



ANNUAL REPORT

2017-18

**HUMAN RESOURCE DEVELOPMENT
CENTER
INTEGRAL UNIVERSITY**

INTEGRAL UNIVERSITY, LUCKNOW
HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)
ANNUAL REPORT 2017-18

S.No.	Program Details	Page No.
1	Orientation program on “Code of Conduct for Faculty Members” on 19 th August, 2017	5
2	Quality Improvement Program (QIP)/Short Term Course (STC) on IT Skills on 7 th August to 12 th August, 2017	6
3	Outreach Programme on “Hyperspectral remote sensing and its Applications” on 18 th September to 21 st September, 2017	7-8
4	Short Term Course on “Climate Change and Disaster Management” on 6 th November to 10 th November, 2017	9-11
5	IIRS ISRO Outreach Programme on “Close Range Photogrammetry and Terrestrial Laser Scanning” on 8 th January to 12 th January, 2018	12-13
6	IIRS ISRO Outreach Programme on “Hyperspectral Remote Sensing and Its Applications” on 19 th February to 12 th March, 2018	14-16
7	Short Term Course on “Faculty Development Planning and Management through ICT” on 12 th March to 16 th March, 2018	17-18
8	IIRS ISRO Outreach Programme on “Geoinformatics for Forest Fire Management” on 2 nd April to 6 th April, 2018	19-20
9	FDP on “Foundation Program in ICT for Education” on 8 th March to 12 th April 2018	21
10	Faculty Empowerment program- SAKSHAM on 22 nd March & 23 rd March, 2018	22-24
11	National Workshop on “Popularisation of Remote Sensing based Maps and Geospatial Information” on 11 th August, 2017	25-26
12	Seminar on “Role of Young Engineers in Construction Industry” on 20 th September, 2017	27-29
13	National Conference on “Economic Reforms and their Impact on Indian Economy” on 22 nd February & 23 rd February, 2018	30-31
14	Seminar on “Following the Research Workflow using Elsevier's Tools” on 6 th March, 2018	32

S.No.	Program Details	Page No.
15	One Week Training Program on “Gender Equality in Academic Leadership” on 6 th July to 12 th July, 2017	33-35
16	Special Lecture on GST “GST will help to build a transparent and corruption free tax administration” by Prof. S. C. Sharma on 21 st August, 2017	36-37
17	Interactive Session with Padma Shri Prof. Deepak B. Phatak, from IIT Bombay on the topic ‘Use of ICT in Teaching-Learning Process’ on 3 rd October, 2017	38
18	National Workshop on “Emerging Challenges of Cyber Crimes in India” on 9 th October & 10 th October, 2017	39-40
19	Training Programme on “Academic Leadership” on 29 th January to 1 st February, 2018	41-43
20	Motivational & Career Planning Lecture by Mr. Mohsin Khan, IPS (Integral Alumnus) on 13 th March, 2018	44-45
21	Training programme on “Operationalization of KV Portal” on 17 th March, 2018	46-48
22	Training Program on “Academic Leadership” on 9 th April to 12 th April, 2018	49-51
23	Special Session on “Health Issues in Ramzan and its Management” on 19 th May, 2018	52-53



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

ANNUAL REPORT 2017-18

HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY, LUCKNOW

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 **One** Orientation Program, **Seven** Short Term Courses (STC), **Two** Faculty Development Programmes (FDP), **Four** Workshops/Symposiums/Seminar/Conference and **Nine** Awareness Programmes /Training Programmes/Expert Lectures were conducted by HRDC, Integral University, Lucknow.

A glimpse of HRDC activities in the year 2017-18 broadly classified under different heads is presented below:

Orientation Program			
S.No.	Title	Sponsor/Collaborator	Date
1	One Day Orientation program on “Code of Conduct for Faculty Members”	Human Resource Development Center (HRDC), Integral University Lucknow	19 th August, 2017
Short Term Courses (STC)			
S.No.	Title	Sponsor/Collaborator	Date
1	Quality Improvement Program (QIP)/Short Term Course (STC) on IT Skills”	Human Resource Development Center (HRDC), Integral University Lucknow	7 th August to 12 th August, 2017



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

2	IIRS ISRO Outreach Programme on “Hyperspectral remote sensing and its Applications”	Center of Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India	18 th September to 21 st September, 2017
3	Short Term Course on “Climate Change and Disaster Management”	National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh	6 th November to 10 th November, 2017
4	IIRS ISRO Outreach Programme on “Close Range Photogrammetry and Terrestrial Laser Scanning”	Center of Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India	8 th January to 12 th January, 2018
5	IIRS ISRO Outreach Programme on “Hyperspectral Remote Sensing and Its Application”	Center of Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India	19 th February to 12 th March, 2018
6	Short Term Course on “Faculty Development Planning and Management through ICT”	National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh	12 th March to 16 th March, 2018
7	IIRS ISRO Outreach Programme on “Geoinformatics for Forest Fire Management”	Center of Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India	2 nd April to 6 th April, 2018

Faculty Development Programmes (FDP)

S.No.	Title	Sponsor/Collaborator	Date
1	FDP on “Foundation Program in ICT for Education”	IIT, Bombay	8 th March to 12 th April, 2018
2	Faculty Empowerment Program -Saksham	Microsoft India in collaboration with Department of Electronics & Communication Engineering & Robotics society, Integral University	22 nd March & 23 rd March, 2018



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

Workshops/Symposiums/Seminar/Conference			
S.No.	Title	Sponsor/Collaborator	Date
1	National Workshop on “Popularisation of Remote Sensing based Maps and Geospatial Information”	Society of Remote Sensing (ISRS) and Indian Space Research Organisation (ISRO)	11 th August, 2017
2	Seminar on “Role of Young Engineers in Construction Industry”	Department of Civil Engineering, Integral University, Lucknow	20 th September, 2017
3	National Conference on “Economic Reforms and their Impact on Indian Economy”	Department of Commerce & Business Management, Integral University, Lucknow	22 nd February & 23 rd February, 2018
4	Seminar on “Following the Research workflow using Elsevier's Tools”	Elsevier India	6 th March, 2018
Awareness Programmes/Training Programmes/Expert Lectures:			
S.No.	Title	Sponsor/Collaborator	Date
1	Training Program on “Gender Equality in 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	6 th July to 12 th July, 2017
2	Special Lecture on GST “GST will help to build a transparent and corruption free tax administration”	Human Resource Development Center (HRDC), Integral University Lucknow	21 st August, 2017
3	Interactive Session with Padma Shri Prof. Deepak B. Phatak, from IIT Bombay on the topic ‘Use of ICT in Teaching-Learning Process’ by Padma Shri Prof. Deepak Phatak	Faculty of Pharmacy, Integral University, Lucknow	3 rd October, 2017



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

4	National Workshop on “Emerging Challenges of Cyber Crimes in India”	National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh	9 th October & 10 th October, 2017
5	Training Programme on “Academic Leadership” for VC/PVC/Dean/Directors/ HoD	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	29 th January to 1 st February, 2018
6	A Motivational Talk with Mr. Mohsin Khan, Deputy Superintendent of Police	Alumni Association, Integral University, Lucknow	13 th March, 2018
7	Training programme on “Operationalization of KV Portal”	Human Resource Development Center (HRDC), Integral University Lucknow	17 th March, 2018
8	Training Programme on ‘Academic Leadership’ for VC/PVC/Dean/Directors/ HoD	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	9 th April to 12 th April, 2018
9	Special Session on “Health Issues in Ramzan and its Management”	Human Resource Development Center (HRDC), Integral University Lucknow	19 th May, 2018

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 centre of excellence and a proven tool in the development and upgradation of the faculty members and country thereon.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

One Day Orientation Program on “Code of Conduct for Faculty Members”

Organized by

Human Resource Development Integral University, Lucknow

19th August, 2017

To spread the Integral University vision of education in the teaching community, the Human Resource Development Centre in association with IQAC of the University organizes training programme for the teachers.

One of the programme which University organizes for the teaching community is a session on the code of conduct by the management team.

The orientation programme for the teaching faculty of Integral University, Lucknow was held on 19th August, 2017 at Conference Hall 1, Central Auditorium, Integral University. The programme was started at 10:00AM wherein Prof Syed Aqeel Ahmad Director, HRDC, Integral University gave all the teachers a warm welcome and introduced about the University and the programme. Prof. T. Usmani, Proctor, Integral University, informed the faculty member about the general service rule and “**does and don’ts**” of the University. Mr. Ahmad Raza, Treasurer, informed the faculty members about the various taxation and compensation package. Presentation were made by different departments that portrayed the efficiency and spirit of cooperation among the teachers. These motivational sessions were held in second half. A university visit was organized to familiarized the faculty members with campus. At the end Mr. Zishan Raza Khan, Dy. Director, HRDC delivered vote of thanks to all the participants and management of the university followed by group photography.





HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

“Quality Improvement Program (QIP) / Short Term Course (STC) on IT Skills” 7th August to 12th August, 2017

Human Resource Development Centre (HRDC) Integral University in collaboration with Faculty of Engineering, JETGOI, Barabanki organized a Seven Days Short Term Course (STC) on “IT Skills” from 07th August to 12th August, 2017 wherein total 200+ participants across the India participated. The aim of the STC was to impart the knowledge of Information Technology skills among the participants. The STC was organized under the patronage of Dr Syed Aqeel Ahmad, Professor & Head of the Department of Civil Engineering & Director, HRDC. Convener & Organizing Secretary of the STC was Dr. Mohd. Haris Siddiqui, Head, Department of Bioengineering, Integral University, Lucknow. The course was inaugurated by Dr. Syed Aqeel Ahmad with welcome to the course trainers and Participants highlighting the need to abreast our participants with latest technology in the field of Information Technology to enhance their skills and to make them industry ready. On the first day, participants were made aware about the functionality of the Google Search Engine focusing on the three main stages i.e. Crawling, [Indexing](#) & Serving search results. Whereas on 2nd and 3rd day of the STC expert demonstrated the use of various versions of Google Earth and its applications which enables educators, students, and other users to share data. Further on 10th and 11th August, 2017 Mr. Amit Pathak HoD, JIT, Barabanki explained the use of Microsoft Word in Research Writings and Presentations, Mr. Amit Pathak gave the practical applications and its use for quality of the language used in the research writings, level of plagiarism, proper presentation of the footnote and endnote, style of the citation and the style of the references and bibliography are the grounds of quality research in any branch of knowledge. The keen interest of the participants made the session very lively and fruitful. Citations and references are essential components of any research. The citations and references also help to prevent plagiarism, and the authors are required to follow set guidelines when submitting their thesis and manuscripts. In this regard our experts Dr. Tasneem Ahmed & Dr. Mohd. Faisal explained the concept of referencing and citations of the manuscript through Mendeley & Zotero citation management tool. The Valedictory Day was attended by participants including Deans of various faculties, Directors, Head of Departments and faculty members. Program concluded with vote of thanks by Mr. Zishan Raza Khan, Dy. Director, HRDC, Integral University. After successful completion of the STC, participants were awarded with the certificate.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

25 IIRS ISRO Outreach Programme on “Hyperspectral remote sensing and its Applications” (Human Resource Development Center, Integral University, Lucknow) 18th September to 21st September, 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 25 IIRS ISRO Outreach Programme on **“Hyperspectral remote sensing and its Applications”** from September 18-21, 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.:

Basics of hyperspectral

Hyperspectral: Issues and Challenges

Basics of hyperspectral remote sensing etc.



Overall, **Twenty Three Participants** attended the program and learned about Hyperspectral remote sensing and its Applications. It was a great learning experience for all the participants.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

Institute, Coordinator and Participant Certificate by ISRO:

	भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA	
	बहिःपरिसर संपर्क/विस्तार कार्यक्रम प्रमाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME	COR256422017
	संस्थान की भागीदारी का प्रमाण पत्र CERTIFICATE OF PARTICIPATION OF INSTITUTE	
<p>यह प्रमाणित किया जाता है कि इंटेग्रल यूनिवर्सिटी, लखनऊ ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम हाइपरस्पेक्ट्रल सुदूर संवेदन और उसके अनुप्रयोग में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 18 सितंबर 2017 से 21 सितंबर 2017 तक किया गया।</p>		
<p>This is to certify that INTEGRAL UNIVERSITY,LUCKNOW, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on Hyperspectral Remote Sensing and its Applications. This online programme was conducted during September 18, 2017 to September 21, 2017</p>		
दिनांक/ Date 18-10-2017 देहरादून/ Dehradun	प्रमुख, जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग Geoweb Services, IT & Distance Learning Department, IIRS	समूह निदेशक, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह Group Director, Geospatial Technologies & Outreach Programme Group, IIRS

	भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA	
	बहिःपरिसर संपर्क/विस्तार कार्यक्रम प्रमाण पत्र OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME समन्वयक प्रमाण पत्र	COR256422017
	समन्वय का प्रमाणपत्र CERTIFICATE OF COORDINATION	
<p>यह प्रमाणित किया जाता है कि इंटेग्रल यूनिवर्सिटी, लखनऊ कार्यरत श्री इमरान उल्लाह खान, ने हाइपरस्पेक्ट्रल सुदूर संवेदन और उसके अनुप्रयोग विषय पर इस संस्थान द्वारा दिनांक 18 सितंबर 2017 से 21 सितंबर 2017 तक संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम को समन्वित किया।</p>		
<p>This is to certify that MR. IMRAN ULLAH KHAN, working with INTEGRAL UNIVERSITY,LUCKNOW, has coordinated the online training course on Hyperspectral Remote Sensing and its Applications conducted by this institute during September 18, 2017 to September 21, 2017</p>		
18-10-2017 दिनांक/ Date देहरादून/ Dehradun	प्रमुख, जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग Geoweb Services, IT & Distance Learning Department, IIRS	समूह निदेशक, भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह Group Director, Geospatial Technologies & Outreach Programme Group, IIRS



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

Short Term Course on

“Climate Change and Disaster Management”

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

6th November to 10th November, 2017

Human Resource Development Centre (HRDC), Integral University Lucknow is one of the Remote Centers of Ministry of Human Resource Development's (GOI), National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh. Human Resource Development Centre (HRDC) & Department of Environmental Science, Integral University, Lucknow feels immense pleasure in organizing successfully a five day Short term Course (STC) through Information and Communication Technology (ICT) on **“Climate Changes and Disaster Management”** in association with Department of Rural development, National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh.

The Short term program was organized at Hall No.1 from 6th November to 10th November, 2017. This program was very unique as our remote centre was very much appreciated for active participation and interaction by National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh. **Prof. Monowar Alam Khalid** was especially requested to deliver a special lecture on the final day of the program on Friday (9.30 - 10.30 am) on topic **"Climate Change-Case studies on Global and Local Efforts for its Mitigation"** which was streamed live (<https://www.youtube.com/watch?v=Bb-znmNw7Wc>) from Integral University, Lucknow to remote centers all over India, first time happening from Integral. Prof. Khalid shared his rich experiences related to climate change and discussed various case studies where he was instrumental in playing a pivotal role in mitigation and adaptation of climate change emissions. He explained about global efforts by United Nations (UN) and Food & Agriculture organization (FAO) for mitigating climate change and its impact on various sectors like Agriculture, forestry, health, coastal infrastructure etc. The lecture was very well supported by a number of enlightening case studies. **(HSBC Global Climate Partnership Program:** Climate change impact on Forests in **India, USA, UK & China; Earthwatch Institute:** Citizen Scientists involved in data collection of endangered species & biodiversity conservation globally; **First CDM Project Haryana:** Transformation of Sand dunes & Barren land into green meadow; **Astra Stove Clean Technology Project, IISC, Bangalore:** Tograhalli; **Orissa Solar Project:** Mayurbhanj; **Prominent International Green Leaders & Entrepreneurs:** Mr. Norphel linked to Artificial Glaciers & Sonam Wanchuk associated with Ice Stupa). Videos of overall program are available over youtube, ETV - NITTTR, Chandigarh.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

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

- Climate Change and Disasters by Dr. U N Roy, Professor and Head, Department of Rural Development, NITTTR, Chandigarh.
- Manmade and Natural Disaster by Dr. U N Roy.
- Appropriate Technologies of Sustainable Development Dr. U N Roy.
- Earthquake Disaster and its Mitigation by Er. Amit Goyal.
- Peace and Development by Shri Prem Rawat.
- Role of Watershed Management in Integrated Natural Resource Management and Sustainable Development: An experience of Shivalik Region of Punjab, Haryana and Himachal Pradesh by Dr. S P Mittal.
- Disaster Management: Few Case Studies by Dr. U N Roy.
- Kedarghati Disaster and Rehabilitation Measures by M K Joshi.
- Climate Change Adaptation and Future Planning by Dr Krishna Mohan, Punjab University, Chandigarh.
- Mixed Forest: A Model for Sustainable Development in context of Climate Change in Himalaya by Shri Jagat Singh Janglee.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

- Issues of Sustainable Development: A Journey of the Tanda (hamlet of the Banjara Community) towards true village: Case study of village Chak Ramnagar (Bharatpur, Rajasthan, India) by Dr. Sarita Mehra, Bharatpur
- Prof. Monowar Alam Khalid on “Climate Change-Case studies on Global and Local Efforts for its Mitigation”.
- Case Studies of Disaster Management by Dr. U N Roy.



Overall **One hundred eight participants** from University attended the program and got benefitted from the much needed and timely insights on Climate Change & Disaster Management programme. The program was very well coordinated by Ms. Sheeba Parveen (HRDC) & Mr. Mohammad Usama (Department of Environmental Science).



