof., Department of Languages, Integral University, observed that in order to make mankind strong in all aspects of life, the Wisest of all wisest has prescribed the fasting for 29 or 30 days. The fasting person is expected to put in more efforts in practicing self-control and discipline, controlling anger, refraining from using harsh language or insults, and tolerating, forgiving and respecting others. Fasting teaches us to be more giving and helpful to the needy in our societies.

In his concluding remarks Prof. S.W. Akhtar pointed out that fasting is a special but direct connection between each individual and God, as it brings a person closer to Him and trains his heart and soul to be obedient as well. There is another aspect of fasting, which is societal. Abstaining from food and drink allows the fasting person to feel the suffering of those less fortunate, and stresses each person's human and social responsibility.

Vignettes from the Academic Staff College

Under the able guidance of its Director, Dr. Syed Aqeel Ahmad, Academic Staff College regularly remains involved in organizing various activities in the University for the benefit of the faculty in different departments. These activities include organizing lectures on specialized topics and workshops which consist of lectures along with on-hand practice in specific laboratories. Some of the events organized between April 2015 and October 2015 are listed below:



Dr. Syed Aqeel Ahmad, Director, Academic Staff College addressing the audience



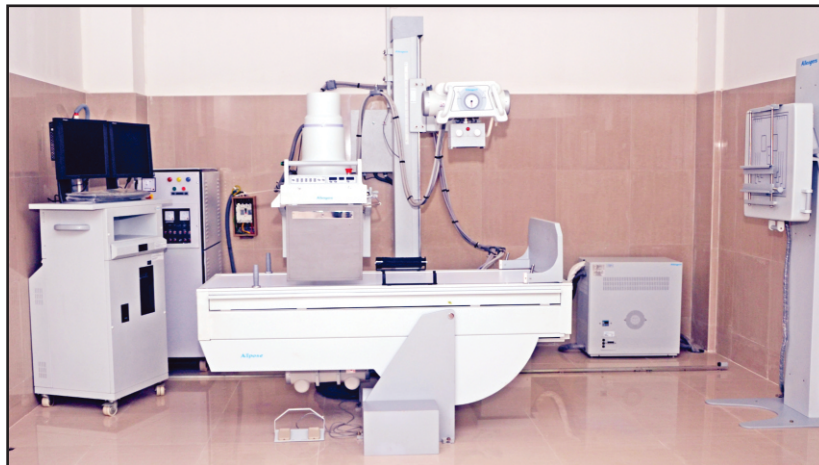
Mr. Girish Kumar, Certified Energy Auditor, delivering a lecture

S.No.	DATE	TOPIC	DESCRIPTION
1	25 th – 29 th May 2015	ICT Based Short Term Programme on “Operationalization of NSQF Community College and Other Skill Development Schemes of GOI” by NITTTR Chandigarh.	This programme aimed at orienting the participants about the National Skill Qualification Framework (NSQF), horizontal and vertical mobility under NSQF, quality assurance, assessment, and certification.
2	30 th May 2015	A Forum Discussion on “Myths and Facts about Health Issues During Ramdhan Fasting” by Dr. Nitin Ranjan Gupta, IIMS&R and Dr. Hafiz Mohammad Arif, Dept. of Languages, Integral University, Lucknow.	Main theme of this discussion was to allay fear from people’s mind and to educate and guide them so that they can safely observe fast during Ramdhan without any ill effects on their health.
3	1 st Aug. 2015	One day Energy Efficiency Programme for Faculty of Integral University by Petroleum Conservation and Research Association (PCRA) by Mr. Girish Kumar, certified Energy Auditor, Specialist in Energy Efficiency and Renewable Energy and Surveyor Safety Audit.	The programme on energy efficiency had provided detailed information on energy efficiency to faculty of Integral University. The proposed topics were energy saving opportunities in domestic, transport and industrial sectors. The topics in Industrial sector covered were energy efficiency for boilers, furnace, electric motors, air compressors, DG Set, HVAC, lighting, steam utilization, energy efficient building design, etc.

4	27 th & 29 th July, 6 th & 17 th Aug 2015	Training Programme on Google Classroom for Department of Computer Science by Syed Nadeem Akhtar, Director, Planning and Research, Integral University, Lucknow.	Google classroom has been introduced in Integral University for easy and smooth communication between faculty members and students.
5	8 th Aug. 2015	Presentation on Indian Citation Index (ICI) by Mr. Prakash Chand, Head, ICI.	ICI is a user-friendly powerful tool to find relevant research literature and to analyze and evaluate research performance of an individual/institute/university, city, state, etc.
6	5 th Aug. 2015	Presentation on Systems Engineering by Dr. Khalid Khan, a Chartered Engineer in UK working as System and Control Specialist with Rolls-Royce, Birmingham.	Dr. Khalid Khan emphasized the importance of system engineering in the field of engineering & discussed in detail about its various aspects.
7	22 nd Aug. 2015	Faculty Development Programme (FDP) in association with Indian Business School (IBS) Gurgaon on "Perspective of Modern Teaching Techniques & Uses of Case Studies Through Experiential Learning" by Prof. Ranjita Gupta and Dr. Shalini Khandelwal, Indian Business	The main aim of FDP is to prepare faculty members for their academic roles and to strengthen an individual's knowledge and skills in the areas of Teaching, Counseling, Research and Administration.
8	24 th – 28 th Aug. 2015	Teachers' Training Programme on "Effective Curriculum Implementation" through ICT mode by NITTTR, Chandigarh.	This training program deals with the current challenges in Technical Education in our country for effective curriculum implementation.
9	15 th Sept. 2015	Expert lecture on "Band Gap Engineering of Metal Oxides" by Prof. Anchal Srivastava. Department of Physics, University of Lucknow. The programme was coordinated by Department of Physics, Integral University, Lucknow.	The lecture was given by an eminent Professor in the field of Physics (Prof. Anchal Srivastava). She disseminated detailed information about Band Gap Engineering of Metal Oxides.
10	10 th Oct. 2015	Expert lecture on 'Research Methodology on 10th October 2015 at 10:30 am by former Dean & Director-in-charge, Indian Institute of Management (IIM), Lucknow and former Director of Jaipuria Institute of Management, Lucknow Prof. S. Chakraborty	Prof. S. Chakraborty has given the insight about the research process. He has described in detail about how a good research can be conducted and explained various stages to conduct it.

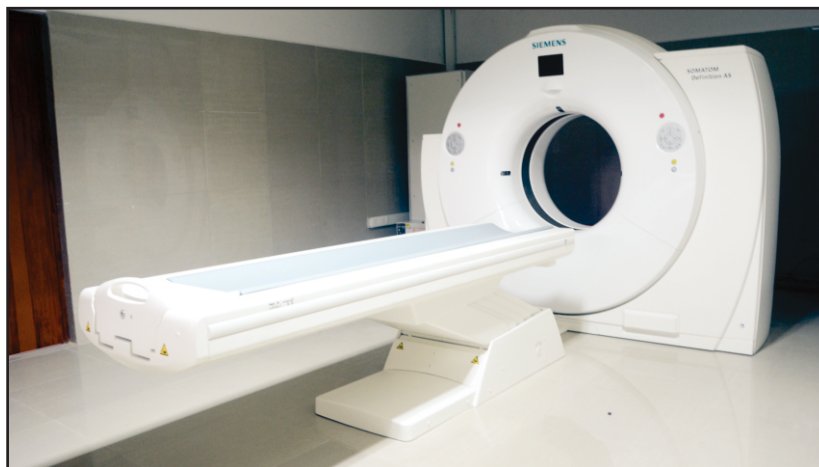
Integral Institute of Medical Sciences & Research in Full Vernal Bloom

Integral Institute of Medical Sciences & Research has been, and still is, the dream project of the Hon'ble Vice Chancellor of Integral University, Professor S.W. Akhtar. With the solid backing of his futuristic and humanistic vision and dynamic leadership, the Institute in the 3rd year of its establishment has become an important teaching hub of medical Education in Uttar Pradesh.



800 mA X-Ray Machine in Radiology Department

The new laboratories have been built with the twin objectives of providing the best teaching facilities according to the students' comfort. For clinical teaching the Critical Care has been strengthened by establishing the Intensive Care Unit with state-of-the-art equipment and is staffed with qualified manpower. Four of the many operation theatres are modern and up to date with all facilities, one of which is connected by an interactive video for students' demonstration. Many changes in the infrastructure have been initiated this year for better outpatient services like access of the OPD/Emergency & Casualty services from the front side of the hospital building. The previous cafeteria area has been renovated and converted to the new registration area for better patient services. The new cafeteria has been established near the Blood Bank of IIMS&R.



Latest Dual Source 128 Slices CT Scan machine

We are pleased to inform that we have procured and installed the latest Dual Source 128 Slices CT Scan machine, 800 mA X-Ray Machine in Radiology Department. A new well equipped Medical Education Unit has been established in Phase-II of IIMS&R for teaching and training of faculty and students as per MCI norms.

Blood donation day was observed and successful voluntary blood donation camps were organized at Blood Bank. IMS&R has also successfully organized medical health camps in the surrounding villages of the area in which free drugs and consultation services were provided with an

overwhelming response from the community. School health services and Public Health Programmes are also being conducted at the Rural & Urban Health Centers in the department of Community Medicine. ICTC and DOTS center have also been started in collaboration with the UP Govt.

We are also pleased to inform that all the faculty and para-medical staff positions have been filled up in view of the MCI inspection. The faculty of IIMS&R is actively involved in various research and academic activities i.e. research publications, conferences, seminars, workshops, CMEs, etc. The 'Integral School of Nursing' has already started functioning and the admissions for the 1st session (2015-16) are in progress.

Procurement Officer honoured with a Letter of Appreciation



Mr. Syed Mohd. Sufiyan Abbasi, Procurement Officer, Integral University, Lucknow was honoured by the hon'ble Vice-Chancellor, Prof. S. W. Akhtar with a Letter of Appreciation for his dedicated services, on-time performance and sincere efforts in the development of the University.

Letter of Appreciation

Congratulations!

On close observations, it has been found that you have been judiciously performing your duties since you joined the University. Your sense of frugality has brought about monetary benefits to the University in many ways. Your valuable contribution in the establishment of the Medical College and University Polytechnic has been remarkable and praiseworthy. Your sense of responsibility, industriousness and sincerity towards the assignments given to you, are highly appreciable and laudable.

I hope that in future too you will maintain the same level of excellence in performing your duties.

