

**2020-21**



# **ANNUAL REPORT**

**HUMAN RESOURCE DEVELOPMENT  
CENTER  
INTEGRAL UNIVERSITY, LUCKNOW**

**INTEGRAL UNIVERSITY, LUCKNOW**  
**HUMAN RESOURCE DEVELOPMENT CENTRE (HRDC)**  
**ANNUAL REPORT 2020-21**

<b>S.No.</b>	<b>Program Details</b>	<b>Page No.</b>
1	Short Term Course (STC) of <b>“Total Station”</b> on 13 <sup>th</sup> March to 16 <sup>th</sup> March, 2021	7-8
2	Outreach Programme on <b>“Basics of Geographical Information System”</b> on 27 <sup>th</sup> September to 22 <sup>nd</sup> October, 2021	9-11
3	Training on LMS for <b>‘Trainers’</b> on 07 <sup>th</sup> August, 2020	12-13
4	Training on <b>‘Learning Management System (LMS)’</b> on 10 <sup>th</sup> August to 13 <sup>th</sup> August, 2020	14-17
5	Training on <b>‘Learning Management System (LMS)’</b> For Faculty Members of Integral Institute of Medical Science & Research (IIMSR) on 02 <sup>nd</sup> June to 04 <sup>th</sup> June, 2021	18-19
6	Live interactive session on <b>“Body language”</b> on 18 <sup>th</sup> September, 2021	20
7	Invited Talk on <b>Personalized Medicine (PM) Genetics &amp; Cancer</b> on 07 <sup>th</sup> October, 2021	21-22
8	IIRS ISRO Outreach Programme on <b>“Remote Sensing Applications in Agricultural Water Management”</b> on 03 <sup>rd</sup> August to 07 <sup>th</sup> August, 2020	23-24
9	Faculty Development Programme on <b>“Advanced Research Trends of Satellite Image Processing in Land Surface Monitoring”</b> on 24 <sup>th</sup> August to 28 <sup>th</sup> August, 2020	25-27
10	IIRS ISRO Outreach Programme on <b>“Global Navigation Satellite System”</b> on 14 <sup>th</sup> September to 25 <sup>th</sup> September, 2020	28-30
11	IIRS ISRO Outreach Programme on <b>“Satellite based Navigation: A Journey from GPS to Mobile phone Platform”</b> on 1 <sup>st</sup> March to 12 <sup>th</sup> March, 2021	31-33
12	<b>Faculty Development Program</b> on <b>“Next-Gen Computing Technologies”</b> on 10 <sup>th</sup> November to 25 <sup>th</sup> November, 2021	34-38
13	Seven Days Refresher Course on <b>“National Education Policy (NEP)-2020”</b> on 24 <sup>th</sup> February to 3 <sup>rd</sup> March, 2021	39-44
14	National Webinar on <b>“NEP-2020: Restructuring Higher Education”</b> on 7 <sup>th</sup> June 2021	45-47
15	Two-week blended QIP workshop on <b>“Spreadsheet Applications in Academics and Administration: Intermediate level”</b> on 25 <sup>th</sup> June to 15 <sup>th</sup> July 2021	48-53

<b>S.No.</b>	<b>Program Details</b>	<b>Page No.</b>
16	National Webinar to <b>“Realize the Reading Mission-2022 under NEP-2020 PAST, PRESENT AND FUTURE OF READING”</b> on 5 <sup>th</sup> July 2021	54-56
17	Seminar on <b>“Structural Reforms in Higher Education Proposed in the NEP 2020”</b> on 24 <sup>th</sup> August 2021	57-59
18	<b>Cyber Security Awareness Month</b> on 30 <sup>th</sup> October, 2021	60-62

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**  
**ANNUAL REPORT 2020-21**  
**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**  
**INTEGRAL UNIVERSITY, LUCKNOW**



**Organizing Team along with participants of Seven Day Refresher Course on National Education Policy (NEP) 2020**

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.

### HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

Later, 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. HRDC integral university also playing a pivotal role in implementation of National Education Policy 2020 (NEP-2020) by organising various programme to develop understanding among academic fraternity. **Two** Short Term Courses (STC), **Three** Training Programmes, **Five** Faculty Development Program (FDP) and **Six** Refresher Course/ Workshops/Symposiums/Seminar were organised/coordinated by HRDC, Integral University, Lucknow in the year 2020-21. A glimpse of HRDC activities in the year 2020-21 are presented below:

<b>Short Term Courses (STC)</b>			
<b>S.No.</b>	<b>Title</b>	<b>Sponsor/Collaborator</b>	<b>Date</b>
1	Short Term Course (STC) on “Total Station”	Department of Civil Engineering Integral University Lucknow Under the Aegis of Human Resource Development Center (HRDC) Integral University	13 <sup>th</sup> March to 16 <sup>th</sup> March, 2021
2	Outreach Programme on “Basics of Geographical Information System”	Human Resource Development Centre (HRDC), Integral University Lucknow	27 <sup>th</sup> September to 22 <sup>nd</sup> October, 2021
<b>Training Programmes</b>			
<b>S.No.</b>	<b>Title</b>	<b>Sponsor/Collaborator</b>	<b>Date</b>
1	Training on LMS for ‘Trainers’	Human Resource Development Center (HRDC), Integral University, Lucknow	7 <sup>th</sup> August, 2020
2	Training Program-LMS for faculty members of Integral University	Human Resource Development Center (HRDC), Integral University, Lucknow	10 <sup>th</sup> August to 13 <sup>th</sup> August, 2020
3	Training on Learning Management System (LMS) for the Faculty members of IIMSR	Human Resource Development Center (HRDC), Integral University, Lucknow	2 <sup>nd</sup> June to 04 <sup>th</sup> June, 2021

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<b>Guest Lecture/Expert Talk</b>			
<b>S.No.</b>	<b>Title</b>	<b>Sponsor/Collaborator</b>	<b>Date</b>
1	Live interactive session on Body language	HRDC, Integral University, Faculty of Pharmacy Integral University in collaboration with Pedatrix Global Solutions, Lucknow	18 <sup>th</sup> September, 2021
2	Personalized Medicine (PM), Genetics & Cancer	HRDC, Integral University, Lucknow	07 <sup>th</sup> October, 2021
<b>Faculty Development Program (FDP)</b>			
<b>S.No.</b>	<b>Title</b>	<b>Sponsor/Collaborator</b>	<b>Date</b>
1	IIRS ISRO Outreach Programme on “Remote Sensing Applications in Agricultural Water Management”	Human Resource Development Center, Integral University, Lucknow, coordinated with Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India	3 <sup>rd</sup> August to 7 <sup>th</sup> August, 2020
2	FDP on “Advanced Research Trends of Satellite Image Processing in Land Surface Monitoring”	Human Resource Development Center (HRDC) and Department of Computer Application, Integral University	24 <sup>th</sup> August to 28 <sup>th</sup> August, 2020
3	IIRS ISRO Outreach Programme on "Global Navigation Satellite System”	Human Resource Development Center, Integral University, Lucknow, coordinated with Indian Institute of Remote Sensing (IIRS), Indian Space Research Organization (ISRO), Department of Space, Govt. of India, Dehradun, India	14 <sup>th</sup> September to 25 <sup>th</sup> September, 2020
4	IIRS ISRO Outreach Programme on “Satellite based Navigation: A Journey from GPS to Mobile phone platform”	Human Resource Development Center, Integral University, Lucknow, coordinated with Indian Institute of Remote Sensing, Indian Space Research Organization, Department of Space, Govt. of India, Dehradun, India	1 <sup>st</sup> March to 12 <sup>th</sup> March, 2021
5	Faculty Development Program on “Next-Gen Computing Technologies”	Department of Computer Application Under the aegis of Human Resource Development Centre (HRDC) Integral University, Lucknow	10 <sup>th</sup> November to 25 <sup>th</sup> November, 2021

