



ANNUAL REPORT

2016-17

HUMAN RESOURCE DEVELOPMENT CENTER
INTEGRAL UNIVERSITY

INTEGRAL UNIVERSITY, LUCKNOW

HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)

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HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

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Under the national policy on education (NPE) 1986, to achieve continuous knowledge up-gradation, capacity building and motivation of teachers for accepting modern day challenges, Integral University constituted an Academic Staff College (ASC) in its campus at Dasauli, Kursi Road, Lucknow on June 26, 2013, with following objectives:

- To improve the art of teaching.
- To upgrade the skill of teaching faculty.
- To achieve goals of higher education.
- To carry out the programmes of the Personality Development and Creativity in students.
- To promote Computer Literacy as well as use of ICT in teaching and learning process etc.

Later on Academic Staff College is renamed as Human Resource Development Center (HRDC) as per the new terminology introduced by Ministry of Human Resource & Development, Government of India. HRDC works continuously to achieve predefined goals as stated above. HRDC organises many expert lectures, faculty development programmes, skill enhancement workshops, seminars, short term courses etc. in association with several departments of Integral University in pursuit of the established targets. Total **Two** Short Term Courses (STC), **Two** Faculty Development Programmes (FDP), **Five** Workshops/Symposiums/Seminar and **Three** Awareness Programmes/Training Programmes/Expert Lectures were conducted by HRDC, Integral University, Lucknow.

A glimpse of HRDC activities in the year 2016-17 broadly classified under different heads is presented below:

Short Term Courses (STC)			
S.No.	Title	Sponsor/Collaborator	Date
1	Short Term Course on "Tools for Engineering Research"	National Institute of Technical Teachers Training & Research, Chandigarh	30 th January to 3 rd February, 2017
2	STC on "Artificial Neural Network and Fuzzy Logic (ICT04)"	National Institute of Technical Teachers Training & Research, Chandigarh	24 th April to 28 th April, 2017



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Faculty Development Programmes (FDP)			
S.No.	Title	Sponsor/Collaborator	Date
1	Short Term Course on “How to Teach Effectively”	Centre for Academic Leadership & Education Management (CALEM), Ministry of Human Resource Development, Government of India and UGC Human Resource Development Centre (HRDC) Aligarh Muslim University, Aligarh	2 nd August to 8 th August, 2016
2	IIRS ISRO Outreach Programme on “Microwave RADAR Remote Sensing and Its Applications”	Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun, India	10 th April to 27 th April, 2017
Workshops/Symposiums/Seminar			
S.No.	Title	Sponsor/Collaborator	Date
1	Seminar on “Healthy Campus Campaign-II: Thyroid Detection & Awareness”	Integral Institute of Medical Science & Research	3 rd September, 2016
2	Workshop on “Muscle Energy Techniques in Spine & Pelvic Complex Dysfunction”	Integral Institute of Medical Science & Research	26 th November & 27 th November, 2016
3	IIRS Outreach Programme on “Remote Sensing and GIS Applications in Carbon Forestry”	Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun, India	16 th February to 10 th March, 2017
4	Workshop on “Python”	Department of Computer Science, Integral University, Lucknow	18 th March & 19 th March, 2017
5	International Symposium on “Computational and Characterization Techniques in Engineering & Sciences - CCTES-17”	Department of Electronics & Communication Engineering, Department of Electrical Engineering, Department of Physics Integral University, Lucknow	20 th March, 2017



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Awareness Programmes/Training Programmes/Expert Lectures			
S.No.	Title	Sponsor/Collaborator	Date
1	Guest lecture “Seismic Microzonation Study Relevant to Risk Management and Urban Earthquake Vulnerability Reduction”	Director (Geophysics) Geological Survey of India	11 th August, 2016
2	Training Program on “Academic Leadership”	Centre for Academic Leadership & Education Management (CALEM), Ministry of Human Resource Development, Government of India and UGC Human Resource Development Centre (HRDC) Aligarh Muslim University, Aligarh	11 th January to 17 th January, 2017
3	Training Programme on “Academic Leadership”	Centre for Academic Leadership & Education Management (CALEM), Ministry of Human Resource Development, Government of India and UGC Human Resource Development Centre (HRDC) Aligarh Muslim University, Aligarh	17 th March to 23 rd March, 2017

The HRDC is working in close coordination with various departments of Integral University, Government agencies and several other entities of national & International Repute. Aim of the HRDC is to become the center of excellence and a proven tool in the development and upgradation of the faculty members and country thereon.