(Prof. S. W. Akhtar)
Vice-Chancellor Integral University

Techno-Academic Sr. Secondary School Inaugurated



Shri M.A.A. Fatmi, Ex-Minister of state (HRD) along with Prof. S.W. Akhtar & Mrs. Azra Waseem, Founder Principal of Techno-Academic School, giving a Certificate to the student



Primary & Junior Wing students performing on the stage



Prof. S.W. Akhtar, Mrs. Azra Waseem & Shri M.A.A. Fatmi along with the audience cheering up the students

Under the patronage of Integral University, Lucknow, the Inaugural Ceremony of Techno-Academic Sr. Secondary School was held at Integral University lawns on 2nd May 2015 on account of its recognition by the Central Board of Secondary Education (CBSE). Shri M. A. A. Fatmi, Hon'ble Ex. Minister of State, Human Resource and Development, was the Chief Guest on the occasion. Prof. S.W. Akhtar, the Vice-Chancellor of Integral University, presided over the function, informing the audience and the Chief Guest that the school is committed to excellence in education, and in imparting values essential for nation-building.

Mrs. Azra Waseem, the Founder Principal, Techno-Academic Sr. Secondary School, Sarvodaya Nagar branch, delivered the welcome address and thanked the chief guest for sparing time from his busy schedule for the event. The Annual Report of the school was presented by Maj. (Retd.) M. A.

Siddiqui, the principal of the school's Kursi Road branch. He informed that the students of the school are being prepared for competitive exams, admissions to NDA and for higher education, the result of which was that a reputed Mumbai-based company visited the campus and selected 43 students for an advance course in B.Sc. (Medical Lab Technician) which would be sponsored by the company.

A series of cultural and educational programmes were presented by the students of Techno-Academic School. A cultural programme, Tinytots, was presented by Primary and Junior wing students whereas educational programmes like Cultural Heritage of India, National Integration, Army - show: A Section attack by Soldiers, and show on National Leaders such as Gandhiji, Tipu Sultan, Maulana Azad and Razia Sultan were presented by the senior students. A skit on Girl Child Education and a small act showing the importance of mother and her role in strengthening social relationships were also performed by the students, which was highly appreciated by the audience.

Lecture on Indian Citation Index (ICI) at Integral University



Mr. Prakash Chand, Head, ICI, delivering the lecture

Integral University organized a lecture on Indian Citation Index (ICI) under the aegis of Academic Staff College, Integral University on 8th August 2015. Mr. Prakash Chand, Head, ICI, presented an overview of ICI, including its search and analytical features, power, etc. He briefed the audience about the background of ICI by stating that Indian Citation Index (ICI) was developed as an indigenous National Citation Database. ICI is available for researchers, academicians, editors, planners, and policy makers to understand the research paradigm of the country. While addressing the audience he threw light on the requisites of a good research and also pointed out the difference between References and Citations. He said, "For an effective research paper, the soul of the research should be very sound". During the presentation, Prof. T. Usmani (Pro-Vice Chancellor), Prof. S.M. Iqbal (Chief Academic Consultant), Prof. A.A. Zilli (Dean Engineering), and Cdr. (Retd.) R.P. Singh (Director, CCG&D) were present along with approx. 250 research scholars and students.

Centre for Career Guidance and Development (CCG&D), Integral University



Hon'ble Vice-Chancellor welcoming & presenting a memento to Captain Shishir Ramsay

Summer Training and Industrial Exposure. The Center for Career Guidance and Development (CCG&D) centrally drives the placement efforts, summer training initiatives and personality development of students including mock interviews and GD etc. This year 100% students of the Pre final year were placed for summer training in various reputed private and public sector organizations. Several industrial tours were also organized for students to familiarize themselves with the industry.

Job Placement : CCG&D has once again broken its previous - year record in terms of the placement of Final year students. The center succeeded in placing more than 365 students from 2015 batch in reputed companies. Director (CCG&D) congratulated the 2015-batch students for their participation, the faculty members for preparing the students professionally and CCG&D team for providing opportunities by arranging campus drives. He also congratulated the Aptitude Training Cell (ATC) of CCG&D whose contribution has made a visible impact in enhancing the placement numbers.

The Indian Navy Team visits Integral University. The placement season for the Batch 2016 started with the visit of Indian Navy in Sep 2015. The Navy team visited Integral University for the recruitment of Engineering and B. Arch Final Year students under the University Entry Scheme (UES). Four officers of Indian Navy-Captain Shishir Ramsay, the Team Leader, Lt. Cdr Abhishek Tiwari, Lt. Cdr HK Singh and Mr. Chandan Chauhan visited the University during end Sep 2015. More than 1000 students from different parts of Uttar Pradesh attended this three-day long Campus Placement process. The result of the drive would be declared in Nov 2015.

The Hon'ble Vice Chancellor of Integral University, Prof SW Akhtar, welcomed the Navy delegation. He informed the team that this was the twelfth successful year of the collaboration of Integral University and the Indian Navy since they jointly organized the recruitment drive to provide young engineers to the Indian Navy. He also assured the Navy team that Integral University would continue to participate in this joint venture and help in nation building in future too.

Innovation and consistency : In order to increase the placement percentage, CCG&D is constantly working on new ways and means for making the students industry - ready by organizing various Workshops/Seminars, Mock Tests, Mock GDs and PI, lectures from Industry experts and through alumni interactions.

Initiatives for 2016 batch students : CCG&D has taken several new initiatives and has entered into the following collaborations for providing the best placement support to the University students of 2016 batch:-

- (a) Cocubes.com for online assessments and placement opportunities
- (b) Monster.com for placement opportunities.
- (c) Aspiring Minds for placement opportunities through AMCAT .
- (d) Focus Academy for Pre Placement Preparation / Aptitude training.
- (e) Tie up with The GATE Academy for preparation for GATE 2016.



Captain Shishir Ramsay interacting with the students during recruitment drive at IU

Department of Mechanical Engineering

Activities of the Department:

- Organized a National Level Workshop on Dynamically Remotely Operated Aircraft during 23-25 April 2015 at Integral University, Lucknow in association with Samhams Technologies, India.
- Organized a 20-day (40 hours) training program on “Solid Works Software” in association with CETPA InfoTech Pvt. Ltd., from 23rd March – 24th April 2015.
- Organized an Inter-college Level Quiz Competition “Quizzard-2015”.
Organized a one-day workshop on “Energy Conservation: Need for today” in association with PCRA on 19.08.2015.

Publications:

Dr. Mohd Anas

- “Vibration Analysis of Sandwich Beams Using 3noded Beam Element”, International Journal of structural Mechanics and Finite Elements, Volume 1, issue 1, August 2015.
- “Analysis of Savonius Turbine for Air Striking at Different Angles”, International Journal of Mechanics and Design, Volume 1, issue 1, August 2015.
- “JIT for Productivity Improvement in Indian Automobile Industries: Case Study” International Journal for Science and Advanced Research in Technology, Volume 1, Issue 7, July 2015, ISSN 2395-1052
- “Fly Ash and Bagasse Ash Al-MMCs Izod Test Analysis”, International Journal for Scientific Research and Development, Volume 3, Issue 6, August 2015.

Dr. Shahnwaz Alam

- “Effect of Electrode Wear Rate on Machining of Stainless Steel 202 Using Copper Electrode in EDM”, International Journal of Technical Research and Application, 2015-05-31.
- “Experimental investigation of electrode wear rate on electric discharge machining machine of SS-202 using different electrodes” International Journal of Scientific Engineering and Technology, 2015-06-05.
- “An Experimental Investigation of Electrode Wear Rate (EWR) on EDM of SS-202 Using Different Electrodes”, International Journal of Engineering Research and Technology, 2015-05-15.

- “Mechanism and Elimination of Spatter and Porosity in Gas- Metal Arc Welding of Mg Alloys”, International Journal for Scientific Research and Development, 2015-05-20.
- “Cost Optimization of Abrasive Water Jet CNC Water Filtration Processes by Using Self Proposed Technique”, International Journal of Scientific and Engineering Research, 2015-04-08.
- “Fuzzy Rules Incorporated Skyhooks Theory Based Vehicular Suspension Design for Improving Ride Comfort”, International Journal of Engineering Research and Application, 2015-05-05.
- “Validation of Maximum Temperature During Friction Stir Welding of Butt Joint of Alluminium Alloy by Using Hyper Works” International Journal of Engineering Research Technology, 2015-04-10

Mr. Mohd Suhail

- “Buckling Behaviour of Skew Sandwich Plate Using Numerical Simulation” in International Journal of Engineering Trends and Applications (IJETA).
- “Smart Prediction of surface finishing quality of EN-8work piece by ANN model” in International Journal of Engineering Science and Advanced Technology.

Mr. N.A. Siddiqui

A paper on “Vibration Analysis of Sandwich Beams Using 3noded Beam Element”, International Journal of structural Mechanics and Finite Elements, Volume 1, issue 1, August 2015.

Department of Computer Science and Engineering

- Organized a special lecture on “Wireless Sensor Networks” on 03Aug. 2015. The lecture was delivered by Prof. M. Radhakrishna, IIT, Allahabad.



Electrical and Electronics Engineering/ Electrical Engineering Department

Dr. Asif Jamil Ansari

- Acted as External Examiner for Practical Exam of Electrical Engg. Lab-2 at Department of Electrical Engg., Aligarh Muslim University, Aligarh on 21 May 2015
- Acted as External Examiner for Viva-Voce Examination of M.Tech. Dissertation at Department of Electrical Engg., Aligarh Muslim University, Aligarh on 09 July 2015

Dr. M.A.Mallick, Qamar Alam and Ahmad Faiz Minai

Attended one-day seminar on “Energy Conservation” by P.C.R.A. Lucknow at Integral University, Lucknow on 01 Aug. 2015.