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

**One Week IIRS ISRO Outreach Programme on
“Close Range Photogrammetry and Terrestrial Laser Scanning”
(Human Resource Development Center, Integral University, Lucknow)
8th January to 12th January, 2018**

The Department of Electronics and Communication Engineering under the aegis of Human Resource Development Center, successfully organized the 28th Outreach Programme on **“Close Range Photogrammetry and Terrestrial Laser Scanning”** from January 08-12, 2018 for working professionals and students in association with Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun, India. This online course is a unique opportunity to learn about various aspects of remote sensing by devoting one-and-half-hour each day (1600-1730 Hrs).

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. 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.:

- Ground Based 3D Modelling, Dr. Poonam S. Tiwari, Scientist IIRS ISRO, Dehradun
- Digital Terrestrial Photogrammetry and Applications, Dr. Poonam S. Tiwari, Scientist IIRS ISRO, Dehradun
- Demonstration on Close Range Photogrammetric Software and Applications Dr. Poonam S. Tiwari, Scientist IIRS ISRO, Dehradun
- Active remote sensing technique Dr. Hina pandey, Scientist IIRS ISRO, Dehradun
- Introduction to light detection and ranging (LiDAR) Dr. Hina pandey, Scientist IIRS ISRO, Dehradun



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

Link for IIRS ISRO Video Lectures

ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/08%20Jan%202018_Ground%20base4d%203D%20modelling_Dr.%20Poonam%20S.%20Tiwari.wmv

ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/09%20Jan%202018_Digital%20Terrestrial%20Photogrametry%20and%20Application_Dr.%20Poonam%20S.%20Tiwari.mp4

ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/10%20Jan%202018_Demonstration%20on%20close%20range%20photogrametric%20software%20and%20applications_Dr.%20Poonam.wmv

ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/11%20Jan%202018_introduction%20to%20LIDAR_Dr.%20Hina%20Pande.wmv

ftp://edusatdata28:EDU_2018_28@ftp.iirs.gov.in/Lecture%20Video/12%20Jan%202018_Terrestrial%20LiDAR%20&%20its%20applications_Shri%20S.%20Raghuvendra.wmv



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

Three Weeks IIRS ISRO Outreach Programme on “Hyperspectral Remote Sensing and Its Applications” (Human Resource Development Center, Integral University, Lucknow) 19th February to 12th March, 2018

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 29-Outreach Programme on **“Hyperspectral Remote Sensing and Its Applications”** from February 19, 2018 to March 12, 2018 for working professionals and students in association with Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun.

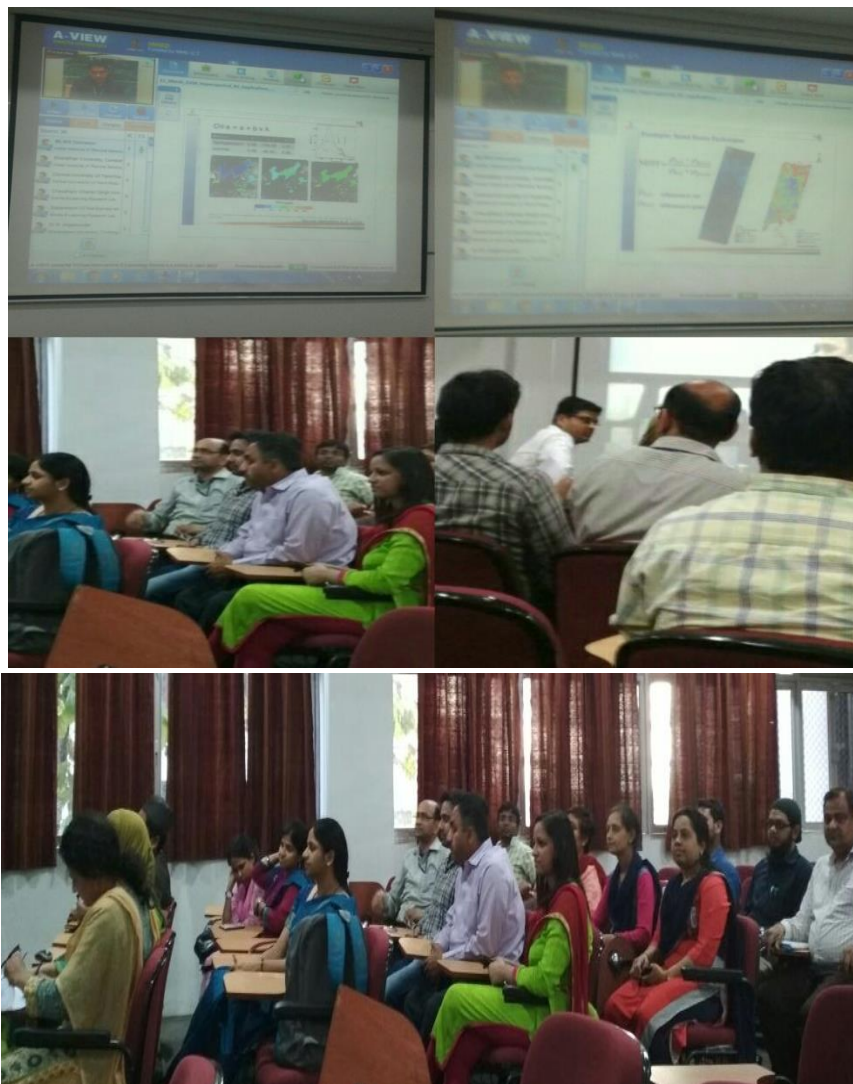
Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organization (ISRO) is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geo Informatics and GNSS Technology for Natural Resources, Environmental and Disaster Management. 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.

Prime focus of 29-IIRS ISRO programme was Hyperspectral Remote Sensing, its Overview various Platforms and Sensors used, Image Pre – Processing, its Geological Applications and hyperspectral Remote Sensing for Urban Studies. Hyperspectral imaging has applications in seed viability Study, biotechnology, environmental monitoring, pharmaceuticals, medical diagnose, forensic science, oil & gas etc. Participants got benefitted from this course as this is relatively a new technology that is currently being investigated by researchers and scientists with regard to the detection and identification of minerals, terrestrial vegetation, and man-made materials and backgrounds.



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

19 Feb 2018	Hyperspectral Remote Sensing and its Overview	Mr. Vinay Kumar
20 Feb 2018	Hyperspectral Remote Sensing Platforms and Sensors	Mr. Vinay Kumar
21 Feb 2018	Hyperspectral Image Pre - Processing	Ms. Manu Mehta
22 Feb 2018	Demonstration on Hyperspectral Data Pre - Processing	Mr. Vinay Kumar
23 Feb 2018	Data Reduction Techniques and End Member Selection	Ms. Richa U Sharma
27 Feb 2018	Demonstration on Spectro Radiometer and Spectral Library Creation	Mr. Vinay Kumar



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28 Feb 2018	Optical and Thermal Hyper Spectral Image Classification	Dr. Anil Kumar
06 March 2018	Hyperspectral Remote Sensing for Agriculture and Soil Studies	Mr. Justin George
07 March 2018	An Overview of Hyperspectral Remote Sensing Applications in Forestry	Dr. Anil Kumar
08 March 2018	Hyperspectral Remote Sensing for Geological Applications	Mrs. Richa U Sharma
09 March 2018	Hyperspectral Remote Sensing for Urban Studies	Ms. Asfa Siddiqui
12 March 2018	Hyperspectral Remote Sensing Applications	Mr. Vaibahv Garg

Link for IIRS ISRO Video Lectures

ftp://ftp.iirs.gov.in/Lecture_Video/12%20March%202018_Hyperspectral%20remote%20sensing%20for%20water%20and%20snow%20studies_Dr.%20Vaibhav%20Garg.wmv

<https://www.youtube.com/watch?v=dhsZYrqFse8>

<https://www.youtube.com/watch?v=nL0rH2AfdMU>

<https://www.youtube.com/watch?v=ddyS-4N5v4o>

<https://www.youtube.com/watch?v=avvQElgHj6o>

<https://www.youtube.com/watch?v=8j2wjoemS5g>

<https://www.youtube.com/watch?v=QPoekMM9tEM>

<https://www.youtube.com/watch?v=mZ0-l58AfJA>

<https://www.youtube.com/watch?v=jiUC-IJbyAc>

<https://www.youtube.com/watch?v=cNF1Crdu9WA>

<https://www.youtube.com/watch?v=9-t7gEderpU>

<https://www.youtube.com/watch?v=nHMfICoB9IM>

<https://www.youtube.com/watch?v=r1HEYhm1Ms>

Overall **forty one participants** (23-Faculty Members & 18-Students) from University attended the program and got benefitted from the much needed and timely insights on **Hyperspectral Remote Sensing and Its Applications**. The program was very well coordinated by Mr. Imran Ullah Khan (Center Coordinator), Dr. Savita Maurya, Mr. Mohd. Javed Khan and Mrs. Saif Ahmad (Department of Electronics and Communication Engineering).