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Short Term Course on

“Tools for Engineering Research”

(HRDC, Integral University, Lucknow, a Remote Center of NITTTR, Chandigarh)

30th January to 3rd February, 2017

Human Resource Development Centre (HRDC), Integral University, Lucknow is one of the Remote Centre of Ministry of Human Resource Development, Government of India's National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh. Being a Remote Centre, a five day Short Term Course (STC) through Information and Communication Technology (ICT) on **“Tools for Engineering Research (ICT43)”** has been organized at HRDC, Integral University from 30th Jan to 3rd Feb 2017. The local coordinator of NITTTR remote centre is Mrs. Sheeba Praveen, Assistant professor, Computer Science & Engg. Deptt., Integral University. She and her team worked rigorously for making this course a success under the guidance of Director HRDC.



Apart from faculty members of Integral University, the STC was also attended by faculty members of other Universities, Institutes and Polytechnics in Lucknow like Lucknow University, Babu Banarsi Das University, Shri Ramswaroop Memorial University, Babu Banarsi Das National Institute of Technology & Management, Shri Ram Murti Smarak College of Engineering & Technology etc. Overall one hundred forty four participants got



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benefited from this STC.

The technical sessions constituted of a wide variety of topics taken by a team of experts viz.:

- Concept of Scientific Research and Methods for Conducting Scientific Enquiry by Dr. H.K Sardana, Chief Scientist, CSIO, Chandigarh.
- MATLAB/SIMULINK Simulations and its interface with Hardware (Dspace and Arduino) by Mrs Swati Singh Assistant Professor, Electronics and Communication Engg. Deptt., Meerut Institute of technology, Meerut
- LABVIEW and its hardware interface for engineering research by Mr. Amandeep Sharma, NITTTR, Chandigarh
- Optimization in Engineering Research by Dr. RanjanaSodhi, Astd. Professor, Dept. ofElectrical Engg., IIT Ropar,
- Statistics for engineering research by Dr. Reji B, Assistant Director, Labour Bureau(Govt. of India)
- Chandigarh, Latex / Mendeley for thesis writing by Ms. Preethi Kumari, NITTTR, Chandigarh
- Plagiarism checker by Mrs. Shimi. S.L, Assistant Professor, Electrical Engineering Department, NITTTR, Chandigarh



Overall the STC provided the much needed and timely insights on various aspects of carrying out research and its implementation.



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STC on “Artificial Neural Network and Fuzzy Logic (ICT04)” (HRDC, Integral University, Lucknow, a Remote Center of NITTTR, Chandigarh) 24th April to 28th April, 2017

Human Resource Development Centre (HRDC), Integral University, Lucknow is one of the Remote Centre of Ministry of Human Resource Development, Government of India's National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh. Being a Remote Centre, a five day Short Term Course (STC) through Information and Communication Technology (ICT) on “Artificial Neural Network and Fuzzy Logic (ICT04)” was organized at HRDC, Integral University from 24th April, 2017 to 28th April 2017.



Apart from faculty members of Integral University, the STC was also attended by faculty members of other Universities, Institutes and Polytechnics in Lucknow like Lucknow University, Babu Banarsi Das University, Shri Ramswaroop Memorial University, Babu Banarsi Das National Institute of Technology & Management, etc. Overall Seventy Eight participants got benefited from this STC.



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The technical sessions constituted of a wide variety of topics taken by a team of experts viz.:

- Concept of Artificial Neural Network and its application in pattern recognition, classification and optimization by Dr. Maitreyee Dutta, Professor, CSE Department, NITTTR, Chandigarh.
- Hopfield network and Self Organizing Map by Dr. H.K Sardana, Chief Scientist, CSIO, Chandigarh.
- MATLAB implementation of algorithms for various applications by Dr. Renu Vig, Director UIET, Chandigarh.
- Knowledge of Fuzzy Logic and its applications by Mrs. Shano Solanki.
- Back propagation algorithm by Dr. Maitreyee Dutta, Professor, CSE Department, NITTTR, Chandigarh.
- ART network by Dr. Maitreyee Dutta, Professor, CSE Department, NITTTR, Chandigarh.

Overall the STC provided the much needed and timely insights on various aspects of carrying out research and its implementation.



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Short Term Course on “How to Teach Effectively” 2nd August to 8th August, 2016

Centre of Academic Leadership and Education Management (CALEM), established under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMNMTT) scheme, initiated by Ministry of Human Resource Development (MHRD), Government of India. As one of the CALEM's Regional Center, the Human Resource Development Centre (HRDC), Integral University has organized one week Short Term Course (STC) on “How to Teach Effectively” for faculty members of Minority Managed Academic Institutions from 2nd to 8th August 2016.