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<b>Refresher Course/ Workshops/Symposiums/Seminar</b>			
1	Refresher Course in “National Education Policy (NEP) 2020”	Human Resource Development Center (HRDC), Integral University, Lucknow	24 <sup>th</sup> February to 3 <sup>rd</sup> March, 2021
2	National Webinar on “NEP-2020: Restructuring Higher Education”	Human Resource Development Center (HRDC), Integral University, Lucknow	7 <sup>th</sup> June, 2021
3	Two-week blended QIP workshop on “Spreadsheet Applications in Academics and Administration: Intermediate level”	Organized by HRDC and IQAC, Integral University Lucknow	25 <sup>th</sup> June to 15 <sup>th</sup> July, 2021
4	National Webinar to Realize the Reading Mission-2022 under NEP-2020 PAST, PRESENT AND FUTURE OF READING	Human Resource Development Center (HRDC), Integral University, Lucknow	5 <sup>th</sup> July, 2021
5	Seminar on “Structural Reforms in Higher Education Proposed in the NEP 2020”	HRDC, Integral University Lucknow	24 <sup>th</sup> August 2021
6	Cyber Security Awareness Month	Department of Computer Application Under the aegis of Internal Quality Assurance Cell (IQAC) and Human Resource Development Centre (HRDC) Integral University, Lucknow	30 <sup>th</sup> October, 2021

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 develop quality human resource & 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)**

## **HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

### **Interaction on**

### **AUGMENTATION OF CONSULTANCY WORKS**

To promote the Consultancy activities of Integral University an interactive session was organised by Human Resource Development Centre (HRDC) under **the Chairmanship of the Hon'ble Vice-Chancellor.**

Faculty members of the departments of Commerce and Business Management, Architecture & Planning, Civil Engineering, Environmental Science had participated in the session. The salient features of interactive session were:

- Consultancy work contributes substantially in enriching the Departments of studies in generating funds, infrastructure augmentation, improving technical prowess and skill development.
- The Government of Uttar Pradesh in its budget 2021-22 has made a provision of 5,50,271 Crores for developmental activities which may offer enormous scope and opportunities for consultancy business.
- To prepare high quality technical consultancy brochures, describing faculty qualifications & expertise, lab facilities in terms of equipments & technical competence and other strengths of the Department.
- The PDF of professionally prepared brochures of all concerned Departments should be uploaded on the University website and the same may be sent along with the Letter of Intent (LoI) to government and private agencies within and outside the state of UP for marketing of consultancy work.

A discussion was also held on the new Consultancy Policy, approved and implemented in the Integral University and its importance in relation to NAAC Accreditation, Industry-Academia linkage and over all perception of the University.

The session concluded with the general consensus on joining hands and actively participate in inter-departmental consultancy/collaborative work. Hon'ble Vice-Chancellor assured that the Management of the University shall extend all support for promoting consultancy work.

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Prof. Javed Musarrat, Hon'ble Vice Chancellor (centre) along with senior officials of university



Faculty members interacting in the session

## **HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

### **“Short Term Course (STC) of Total Station”**

**13<sup>th</sup> March to 16<sup>th</sup> March, 2021**

Department of Civil Engineering Integral University Lucknow Under the Aegis of Human Resource Development Centre (HRDC) Integral University organized a Four Days Short Term Course (STC) on **“Total Station”** from 13<sup>th</sup> March to 16<sup>th</sup> March, 2021 wherein total 74 students from the Department of Civil Engineering took part. The aim of the STC was to impart the knowledge of Advance Surveying Techniques among 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 Mr. Anwar Ahmad, Associate Professor, Department of Civil Engineering, Integral University, Lucknow.

The course was inaugurated by Dr. Syed Aqeel Ahmad with welcome to the course trainer Mr. SSY Jafri and highlighting the need to abreast our students with latest technology in the field of engineering to enhance their skills and to make them industry ready.

On the first day, participants were made aware about the functionality of the advance survey instrument i.e. Total Station and Real Time Kinematics (RTK) Differential Global Position System (DGPS) and its working principle. Field survey was carried out from day two i.e 14<sup>th</sup> March, 2021 and continued till 15<sup>th</sup> March, 2021 wherein all the participants performed actual measurement on site and done hands-on with instrument. The keen interest of the participating students of Civil Engineering department made the session very lively and fruitful.