Publications:

- Ahmad Faiz Minai, T. Usmani, M. A. Mallick, “Optimum Sizing and Estimation of a 30kWp Hybrid Solar Photovoltaic System with Multilevel Inverter”, International Journal of Research and Scientific Innovation(IJRSI) ISSN: 2321 – 2705, Research and Scientific Innovation Society, July 2015, Vol. 2, issue 7, page 31-36, Scientific Journal Impact Factor : 2.08 (2014).
- Fatima Yasmeen , Ambreen Siddiqui, Asim khan, Mohammad Saad , “Study of Industrial Crane Automation & Monitoring Based on PLC & SCADA” , International Journal of Electrical and Electronics Research ,Vol. 3, issue 3 ,ISSN 2348-6988. July-September 2015
- Shasya Shukla, Fatima Yasmeen, Prabhat Ranjan Sarkar, “ Controlling the Active Power And Frequency of Single and Multi-Area Interconnected Power System using PID Controller” , International Journal of Engineering Research and General Science, Vol. 3,issue 2, ISSN 2091-2730. March –April 2015.
- Abdussalam, Mohammad Naseem, Akhlaque Ahmad Khan “Fault Analysis in Power transformer using Integrated Fuzzy Controller with DGA Technique” in International Research of Enhanced Researching Science Technology & Engineering, Vol.4, Issue 6 (June 2015) Page No. 599-606 (ISSN 2319 –7463), Available online at: www.erpulications.com (Impact Factor:1.252)
- Abdussalam, Mohammad Naseem, Akhlaque Ahmad Khan “Effect of Switching Angle on Magnitude of Inrush Current and its Second Harmonic of Power Transformer” in International Research of Enhanced Researching Science Technology & Engineering, Vol.4, Issue 7 (July 2015) Page No. 316-323 (ISSN 2319 –7463) , Available online at: www.erpulications.com (Impact Factor:1.252)
- Abdussalam, Mohammad Naseem, Akhlaque Ahmad Khan “Discrimination between Inrush and Fault Current in Power Transformer by using Fuzzy Logic” in International Journal of

application or Innovation in Engineering & Management, (August 2015) (ISSN 2319-4847), Available online at: www.ijaiem.com (Accepted; Impact Factor:4.015)

Department of Bio-Engineering

Publications:

Dr. Mohammed Haris Siddiqui

- Sayeed, U., Jamal, Q.M.S., Khan, M.S., Wadhwa, G., Siddiqui, M.H. and Akhtar, S. In Silico Interaction Analysis of Intracranial Pressure Reducing Agent Mannitol and its Derivatives with Human Serum Albumin. *International Journal of Scientific & Engineering Research*, 2015, Volume 6, Issue 4, 1688-92. [Impact Factor – 3.2]
- Dhasmana, A., Jamal, Q.M.S., Siddiqui, M.H., Kesari, K.K., Wadhwa, G., Khan, S. and Lohani, M. Titanium dioxide Nanoparticles Provide Protection against Polycyclic Aromatic Hydrocarbon BaP & Chrysene Induced Perturbation of DNA Repair Machinery: A Computational Biology Approach. *Biotechnology and Applied Biochemistry*, 2015. Doi: 10.1002/bab.1388. [Epub ahead of print] [Impact Factor – 1.36]
- Agarwal, T., Nithyanan, A., Khursheed, A., Maiti, T., Arsad, H. and Siddiqui, M.H. Molecular docking and dynamic simulation evaluation of Rohinitib - Cantharidin based novel HSF1 Inhibitors for Cancer Therapy. *Journal*, 2015, 61: 141-149. [Impact Factor – 1.72]
- Khan, M.K.A., Siddiqui, M.H., Akhtar, S., Ahmad, K., Baig, M. H., Osama, K. Screening of Plant-Derived Natural Compounds as Potent Chemotherapeutics Agents Against Breast Cancer: An in Silico Approach. *Journal of Chemical and Pharmaceutical Research*, 2015, 7(1):519-526.

Prof. (Dr.) Iffat Zareen Ahmad

- Afroz Jahan, Iffat Zareen Ahmad, Nida Fatima, Vaseem A. Ansari, Juber Akhtar. “Algal Bioactive Compounds in the Cosmeceutical Industry: A Review”, *Phycologia*. (accepted, IF: 2.0).
- Syed Saema, Iffat Zareen Ahmad, Pratibha Misra. “Rapid In Vitro Plant Regeneration from Nodal Explants of *Withania somnifera* (L.) Dunal: a Valuable Medicinal Plant”. *International Journal of Science and Research (IJSR)*, June 2015, 4(6): 1649-1652.
- Mohammad Hayatul Islam, Iffat Zareen Ahmad and Mohammad Tariq Salman, (2015). “Enhancement in Neuroprotective Activities of *Nigella Sativa* Seed during Germination”. *Pharmacognosy Magazine*. May, 2015, 11 (42): 182-189 (IF: 1.52).
- Jitendra Pratap Singh, Anju Bajpai, A.K.Singh, Iffat Zareen Ahmad. “Characterization of Different *Syzygium Cumini* Skeels Accessions Based on Physic-Chemical Attributes and Phytochemical Investigations”. *International Journal of Pharmacy and Pharmaceutical Sciences*, Vol. 7, Issue 5, May, 2015.

Dr. Snober S. Mir

- Saba Sheikh, Anupam Dhasmana, Sahabzada Siddiqui, Safia, Ejazul Haque, Mohd Kamil, Mohtashim Lohani, Mohd Arshad, Snober S. Mir. "Anticancer activity of Cissus Quadrangularis: An In-Vitro 2D Model Based Study", International Journal of Sciences: Basic and Applied Research, 2015.

Mr. Mohammad Aslam Yusuf

- Bhattacharyya D, Gnanasekaran P, Kumar RK, Kushwaha NK, Sharma VK, Yusuf MA and Chakraborty S (2015). "A Geminivirus Betasatellite Damages the Structural and Functional Integrity of Chloroplasts Leading to Symptom Formation and Inhibition of Photosynthesis. J. Exp. Bot. 2015 June 25, pii: erv299 (5-yr Impact Factor = 6.312).

Dr. Mohammad Kalim Ahmad Khan

- Baig M.H, A Khurshid, H. Qambar, Khan M K A, S. Naidu, Kamal M.H and Choi I. "Interaction of Glucagon G-protein Coupled Receptor with Known Natural Anti-diabetic Compounds: Multi-scoring in Silico Approach (2015), Evid Based Complement Alternat Med 2015:01-06, Article ID 497253 (Impact Factor = 1.88)(June 15, 2015).

Mr. Mohammad Haneef

- S. Firdaus, M. Lohani, A. Dhasmana, Mohd. Haneef "Interaction Pattern of Fullerene Family with Different Forms of DNA" in International Journal of Scientific & Engineering Research (6)3:1536-1541(2015). Pubmed Indexed & Impact Factor = 3.2.

Course Completed:

- Mr. Mohammad Haneef Khan successfully completed the General Course on Intellectual Property conducted by WIPO Academy (World Intellectual Property Organization), Geneva, Switzerland.

Research Projects:

Young Scientist Projects Awarded to:

Dr. Alvina Farooqui

- Dr. Alvina Farooqui, Associate Professor (Jr.), Department of Bioengineering, has been awarded "Young Scientist Project" from Uttar Pradesh- Council of Science and Technology, Uttar Pradesh. The project which is titled "Development of novel screening system employing cyanobacteria for toxicity studies of metallic nanoparticles" will have Dr. (Er.) Alvina Farooqui as the principal investigator. This project aims to develop cyanobacteria based screening system for evaluating the toxicity caused by increasing concentrations of environmentally prevalent

metal nanoparticles. This will not only provide us a new and cost effective model system but also allow us to observe the changes caused at cellular and molecular level and also provide us the toxicity data of these pollutants. This is the first, foremost and unusual hypothesis of Dr. Farooqui who will establish cyanobacterial cell lines as a counterpart of mammalian cell lines for toxicity assays of metal nanoparticles.

- **Dr. Salman Akhtar**, Assistant Professor, Department of Bioengineering, Faculty of Engineering has been awarded with prestigious Young Scientist Research Project entitled “Dynamic Structure-Based Pharmacophore Model Development and Role of Dietary Phytochemicals: A Crosstalk and Effective Addition in Anti-Angiogenic Lead Discovery” in the field of Bioinformatics and Computational Biology from Uttar Pradesh Council of Science & Technology (UPCST), Govt. of Uttar Pradesh. The duration of the project is for three years with total funding amounting to Rs. 9,33,000/-. The acclaimed proposal against anti-angiogenic leads certainly creates a platform of novel screening protocols for multiple molecular targets to ascertain the bioactivity of an unknown compound prior to be taken into expensive and tedious drug development protocols in wet lab.

Dr. Mohammed Haris Siddiqui

- **Organizing Secretary** of National Level Conference on “NanoSciences, NanoToxicology and NanoInformatics: Present and Future Perspectives” organized by Department of Bioengineering and Biosciences, Integral University, Lucknow, Uttar Pradesh in collaboration with Department of Nanobiotechnology, Life Science Foundation of India, India, Karnataka on 14th-15th April, 2015 in the auditorium of Integral University, Lucknow. The conference was funded by Uttar Pradesh Council for Science and Technology (UPCST), Lucknow.
- Joint Secretary of 18th Indian Agricultural Scientists and Farmers Congress on “Prospects of Skill Development in Agriculture & Rural Development – A step towards Make in India” scheduled to be organized by Bioved Research Institute of Agriculture & Technology, Allahabad from 20st February, 2014 to 21st February, 2016 in the auditorium of Bioved Krishi Prodyogiki Gram, Allahabad.
- Delivered a lecture on Agri-informatics: Current and Future Perspectives in DBT, Govt of India sponsored National Bioinformatics workshop on “Recent Advances in Bioinformatics: Agri and Biomedical Informatics” from July 23 – 25, 2015 at Biotech Park, Lucknow.

Projects Awarded:

- Project Title: Human Steroid Hormones and Multidrug Resistance in Pathogenic Yeast Sanctioned by Indian Council for Medical Research, New Delhi (ICMR) ICMR- File No.80/906/2014-ECD-I (Rs 12,69,600) Duration : 2015-2018 as Principal Investigator.

Department of Electronics & Communication Engineering

Events Organized:

- A Two-day Workshop was held on April 16 & 17, 2015 by the members of Robotic Society and Concluded with a live Airshow at IU play ground.
- A One-day Workshop was held on “Matlab & Embedded Systems” conducted by Iqra Software Technologies Pvt. Ltd. on March 31, 2015.
- Robotic Society Election was held on March 13, 2015 in the supervision of Prof. S. Hasan Saeed & Prof. P.K.Bharati.
 - 1 President (Mohd. Anas)
 - 1 Sectary (Shrish Bajpai)
 - 1 Treasurer (A.A.Khan)
 - 2 Joint Sectaries
 - 6 Executive Committee Members
 - 1 Vice PresidentAround 75% member use their voting rights
- A One-day training programme on “Energy Efficiency” was attended by Dr. N. R. Kidwai, Dr.Monuauer Alam and Mr.Imran Ullah Khan at Integral University, Lucknow on 1st August 2015.