Sixty five participants from various Institutions have participated in the STC. Senior professors and eminent personalities delivered Lectures as well as Hands-On sessions on various important topics were also conducted. On the day 1 (02 -08 -2016), after inaugural session, Prof. Nasreen, Dept. of Education, AMU, Aligarh taken up two sessions on “Teaching Skills”. On day 2 & 3 (03-08-2016 to 04-08- 2016), Prof. Shahid Farooq, Dept. of Geology, AMU, Aligarh took total Six sessions covering “How to Teach Effectively”, “Use of ICT in Education”, “How to Communicate using Multimedia” and “Use of Virtual Globes for Effective Teaching” including two sessions of Hands-On exercise each day. On day 4 & 5 (05-08-2016 to 06-08-2016), Prof. Sajid Jamal, dept. of Education, AMU, Aligarh took Six sessions covering various important topics on “Evaluation & Feedback for Effective Teaching”, “Planning & Management for Effective Teaching”, “Motivating the Students for Learning”, “Building Interpersonal Relationship” and “Teacher as a Counselor”. Dr. Faiza Abbasi, Assistant Director, UGC-HRDC, AMU, Aligarh, on the last day i.e 08/08/2016, delivered excellent lectures in two sessions



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covering “Communication Skills for Teaching Effectively” and “Group Discussion and Feedback”.



STC completed with a grand Valedictory session on 8th August 2016, Chaired by Prof. T. Usmani, Pro-Vice Chancellor Integral University, Lucknow. Guest of Honor of Valedictory session was Dr. Faiza Abbasi, Asst. Director UGC-HRDC AMU and Prof. Mohammad Zafar Idris, Dean, Integral Institute of Medical Science & Research (IIMS&R). Short Term Course ended with Certificate distribution by dignitaries to all the participants.





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20- IIRS ISRO Outreach Programme on “Microwave RADAR Remote Sensing and Its Applications” (Human Resource Development Center, Integral University, Lucknow) 10th April to 27th April, 2017

Human Resource Development Centre (HRDC), Integral University Lucknow is one of the Remote Center of Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India. Human Resource Development Centre, Integral University, Lucknow had successfully organized the 57- IIRS ISRO Outreach Programme on **“Microwave RADAR Remote Sensing and Its Applications”** on 10 April– 27 April, 2017 for working professionals and students in association with Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun.

Indian Institute of Remote Sensing (IIRS) a constituent unit of Indian Space Research Organization (ISRO) is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geo Informatics and GNSS Technology for Natural Resources, Environmental and Disaster Management. Formerly known as Indian Photo-interpretation Institute (IPI), founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia.

The technical sessions constituted of a wide variety of topics taken by a team of expert's viz.:

- Overview of Microwave RADAR Technology
- Overview to Remote Sensing
- Introduction to Microwave RADAR Remote Sensing
- Microwave remote sensing: Active and passive etc.

Overall, **Forty Five Participants** attended the program and got benefitted.



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One Day Seminar on

“Healthy Campus Campaign-II: Thyroid Detection & Awareness”

3rd September, 2016

Human Resource Development Center, Integral University, Lucknow in collaboration with Integral Institute of Medical Science & Research (IIMSR) Lucknow, successfully organized a One Day Seminar on **“Healthy Campus Campaign-II: Thyroid Detection & Awareness”** 03rd September 2016

Mr. Zishan Raza Khan, Dy. Director HRDC, Integral University welcomed the participants in the inaugural session and introduced the seminar. They talked about the importance of health and hygiene in the present scenario and what precaution to be take to keep our self healthy

In the one-day program, the learned doctors of this specialized field namely Dr. Nitin R Gupta, IIMSR, Integral University, Lucknow, Dr. Seema Singh, IIMSR, Integral University, Lucknow, Dr. Sufiyan Athar, IIMSR, Integral University etc. spoke on the subjects of their expertise i.e. “Think Life, Think Thyroid,” “Girls! Control Thyroid & Get Better Life,” “Homeopathy Safe Effective & Easy to Administer,” etc. The participants came from many departments of the University and medical college.


At the end Mr. Zishan Raza Khan, Dy. Director, HRDC proposed the vote of thanks; Mr. Khan congratulated the HRDC & IIMSR Team for their tireless efforts to make the Program a successful event.