The last day of the STC i.e. 16<sup>th</sup> March, 2021 was dedicated to report generation and analysis of the data. In the period off our days of STC, participating students of Civil Engineering Department learned and understood the new concepts of the emerging techniques in the field of Surveying using **“Total Station”** and RTK-DGPS which surly help them in their career building. The participants were trained and able to determine the area, coordinates, vertical and horizontal distances using Total Station and with RTK-DGPS.

After successful completion of the STC, participants were awarded with the certificate.

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## **HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

### **88- IIRS ISRO Outreach Programme**

**on**

### **“Basics of Geographical Information System”**

**(Human Resource Development Center, Integral University, Lucknow)**

**27<sup>th</sup> September to 22<sup>nd</sup> October, 2021**

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 88- IIRS ISRO Outreach Programme on **“Basics of Geographical Information System”** from September 27, 2021 to October 22, 2021 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 88-IIRS ISRO Outreach Programme was Introduction to Basics of Geographical Information System. Important Topics included in programme are:

#### **1. Fundamentals of Geographical Information System**

We are presently positioned at the beginning of the twenty first century with the fast growing trends in computer technology information systems and virtual world to obtain data about the physical and cultural worlds, and to use these data to do research or to solve practical problems. The current digital and analog electronic devices facilitate the inventory of resources and the rapid execution of arithmetic or logical operations. These Information Systems are undergoing much improvement and they are able to create, manipulate, store and use spatial data much faster and at a rapid rate as compared to conventional methods.

#### **2. Maps**

A map is a two dimensional representation of earth surface which uses graphics to convey geographical information. It describes the geographical location of features and the relationship between them. Maps are fundamental to society. Cartography refers to the art and science of map preparation. Though, the earliest of the maps were technically not as impressive as they are today

### **HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

but they certainly highlighted their role in communicating information about the location and spatial characteristics of the natural world and of society and culture.

#### **3. Map Scales**

Scale is important for correct representation of geographical features and phenomenon. Different features require different scales for their display. For example preparation of a cadastral map of a village and the soil map of a state would use different scale for representing the information. According to scale, maps can be classified as follows:

**a. Cadastral :** These maps register the ownership of land property. They are prepared by government to realize tax and revenue. A village map is an example of cadastral map which is drawn on a scale of 16 inches to the mile or 32 inches to the mile.

**b. Topographical:** Topographical maps are prepared on fairly large scale and are based on precise survey. They don't reveal land parcels but show topographic forms such as relief, drainage, forest, village, towns etc. The scale of these maps varied conventionally from 1/4 inch to the mile to one inch to the mile. The topographical maps of different countries have varying scales. Topographical survey map of British Ordnance Survey are one inch maps.