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Short Term Course on

“Faculty Development Planning and Management through ICT” (HRDC, Integral University, Lucknow, a Remote Center of NITTTR, Chandigarh) **12th March to 16th March, 2018**

Human Resource Development Centre (HRDC), Integral University, Lucknow is one of the Remote Centre of National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh, Ministry of Human Resource Development, Government of India. HRDC has successfully organized a five day Short term Course (STC) through Information and Communication Technology (ICT) on **“Faculty Development Planning and Management”** in association with National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh.

The Short term program was organized at Hall No.1 from 12th March to 16th March, 2018. This program was very unique as our remote centre was very much appreciated for active participation and interaction by National Institute of Technical Teachers Training & Research (NITTTR), Chandigarh.





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

- *Building World Class Institutions – Role of faculty* by Dr. Amit Barua
- *Technical Education: Challenges and Role of Faculty Development* by Dr. Y.K. Anand
- *Teacher Effectiveness and its Development – Concept* by Dr. Sanjeev Chadha
- *Teacher Effectiveness – Communication Skill* by Dr. Sanjeev Chadha
- *Faculty Development: Planning and Management* by Dr. RK Wats
- *Systematic Design of Faculty Development Programmes* by Dr. Sunil Dutt
- *Faculty Development – Training Methods* by Mrs. Monika Agarwal
- *Outcome Based Education – Role of Faculty* by Prof. P.K. Singla
- *Faculty Development: Role of Leadership* by Dr. RK Wats
- *Faculty Development Programmes: Evaluation and Impact* by Dr. Arunachal Khosla
- *Motivation for self Development* by Dr. Vidhu Mohan
- *Presentation of Programme Design* by Dr. RK Wats

Overall **Ninety eight participants** attended the program and it provided the much needed and timely insights on Faculty Development Planning and Management. The program was very well coordinated by Mrs. Sheeba Parveen & Mrs. Halima Sadia (Department of Computer Science & Engineering).



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**One Week IIRS ISRO Outreach Programme on
“Geoinformatics for Forest Fire Management”
(Human Resource Development Center, Integral University, Lucknow)
2nd April to 6th April, 2018**

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 has successfully organized the 30-Outreach Programme on **“Geoinformatics for Forest Fire Management”** from April 2, 2018 to April 6, 2018 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) 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. 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.

Prime focus of 30-IIRS ISRO programme was:

- Forest Fire Scenario in India,



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- Forest Fire Statistics,
- Long Term Characterization of Forest Fires,
- Forest Fire Alert System,
- Forest Fire Monitoring and Risk Assessment, and
- Role of climate change in fire incidences.

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

02 April 2018	Fire Risk Model	Dr. Arijit Roy, IIRS ISRO
03 April 2018	Application of Remote Sensing and ICT for Effective Forest Fire Management	E.Vikram, Deputy Director, IIRS ISRO
04 April 2018	Forest Fire Monitoring and Risk Assessment	Dr. Arijit Roy, IIRS ISRO
05 April 2018	Forest Fire Burnt Area Assessment using Remote Sensing Hyperspectral Image Pre - Processing	Dr. Hitendra Padalia, Scientist/Engineer SF & Head Forestry and Ecology
06 April 2018	Hyper-temporal Forest Fire Monitoring using Geo-stationary Earth Observation Platform	Dr. C. P. Singh Scientist/Engineer Space Applications Centre, ISRO, Ahmedabad

Overall **Twenty Four participants** from University attended the program and got benefitted from the much needed and timely **insights on Geoinformatics for Forest Fire Management**. The program was very well coordinated by Mr. Imran Ullah Khan (Center Coordinator), Mrs. Saima Beg and Mr. Mohd. Tabrej Alam (Department of Electronics and Communication Engineering).

Link for IIRS ISRO Lectures

ftp://edusatdata30:EDU_30_IIRS@ftp.iirs.gov.in/Lecture_Video/02%20April%202018_Forest%20fire%20monitoring%20and%20risk%20assessment_Dr.%20Arijit%20Roy.wmv
ftp://edusatdata30:EDU_30_IIRS@ftp.iirs.gov.in/Lecture_Video/03%20April%202018_applications%20of%20remote%20sensing%20and%20ICT%20and%20effective%20forest%20fire%20management_E.%20Vikram.wmv
ftp://edusatdata30:EDU_30_IIRS@ftp.iirs.gov.in/Lecture_Video/06%20April%202018_%20Hyper-temporal%20%20FF%20Monitoring%20using%20Geo-stationary%20Earth%20Observation%20Platform%20by%20Dr.%20C%20P%20Singh.wmv olo
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Two weeks AICTE approved FDP on “Foundation Program in ICT for Education” 8th March to 12th April, 2018

A two-Week AICTE approved FDP Under the aegis of Pandit Madan Mohan Malaviya National Mission for Teachers and Teaching (PMMMNTT) on "Foundation Program in ICT for Education" was organized by Human Resource Development Centre, Integral University through its Remote Centre-IIT Bombay, between March 08, 2018-April 12, 2018, for faculty members of Integral University and institutes around the surrounding areas of the University.

The participants were invited for registration on NMEICT website (<https://www.it.iitb.ac.in/nmeict/>) by circulation of messages and notice. The workshop received warm response and was conducted in hybrid mode with synchronous live interaction from experts at IIT Bombay, followed by demonstration and hands on session by workshop coordinator **Mr. Anup Kumar Sirbaiya**, Assistant Professor, Workshop Coordinator, who has been trained under various IIT Bombay programs and mentored for conducting workshops for teachers.

The workshop started with welcome of participants by Remote Center Coordinator Dr. Satya Prakash Singh, followed by live interactive session with experts from IIT Bombay, Prof. Deepak B. Phatak, Dept. of CSE, IIT Bombay, Prof. Kannan Moudgalya, Prof. U V Bhandarkar, Prof. P Sunthar, Dr. Sameer Sahasrabudhe, Mr. Jayakrishnan M, IDP in ET, IIT Bombay.

The program continued in hybrid mode with active demonstration of Modern ICT tools and techniques to be effectively used in higher education. Participants created open educational resources under creative commons licenses to be used by other faculties and students globally, submitted to various repositories.

FDP had total 35 registered participants from within and outside Integral University and institutes around the surrounding areas of the University, of which all 34 completed the workshop after passing the required activities and assignments.

To keep the participants actively engaged and post workshop follow-up, a whatsapp group was created for all the participants and coordinators.

The details pertaining to the workshop can be found at following links:

1. Brochure: <https://www.it.iitb.ac.in/nmeict/workshopContent.html?workshopid=d2Tr4vBVjcRHUuFDBEsv0A#content>
2. Resources: <https://www.it.iitb.ac.in/nmeict/workshopContent.html?workshopid=d2Tr4vBVjcRHUuFDBEsv0A&category=uDZnt3AOxa2JCRbyqTKD5A>
3. Participants completed: https://www.it.iitb.ac.in/nmeict/list.html?workshopid=d2Tr4vBVjcRHUuFDBEsv0A&rcid=htiA-oJFIPXasPXfOjxCQ&status=JZxX3fwYbzYmSZS_QGcCkQ
4. Videos: <https://www.it.iitb.ac.in/nmeict/videoDownloads.html?workshopid=d2Tr4vBVjcRHUuFDBEsv0A>



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Faculty Empowerment program- SAKSHAM

22nd March & 23rd March, 2018

The Faculty Empowerment Program- SAKSHAM was organized by Microsoft India in collaboration with Department of Electronics & Communication Engineering & Robotics society, under the aegis of HRDC, Integral University, Lucknow.

The guests were welcomed and honoured by the bouquet.



Prof S. Aqeel Ahmad, Director, HRDC, I.U



Mr. Kaushik Biswas, Microsoft India



Prof. M.A. Khalid, DSW, I.U



Prof A.K Saxena, Dean, Management

Mr. Kaushik Biswas updated the faculties with latest technologies including

Cloud Computing

Introduction to Web Applications

Skype for Business

Advance Technical Documentation

Advanced Presentation Techniques



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All the faculties were updated with latest technologies and enhanced their knowledge in two days SAKSHAM.

Apart from faculties from Integral University, faculty from Azad Institute of Engineering also participated in two days SAKSHAM.



Mrs. Aroma K Warsi, Media, I.U



Mrs. Tarana A Chandel, Dept. of ECE, I.U



Mr. Salman Nasir, Dept. of Architecture, I.U



Mr. Waddod Khan, Dept. of Mathematics, I.U

After conduct of this training program, Microsoft agreed to provide training to 5- 6 students of Integral University every year at their place.

A Token of remembrance, University Memento was presented to the Trainer of this programme Mr. Kaushik Biswas.



From a team of SAKSHAM



A Group Photo of organizer & participant of SAKSHAM



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Mrs. Tarana Afrin Chandel (coordinator of this training program) proposes the Vote of thanks and conveyed her deep regard for the guest and finally, she thanked all the organizers of SAKSHAM.