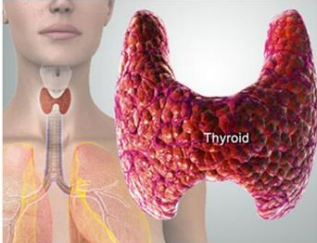


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Glimpse of Healthy Campus Campaign-II: Thyroid Detection & Awareness Program


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HRDC & IIMS&R
Organizes
HEALTHY CAMPUS CAMPAIGN-II
Thyroid Detection & Awareness

"Think Life Think Thyroid"
--Dr. Nitin R Gupta

 **Speakers:**
Dr. Nitin R Gupta
Dr. Seema Singh
Dr. Sufiyan Athar

03rd September 2016 at 1:00 pm
At Central Auditorium, Library Building, Integral University

 INTEGRAL UNIVERSITY HRDC & IIMS&R Organizes HEALTHY CAMPUS CAMPAIGN-II Thyroid Detection & Awareness	 INTEGRAL UNIVERSITY HRDC & IIMS&R Organizes HEALTHY CAMPUS CAMPAIGN-II Thyroid Detection & Awareness	 INTEGRAL UNIVERSITY HRDC & IIMS&R Organizes HEALTHY CAMPUS CAMPAIGN-II Thyroid Detection & Awareness
 	 	 
"Think Life Think Thyroid" --Dr. Nitin R Gupta	"Girls! Control Thyroid & Get Better Life" --Dr. Seema Singh	"Homoeopathy- Safe, Effective & Easy to administer" --Dr. Sufiyan Athar
 Speakers: Dr. Nitin R Gupta Dr. Seema Singh Dr. Sufiyan Athar	 Speakers: Dr. Nitin R Gupta Dr. Seema Singh Dr. Sufiyan Athar	 Speakers: Dr. Nitin R Gupta Dr. Seema Singh Dr. Sufiyan Athar
03rd September 2016 at 1:00 pm At Central Auditorium, Library Building, Integral University	03rd September 2016 at 1:00 pm At Central Auditorium, Library Building, Integral University	03rd September 2016 at 1:00 pm At Central Auditorium, Library Building, Integral University

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Workshop on

**“Muscle Energy Techniques in Spine & Pelvic Complex Dysfunction”
conducted at Department of Physiotherapy, Integral University, Lucknow
26th November & 27th November, 2016**



Inaugural Session



Group Photo of dignitaries

Workshop on “Muscle Energy Techniques in Spine & Pelvic Complex Dysfunction” was conducted at Department of Physiotherapy, Integral University Lucknow, on 26th & 27th November 2016. The workshop was inaugurated on 26th November 2016. The Workshop



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was organized under the aegis of Human Resource Development Center. The inaugural event was blessed by the presence of Dean/ Director **Prof. Dr. M. Z. Idris**, **Dr. V. K. Saxena**, Vice Dean-Hospital Affairs, **Dr. M. N. Siddiqui**, Medical Superintendent, **Dr. Syed Aqeel Ahmad**, Organizing Chairman & Director ,HRDC, and **Dr. Ashfaq Khan**, Principal , IIAHS&R & HOD, Department of Physiotherapy , Integral University, Lucknow and renowned Senior faculty members from IIMS&R.

Dr. Senthil P. Kumar (PT), Professor & Head Department of Physiotherapy, Sharda University, Greater Noida, U.P. was the invited resource person Dr. Senthil P. Kumar (PT) in his workshop enlightened the students with basic concepts in MET initially followed by advanced techniques of evaluation and understanding spine related pathologies. He demonstrated some excellent hands-on techniques in MET which can give instant beneficial results to the patients suffering from spinal and Pelvic Dysfunctions.

Dr. Senthil P. Kumar (PT) also gave some valuable suggestions to the students for increasing efficient learning. The students were provided with the certificates for their participation in workshop. The students from Bachelors of Physiotherapy and Masters of Physiotherapy were overwhelmed and confident after the completion workshop. The smooth and successful planning of the workshop was possible under the able guidance from organizing chairman, **Dr. Syed Aqeel Ahmad**. He provided vital time and suggestions to accomplish the workshop in well planned manner.

Dr. Ashfaq Khan (PT), Organizing Secretary expressed his gratitude to the speaker and all faculty members students and non-teaching staff for their contribution to make the workshop a grand success.



Practical demonstration by Recourse Person



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Group Photos after certificate distribution



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19th IIRS Outreach Programme on

“Remote Sensing and GIS Applications in Carbon Forestry”

16th February to 10th March, 2017

The Department of Electronics and Communication Engineering under the aegis of Human Resource Development Center (HRDC), was organized the 19th IIRS Outreach Programme on “Remote Sensing and GIS Applications in Carbon Forestry” from February 16, 2017 to March 10, 2017 in association with Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun, India. Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organization (ISRO) is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geo Informatics and GNSS Technology for Natural Resources, Environmental and Disaster Management.

The coordinator of IIRS Outreach Programme is Mr. Imran Ullah Khan, Jr. Associate Professor, Electronics & Communication Engineering Department, Integral University.