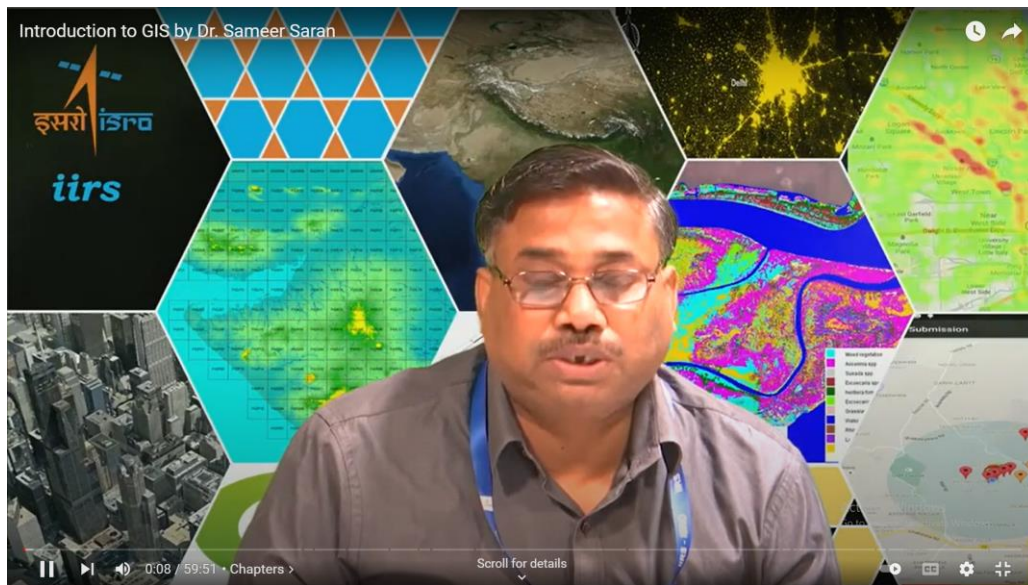
#### **4. Representative fraction**

It is expressed in fraction. If the scale is 1:50000, it means that 1 unit of measurement on map represents 50,000 units on ground. It is also known as numerical scale. The distance on map and the distance on the ground must be in the same units of length. The advantage of this scale is that- it can be read into different units of length. For example the map with a scale 1:50,000 would mean that a distance of 1 cm on ground represents 50,000 cm on the ground or it can also be said that a distance of 1 feet on ground represents 50,000 feet on ground.

The technical sessions constituted of a wide variety of topics taken by a team of expert's viz.: Overall **Twenty participants** attended the program and got benefitted from the much needed and timely insights on GNSS.



## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)



**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)****Training on LMS for ‘Trainers’****7<sup>th</sup> August, 2020**

Integral Learning Initiative (ILI) is an in-house developed Learning Management System (LMS) of Integral University. The present era of technology augmented every sort of human life and so does teaching. The current technology of LMS enables the teacher to take care of his/her student beyond the boundaries of the classroom. The LMS enables self-paced learning at desired timings.

Therefore, to make teachers of Integral University well-versed in the newly implemented ILI-LMS, a Train-the-Trainer program has been launched to develop a team of trainers. The trainers then train their fellow faculty members and make them well-versed in using the LMS of Integral University.

In this regard, a training program has been organised on 07.08.2020, wherein the following faculty members have been trained:

1. Dr M Akheela Khanum, Associate Professor, Department of Computer Science & Engineering
2. Dr Mohammad Arif, Associate Professor, Department of Computer Science & Engineering
3. Ms Halima Sadia, Assistant Professor, Department of Computer Application
4. Mr Tabish Izhar, Assistant Professor, Department of Civil Engineering
5. Mrs Nashra Javed, Department of Computer Application
6. Dr Syed Salman Ahmad Warsi, Assistant Professor, Department of Physics
7. Dr A Basheer Khan, Professor & Advisor to Hon'ble Chancellor
8. Mr Farazuddin Siddiqui/Dr Qazi Inamur Rahman, Assistant Professor, Department of Chemistry

The resource person was Prof. N R Kidwai, Department of Electronics & Communication Engineering and Mrs Kavita Agarwal, Associate Professor, Department of Computer Science & Engineering. The venue of the program was CSE Lab-3, First Floor, Academic Block B, Department of Computer Science & Engineering, Integral University, Lucknow.



## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### Training on 'Learning Management System (LMS)'

**10<sup>th</sup> August to 13<sup>th</sup> August, 2020**

Integral Learning Initiative (ILI) is an in-house developed Learning Management System (LMS) of Integral University. The present era of technology augmented every sort of human life and so does teaching. The current technology of LMS enables the teacher to take care of his/her student beyond the boundaries of the classroom. The LMS enables self-paced learning at desired timings.

Therefore, to make teachers of Integral University well-versed in the newly implemented ILI-LMS, a three-day **Training on 'Learning Management System (LMS)'** from 10.08.2020 to 13.08.2020 has been conducted with the help of the following trainers:

1. Dr M Akheela Khanum, Associate Professor, Department of Computer Science & Engineering
2. Dr Mohammad Arif, Associate Professor, Department of Computer Science & Engineering
3. Ms Halima Sadia, Assistant Professor, Department of Computer Application
4. Mr Tabish Izhar, Assistant Professor, Department of Civil Engineering
5. Mrs Nashra Javed, Department of Computer Application
6. Dr Qazi Inamur Rahman, Assistant Professor, Department of Chemistry
7. Dr Shish Ahmad, Associate Professor, Department of Computer Science & Engineering