Publications:

- Mohd.Tausif, Naimur Rahman Kidwai, Ekram Khan, Martin Reisslein. “Fr WF based LMBTC: Memory Efficient Image Coding for Visual sensors”, Sensors Journal, IEEE (Volume:PP, Issue: 99) ISSN :1530-437X,DOI: 10.1109/JSEN.2015.2456332. 14 July 2015.
- Piyush Charan, Tahsin Usmani and Syed Hasan Saeed, “A Comprehensive Study of Various on Demand Routing Protocols for MANETs”, International Journal of Electronics and Communication Engineering, Vol. 4 Issue 2, 2015.
- Mohd Javed Khan, Santosh Kr. Mishra, Dr. S. Hasan Saeed , “Error Resilient Wavelet based SPIHT Coding for Image/Video Over Packet Networks” IJSART - Volume 1 Issue 4 –APRIL 2015 ISSN [ONLINE]: 2395-1052.
- Saif Ahmad, Mohd Javed Khan, S. K. Mishra, Mahfooz Ahmad, “Comparisons between Accordion Discrete Cosine Transform and Accordion Wavelet Transformations for Video” International Journal of Electronics, Electrical and Computational System IJEECS ISSN 2348-117X Volume 4, Issue 4 April 2015.

- Imran Ullah Khan, Dr. M. A. Ansari, “Analysis and Evaluation of Proposed Algorithm for Advance Options of H.263 and H.264 Video Codec”. International Journal of Applied Engineering Research, Research India Publication [Indexing: SCOPUS, EBSCOhost, Google Scholar, JournalSeek, J-Gate. ISSN 0973-4562 Volume 10, Number 11 (2015) pp. 28711-28731.

Faculty of Computer Applications Department of Computer Applications

Publications:

Mr. Mohd. Kalamuddin Ahmad

- “Data Transmit in Communication with Multiprocessor Interconnection: Literature Review”, IJIRIS, volume 2, issue 5, May 2015.
- “A Framework for Embedded Hypercube Interconnection Networks: Based on Neural Network Approach”, International Journal of Computer Applications (0975 – 8887), Volume 120 – No.2, June 2015.

Mr. Mohd. Muqem

- “A Fuzzy based approach for Early Requirement Prioritization”, “ERCICA -2015”, Published in Springer Verlag.

Ms Shahida Khatoon

- Shahida Khatoon, Dr. Rahul Kumar, "Testability Quantification of Object Oriented Design: A New Perspective", IJARCSMS, Volume 3, Issue 4, ISSN: 2321-7782(online), April 2015.

Departmental Activities

Hack-O-Phoenix 2015

Department of Computer Applications, Integral University, Lucknow organized a Two-day workshop on “Ethical Hacking and Information Security”, 19th-20th September 2015 in association with Cyberzone India (P) Ltd. under the aegis of ISTE Chapter. Mr. Mayank Khare, CEO Cyberzone India (P) Ltd., and Mr. Sachin Gupta, Director Cyberzone India (P) Ltd., were the keynote speakers. The workshop was specifically designed to provide the right knowledge to the aspiring Hacking and Cyber Security enthusiasts. This workshop explored the various means that an intruder has, to gain access to computer resources. It investigated weaknesses by discussing the theoretical background behind, and whenever possible, actually performing the attack. Ethical hacking is an important tool in many national security agencies and even companies. The Workshop interactively discussed security approaches, projects, and challenges with Cyber Security experts to help address and identify security gap impact and an approach to address comprehensive security architecture with processes,

multivendor technologies, and organizational personnel. The duration of the workshop was two consecutive days with eight hours session each day, in a total of sixteen hours properly divided into theory and hands-on practical sessions. Mr. Md. Faizan Farooqui, Head, Department of Computer Applications, inaugurated the workshop. Mr. Md. Faisal, Coordinator, ISTE Chapter, proposed the vote of thanks. Around 75 students and more than 20 faculty members participated in the workshop.

Notice Board Expo-2015



Notice Board Expo

The Department of Computer Applications organized an event “Notice Board Expo” for an awareness of current trends and technologies on 5th April 2015. BCA and MCA students participated enthusiastically in the event and bagged various prizes. First position holders were Owais Aftab, Syed Saud Akhtar & Unnati Nigam (BCA 2nd yr Group-B), second position holders were Arpita Bhardawaj, Eqra Naseem & Mohd. Shadab (BCA 2nd yr Group-A) and third position holders were Azkar Ahmad & Ahmad Arif Alvi (BCA 3rd yr).

Faculty of Pharmacy

Faculty Credentials

Research / Review Articles

- M. Khalid, Badruddeen, J. Akhtar, Kuldeep Singh M. Arif. “Pharmacognostical Investigation And Total Phenolic Content Of Dalbergia latifolia, Roxb Bark”, *International Journal of Pharmacognosy*, 2015; 2 (5): 248-253.
- Vanksha Kushwaha, Juber Akhtar, Shazia Usmani, Satya Prakash Singh. “A Review on Fast Dissolving Formulation Technologies”, *WJPPS*, 2015; 4(7): 574-585.
- Reva Tiwari, Vaseem A Ansari, Satyaprakash Singh, Md.khalid, Juber Akhtar. “Liposomes: The Novel Approach in Cosmeceuticals”, *WJPPS*, 2015, 4(6), 1616-1640.
- Widhilika Singh, Satya Prakash Singh, Juber Akhtar, Mehnaz Kamal. “Tea Tree Oil - its Uses and Applications”, *IJPP*, 2015, 1(1), 45-50.
- Muhammad Hamza Khan, Satya Prakash Singh, Vaseem A Ansari, Muhammad Arif, Juber Akhtar, “Intra Nasal Drug Delivery: The Fastest Route to Cross the Blood Brain Barrier and Target the Brain: A Review”, *IJPP*, 2015, 1(1), 35-44
- Tuhina banarjee, Vaseem A Ansari, Satya Prakash Singh, Tarique Mahmood, Juber Akhtar. “A Review on Fast Dissolving Films for Buccal Delivery of Low Dose Drugs”. 2015, 1(4), 117-123.
- Aleza Rizvi, Anuradha Mishra, Abbas Ali Mahdi 2, Mohd Ahmad 2 and Abdul Basit. “Natural And Herbal Stress Remedies: A Review”. *International Journal of Pharmacognosy*, 2015; 2(4):

155-160.

- Aleza Rizvi, Anuradha Mishra , “Psychoneuroimmunology On Herbal Drugs: An Overview”. *Asian Journal Of Pharmaceutical And Clinical Research*, Asian J Pharm Clin Res, 8 (3) 2015, 4-7
- Aleza Rizvi, Anuradha Mishra, Abbas Ali Mahdi, Shadma . “Pharmacognostic Evaluation and Establishment of Quality Parameters of Seeds of Cuminum Cyminum L.” *Indian Journal of Natural Products and Resources*. 2015 6(2), 138-142.
- Tiwari Reshu, Singh Satya P, Kushwaha Poonam, Usmani Shazia. “Fast Dissolving Tablets of Poorly Soluble Drugs: Preparation, Characterization and Evaluation: An Overview”. *IJPP*, 2015, 1(1), 20-34.
- Mohsin Khan, Vaseem A Ansari, Poonam Kushwaha, Arun Kumar, Juber Akhtar. “Mucoadhesive Microspheres for Controlled Delivery of Drugs”. *Asian Journal of Pharmaceutical and Clinical Research*, 2015; 8(4): 17-20.
- Md. Azizur Rahman, Muhammad Arif, Mehnaz Kamal, Arshad Hussain, “Phytochemistry and Pharmacology of Traditionally used Tropical Medicinal Plant Bauhinia Racemosa Lam”. *The Pharma Research*. 2015; 13(1): 26-41.
- S. Khatoon, S. Usmani, M. Arif, “Nephroprotective and Hepatoprotective Effect of Ethanolic Extract of Spondias Pinnata”. *Journal of Chemical & Pharmaceutical Research*, 2015, 7 (3) 722-726.
- Muhammad Arif, Md. Azizur Rahman, Mohammed Imran, Md. Khushtar, Mohammad Khalid. “An Insight of Spondias Mangifera Willd: An Underutilized Medicinal Plant with Immense Nutraceutical and Therapeutic Potentials”. *International Journal of Research In Pharmaceutical Sciences*, 2015, 6 (2), 100-109.
- Mohd. Mujahid, Hefazat H. Siddiqui, Arshad Hussain, Md. Azizur Rahman, Mohd. Khushtar, Yasmeen Jahan. “Phytochemical Analysis and Evaluation of Scavenging Activity of Methanolic Extract of Adenantha Pavonina Linn Leaves”. *Journal of Drug Delivery & Therapeutics*. 2015; 5(3):55-61.
- Shazia Usmani, “HPTLC Fingerprinting and Antioxidant Potential of Methanolic Extract of Digeria Muricata”. *Journal of Chemical and Pharmaceutical Research*. 2015, 7(5):661-665.
- Shazia Usmani , “Nephroprotective and Hepatoprotective Effect of Ethanolic Extract of Spondias Pinnata”. *Journal of Chemical and Pharmaceutical Research*, 2015, 7(3):722-726.
- Talha Jawaid, Piyush Gautam, Md. Azizur Rahman, Mehnaz Kamal. “Estrogenic Activity of Hydro-Alcoholic Extract of Artocarpus Lakoocha Fruit on Female Sprague-Dawley Rats”. *The Pharma Research* 2015;13(1):49-56.
- Talha Jawaid, Roli Gupta, Md. Azizur Rahman, Mehnaz Kamal. “Antidepressant Activity of Alcoholic Extract of the Fruits of Osmanthus Fragrans Lour in Mice”. *Research Journal of Medicinal Plant* 2015;9(4):187-193.

Conference and Seminars:

- Dr. Juber Akhtar, Dr. Badruddeen and Dr. Mohammad Khalid participated in a workshop on “Proprioceptive Neuromuscular Facilitation”, IIMSR, Lucknow, India, 24-25 April 2015.

Books Published:

Dr. Poonam Kushwaha

Handbook of Pharmaceutical Technology, Jaypee Brothers Medical Publishers, India, 2015.



Dr. Juber Akhtar, Head Pharmacy, addressing the 1st year pharmacy students during orientation program.

Extracurricular Activities:

Dr. Badruddeen

- Reviewer: Journal of Applied Pharmaceutical Science and International Journal of Pharmacy and Pharmaceutical Sciences.

Dr. Satya Prakash Singh

- Advisory Board member: International Journal of Genomics and Proteomics, BioInfo Publications.

Reviewer: Powder Technology, Colloids and Surfaces B: Biointerfaces.