Following topics were covered during the outreach programme:

- ❖ Global carbon cycle & climate change: An overview;
- ❖ Forest-based strategies for mitigating climate change;
- ❖ Global Earth observation initiatives for carbon forestry;
- ❖ Spectral signature of vegetation and factors affecting spectral response;
- ❖ Application of satellite remote sensing in mapping and monitoring of forest cover and land use;
- ❖ Application of satellite remote sensing in mapping and monitoring of forest carbon degradation ;
- ❖ Application of satellite data in forest sampling design for biomass/carbon quantification;
- ❖ Application of optical remote sensing in forest biomass/carbon estimation;
- ❖ Application of high resolution data for forest biomass/ carbon inventory;
- ❖ Application of LiDAR in mapping of forest structure and biomass/carbon estimation;
- ❖ Application of microwave remote sensing in forest biomass/carbon estimation;
- ❖ Application of eddy covariance technique in carbon flux measurement and modelling;
- ❖ Application of satellite remote sensing in near-real time forest fire assessment and monitoring;
- ❖ Application of satellite remote sensing in forest biomass burning and carbon emission monitoring;
- ❖ Application of Geoweb portals and services in forestry studies

Overall this outreach programme provided the much needed and timely insights on various aspects of carrying out research and its implementation.



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Workshop on

“Python”

18th March & 19th March, 2017

Competitive Examination Preparation Committee (CEPC), Department of Computer Science and Engineering has organized a two-day workshop for B.Tech (CSE), MCA and BCA students on **"Python"** along with a mini project, under the aegis of Human Resource Development Centre (HRDC), Integral University, Lucknow.

The workshop has been conducted by various experts from Softpro India, Computer Technologies (P) Limited, led by Mr. Brijesh Mishra (Sr. Manager IT).

The workshop has covered following topics with hands-on sessions for each:

- Introduction, Market value and features of Python.
- Installing Python, Setting Path, its Keywords and Identifiers, General programming constructs such as Decision, Loop Controls, String Manipulation.
- Working with Python List, Tuples and dictionary, Object Oriented Programming concepts in Python.
- CGI Programming, Web Server support and configuration,
- Use of Cookies, GET and POST methods for passing information, Database handling Development of web layout.
- Introduction of Django Framework.
- Mini project

The workshop was attended by around 180 students and 30 faculty members. It was a good learning and memorable experience for students and faculty members. This workshop helped the participants in adding value to their knowledge. They praised the workshop for focusing hands-on and activity sessions. It was ended with a mini project, developed by students.





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International Symposium on “Computational and Characterization Techniques in Engineering & Sciences- CCTES-17” 20th March, 2017

Organized on March 20, 2017 at Integral University, Lucknow the International Symposium titled “Computational and Characterization Techniques in Engineering & Sciences” was organized by the Department of Electronics and Communication, Physics & Electrical Engineering on March 20, 2017 at Integral University, Lucknow. This was a one day International Symposium and was technically/financially supported by IEEE UP Section, WIE IEEE Affinity Group, SEEM and ISTE. The Symposium was well attended by eminent academicians, faculty members & students from various Universities and educational institutions from different parts of the country & representatives of government bodies and industries. The Symposium started with the welcome address by Prof. S. Hasan Saeed, Convener CCTES-17, and HoD ECE, wherein he briefed about Integral University and achievements of Integral University in the fields of research & technology. Chief Guest, Pro- Vice-Chancellor Prof. Jamal Arif addressed the audience. The Symposium Souvenir was released by the dignitaries on the dais. The Plenary Session started with the Invited Talk by eminent speakers Dr. Fakhru'l Hazman Yusoff, Senior Lecturer, Faculty of Computer and Mathematical Science (FSKM), University Technology MARA (UiTM), Malaysia & Dr. Isht Vibhu, Department of Physics, YDPG College, Lakhimpur Kheri, Lucknow. Dr. Fakhru'l Hazman Yusoff discussed in his Talk about an overview on info graphics in perspective of information technology. Several techniques being used to implement data driven info graphics will also be evaluated. This is followed by discussion on the latest research conducted in the area. Dr. Isht Vibhu delivered the concept and idea on the Met materials. Three parallel tracks were held in which a total of 50 papers were presented. The presentation were reviewed by panel of session chairs Dr. N. R. Kidwai, Dean JIT, Barabanki, Dr. Isht Vibhu, HoD, Physics YDPG College, Lakhimpur, Dr. Puneet Mishra, Dept. Of Computer Science, Lucknow University, Lucknow, Dr. Mahendra Agnihotri, Dept. of Physics, Lucknow University, Lucknow. The authors were queried both by the experts as well as the audience. Sessions best papers were selected by the session chairs. A few participants who gave their feedback on the Symposium praised the department for hosting its first ever International Symposium in such an impeccable manner and said that they were overwhelmed by the hospitality offered by the organizers. On behalf of the departments of ECE, EE & Physics, Mr. Imran Ullah Khan, Branch Counselor IEEE STUDENT CHAPTER, Integral University, Lucknow delivered Vote of thanks. He thanked all the sponsors, advertisers, delegates, representatives from the media and the faculty and student for their magnanimous support and assured that university will organize more such activities in the future. That