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National Workshop on

“Popularisation of Remote Sensing based Maps and Geospatial Information”

(Human Resource Development Center, Integral University, Lucknow)

11th August, 2017

The Department of Electronics and Communication Engineering under the aegis of Human Resource Development Center, Integral University, Lucknow organized the **National Workshop on Popularisation of Remote Sensing based Maps and Geospatial Information** on August 11, 2017 through online mode conducting jointly by the Indian Society of Remote Sensing (ISRS) and Indian Space Research Organization (**ISRO**).

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

- ISRO's Sensors for Earth Observation by Dr. Tapan Misra, Director, SAC
- Space Technology for Societal Applications by Dr. Y. V. N. Krishna Murthy, Director, NRSC
- India's Bhuvan Geoportal by Dr. P.G. Diwakar Scientific Secretary, ISRO
- Space Inputs for Decentralized Planning: SIS-DP Initiatives Dr. Uday Raj, Chief General Manager, RRSC/NRSC
- Use of Geospatial Technology in North-Eastern Region Shri P.L.N. Raju Director, NESAC
- Demonstration on Indian Bioresource Information Network Portal by Dr. Sameer Saran, Head Geoinformatics Department, IIRS & Secretary, ISRS

Overall the workshop provided the much needed and timely insights on various aspects of Popularisation of Remote Sensing based Maps and Geospatial Information.

Overall Fifty Eight participants attended the program and appreciated its content. Links for Video lectures are mentioned below:

Link for Workshop Video Lectures

<https://www.youtube.com/watch?v=cjEhMCnONE4>

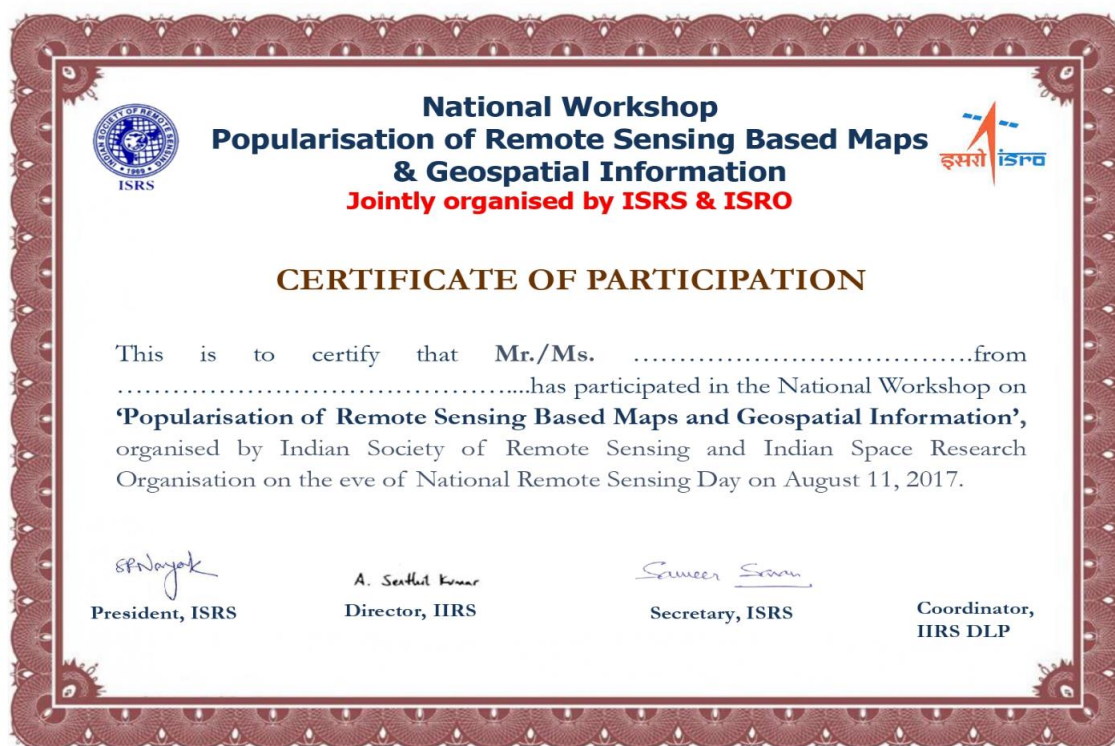
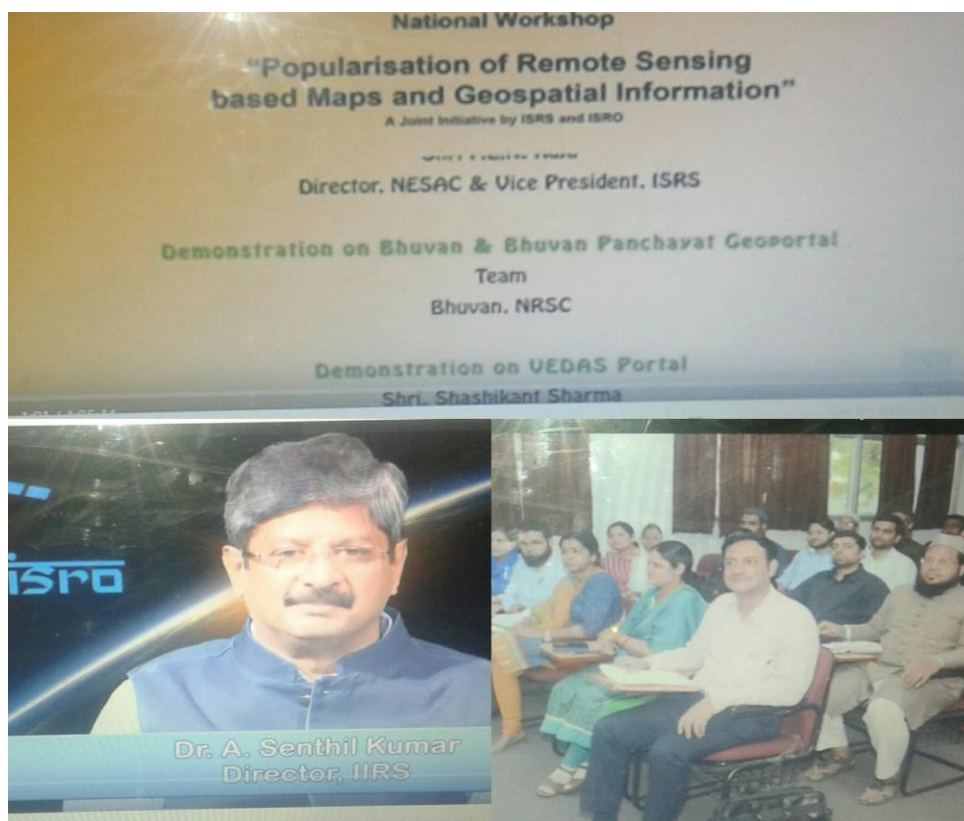
Link for IIRS ISRO Outreach Programme

www.iirs.gov.in/edusat-news



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One Day Seminar on

“Role of Young Engineers in Construction Industry”

20th September, 2017

The Department of Civil Engineering and CCG&D, Integral University, Lucknow organized a one day seminar on “**Role of Young Engineers in Construction Industry**” on 20th September 2017 under the aegis of Human Resource Development Centre (HRDC) Integral University, Lucknow. The inaugural session was graced by the benign presence of several renowned personalities from industry as well as from academia. The eminent speakers were **Mr. Khalid Masood**, M.D. Shalimar Group the Chief Guest, Guest of Honour **Mr. V K Sharma**, Former, Director General Geological Survey of India; **Mr. Ravindra Gangwar**, CEO M/s Engineering Solutions Pvt. Ltd., Jaipur; **Mr. Anurag Kapoor**, Director (Technical), Arun Soil Lab Pvt Ltd.; **Prof. Jamal M. Arif**, Pro-Vice Chancellor, Integral University; **Dr. Syed Aqeel Ahmad**, Head, Department of Civil Engineering and Director, Human Resource Development Centre (HRDC), Integral University; **Dr. Syed Nadeem Akhtar**, Dean (Engineering) and Director Planning and Research, Integral University.

Dr. Syed Aqeel Ahmad, Director, HRDC, Integral University in his welcome address warmly welcomed the audience as well as the dignitaries and highlighted the importance of civil engineering and construction industry in the economic growth of our country. While the Chief Guest, Mr. Khalid Masood, M.D. Shalimar Group, emphasized on the point that the present time is an era of specialization in the profession and young engineers have plethora of opportunities if they start thinking not only academically but multi-dimensionally with great zeal. Mr. Masood further added that young Engineers should properly nourish and develop their talents by equipping themselves with expertise and planning skills. In the technical session, he focused on the Unique Selling Proportion (USP) and to nurture talent as per market requirements. He also emphasized on the practical application of classroom knowledge; Guest of Honor Mr. V.K. Sharma took examples of leading global professionals to explain that innovative thinking and soft skills can prove to be rewarding for young Civil Engineers. Mr. Sharma imparted technical knowledge in a practical approach by discussing ongoing mega projects across the globe. He also focused on the importance of mentorship for professionally competent young engineers. Mr. Ravindra Gangawar spoke about the vitality of ownership and honesty in the profession and civil engineers need an integrated approach in their work to contribute to nation development. Mr. Gangawar in his technical session discussed about the importance of project management and risk assessment for civil engineering projects. Addressing the audience Mr. Anurag Kapoor stressed on the concept of sustainable development which can be realized with innovative and dynamic thinking. Adding further, Mr. Kapoor gave examples of prestigious national and international projects to explain the utility of Multi-disciplinary technologies in vogue these days. Prof. Jamal M. Arif focused on the growing need of entrepreneurship in construction



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industry. Dr. Syed Nadeem Akhtar discussed various new technological developments in the field of Civil Engineering and recommended to adopt these emerging technologies and be an expertise in your field.