The schedule of the training program was as follows:

S.No	Training Schedule	Department/s	Trainer Name	Venue
1	10.08.2020 10:00AM-12:00PM	Civil Engineering	Dr M Akheela Khanum	CSE LAB 2, Department of CSE, First Floor, Academic Block-I
2		Mathematics	Dr Mohammad Arif	CSE LAB 3 Department of CSE, First Floor, Academic Block-I
3		Environmental Science	Ms Halima Sadia	CSE LAB 6 Department of CSE, First Floor, Academic Block-I
4		Education	Mrs. Nashra Javed	BT-14, Computational Biology Lab, Department of Bio Engineering, Second Floor, Academic Block-I
5		Bio Engineering	Dr. Qazi Inamur Rahman	CAD Lab, Faculty of Architecture, Ground Floor, Academic Block-IV

### HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

S.No	Training Schedule	Department/s	Trainer Name	Venue
6		Agriculture	Mr Tabish Izhar	CAD Lab, Department of Civil Engineering, First Floor, Academic Block-II
1	10.08.2020 02:00PM-04:00PM	Physiotherapy, Paramedical Sciences	Dr M Akheela Khanum	CSE LAB 2, Department of CSE, First Floor, Academic Block-I
2		Electrical Engineering	Dr Mohammad Arif	CSE LAB 3 Department of CSE, First Floor, Academic Block-I
3		Physics, School of Pharmaceutical Sciences	Ms Halima Sadia	CSE LAB 6 Department of CSE, First Floor, Academic Block-I
4		College of Nursing, Languages	Mrs. Nashra Javed	BT-14, Computational Biology Lab, Department of Bio Engineering, Second Floor, Academic Block-I
5			Dr. Qazi Inamur Rahman	CAD Lab, Faculty of Architecture, Ground Floor, Academic Block-IV
6		Architecture	Mr Tabish Izhar	CAD Lab, Department of Civil Engineering, First Floor, Academic Block-II
1	11.08.2020 10:00AM-12:00PM	Civil Engineering, Architecture	Ms Halima Sadia	CSE LAB 6 Department of CSE, First Floor, Academic Block-I
2		Computer Science, Chemistry	Mrs. Nashra Javed	BT-14, Computational Biology Lab, Department of Bio Engineering, Second Floor, Academic Block-I
3		Electrical Engg Electronics Engg. Mechanical (Production) Engg. Mechanical (Automobile) Engg Computer science Engg.	Dr. Shish Ahmad	CAD Lab, Faculty of Architecture, Ground Floor, Academic Block-IV
4		Electronics & Communication Engineering	Mr Tabish Izhar	CAD Lab, Department of Civil Engineering, First Floor, Academic Block-II
1	11.08.2020 02:00PM-04:00PM	Applied Chemistry Applied Physics Applied Mathematics Professional Comm. Management	Ms Halima Sadia	CSE LAB 3 Department of CSE, First Floor, Academic Block-I

### HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

S.No	Training Schedule	Department/s	Trainer Name	Venue
2		Bio Sciences	Dr. Shish Ahmad	CSE LAB 2, Department of CSE, First Floor, Academic Block-I
3		Law, Mechanical Engineering	Mr Tabish Izhar	CAD Lab, Department of Civil Engineering, First Floor, Academic Block-II
1	13.08.2020, 10:00AM-12:00PM	Commerce and Business Management	Mrs. Nashra Javed	BT-14, Computational Biology Lab, Department of Bio Engineering, Second Floor, Academic Block-I
2		Computer Application	Dr Mohammad Arif	CSE LAB 6 Department of CSE, First Floor, Academic Block-I
1	13.08.2020, 02:00PM-04:00PM	Pharmacy, CCG&D	Dr Mohammad Arif	CAD Lab, Faculty of Architecture, Ground Floor, Academic Block-IV

The following modules of the ILI-LMS were discussed during the training:

1. Course Module: The structure of the course includes, sharing the study material, attendance, assignments, assessment etc.
2. Setting Module: Different course settings such as course tile, course code, start and end dates, etc.
3. Participant Module: Relevant information about students, including contact details.
4. Grades Module: Assessment, answer sheet evaluation etc.
5. Reports Module: All relevant reports including, attendance, gardes etc.