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concludes a remarkable, memorable, knowledgeable Symposium CCTES-17. After the vote of thanks, high tea was served and the Symposium came to an end, leaving fond memories in the minds of the guests and delegates and great sense of satisfaction and accomplishment in all members of the faculty and staff and student volunteers who were associated with its preparation and organization over a period of one month.





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Guest lecture on
“Seismic Microzonation Study Relevant to Risk Management and Urban
Earthquake Vulnerability Reduction”
11th August, 2016

It is a matter of great pleasure to inform you all that the Department of Mechanical Engineering under the aegis of HRDC, Integral University has successfully organized a guest lecture on “Seismic Microzonation Study of relevant to Risk Management and Urban Earthquake Vulnerability Reduction” by Dr. Sagina Ram, Director (Geophysics) Geological Survey of India, Lucknow on 11th August’ 2016 at 13.30 hrs in the Central Auditorium at Integral University, Lucknow.

Speaker delivered a brief introduction of seismic microzonation and put light on risk management and told how we can reduce the earthquake vulnerability in urban areas. Expert discussed that the microzonation keep us aware about geological conditions, topographical properties, chances of liquefaction and seismic hazard through mapping. Site condition of any selected area affect the intensity of ground shaking that may cause earthquake induced damage. During earthquake the local ground condition plays important role as amplitude, frequency and duration are the function of soil condition of site. If a structure is located in the area where the soil is soft, the condition is vulnerable and damage may be caused due to strong amplification of ground motion. The seismic microzonation keeps us aware about the site conditions at micro level and it is helpful in deciding the types of structure we can construct in urban areas. This talk was very useful for B.Tech. Students of Mechanical Engineering, Civil engineering and Architecture. There were 70 participants who have attended this lecture.

The welcome address was delivered by Dr. P.K Bhart Professor & Head, Department of Mechanical Engineering.

The program was well co-ordinated by Er. Sumita Chaturvedi (Assistant Professor) & Dr. Mohd Shadab Khan (Associate Professor), Department of Mechanical Engineering. The vote of thanks was proposed by Dr. Syed Aqeel Ahmad, Director of HRDC, Integral University Lucknow.



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A graphic of an Earthquake Magnitude Scale from 3.0 to 8.0. The scale is represented by a red arc with blue circular markers at each integer. Labels above the arc include 'Light' (3.0-4.0), 'Moderate' (5.0-6.0), 'Strong' (7.0-8.0), and 'Major' (8.0+). The background features faint illustrations of buildings, a laptop, and a seismic wave.

EARTHQUAKE MAGNITUDE SCALE

Light Moderate Strong Major

3.0 5.0 6.0 7.0 8.0

Guest lecture on
“Seismic Microzonation Study relevant to Risk Management and Urban Earthquake Vulnerability Reduction”

Organised by
Department of Mechanical Engineering
Under the aegis of HRDC, Integral University,
Lucknow



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Training Program on “Academic Leadership”

11th January to 17th January, 2017

Human Resource Development Center (HRDC), Integral University, Lucknow- a modern- day academic Avant-guard, inaugurated a One Week Short Term Course on “Academic Leadership” on January 11, 2017. The STC was conducted by UGC HRDC, Aligarh Muslim University, Aligarh under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching supported by Ministry of Human Resource Development, Govt. of India- a Center for Academic Leadership and Education Management (CALEM) to re-energize and re-vitalize academic leadership in the Indian Academia.



On the occasion of inaugural ceremony, Dr. Syed Aqeel Ahmad, Director HRDC, Integral University welcomed the participants and also wished them success in their course pursuit. In his welcome address, he recalled John F. Kennedy’s statement that “leadership and learning are indispensable” and the essence of leadership is always to have a vision for greater future.

The task of an academic leader should stimulate apparently ordinary people to unusual efforts. He emphasized on the meaningful academic leadership towards the greater goals to achieve.