The programme witnessed a wide range of participants including Deans of various faculties, Directors, Head of Departments, faculty members and students. Besides the students of Integral University, students from renowned academic institutions viz.; R.R. Institute of Technology, Lucknow; BBDNITM, Lucknow and Allen House Institute of Technology, Kanpur also ensured their presence at the prestigious event.





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Two Day National Conference on “Economic Reforms and their Impact on Indian Economy” 22nd February & 23rd February, 2018

Integral University, Department of Commerce & Business Management in association with Human Resource Development Centre is organizing Two Days Conference on 22 to 23 February, 2018. The title of two days National Conference is "Economic Reforms and their Impact on Indian Economy" The basic objectives of the conference are to discuss the concept and application of Economic Reforms in terms of major segments namely- Liberalization, Privatization and Globalization (LPG). Prof. S.W. Akhtar, Hon'ble Chancellor, Integral University shall preside over the inaugural function on 22nd February 2018. The Chief Guest of the inaugural function of conference is Sri. Siraj Husain, IAS (Retd.) and Sr. Fellow Indian Council for Research on International Economic Relations (ICRIER). The eminent academia and bureaucrats like Prof. Badar Alam Iqbal, Adjunct Professor, Monarch University Zug Switzerland, Prof Parimal Vyas, VC, M.S. University, Vadodara, Prof. Nageshwar Rao, VC, Uttarakhand Open University, Haldwani, Prof. Ravi Prakash Singh, Secretary General, Quality Control of India (QIC), New Delhi, Prof. Subhash Sharma, Director General, Indus Business Academy, Bengaluru, Prof. A.M. Agrawal, PVC, GLA University, Mathura and Prof. M.K.J. Siddiqui, Vice Chancellor (Acting), Integral University are invited as Guests of Honour. The conference will begin with the Plenary Session of Prof. Subhash Sharma's lecture on "Economic Reforms and their impact on Indian Economy" followed by six parallel Technical Sessions on different economic issues like FDI, Export led growth and sustainability, Make in India, Digital India, Skill India, Smart Cities Initiative, GST, Demonetization and Digitization and Tax reforms and ease of doing business. Two panel discussions are also organized on economic reforms and their impact on economic development of India. All the panelists are senior academicians including Prof. Badar Alam Iqbal, Prof. Basheer Ahmad Khan, former VC, SKMU, Jharkhand, Prof. A. M. Agrawal, GLA, University, Prof Imran Saleem, former VC, Singhanian University etc.

A cultural evening is also organized by the students on 22nd February to entertain the delegates. In it variety of events will be presented like University Band Performance, Skit, Poetry Recitation in Hindi, English and Urdu, and singing.

Prof. S.W. Akhtar, Hon'ble Chancellor, Integral University shall preside over the Valedictory Function on 23rd February 2018 at 2:00 PM after completion of remaining two Technical Sessions. Prof. Devi Singh, VC, Flame University and former Director IIM, Lucknow is the Chief Guest of the function. Prof. Furqan Qamar, Secretary General, AIU, Prof. S.S. Hashmi, former Member Planning Commission, Govt. of India, Prof. V.K.Singh, VC, DDU, Gorakhpur, Prof. Javed Akhtar, Registrar, AMU Sr. Alok Ranjan, former Chief Secretary, Govt. of U.P. and Sri. Shambhu Nath Shukla, Additional Secretary, Govt. of U.P. are the guest of honours. The



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Convener & Organizing Secretary of the conference is Dr. Asma Farooque and Prof. A. K. Saxena, is the Chairman of the Conference ERTIIE-18.



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Seminar

on

“Following the Research Workflow using Elsevier's Tools”

6th March, 2018

Human Resources Development Center (HRDC), Integral University organized a seminar on “Following the Research Workflow using Elsevier’s Tools” on March 06, 2018 wherein total 57 faculty and staff members had participated. The motive of this event was to optimize for and provide innovative ways, developing trends and its immense contribution to modern scholarship. Welcoming Mr Vishal Gupta, Customer Consultant, South Asia, Elseviers/Relx India Pvt. Limited, Dr Syed Aqeel Ahmad, Director (HRDC), Integral University talked of the vital role of modern Research Methodology for academicians in all domains. He exhorted the audience to incorporate the words of the expert to improve their research work to benefit the entire humanity. Detailing modern technology in the field of research, Mr Vishal Gupta highlighted the modern and swift process of research. In his informative discourse, he said that Scopus can help researchers to find out what already exists, the global world of research, to determine how to differentiate research topics and find new ideas. Discussing the major and significant points of the topic, he said that the tracked impact of research, monitoring global research trends, and identifying and analyzing journals are some of the key points that need to be studied carefully. He focused especially on Scopus, Mendeley and Science Direct's immense contribution to enhancing the research quality. Highlighting the role of proper documentation, he analyzed Document Research, Compare Sources, Cite Sources, SJR, SNPP, Field Weighted citation impact and Plumx Metrix. Appreciating and acknowledging the significance and importance of the topic, Dr Syed Nadeem Akhtar, Dean Engg. & Director Planning and Research, Integral University, thanked the organizers for this informative session. Mr Zishan Raza Khan Dy. Director (HRDC) Integral University, proposed the vote of thanks.



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One Week Training Program on “Gender Equality in Academic Leadership” 6th July to 12th July, 2017

Integral University, a regional Centre for Academic Leadership and Education Management (CALEM) AMU, Aligarh successfully completed the One Week Training Program on “Gender Equality in Academic Leadership” (July 6-12, 2017). In the inaugural session, the Director HRDC Integral University warmly welcomed the participants and said that “in the nineteenth century, the central moral challenge was slavery but in the twentieth century, the paramount moral challenge is the struggle for gender equality or gender justice around the world.”. Gender sensitization appears to be a major issue in Indian society; therefore, the course is to ensure the professional development of the teachers in order to broaden their mental horizon and to sensitize them to the mission of quality, education and nation building through gender justice.



Mrs. Azra Waseem, Director, Techno Academic School, Lucknow, the Chief Guest of the Inaugural Session stated that men and women need to be sensitized towards gender issues, the boundaries that exist between colleagues and how such boundaries are crossed. Dr. Faiza Abbasi, Assistant Director, UGC Human Resource Development Centre, AMU, Aligarh, the Guest of Honor of the Session said to help men and women be aware of gender biases, to help them resolve interpersonal conflicts arising from gender issues and enable them to act assertively and respond to challenges in the workplaces equally. Mr. Mohd. Nasir from the Department of Law, AMU, Aligarh held the first session on the topic “Women Empowerment in CSR & ISR, that is Corporate/ Institutional and Social Responsibility for Academic Leadership. He said that at large women are good for business specially executive-level and the importance of corporate sustainability lies individual and corporate social responsibility. In the world order, there is more pressure from various affairs to pursue more socially responsible behavior of the individuals. Mr. Nasir shared the data that women have been making big waves in the world of business.



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The lectures were held on issues i. e. women in higher education, women in nature conservation, women in education, and perspectives on gender, gender justice, and governance issues. Dr. Faiza Abbasi spoke on women in nature conservation and explained the term 'Eco-criticism as the study of the relationship between literature and the physical environment. Eco-criticism is the study of literature and the environment from an interdisciplinary point of view, where literature scholars analyze texts that illustrate environmental concerns and examine the various ways literature treats the subject of nature. It is an intentionally broad approach that is known by a number of other designations, including green (cultural) studies, ecopoetics, and environmental literary criticism. Earth has seen ages, civilizations emerging and dying, bombings and disasters—it still stays and the same has been the case with women.



In the Valedictory Session, Prof. Syed Aqeel Ahmad, Director HRDC, Integral University congratulated the participants and wished them good luck for their ad infinitum success for future endeavors. Dr. Syed Nadeem Akhtar, Director Planning and Research distinguished between intrinsic and extrinsic motivation and said that leaders must not wait to have an official designation, he stressed on demonstration of excellence in academics. Prof. AP Vijapur, Chairperson Department of Political Science, AMU described the traits of effective leadership and also gave expert opinion on teaching and learning process, especially the e-ways of knowledge hunting. Prof. Aqil Ahmad, Controller of Examinations, Integral University mesmerized the audience by his poetic, jovial and short interaction. The training program was



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hosted by Dr. Tariq Faraz and at the end Mr. Zeeshan Raza Khan, Dy. Director, HRDC proposed the vote of thanks.