World Pharmacist Day

The World Pharmacist day was celebrated by the faculty of Pharmacy, Integral University on 30th September 2015. The event was co-organised by Mr. Syed Kaleem Akhtar, Deputy Registrar, Prof. (Dr.) H.H. Siddiqui, Honorary Dean, Faculty of Pharmacy and Dr. Juber Akhtar, Head, Department of Pharmacy.

The event was inaugurated by the chief guest, Mr. A.K. Malhotra, Assistant Commissioner, Drug Licensing and Controlling Authority, Govt. of Uttar Pradesh.



The highlights of the event included Pharmacist awareness walk followed by scientific quiz, poster presentation session and blood testing camp. The event was attended by many eminent guests & a lecture was delivered by Prof. (Dr.) H.H. Siddiqui on the topic “Drug therapy in elderly people”. The prizes were also distributed to the winner and runner-up students of scientific quiz and poster presentation competition. The programme was concluded with a vote of thanks by the Organizing Secretary, Dr. Juber Akhtar.

Faculty of Physiotherapy Glimpses of Department of PMR (Physiotherapy)



Teachers & the students of the Dept. of Physiotherapy during the conference

S.No.	Name of Conference	Organized	Date	National/ International
1.	National Conference “PHYSIOCON” on Clinical Skill Update on Safe and Effective Physiotherapy on world Physiotherapy Weeks	Collaborated with KGMU, Saify Medical College, at Convention Center KGMU, Lucknow	12 th & 13 th September 2015	National

Faculty Credentials:

1. Dr. Ashfaque Khan
 - Chair Person & Judge for International Conference in 7th Asia Pacific Conference on Exercise and Sports Science (APCESS 2015) from 14-16th Oct, 2015 at Manav Rachna International University, Faridabad, India.
 - Chair Person & Judge in National Conference “Physiocon” on Clinical Skill Update on Safe and Effective Physiotherapy at Convention Center KGMU, Lucknow on 12th -13th September 2015.
2. Dr. Swapnil Ramteke conducted 3 day Hands on workshop on “Kinesio Taping” at Dr. Ulhas Patil College Of Physiotherapy” Jalgaon, Maharashtra in 2015.
3. Dr. Mohd. Javed Iqbal attended National Conference “Physiocon” on Clinical Skill Update on

Safe and Effective Physiotherapy at Convention Center KGMU, Lucknow on 12th -13th September 2015.

4. Dr. Ahmad Merajul Hasan Inam, attended National Conference “Physiocon” on Clinical Skill Update on Safe and Effective Physiotherapy at Convention Center KGMU, Lucknow on 12th - 13th September 2015.
5. Dr. Shabnam Jahan Published Research Article in *Indian Journal of Physiotherapy* titled “Compression of effects of concentric & Eccentric resistance exercise on Dyspnea, Pulmonary Function & Health Status in COPD patients”.

Faculty of Sciences Department of Bio-Sciences

Faculty Credentials:

Prof. Neelam Pathak

Research Publications :

- Ira Chaudhary , Faria Fatima ,Neelam Pathak, Smita Rastogi , Rolee Sharma (2015) Isolation of Lignin Peroxidase- producing Plant Pathogenic Fungus from the effluent sample. *International Journal Advancement in Engineering Technology, Management & Applied Science*, 2 (7)39-46.
- Faria Fatima , Ira Chaudhary , Smita Rastogi, Neelam Pathak (2015) Isolation of a Novel Laccase-producing Fungus from Litter in Upper Soil Horizon, *International Journal advancement in Engineering Technology, Management & Applied Science*, 2 (7)53-60.
- Faria Fatima, Preeti Bajpai, Neelam Pathak , Sarika Singh, Shivam Priya and Smita Rastogi Verma, Antimicrobial and Immunomodulatory Efficacy of Extracellularly Synthesized Silver and Gold Nanoparticles by a Novel Phosphate Solubilizing Fungus *Bipolaris Tetramera*, *BMC Microbiology* (2015) 15:52 DOI 10.1186/s12866-015-0391-y.
- Chhedi Lal Gupta, Salman Akhtar, Uzma Sayeed, Neelam Pathak, Preeti Bajpai. “In Silico Analysis of Human Toll-like Receptor 7 Ligand Binding Domain”. *Biotechnology and Applied Biochemistry* (2015) (Accepted doi: 10.1002/bab.1377).
- Chhedi Lal Gupta, Salman Akhtar, Andrew Waye, Nihar R. Pandey, Neelam Pathak, Preeti Bajpai. “Cross talk between *Leishmania donovani* CpG DNA and Toll-like receptor 9: An immunoinformatics approach.” *Biochemical and Biophysical Research Communications* (2015) 459: 424–429.

Dr. Mohtashim Lohani

Research Publications :

- Poojan S, Dhasmana A, Jamal QM, Haneef M, Lohani M. Comparative Molecular Docking Studies with ABCC1 and Aquaporin 9 in the Arsenite Complex Efflux. *Bioinformation*. 2014 Aug 30;10(8):474-9. doi: 10.6026/97320630010474. eCollection 2014. PMID: 25258480
- Haneef M, Lohani M, Dhasmana A, Jamal QM, Shahid SM, Firdaus S. Molecular Docking of Known Carcinogen 4- (Methyl-nitrosamino)-1-(β -pyridyl)-1-butanone (NNK) with Cyclin Dependent Kinases towards Its Potential Role in Cell Cycle Perturbation. *Bioinformation*. 2014 Aug 30;10(8):526-32. doi: 10.6026/97320630010526. eCollection 2014. PMID: 25258489.
- Haque S, Akhter N, Lohani M, Ali A, Mandal RK. Matrix metalloproteinase-2 -1306 C>T gene polymorphism is associated with reduced risk of cancer: a meta-analysis. *Asian Pac J Cancer Prev*. 2015;16(3):889-96. PMID: 25735378. (IF-2.514)
- Haque S, Mandal RK, Akhter N, Panda AK, Hussain A, Khan S, Lohani M. G894T and 4a/b polymorphisms of NOS3 gene are not associated with cancer risk: a meta-analysis. *Asian Pac J Cancer Prev*. 2015;16(7):2929-37. PMID: 25854385. (IF-2.514)
- Dhasmana A, Mohd Q, Jamal S, Gupta R, Siddiqui MH, Kesari KK, Wadhwa G, Khan S, Lohani M. Titanium dioxide Nanoparticles Provide Protection Against Polycyclic Aromatic Hydrocarbon BaP & Chrysene Induced Perturbation of DNA Repair Machinery: A Computational Biology Approach. *Biotechnol Appl Biochem*. 2015 Apr 23. doi: 10.1002/bab.1388. PMID: 25913286. (IF-1.362)
- Firdaus S, Dhasmana A, Srivastava V, Bano T, Fatima A, Jamal QM, Jahan R, Wadhwad G, Lohani M. Interaction pattern for the complex of B-DNA Fullerene compounds with a set of known replication proteins using docking study. *Bioinformation*. 2015 Mar 31;11(3):122-6. doi: 10.6026/97320630011122. eCollection 2015. PMID: 25987764.
- Khan S, Ahmad K, Alshammari EM, Adnan M, Baig MH, Lohani M, Somvanshi P, Haque S. Implication of Caspase-3 as a Common Therapeutic Target for Multineurodegenerative Disorders and Its Inhibition Using Nonpeptidyl Natural Compounds. *Biomed Res Int*. 2015;2015:379817. doi: 10.1155/2015/379817. Epub 2015 May 4. PMID: 26064904. (IF-1.579)
- Jamal QMS, Dhasmana A, Lohani M, Firdaus S, Ansari MY, Sahoo GC. Binding Pattern Elucidation of NNK and NNAL Cigarette Smoke Carcinogens with NER Pathway Enzymes: an Onco-Informatics Study. *Asian Pac J Cancer Prev*. (Accepted). (IF-2.514)

Books and Book Chapters :

Biotechnology of Bioactive Compounds: Sources and Applications (736 pages)

ISBN: 978-1-118-73349-3

February 2015, Wiley-Blackwell

Ph.D. Guided:

- S.M.A. Shahid: Thesis title “In silico Identification and Characterization of Metal Binding Proteins and their Application in Lead Discovery”.

Dr. Mohd. Sajid Khan

Research Publications :

- Salman Khan, Syed Mohd Danish Rizvi, Mohd Avaish, Mohd Arshad, Pramdeep Bagga, Mohd Sajid Khan*, A novel process for size controlled biosynthesis of gold nanoparticles using bromelain *Materials Letters*, 159 (2015) 373–376.
- Danish Iqbal, M Salman Khan, Mohd Sajid Khan, Saheem Ahmad, Md Sarfaraj Hussain and Mohd Ali. Bioactivity guided fractionation and hypolipidemic property of a novel HMG-CoA reductase inhibitor from *Ficus virens* Ait *Lipids in Health and Disease* (2015) 14:15.
- Varish Ahmad and Mohd Sajid Khan*. Therapeutic intervention and molecular characterizations of bacteriocin producing *Lysinibacillus* sp., nov., isolated from food sample. *Pak. J. Pharm. Sci.*, Vol.28, No.4, July 2015, pp.1337-1344.
- Salman Khan, Mohd Haseeb, Mohd Hassan Baig, Paramdeep Singh Bagga, H.H. Siddiqui, M.A. Kamal, Mohd Sajid Khan* (2015) Improved efficiency and stability of secnidazole-an ideal delivery system. *Saudi Journal of Biological Sciences*. 22; 42–49.

Dr. M. Salman Khan

Research Publications :

- Danish Iqbal, M Salman Khan, Mohd Sajid Khan, Saheem Ahmad, Md Sarfaraj Hussain and Mohd Ali. Bioactivity guided fractionation and hypolipidemic property of a novel HMG-CoA reductase inhibitor from *Ficus virens* Ait. *Lipids in Health and Disease* (2015) 14:15. DOI 10.1186/s12944-015-0013-6.
- Sahir Sultan Alvi, Irfan A. Ansari and M. Salman Khan. Pleiotropic role of lycopene in protecting various risk factors mediated atherosclerosis. *Annals of Phytomedicine*, (2015). 4(1): 1–8.
- Sahir Sultan Alvi, Danish Iqbal, Saheem Ahmad and M. Salman Khan. Molecular Rationale Delineating the Role of Lycopene as a Potent HMG-CoA Reductase Inhibitor: In vitro and In silico study. *Natural Product Research* (2015). (Accepted & in press).