Prof. A. K. Saxena, Dean Management raised few questions to be taken up during the course i.e. the problem of academic, non-academic, political and managerial leadership. Observing on the importance of management, he said that time and quality should not be compromised in academics— and values and ethics play vital role in teaching and learning process. The learned course coordinator from AMU, Prof. Parvez Talib gave formal introduction of the program and reflected on knowing ‘Oneself’ in the academic leadership and said that there are layers in the individuals that they themselves do not know. He said that one has to dare— and to dare is to lose footing momentarily. To not dare is to lose oneself.

Dr. T. Usmani, Prof. and Dean Education, Integral University, Chaired the Inaugural Session and said that “academic leadership depends on research and excellence in learning and teaching.” He



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further added that all sort of human knowledge, wisdom, critical and creative efforts come under the academic leadership. Therefore, we need to develop a responsible attitude to find out the goals and objectives in academics. Quoting Albert Einstein, Prof. Usmani said: “the real educated is the one who has learnt the fine art of learning and changing himself.”

In the program, India’s top level academicians and connoisseurs were called for lecturing and sharing their ideas and knowledge for the cause. The STC threw light on the interpersonal relationship, self-awareness or self-knowledge, communication and leadership skills, professional effectiveness and personality assessment.



During the course, Prof. Pervez Talib, the course coordinator from AMU, Aligarh HRDC talking on interpersonal relationship stated that “nobody can make us feel small without our permission,” “one single good act is better than hundred initiatives” and suggested to “live, love, learn and leave a legacy behind.” Prof. Asim Siddiqui from AMU Aligarh said that “the biggest barrier to communication is the illusion that it has taken place.” He also reflected on the linguistic nuances of effective communication. Prof. Jabir Ali from IIM Lucknow said that “learning comes from failure not success,” and stressed on creating learning environment. Dr. Ahmad Faraz from AMU focused on the self-assessment, a subject related to a very special knowledge and a proficiency in professional psychology. Self- assessment is used to increase the accuracy in the behavioral predictions in a variety of settings and contexts i. e. forensic, clinical, organizational and educational. Dr. Rakesh Suri, one of the most touching and impressive speakers of the course talked on leadership internalized. He said “never before has the human race enjoyed such an abundance of wealth, resources and economic power. Yet a huge number of proportions of world citizen is still tormented by hunger, poverty, basic needs and basic education. It is reported that during his lecture majority of the participants started crying in the hall. The course was successfully completed on January 17, 2017.

In the Valedictory Session of the program, Dr. Syed Aqeel Ahmad, Director HRDC, Integral University, in his welcome address thanked the speakers, the entire CALEM team and specially thanked to UGC-HRDC, AMU Aligarh. The Guests of Honours, Dr. Irfan Ahmad, Director Maulana Azad Institute of Humanities and Dr. Sultan Shakir Hashmi, former Member Planning Commission of India expressed great happiness for success of the program. They emphasized on the mind-making of the students to a greater nation by enlightening the new and young minds.



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The Chief-Guest, Mr. Rizwan Ahmad, former DGP UP quoted many motivational Urdu couplets and congratulated and appreciated the noble effort. He laid emphasis on national unity and integrity.

Prof. Syed Waseem Akhtar, Vice-Chancellor of Integral University, in his Presidential Address congratulated Director UGC- HRDC AMU Aligarh and Director HRDC, Integral University. He said that our time is not of education, learning and information but excellence. He suggested that the teachers should not stick only to the syllabi while teaching but also they must pour the extra knowledge and wisdom for the new advancement in the world. The Hon'ble Vice-Chancellor was all praise to the Director HRDC AMU Aligarh and Hon'ble Vice-Chancellor AMU Aligarh for their noble efforts. He expressed his word of gratitude for all the distinguished resource persons of the program.

The valedictory program was attended by more than 300 senior teachers of the university and were also served lunch at the great finale. The Registrar of the university Dr. I. A. Khan also graced the occasion by his kind presence. The participants in their open feedback said that the speakers have injected fresh blood in them to circulate their knowledge towards the academic excellence and leadership. The speakers and all the dignitaries appreciated the modus operandi in the Integral University campus. At the end, Mr. Zishan Raza Khan, Dy. Registrar HRDC Integral University proposed the Vote of Thanks and later the participants were requested for a group photo.





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Training Programme on “Academic Leadership”

17th March to 23rd March, 2017



Human Resource Development Center, Integral University, Lucknow successfully completed the sixth One-Week Short-Term Course on “Academic Leadership” on March 23, 2017. The program was organized by the Ministry of Human Resource Development, Govt. of India’s Center for Academic Leadership and Education Management (CALEM), Aligarh Muslim University, Aligarh.

The course was under the scheme of

Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching to re-energize and revitalize academic leadership in the Indian Academia.