**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

**Training on ‘Learning Management System (LMS)’**

**For Faculty Members of**

**Integral Institute of Medical Science & Research (IIMSR)**

**2<sup>nd</sup> June to 4<sup>th</sup> June, 2021**

Integral Learning Initiative (ILI) is an in-house developed Learning Management System (LMS) of Integral University. The present era of technology augmented every sort of human life and so does teaching. The current technology of LMS enables the teacher to take care of his/her student beyond the boundaries of the classroom. The LMS enables self-paced learning at desired timings.

Therefore, to make teachers of IIMSR, Integral University well-versed in the newly implemented ILI-LMS, Human Resource Development Centre (HRDC) organised a three-day **Training on ‘Learning Management System (LMS)’ from 02.06.2021 to 04.06.2021.**

The training was conducted as per the following schedule:

<b>Session No.</b>	<b>Trainee Details</b>	<b>Date of Training</b>	<b>Timing</b>	<b>Google Meet Link</b>
<b>1</b>	All Faculty Members	2.06.2021	2:30 PM to 3:30 PM	<a href="https://meet.google.com/yfp-htvf-qxd">https://meet.google.com/yfp-htvf-qxd</a>
<b>2</b>	Faculty members who could not join the first session due to COVID or any other emergency duty. Faculty members seeking any clarification for doubts are also encouraged to join.	04.06.2021	2:30 PM to 3:30 PM	<a href="https://meet.google.com/yfp-htvf-qxd">https://meet.google.com/yfp-htvf-qxd</a>

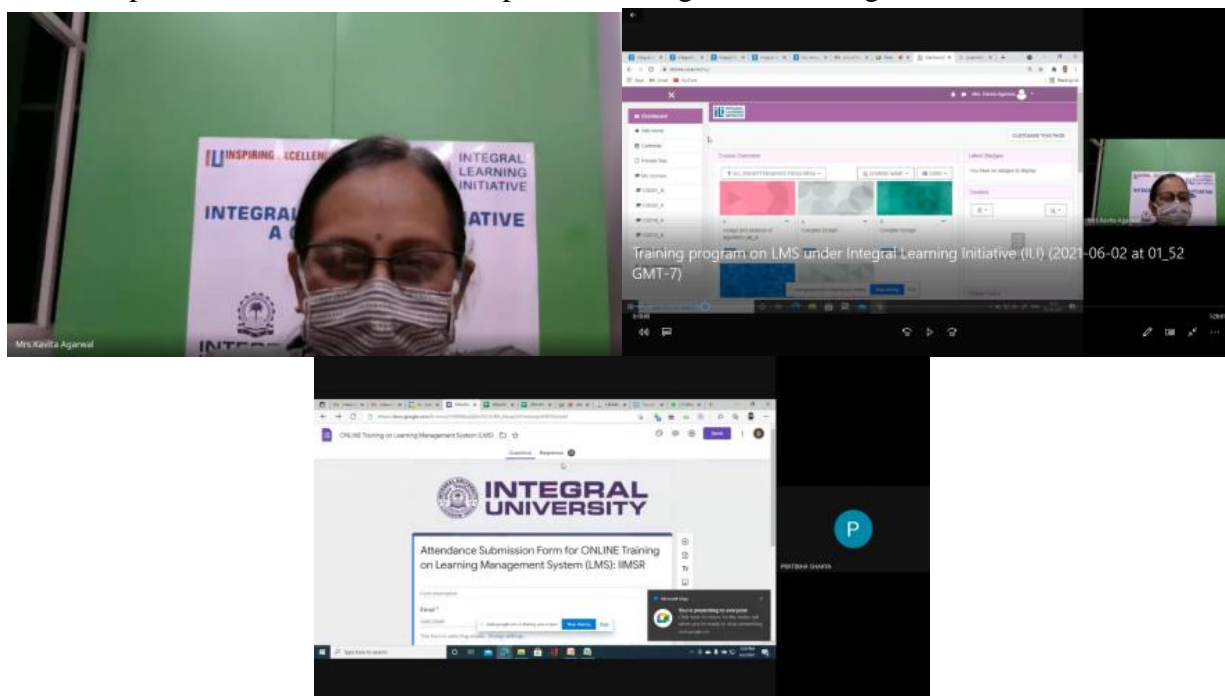
The trainer for the program was Ms. Kavita Agrawal, Associate Professor, Department of Computer Science & Engineering, Integral University, Lucknow. Recorded lecture is available to view on the link: [https://drive.google.com/file/d/1KyA9UOeXH7sKp8UflfHnG8K-L-9AWA-d/view?usp=sharing&https://drive.google.com/file/d/1e8v2ZWTxN\\_KH1hRZfyLBXhAA3Q2YdDx2/view?usp=sharing](https://drive.google.com/file/d/1KyA9UOeXH7sKp8UflfHnG8K-L-9AWA-d/view?usp=sharing&https://drive.google.com/file/d/1e8v2ZWTxN_KH1hRZfyLBXhAA3Q2YdDx2/view?usp=sharing)