Dr. Priti Bajpai

Research Publications :

- Chhedi Lal Gupta, Salman Akhtar, Uzma Sayeed, Neelam Pathak, Preeti Bajpai. "In silico analysis of human Toll-like receptor 7 ligand binding domain". *Biotechnology and Applied Biochemistry* (2015) (Accepted doi: 10.1002/bab.1377).
- Chhedi Lal Gupta, Salman Akhtar, Andrew Wayne, Nihar R. Pandey, Neelam Pathak, Preeti Bajpai. "Cross talk between *Leishmania donovani* CpG DNA and Toll-like receptor 9: An immunoinformatics approach." *Biochemical and Biophysical Research Communications* (2015) 459: 424–429.
- Faria Fatima, Preeti Bajpai, Neelam Pathak, Sarika Singh, Shivam Priya, Smita Rastogi Verma. "Antimicrobial and Immunomodulatory efficacy of extracellularly synthesized silver and gold nanoparticles by a novel phosphate solubilizing fungus *Bipolaris tetramera*." *BMC Microbiol.* (2015) 15: 391.

Research Project :

- DST SERB -Young Scientist Award in 2015 as Principal Investigator.
Project Title: A novel prophylactic approach exploiting innate immune mediators as promising adjuvant for vaccine against Leishmaniasis.
Fund: Rs. 27 lacs

PhD Awarded:

- Vishal Chandra, awarded in 2015 on Topic: Inhibitory effect of 2,3 -diaryl-2h-1-benzopyran derivative on estrogen-induced Uterine hyperplasia and endometrial cancer.

Dr. Saheem Ahmad

Research Publications :

- Ahmad Saheem*, Zeba Siddiqui (2015). Review. Protein glycation: A firm link to cause metabolic disease and their complications. *Journal of Glycomics and Lipidomics*. 5: 1, 1000127.
- Iqbal D, Khan MS, Khan MS, Ahmad Saheem, Hussain MS, Ali M (2015). Bioactivity guided fractionation and hypolipidemic property of a novel HMG-CoA reductase inhibitor from *Ficus virens* Ait. *Lipids in Health and Disease* 14, 1-15. (I.F. 2.219).
- Ashraf JM, Shahab U, Tabrez U, Lee EJ, Cho I, Ahmad Saheem* (2015). Quercetin as a finer substitute to aminoguanidine in the inhibition of glycation products. *Int. J. Biol. Macro.* 77:188-92. (I.F. 2.858).
- Hasan I, Jabir NR, Ahmad Saheem, Shah A, Tabrez S (2015). Certain phase I and II enzymes as toxicity biomarker: An overview. *Water, Air & Soil Pollution*, 226 (5): 153. (I.F. 1.554).

- Ashraf GM, Tabrez S, Jabir NR, Ahmad Saheem, Hassan I, Alexiou A, Kamal MA (2015). An overview on global trends in nanotechnological approaches for Alzheimer Therapy. *Current Drug Metabolism*, Accepted. (I.F. 2.976).
- Ashraf JM, Rabbani G, Ahmad Saheem, Hasan Q, Khan RH, Alam K, Choi Inho (2015). Glycation of H1 Histone by 3-Deoxyglucosone: Effects on Protein Structure and Generation of Different Advanced Glycation End Products. *PLoS ONE*. 10(6):e0130630. (I.F. 3.234)
- Rahman M, Pathak A, Singh A, Pati BK, Ahmad Saheem, Ovejero CM, Gonzalez-zorn B, Prasad KN (2015). RmtC and RmtF 16S rRNA Methyltransferase in NDM-1 Producing *Pseudomonas aeruginosa*. *Emerging Infectious Diseases*, Accepted. (I.F. 6.751).

MoUs

- Dr. Saheem Ahmad from the Department of Bio-Science and Dr. Mohd. Aslam Yusuf from Bio-engineering recently signed an MoU with Prof. Inho Choi's School of Biotechnology, Yeungnam University, South Korea. The thrust area of the research will be the role of Glycation in Diabetic Obesity and their complications.
- Organizing Committee Member of an International Conference
- Dr. Saheem Ahmad has recently been made an Organizing Committee member of 6th World Congress on Biotechnology to be organized at New Delhi, 05-07 October, 2015.

Dr. Irfan Ahmad Ansari

Research Project Awarded:

- Awarded a research project under Adhoc Research Schemes of Council of Science & Technology (U.P.) Title "A Study to Investigate the Effect of Organosulfur Compounds of Garlic (*Allium sativum*) on the Expression of Different Proteins including HPV E6 and E7 involved in the Pathogenesis of Cervical Cancer". (Ongoing)

Grant Amount: 10.44 Lakh INR., Year of Award: 2015

Recent Publications:

Sahir Sultan Alvi, Irfan A. Ansari and M. Salman Khan. Pleiotropic role of lycopene in protecting various risk factors mediated atherosclerosis. *Annals of Phytomedicine*. 2015, 4(1): 54-60.

Department Of Physics

Presentation competition in the Department Of Physics

On the occasion of 48th Engineers' Day organized by the department of Physics, an oral presentation competition was held on September 15, 2015. Prof. Anchal Srivastava, professor of Physics at Lucknow University was the chief guest on this occasion. Prof. V. S. Chandel, Head, Department of Physics, delivered the inaugural welcome address. There after, presentations by shortlisted students, Vijeta Sah, Avaneesh Pandey and Saqib Khan were made. The titles of the presentations were Click Chemistry, Dendrimersa and Quantum Dots., Prof. Anchal Srivastava also made a scholarly presentation. Prof. Abdul Rahman Khan, Director IQAC & Dean, Sciences, who was the internal expert, presented a memento to the chief guest. Mr. Mohd Avaish, Dr. Mohd Asim Siddiqui and Dr. Parvej Khan, all Assistant Professors in the department of Physics, were the internal members for the screening committee.

Workshop on “Applications of Matlab in Science and Technology”



The Teachers, research scholars & students after successfully conducting the workshop

A one-day workshop under the aegis of Student Chapter of Indian Society of Technical Education (ISTE) was organized on “Applications of MatLab in Science and Technology” on 22nd September 2015 at 9.00 am at Integral University, Lucknow. All research scholars & students of the Master's programme in Physics participated in the programme wholeheartedly. Mr. Nihal Ahmad, the founder and CEO, IQRA Software Technology Pvt. Ltd., Kanpur, was the honoured resource person. He delivered an expert lecture on Basics of MATLAB and Formation of Matrices & its various Operations. Hands-on Training on MATLAB was also done. Prof. Abdul Rahman Khan, Director IQAC & Dean, Faculty of Sciences, presented a memento to the resource person. The vote of thanks was extended by Prof. V. S. Chandel, Head, Department of Physics. The event was followed by a Group Photograph.

Department of Chemistry

“Teacher of the Teacher's Award” bestowed upon Prof. Abdul Rahman Khan



Prof. Abhishek Mishra, Hon'ble Minister, Vocational Education and Skill Development, Uttar Pradesh Govt., presenting “Teacher of the Teacher's Award” by Awadhnama Daily group to Prof. Abdul Rahman Khan, Dean, Faculty of Sciences, & Director, Internal Quality Assurance Cell, on the occasion of Teacher's Day.

Prof. Abdul Rahman Khan

Patent:

- Khan, Mohd. Farhan; Ansari, Akhtar H.; Husain Mohd. Mabood; Khan, Abdul Rahman; Nayeem, Mohd. Rashid; Fabrication of Zinc Oxide Nano Strands with Efficient and Anti Biofilm Activity; Indian Patent Application No. 2233/DEL/2015A. Dated 14.08.2015

Publications:

- Saimah Khan, Abdul Rahman Khan; Toxic Heavy Metal Contamination in Locally Made Plastic Food Container; International Journal of Scientific and Engineering Research; Volume 6, Issue6, June 2015 Edition (ISSN 2229-5518).

Dr. Malik Nasibullah, Dr. Naseem Ahmad, Dr. Firoz Hassan

Publications:

- Malik Nasibullah*, Firoj Hassan, Naseem Ahmad, Abdul Rahman Khan, and Masihur Rahman

“An Overview of Advancements in Tuberculosis Chemotherapy”. Advanced Science, Engineering and Medicine. Vol. 07 (8), P-629-644. August 2015.

Conference /Workshop/ FDP Attended

- Attended Faculty Development Program on “Perspective of Modern Teaching Techniques & Uses of Case Studies through Experimental Learning” organized by Department of Business Management & Academic Staff College, Faculty of Management & Research, Integral University, Lucknow, on 22nd August 2015.
- Attended a Workshop on “Teaching Pedagogy of Marketing” organized by Department of Business Management, Integral University, Lucknow, on 17th March 2015.
- Attended National Conference on “Nanosciences, Nanotoxicology and Nanoinformatics- Present and Future Perspectives” organized by Department of Bioengineering and Biosciences, Integral University, Lucknow, on 14th-15th March 2015.

Dr. Parvej Ali

Publications:

- Parvej Ali, E. Anis, S. Srivastava, M.W. Baig, M. Ahmad “Spectroscopic studies, phonon dispersion and heat capacity of poly (vinylidene chloride)” Journal of Physical & Theoretical Chemistry (Accepted-2015).
- S. Firdause, S. Srivastava, M. Ahmad, S.I. Ansari & Parvej Ali “Poly (Chloro trifluoro ethylene): Normal modes, phonon Dispersion and Heat Capacity” International Journal of Advanced Research, 3(5), 1071-1077, 2015.
- M. Ahmad, S. Srivastava & Parvej Ali "Phonon Dispersion & Heat Capacity of Poly (Y-Ethyl) -L Glutamate" International Journal of Computer & Mathematical Sciences, 4(3), 2015.

Dr. Zulfiqar Ali

Publications:

- Aisha Siddiqui, Zulfiqar Ali, Mohd Sikander, “Status of Ground Water Quality of Commercial and Agricultural Areas of Lucknow, Uttar Pradesh” Journal of Chemical, Biological and Physical Sciences, JCBPS; Section D; August 2015 – October 2015, Vol. 5, No. 4; 4727-4732.
- Aisha Siddiqui, Zulfiqar Ali, S. Malhotra, “Quality of Ground Water of Lucknow City: A Review Article” International Journal of Engineering and Management Research, Volume-5, Issue-2, April-2015 Page Number: 353-357
- Rajneesh Dwivedi and Zulfiqar Ali, “Impact of Electrolytic Clarification on Turbidity of Cane Juice” Journal of Chemical, Biological and Physical Sciences, JCBPS; Section A; May 2015 – July 2015, Vol. 5, No. 3; 2762-2772.