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Integral University Conducted a Special Lecture on GST

“GST will help to build a transparent and corruption free tax administration”

-Prof. S. C. Sharma

21st August, 2017

Integral University, Human Resource Development Center (HRDC) conducted a special lecture on “Implementation of GST— What it brings with it for India.” The lecture was held by Prof. S. C. Sharma, Director, International Business School (IBS) Gurgaon. “Goods and Services Tax would minimize the complex and multiple taxation system in the country and the economy would be more stable,” added the expert.

“Taxation,” mentioned the expert, “has been an integral part in the history of human civilization across the ages. The new GST will help to build a transparent and corruption free tax administration. It would be more transparent and would also reduce the number of indirect taxes.” He further added that it will not be a cost to registered retailers; therefore, there would be no hidden taxes. In result, the cost of doing business will be lower and prices will come down. The unregistered sectors will be registered. Nevertheless, the changes will not come tomorrow but within the years to come, therefore, GST cannot be seen in isolation. The country’s economy will be highest and will match to the advanced economies of the world.

The new GST will be levied only at the final destination of consumption based on VAT principle. He also predicted some side effects as some economist say that GST in India would impact negatively on the real estate market etc. On the occasion, Faculty, students and PhD Scholars of the University were invited to attend the lecture. The attendees took lot of interest in discussions after the lecture.





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Interactive Session with Padma Shri Prof. Deepak B. Phatak, from IIT Bombay on the topic “Use of ICT in Teaching-Learning Process”

3rd October, 2017



Session was graced by the benign presence of Dr. Syed Nadeem Akhtar, Dean (Engineering) and Director Planning and Research, Integral University and other dignitaries of the university.

Session started with a welcome address by Dr. Syed Aqeel Ahmad, Director, HRDC, Integral University who warmly welcomed the

dignitaries as well as the audience and highlighted the importance of new teaching methods in the changing educational scenario. Prof. Phatak was accorded a floral welcome by bouquet presentation followed by his interactive session. Prof. Phatak gave valuable insights on the significance of teachers in the current state of transformation from traditional pedagogical methods to modern ICT based pedagogy techniques. He also discussed how a teacher individually, and organization, as a whole, can adapt to changing demands of industry to sustain its viability and play an important role in developing younger generation for better aligned learning suiting industry needs. Session concluded with vote of thanks by Dr. Tariq Mahmood, Head-Faculty of Pharmacy, Integral University. The programme witnessed a wide range of participants including Deans of various faculties, Directors, Head of Departments and faculty members.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

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Two Day National Workshop on

“Emerging Challenges of Cyber Crimes in India”

Jointly Organized by NITTTR Chandigarh, & Jawaharlal Nehru University, New Delhi.

In association with

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

9th October & 10th October, 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 two day National Workshop through Information and Communication Technology (ICT) on “Emerging Challenges of Cyber Crimes in India” was Jointly Organized by NITTTR Chandigarh, & Jawaharlal Nehru University, New Delhi and School of Computer & Systems Sciences, Jawaharlal Nehru University, New Delhi & Flipflop Inforsec Labs (A Start-Up Initiative of NITTTR, Chandigarh) At Jawaharlal Nehru University, New Delhi in association with HRDC, Integral University, Lucknow held from 9th October 2017 to 10th October 2017.

Apart from Students/faculty members of Integral University, the workshop was also attended by students/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, CIPET, Saroj Institute of Technology and Management etc. Overall Two Hundred twenty participants got benefited from this workshop.



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

- Introduction to latest cyber crimes & its challenges
- Standard Operating Procedure Followed by Law Enforcement Agencies for Mobile Phone Forensics
- Cyber Laws & Challenges in Admissibility of Digital Evidences in Honorable Court
- Panel Discussion on Right to Privacy & International Cyber Diplomacy with Q&A Session
- A Dive into DeepWeb
- Demonstration of Mobile Forensics Tools
- Demonstration of Web Security Tools
- Innovative Solutions to Modern Cyber Challenges
- Standardization & Cyber Audit
- Emerging Technologies in Cyber Security

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



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

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Training Programme on “Academic Leadership”

29th January to 1st February, 2018

Human Resource Development Center (HRDC), Integral University under the aegis of UGC-HRDC, Aligarh Muslim University, successfully completed a four-day training program on “Academic Leadership” from January 29 to February 1, 2018.



Quality Education is the need of the hour and the consistent upgrading of expertise is a must. Integral University hosted the four-day Program on “Academic Leadership”. In the inaugural program, Prof. Mahrukh Mirza, Vice-Chancellor, Khwaja Moinuddin Chishti Urdu, Arabi-Farsi University, Lucknow was the Chief Guest of the Session and Prof. Aqil Ahmad, Controller of Examination, graced the occasion as the Guest of Honor. In his address, Prof. Mahrukh Mirza praised the efforts of the University in organizing the training program on Academic Leadership, a topic of vital importance in today’s world. He stressed on the use of one national language for education. Giving the examples of Asian countries like China and Japan, he insisted that one should take pride and use our common spoken language in science and technology, which can reap many benefits. Dr. Syed Aqeel Ahmad, Director HRDC, Integral University, presented HRDC memento to Prof. Mahrukh Mirza and also articulated the words of gratitude and acknowledged the graceful presence of the learned dignitaries and participants.

Prof. A. K. Saxena, Dean, Faculty of Commerce and Management, Integral University, held the first session on “Effective Leadership and Strategic Planning.”

Esteemed professors from all over India conducted sessions on various topics of their expertise. The following resource persons interacted with the academic leaders coming from different and distant institutions: Prof. Basheer A Khan, Former Vice Chancellor Jharkhand University, Prof. Jabir Ali, Professor ICCMRT, Lucknow, Prof. A. K. Saxena, Professor, Dean Management studies, Integral University, Lucknow, Prof. M.A. Khalid, Professor, Dean Students Welfare, Integral University, Lucknow, Prof. A.R. Khan, Professor, Dean Applied Sciences, Integral



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

University, Lucknow, Dr. Zeba Aqil, Associate Professor, Integral University, Lucknow and Prof. D.N. Sansanwal, former Dean, Faculty of Education, Devi Ahilya University, Indore.

The topics covered during the programs were:

- Effective leadership and strategic planning.
- Building terms and strengthening alliances & managing external stakeholders (Combined Theme).
- Institutional ranking: Indian and international perspectives / strategies for academic excellence (Combined theme).
- Handling Student diversity and coping with stress.
- Budgetary process and strategies for effective resource mobilization.
- Use of ICT and process reforms for improved internal governance.
- Quality assurance, accreditation and enhancement of institutional performance.
- Conflict resolution and management.
- Distributed leadership and diffusion of authority.
- Effective decision making (Combined theme).
- Curriculum, curricular development and pedagogy / improved teaching & learning & promoting research.
- Reforms and new initiatives in Higher Education etc.

The last day of the four-day program began with the bouquet felicitation followed by the University Tarana. Dr Syed Aqeel Ahmad, Director, Human Resource Development Center, greeted and praised all the participants for making the purpose of the Program fruitful. The participants had gathered from different Universities were in awe with the Integral experience and thoroughly pleased to have gained valuably from the sessions conducted.

The Chief Guest, Prof Mahrukh Mirza, Vice-Chancellor, Khwaja Moinuddin Chisti Urdu Arabi-Farsi University, Lucknow and Dr M.K.J Siddiqui, Vice-Chancellor (acting), Integral University Lucknow, the Guest of Honor, emphasized on role of an academician and praised the efforts of the University in organizing the training program. The spirited Presidential address by Prof S.W. Akhtar, Chancellor, Integral University, pointed out that consistent learning and passing on of knowledge, is a life-long accomplishment of an academician.

The certificates were distributed at the end of the Program with the vote of thanks given by Mr. Zishan Raza Khan, Dy. Director HRDC.

The four-day program wrapped up with the National Anthem echoing in the conference hall with the ethos of Leadership in higher education and opened many more avenues to the faculty leaders with the tools and skills to navigate and take the Academic Leadership forth.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

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List of the Representatives of the Institutions participated in the Program:

- Khwaja Moinuddin Chisti Urdu, Arabi-Farsi University, Lucknow.
- Amity Business School & Amity Institute of Liberal Arts, Lucknow.
- Babu Banarasi Das Engineering College, Lucknow.
- Babu Banarasi Das National Institute of Technology & Management, Lucknow.
- Babu Banarasi Das University, Lucknow.
- Central Institute of Management & Technology, Lucknow.
- Dayanand Dinanath College, Kanpur.
- Goel Institute of Technology & Management, Lucknow.
- Rajkiya Engineering College, Ambedkar Nagar.
- Mohammad Ali Jauhar University, Rampur.
- Karamat Husain Muslim PG college, Lucknow.
- Madan Mohan Malaviya University of Technology, Gorakhpur.
- Mayo Institute of Medical Sciences, Barabanki.
- Raj School of Management & Sciences, Varanasi.
- Sherwood College of Management, Lucknow.
- Sam Higginbottom University of Agriculture, Technology and Sciences, Allahabad.
- School of Management Sciences, Lucknow.
- Sri Ramswaroop Memorial University, Lucknow.
- STEP –HBTI, Harcourt Butler Technical University, Kanpur.