In the inaugural program, Dr. Syed Aqeel Ahmad, Director HRDC, Integral University welcomed the participants and also wished them success in their course pursuit. He said that leadership can and does occur in the domains of teaching, research and administration. Leaders in teaching are imbued with an extraordinary ability to know what knowledge is more critical to teach, excite students and peer about learning, know what teaching practices are most effective, and invest their considerable energies in the promotion of student learning. Dr. Syed Aqeel Ahmad requested the participants to utilize the knowledge and training acquired during the session in their academic environment. The Coordinator of the course, Prof. Parvaiz Talib from the Department of Business Administration, AMU, Aligarh briefly introduced the STC. He said that academic leadership depends on communication, research and excellence in learning and teaching skills.

The Chief Guest, Prof. Aqil Ahmad, COE, Integral University said that one of the well-known American critics Terry Eagleton is pronouncing in USA that American Universities and Colleges are dying because they have just remained training centers and nothing else. The similar case is with us in India! Universities and colleges are going to die natural death— what we need is the Academic Leadership qualities for meeting Higher Education challenges today.



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During the program, country's top level academicians i. e. Prof. Talib, Dr. Ahmad Faraz, Prof. Asim Siddiqui and Dr. Jabir talked on the importance of "Interpersonal Relationship," "Personality Assessment," "Self-awareness or Self-knowledge," "Professional Effectiveness" and "Communication Skills". Prof. Talib engaged the participants in different activities i. e. group discussion and self-evaluation or reflection. He said that self-knowledge is the understanding of oneself or one's own motives or character. Self-knowledge is essential not only to writing, but to doing almost anything really well. It allows you to work through from a deep place - from the deep, dark corners of your subconscious mind. He emphasized on interpersonal aspects of human behavior and also discussed major barriers to communication. He explained 7 Cs of communication in details by elaborating each of them with proper examples.

Dr. Jabir in his lecture reflected upon the problematic of methodology in academics especially in teaching and learning. He stressed on research ethics in Indian Academia and also suggested best possible ways for academic growth. Dr. Ahmad Faraz Khan talked on personality assessment. The 'self-image' is the key to human personality and human behavior. When you change the self-image, you change the personality and the behavior.

He mentioned that assessing personality belongs to a very special knowledge. It has to do something with the proficiency of professional psychology to be objectively more efficient in research and professional fields. Dr. Khan engaged the participant in their personality assessment and then discussed everyone individually with their worksheet. Dr. Asim Siddiqui focused on communication skills in academics especially on the strategies of academic writing. He stated that writing is a technology which can only be learnt by practice. While writing in academics one must avoid editing during the writing process. He said the editing part must be left to be done at the end. The editor must not disturb the writer as the person can play both the roles.

Being a good listener is one of the best ways to be a good communicator. Language, eye contact, hand gestures, and tone all color the message you are trying to convey play very crucial part. One needs clarity, concision, friendliness, confidence, empathy, open mindedness and respect.

Before the Valedictory Function (session), Hon'ble Pro-Vice-Chancellor, AMU Aligarh, Brigadier Ahmad Ali, also spoke on "Effective Academic Leadership." In his lecture, he said that leaders must be tenacious— they must be self-aware, self-regulative, motivated, empathetic and socially skilled. He also mentioned the Indian "GUNAS" (characters of leadership) i. e. "tamas," lazy, dual, and inert quality, "rajas," active, assertive and passionate, "satwic," engaged in action, knowing that result will follow. He said that leadership is either democratic or autocratic and told that the leaders' presence is felt and workers' absence is felt. He said that motivation, delegation, positivity, trustworthiness, creativity, feedback and responsibility are the pillars of leadership. The AMU PVC shed light on different leadership styles and said that you



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are a successful teacher if your students come back after many years and remember your name. He said that technology is an anathema and the future of education lies in technology.

In her speech, Dr. Faiza Abbasi, Assistant Director UGC HRDC AMU Aligarh congratulated the participants. She said that it may be sixth course at IU, but for AMU it is 49th in the entire country. She mentioned that usually there are three prerequisites, infrastructure, experienced people and noble mission— Integral University has all these three. She added that teachers must lead students, teachings and non-teaching to high quality ladders, teaching and training needs highly experienced academicians. Dr. Jamal Mohd Arif PVC Integral University said that the professional ethics must be nurtured properly and the academic leader must be proactive— he should have mission and the target.

Integral University founder Prof. Syed Waseem Akhtar, the father and founding figure congratulated the participants and thanked UGC HRDC AMU Aligarh. He said that we wish to be listed in top ten world education organizations and must drop Lord Macaulay's vicious education policies. He said that knowledge is the only treasure which gets increased whenever distributed.



HRDC

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