Faculty of Education Department of Education

Departmental Activities:

- A six-day Educational Tour was organized by the faculty of Education to visit Dehradun and Mussoorie from 09-03-2015 to 14-03-2015.
- A three-day Community Service programme was organized by the faculty of Education to visit Palka Village, Kursi Road, Lucknow from 19th March to 21st March, 2015.

Faculty Credentials:

Papers Presented and Published, Edited books, Workshops, Seminars and Conferences attended:

Common Faculty Participation:

- A National Workshop on “Data Analysis by SPSS” organized by Dept. of Mathematics, Integral University, Lucknow on 25th Feb, 2015 was attended by Dr. Adnan Khan Lodi, Dr. Zeba Aqil and Dr. Ali Imam.
- A Workshop on Training Programme Topic “Sharpening the Entrepreneurial Skills” organized by Faculty of Management and Research, Integral University, Lucknow on 3rd September 2015, was attended by Dr. Adnan Khan Lodi and Dr. Zeba Aqil.
- A Seminar on “Multiculturalism- its relevance in present scenario” organized by Management and Research Institute in collaboration with European Academic Research, Romania on 19th Aug, 2015 was attended by Dr. Adnan Khan Lodi and Dr. Zeba Aqil.
- A research paper titled “Attitude towards Distance Education among Graduate Students”. International Journal of Scientific and Engineering Research by Dr. Ekhlak Ahmad and Dr. Zeba Aqil. Volume-6, Issue-8, August 2015. ISSN-2229-5518.
- A research paper titled “Creativity and Achievement Motivation in adolescents as influenced by their Mother's Professionalism”. International Journal of Scientific and Engineering Research by Dr. Zeba Aqil and Dr. Ekhlak Ahmad. Volume-6, Issue-8, August 2015. ISSN-2229-5518.
- A research paper titled “Assessment of Doordarshan Programmes with reference to Language, Pace and Educational objectives”. International Journal of Scientific Engineering and Research by Dr. Ekhlak Ahmad and Dr. Zeba Aqil. Volume-3, Issue-9, Sept-2015, ISSN-2347-3878.
- A research paper titled “A Comparative Study of IQ and EQ in Physically Disabled and Abled Students”. International Journal of Scientific Engineering and Research by Dr. Zeba Aqil and Dr. Ekhlak Ahmad. Volume-3, Issue-9, Sept-2015, ISSN-2347-3878.

Dr. Adnan Khan Lodi (Head)

- A Research Paper on the topic “A role of News Paper regarding on awareness about current affairs and Academics of undergraduate student”. International Journal of Research and

Analytical Review Journal of Education, ISSN. 23348-1269 Print ISSN 2349-5138, April-June, 2015.

- A Research Paper titled “The role of newspaper reading on awareness about health and environment and Entertainment of undergraduate students”. Asian Academic Research Journal of Social Sciences & Humanities. Vol. 02, issue 4, ISSN 2278-859X. Sep. 2015.
- A Research Paper on the topic “Memory and English Language Achievement”. International Journal of Research and Analytical Review. E ISSN. 23348-1269 Print ISSN 2349-5138. July-Sept, 2015. Issue 4 (September 2015) ISSN: 2278 – 859

Dr. Zeba Aqil

- A chapter titled “Eve Teasing: a Psychoanalytic Explication” in *Eve Teasing: A Social Epidemic* edited by Deepa Awasthi, Kalpaz Publication, New Delhi, 2015.
- A Workshop on teaching of pedagogy of marketing, Organized by Dept of Business Management, Integral University, Lucknow, March 17th, 2015.
- Became life member of National Association of Psychological Sciences in July, 2015.
- National Seminar on “Land Reforms and Agrarian Changes in India: Issue and Challenges” at Department of Public Administration, Lucknow University from 22nd to 23rd August 2015.

Dr. Ali Imam

- *Mathematics Achievement Test*. National Psychological Corporation, Agra 2015. ISBN. 978-93-85002-08-3
- A book titled “*School Climate Scale*”. National Psychological Corporation, Agra, 2015. ISBN 978-93-85002-07-6
- A book titled “Learning of Mathematics”. National Psychological Corporation, Agra, 2015. ISBN 978-93-83398-54-6
- A Research Paper titled “A Study of Existing Problems in Collaboration with Industry and Institution in Vocational Technical Education in Lucknow”. *Sai Om Journal of Arts and Education*, Volume 2, Issue 5 (June 2015). Online ISSN-2348-3520
- A Research Paper titled “Institution Industries Linkages in Education Challenges Before Youth”. *Sai Om Journal of Commerce and Management*, 2015 Online ISSN-2347-7563.

Dr. Ekhlak Ahmad

- A Research Paper titled “Need for Change in Higher Examination System” published in *Global Journal of Multidisciplinary Studies*, published May-2015, Volume-4, Issue-6, ISSN- 2348-0459.
- A Research paper titled “Attitude towards Information and Communication Technology (ICT) with reference to Gender” published in International Journal of Applied Research. May 2015, Volume-1, Issue-7, ISSN- 2394-5869.

- A research paper titled “Emotional Intelligence of Pupil Teachers with reference to Stream”. *Global Journal of Multidisciplinary Studies*. July 2015, Volume 4, Issue-8, ISSN-2348-0459.
- A research paper titled “Study of Emotional Intelligence among Pupil Teachers in relation to Gender and Religion”. *International Journal of Applied Research*. August 2015, Volume-1, Issue-9, ISSN-2394-7500.

Mrs. Nikhat Zulekha

- A Research paper titled “Semi-Invariant Submanifolds of a nearly hyperbolic Cosymplectic Manifold with semi-symmetric semi-metric connection” published in International Organization of Scientific Research. April 2015, Volume 2, Issue 2, e-ISSN: 2278-5728, P-ISSN: 2319-765X.

Faculty of Management & Research **Department of Business Management**

Faculty Credentials:

Lectures Attended by the Faculty

- **Dr. Aftab Alam and Mr Habibuddin** attended a lecture on “Reinventing your Leadership Potential” on 8th August 2015 at LMA Conference Hall in the Scientific Convention Centre, Lucknow, delivered by Dr. M. Ashraf Rizvi, a noted Management Expert and, Professor & Director, Jaipuria Institute of Management, Lucknow.
- **Dr. Asma Farooque** attended a lecture on “Brain Development” delivered by Dr. Abhinandan Swaroop at The Rotary Club of Lucknow on 24 July, 2015.

Dr. Adeel Maqbool

- Attended a FDP programme organized by IBS in collaboration with Integral University on “Perspectives of Modern Teaching Technologies and Uses of Case Studies through Experiential Learning” in faculty of Management & Research, Integral University, Lucknow, on 22nd August 2015.

Dr. Anisur Rehman

- Attended a Short-Term Course under QIP on “Branding and Corporate Communications” organized by the Department of Management Studies, Indian Institute of Technology (IIT), Delhi from 8th - 9th August 2015.

Mr. Syed Ahmad Wajih

- Attended three days short-term course on Advance Data Analytic in Management organized by Department of Management Studies at Indian Institute of Technology, New Delhi (IIT-Delhi) from 26th-28th June 2015

- Attended seven days short-term course on Industrial Relation & Make in India Concept organized by Rajiv Gandhi School of Intellectual and Property Law at Indian Institute of Technology, Kharagpur, West Bengal IIT (Kharagpur) from 11-17 July 2015

Ms Aisha Badruddin

- Attended FDP on “Perspective of modern teaching techniques and uses of case studies through experimental learning”, organized by Academic Staff College and Integral University in collaboration with IBS, Gurgaon.

7. Mr. Noor Alam Khan

QIP/TEQIP/Training:

- Attended Short Term Course under Quality Improvement Programme on “Advance Data Analytics in Management” Organized by Department of Management Studies, Indian Institute of Technology (IIT), Delhi held from 26-28 June, 2015
- Attended QIP-Sponsored Certificate Program on “Branding and Corporate Communication organized by Department of Management Studies Indian Institute of Technology (IIT) Delhi held from 8-9 August, 2015.

Papers Published & Presented:

Prof. (Dr.) Aftab Alam

- “India's Agricultural Commodity Trade Relations with China in the Era of Globalization”. ISSN Print: 2394-7500 ISSN Online: 2394- Impact Factor: 3.4 IJAR 2015;1(6): 261-267. www.allresearchjournal.com.
- “Lifestyle of Indian Middle Class Women and Their Consumption Pattern: A Relationship”, *IJSR-International Journal of Scientific Research*. Volume 4 Issue 5, May 2015 ISSN No.2277-8179
- “Role of Media: A Study of a Typical Media in Rural areas of Uttar Pradesh, India”. Volume 6, Issue 07, 2015, (July) ISSN 0976-2183 ISSN No 0978-2183
- “Market Structure Analysis of Health and Wellness Food Products in India”, *British Food Journal*, Vol. 117 Iss 7 pp. 1859 – 1871 Permanent link to this document: <http://dx.doi.org/10.1108/BFJ-12-2014-0438>. 2015

Dr. Anis ur Rehman

- Research paper titled “An Empirical Study of behavioral attributes of Entrepreneurs in Sultanate of Oman”. *Journal of Institute of Environment and Management*, Vol. 8, No. 1, June 2015. ISSN – 0974-4029
- Research paper titled “A Comparative Analysis of Performance of Public and Private Sector Banks in India through CAMEL Rating System”. *International Journal of Applied Financial Management Perspectives*, Vol. 1, May 2015. ISSN: 2279-0896

Ms Rizwana Atiq

- Research paper titled “Indian Middle Class Women: The Upcoming Consumers”. International Journal of Engineering Technology, Management and Applied Sciences, www.ijetmas.com, 2015, Volume 3 Issue 2, ISSN 2349-4476276.
- Research paper titled “Self Image and the Annual Personal Income Of Middle Class Women In India”. International Journal of Engineering Technology Science and Research IJETSR www.ijetsr.com ISSN 2394–3386 Volume 2 Issue 2, 2015.
- Research paper titled “Lifestyle of Indian Middle Class Women: an Analytical Study”. *International Journal Of Scientific Research*, Volume: 4, Issue 3, 2015, ISSN No 2277–8179.
- Research paper titled “Lifestyle of Indian Middle Class Women and their Consumption Pattern: A Relationship”. International Journal Of Scientific Research Volume : 4, Issue 5, 2015, ISSN No 2277–8179.