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INTEGRAL UNIVERSITY

Motivational & Career Planning Lecture by Mr. Mohsin Khan, IPS (Integral Alumnus) 13th March, 2018

Integral University alumni association under the aegis of Human Resource Development Centre organised an expert lecture on Motivational & Career Planning on 13th March 2018 in Central Auditorium, Integral University, Lucknow. The lecture was delivered by one of the Integral University Alumnus Mr. Mohd Mohsin Khan (B.Tech EEE, 2008 Batch) Deputy Superintendent of Police, Uttar Pradesh.



Mr. Mohd Mohsin Khan with his parents visited the Integral University. He got warm welcome from Hon'ble Chancellor of the University Prof. S.W Akhtar, Registrar Prof. I.A Khan, Dean Student Welfare Prof. M.A. Khalid, Director HRDC Prof. Syed Aqeel Ahmad, President (IUAA) Dr. Salman Khan, and other eminent personality at Integral University.



Mr. Mohsin Khan visited the campus, where he recaptures and relived his old memories. He also visited to the Alumni Association office, appreciated the everlasting support and information provided by the members of alumni association.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY



Interaction Session by Mr. Mohsin Khan with the students & faculty members

During the talk of Mr. Mohsin Khan, faculty members and students got a opportunity to interact with him. In his lecture he awakened the students about their right and an approach to police department and information about the Indian panel court (IPC). He also shared his golden memories during his B.Tech time, which he had spent in the campus.





HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

Training programme on “Operationalization of KV Portal” on 17th March, 2018

IIT Bombay in association with HRDC (as Remote center of IIT Bombay) and Directorate of Admissions, Integral University Lucknow conducted a one day training workshop for principals and admission coordinators of Kendriya Vidyalayas on the topic ‘**Training programme on Operationalization of KV Portal**’ on **17th March 2018** at Hall-1 in Central Library building From 9.30 am to 2.30 pm. The program was attended by principals and admission coordinators of 30 Kendriya Vidyalaya Schools of Uttar Pradesh.



The occasion was graced by the presence of **Dr. Anurag Yadav, Assistant Commissioner Regional Office (ACRO), Kendriya Vidyalaya Sangathan, Lucknow.**



Program started with a welcome speech by **Prof. Syed Aqeel Ahmad, Director (HRDC)**, followed by online training vide live streaming from IIT Bombay, conducted simultaneously throughout India at various remote centers by experts from IIT Bombay.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY



The program ended with Presentation of memento to esteemed guests and vote of thanks by **Dr. Satya Prakash Singh (RC Coordinator)** followed by refreshments.

All the participants were given floral welcome and warm hospitality lead by **Dr. Mohammad Haris Siddiqui, Director (Admissions)** and **Mr. Abhishek Sharma** from Directorate of Admissions and their team.



Program was anchored by Ranjan Kumar(Asst. Prof., Pharmacy) and participants were presented with glimpses of progress of Integral University and current state-of-the-art facilities by screening documentary about Integral University and a guided campus visit to Central Library and major facilities.

The event was smoothly coordinated by **Dr. Satya Prakash Singh (Pharmacy)** Remote Center Coordinator and workshop coordinators: **Mr. Anup Kumar Sirbaiya (Pharmacy)** and **Mr. Ranjan Kumar (Pharmacy)**.



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

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HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

Training Program on “Academic Leadership” 9th April to 12th April, 2018

Human Resource Development Center, Integral University, Lucknow under the aegis of UGC-HRDC Aligarh Muslim University, Aligarh successfully organized and transited the traits of the effective leadership in its four-day training program on “Academic Leadership” (April 9–12, 2018), under the scheme of Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching, at its regional Center (HRDC Integral University, Lucknow), a Centre for Academic Leadership and Education Management (CALEM), Ministry of Human Resource Development, Government of India.



In the inaugural session, Dr. Syed Aqeel Ahmad, Director HRDC, Integral University welcomed the participants and also wished them success in their course pursuit. Prof. A. R. Kidwai, Director HRDC AMU said that the teachers are the paramount pillars of any institution and the universities are known by its teachers and not anything else. He pointed out at social cohesion of the teachers during the program and advised to develop a class-room culture. Prof. Basheer A. Khan, advisor to the hon’ble Chancellor, Integral University and former Vice-Chancellor, Sido Kanhu Murmu University (SKMU), Dumka (Jharkhand), insisted on research, publication, teaching and excellence.

In the four-day training program the distinguished speakers namely Prof. Basheer A. Khan, Prof. A. K. Saxena, Prof. M. A. Khalid, Prof. A. R. Khan, Mr. Mohd Mohsin Khan, Dy. SP Agra and Prof. AP Vijapur spoke on the subjects of their expertise i. e. “Use of ICT and Process Reforms for Improved Internal Governance,” “Budgetary Process and Strategies for Resources Mobilization,” “Effective Leadership and Strategic Planning,” “Student Support Service, Grievance Redressal and Handling Student issues,” “Handling Students and Coping with Issues,” “Institutional Ranking: Indian and International Perspectives / Strategies for Academic



HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

Excellence,” “Curriculum, Curricular Development and Pedagogy / Improved Teaching and Learning and Promotion of Research and Balancing Accountability and Autonomy for Effective Governance,” “Building Terms and Strengthening Alliances and Managing External Stakeholders,” “Conflict Resolution and management / Distributed Leadership and Diffusion of Authority / Effective Decision Making,” “Reforms and New Initiatives in Higher Education,” “Internalization and Collaboration” and “Interface with Regulatory Bodies.” The participants came from many of the esteemed institutions like Sherwood College of Management Lucknow, Amity University Lucknow, Azad Institute of Engg. and Technology, Lucknow, Charak Institute of Education Lucknow Lucknow Christian Degree College, IILM Higher Education Lucknow. In the Valedictory Session, Prof. Syed Aqeel Ahmad, Director HRDC, Integral University congratulated the participants and wished them good luck for their ad infinitum success for future endeavors. Dr. Syed Nadeem Akhtar, Director Planning and Research distinguished between intrinsic and extrinsic motivation and said that leaders must not wait to have an official designation, he stressed on demonstration of excellence in academics. Prof. AP Vijapur, Chairperson Department of Political Science, AMU described the traits of effective leadership and also gave expert opinion on teaching and learning process, especially the e-ways of knowledge hunting. Prof. Aqil Ahmad, Controller of Examinations, Integral University mesmerized the audience by his poetic, jovial and short interaction. The training program was hosted by Dr. Tariq Faraz and at the end Mr. Zeeshan Raza Khan, Dy. Director, HRDC proposed the vote of thanks.





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Special Session

on

“Health Issues in Ramzan and its Management”

organized by

Human Resource Development Center, Integral University Lucknow

19th May, 2018

The Human Resource Development Centre (HRDC), Integral University organized a special session on health issues in Ramazan. **Prof. Kauser Usman**, Department of Medicine, KGMU, Lucknow and **Dr. Khwaja Tariq Hasan**, Naturopathy Expert talked about the **Health Issues in Ramzan**. **Prof. Syed Aqeel Ahmad**, Director, HRDC and **Dr. Nitin Ranjan Gupta**, IIMS&R coordinated the event successfully. Fasting, said the experts, was a physical and spiritual experience that requires a great deal of preparation.





HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

INTEGRAL UNIVERSITY

The fasts can improve a person's health, but – if the correct diet is not followed, it can possibly worsen it. The deciding factor is not the fast itself, but rather what is consumed in the non-fasting hours. The diet should be simple and not differ too much from one's normal everyday diet. It should contain foods from all the major food groups. He advised not to fast if the diabetic is 300+ mg/dl because it increases the possibility of cardiac diseases. He also drew attention that the holy Quran exempts the sick people from fasting. If such people fast, they harm the body. Dr. Usman said that the best solutions to insulin problems are different exercises. **Dr Khwaja Tariq Hasan**, Naturopathy Expert while talking in detail about precautions to be taken during fasts, said that in general, the diet must be balanced and there should not be over eating at the time of breaking of fast. For naturopathy, he talked about mental, physical and spiritual fitness; he explained Asana, Parayana and Meditation. Dr. Hasan strictly emphasized on cleanliness, exercise, diet and 3R (Rest, Relaxation and Recreation). He said that body, mind and soul are Yog. The session ended with a healthy question and answer session.



At the end, the Hon'ble Chancellor, Prof. S.W. Akhtar presented the mementos to the speakers and Mr. Zishan Raza Khan, Dy. Director; HRDC articulated the vote of thanks.



HRDC

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