Ms Orooj Siddiqui

- Research paper titled “Enhancing QWL by Designing a Training Programme for LO Employees at Tata Motors Ltd LKO Plant” in Intercontinental Journal for HRM (ISSN No. 2350-0859) (Impact:0.414) issue-8 Vol. 2 dated August 2015.
- Paper published with topic “Influence of HRD culture on sustainability of organization: A Conceptual approach” chapter in Book with ISBN viz 9789384161897 Title Corporate Social Responsibility Governance and Organizational behavior.

Dr. Yasir Arafat Elahi

- Contributed a chapter Titled “A Critical Analysis of Corruption and its Problems in Kuwait” published in an Edited Volumes of Book Titled “Terrorism, Naxalism, Corruption & Regionalism: Challenges & Threats to development” by Indian Journal of New Dimensions in June 2015. (ISBN 978-81-7889-069-2).
- Research paper titled “A comparative analysis of performance of Public and Private sector banks in India through CAMEL Rating System” published in International Journal of Applied Financial Management Perspectives, Vol 1, May 2015. ISSN: 2279-0896.

Mr. Noor Alam Khan

- Paper on the topic “India's Agricultural Commodity Trade Relation with China in Era of Globalization”. *International Journal of Applied Research*. May 2015 Issue.

Mr. Muhammad Saif Farooqui

- Md. Saif Farooqui. “HMM Based Offline Signature Forgery Detection Offline”. International Journal of Engineering Technology and Computer Research (IJETCR) www.ijetcr.org Volume 3; Issue 2;

Lecture on Project Management



Eminent Scholar and Former Deputy Director General, Ministry of Commerce, Govt. Of India, Dr. Sarvesh Swaroop delivering a lecture on Project Management

A lecture was delivered by Dr. Sarvesh Swaroop in the Department of Business Management on 30th September 2015. Focusing on the topic of project management, he spoke on the marvels of the engineering project, Hoover Dam, on the Arizona Nevada border to tame the Colorado river and provide water and hydro-electric power. Dr. Swaroop informed the students not only about the tools of management but also about the technicalities involved in project management.

Parent-Teacher Meet



Parent-teacher Meetings are an opportunity to communicate with the Students' teacher and hear how the students are performing academically. However, they are also a great way to discuss any troubles or questions as and when required. To meet with the pace of emerging needs and assure the quality, the Department of Business Management organized a Parent-Teacher Meet on 19th September 2015. It was well responded by the Parents. They were briefed about their wards' overall performance by the respective class coordinators and were asked to be strict towards attendance and other academic activities, failing which their wards will not be allowed to appear in any exams.

Debate Competition on Uniform Dress Code

A Debate Competition was organized by the MBA II Year Students on 21st September 2015, on the Topic “Does providing Uniform dress code influence learning environment”. Students from BBA, B.Com and MBA participated in the competition. Altamash khan, BBA II year and Nida Farooque, MBA I year bagged first and second positions respectively.

Integral University participated as academic partner in organizing a summit with ASSOCHAM, New Delhi

Integral University participated with ASSOCHAM in organizing a Summit titled “India: Innovative, Creative and Inclusive” on 21st May 2015 at Hotel Imperial, New Delhi. (Late) Dr. APJ Abdul Kalam, Former President of India had inaugurated the Conference as Chief Guest.



(Late) Dr. A.P.J. Abdul Kalam delivering the inaugural speech



Prof. Aftab Alam, Dean, Management & Research during the summit

Workshops Organised:

- 1 A Workshop was organised on “Teaching and pedagogy of Marketing on 17th March, 2015. Prof. Devashish Das Gupta from IIM, Lucknow spoke on the topic.
2. A Workshop for Management Students was organized on 3rd September, 2015 in collaboration with Lucknow Management Association and ICIR (Institute of Corporate & Industrial Research, Lucknow) on Entrepreneurship.



Prof. Aftab Alam delivering lecture during workshop

3. A Faculty Development Programme on “Perspective of Modern Teaching Techniques & Uses of Case Studies through Experiential Learning” was organised in the Department of Business Management in collaboration with Academic Staff College and IBS Gurgon.
4. A guest lecture on “Consumer Protection Act” was organized on 6th Aug. 2015 in Departmental



Audience attentively listening to the lecture on "Consumer Protection Act"



Students performing during the Business Quiz

Seminar Hall on the topic "Consumer Protection Act 1986". The Speaker, Mr. Abdul Hafiz Gandhi, a prolific author and scholar in the area, spoke on The Consumer Protection.

5. A Business Quiz was organized by the students of Faculty of Management and Research on 13th August 2015 under the coordination of Ms. Orooj Siddiqui.

Industrial Visit Organized

An Industrial visit of MBA I year students was organized on 9th May 2015 to Coca-Cola, Lucknow, and Super House at Unnao. Overall the visit was



Students' Achievements:

A Business Plans' Competition was held among the students of MBA and BBA. This activity gave the much needed boost to the young students to take up the challenge to start their own business and turn out to be great entrepreneurs in times to come.

Faculty of Humanities & Social Sciences

Department of Languages

Guest Lecture:

- Prof. S. Z. H. Abidi (Senior Professor and Head, Department of Languages, & Dean, Faculty of Humanities & Social Sciences) delivered a guest lecture on “Literature and Society” at Amity University, Lucknow Campus on 7th August 2015.

Dr. Naila Ahmad

- Qualified UGC-NET in English, December 2014.

Publications:

Ms. Rupali Mirza

- Paper titled “Condition of Women: In a Literary Perspective”, *Eve Teasing: A Social Epidemic* edited by Deepa Awasthi, Kalpaz Publication, New Delhi, 2015. ISBN 978-93-5128-142-9
- Creative Writing/ Poetry published in the book *Purple Hues* (An International Anthology of Poetry) by Sanmati Publishers and Distributors, New Delhi, ISBN 978-9-3851931-4-9.
- Creative Writing/Poetry published in the book, *Feelings International: A Book of Artists*. ISBN/EAN 13: 151203066X/ 9781512030662.

Dr. Amna Shamim

- A Chapter entitled “A Comparative Analysis of the Portrayal of African Women by Achebe & Ngugi” in the book *Major Voices in New Literatures in English* edited by Dr. Bishun Kumar & Dr. Neha Arora. New Delhi: Atlantic Publishers. May 2015. ISBN 978-81-269-1965-9
- Poems in the book *Purple Hues* (An International Anthology of Poetry) by Sanmati Publishers and Distributors, New Delhi, May 2015. ISBN 978-9-3851931-4-9.
- Poems in the book *Feelings International: A Book of Artists* edited by Dr. Armeli Quezon. June 2015. ISBN/EAN 13: 151203066X/ 9781512030662.

Mr. Mohammad Tariq Faraz:

- “Bhasha and Dalit Literature: A Critical Exploration of K A Gunasekaran's *The Scar*,” *Major Voices in New Literatures in English*. Eds. Kumar, Bishun, Neha Arora. Delhi: Atlantic Publishers, 2015. Print.
- “A Hermeneutical Framework for the Interpretation of Contemporary Narratives,” *Post-1980 Indian English Fiction*. Eds. Puri, Shiv Govind, Nazneen Khan. Jaipur India: Yking Books, 2015. Print.
- “Cinema, Literature and Literary Adaptation,” *Dialogue: A Journal of Literary Appreciation*. Eds. Hajela, S. C., R B Sharma. Volume X. Number 2. December Issue. Print.

Dr. Saheem Ahmad awarded third Extramural Research Project, second in Young Scientist category

Dr. Saheem Ahmad, Assistant Professor in the Department of Bio-Sciences, has been awarded a prestigious Young Scientist project from U.P. Council of Science and Technology, Govt. of U.P. The project which is titled “Immunochemical studies of lipo-protein glycation: Role of Ellagic acid, a new antiglycating agent; in the inhibition of glycation and diabetes mellitus” will have Dr. Saheem as the Principal Investigator. This project will drape in the lane of diabetes mellitus. There is surplus of anti-glycation compounds which were established to be effective against DNA and/or protein glycation but the toxicity concerns of certain antiglycation compounds are still in hotchpotch. Therefore, Dr. Ahmad has decided to work on some naturally occurring compounds, of which Ellagic acid is one. Dr. Ahmad is a nascent young researcher who was earlier given a highly prestigious first International Indo-Russian project from DBT, MST, GoI worth Rs. 72 Lacs and one Young-Scientist project from SERB, MST, GoI worth Rs. 26 Lacs. This project from UP-CST has three years of funding amounting to 10.5 Lacs.



Newton-Bhabha Ph.D. Placement programme under Indo-U.K. Exchange programme awarded to Mr. C.L. Gupta at University of Cambridge, U.K.

Mr. Chhedi Lal Gupta, Research Scholar working under the supervision of Dr. Preeti Bajpai, Associate Professor, Department of Bio-Sciences has been selected for Indo-UK exchange programme under Newton-Bhabha Ph.D. Placement programme at the University of Cambridge, Cambridge, the United Kingdom. The project entitled “An Approach to Elucidate Natural Compounds as Novel Immunomodulators Employing Endosomal Toll-like Receptors” will be carried out by Mr. C.L. Gupta in the UK under the host supervisor, Dr. Andreas Bender, Lecturer in Molecular Informatics, Centre for Molecular Informatics, Department of Chemistry, the University of Cambridge. This project will wrap up the broad area of immunology by searching of novel immunomodulatory compounds using different bioinformatics approaches. Mr. Gupta is a very dynamic and young researcher who has also recently received a highly prestigious INSPIRE Fellowship from the Department of Science & Technology, Government of India, New Delhi for pursuing his doctoral programme at the Department of Bio-Sciences, Integral University, Lucknow.



Achievements of Central Library



The inner view of the gigantic Central Library

The Integral University Library System (IULS) comprises a Central Library and Departmental Libraries which collectively support teaching, research and extension programmes of the University. The Central Library houses a rich collection of about 10 lac documents consisting of books, theses, journals, dissertations and CDs/DVDs in the fields of Applied Sciences, Bio-Sciences, Engineering, Medical Sciences, Education, Humanities, Literature and Management.

Sports Activities



The Student, Kripanshi Vats, won the Silver Medal in 400 mtr race in Udghosh-15 held at IIT Kanpur



The Students of the University at Lawn-Tennis Court



The Students of the University at Basket-Ball Court

Integral University Prolepsis...

- Convocation 2015 (Nov. 01, 2015)
- Fiesta 2015 (Nov. 01-03, 2015)
- First International Conference of Integral University to be organised by the Departments of Biosciences and Bioengineering, 14-16 November 2015.

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