The following modules of the ILI-LMS were discussed during the training:

1. Course Module: The structure of the course includes, sharing the study material, attendance, assignments, assessment etc.

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

2. Setting Module: Different course settings such as course title, course code, start and end dates, etc.
3. Participant Module: Relevant information about students, including contact details.
4. Grades Module: Assessment, answer sheet evaluation etc.
5. Reports Module: All relevant reports including, attendance, grades etc.



**A glimpse of Training on Learning Management System (LMS-  
<https://ilizone.in/2020/login/index.php>) for Teachers of IIMSR, Integral University,  
Lucknow**

The training program was conducted successfully and faculty members appreciated the content of the training program and the efforts of the trainers.

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### “Live interactive session on Body language”

18<sup>th</sup> September, 2021

A ‘Live interactive session on Body language’ was organized by ‘Faculty of Pharmacy’ under the aegis of ‘Human Resource Development Centre (HRDC)’, Integral University, Lucknow in collaboration with Pedatrix Global Solutions, Lucknow on **September 18, 2021 at 03:00 PM.**

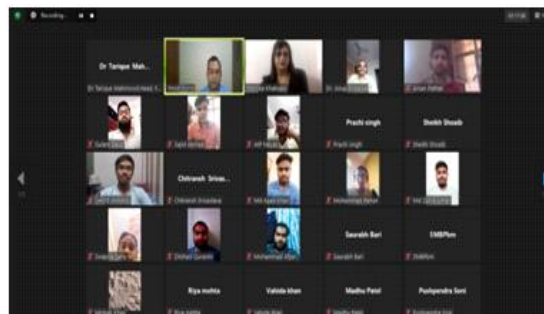
The session started with introduction of the speaker by moderator **Mr. Ranjan Kumar**, Faculty of Pharmacy, followed by a very interactive session delivered by **Miss Monika Khatwani, Trainer, Pedatrix Global Solutions**, Lucknow. Miss Monika described body language and its basics, the role of body language in various scenarios like interviews, classrooms, group discussions family and sales jobs with pictorial representations and live demonstrations during the session. The session was flooded with questions by students and all the questions were responded well by the speaker. The session was extended by 10 minutes to accommodate all the queries. The event was organized on zoom platform in online mode, was well received by audience and total 279 participants registered for the session. The faculty members and students were appreciative of the capabilities and knowledge of the speaker and expect more such sessions to be organized in the University.

Session concluded with vote of thanks presented by **Dr. Tarique Mahmood**, Head, Faculty of Pharmacy, Integral University, who congratulated speaker for the wonderful session, thanked collaborator Pedatrix Global Solutions for co-organizing the session and expressed desire to have more such sessions in the future. He also thanked **Prof. Syed Aqeel Ahmad**, Director, Human Resource Development Centre, Integral University for providing this opportunity and congratulated Faculty coordinator **Dr. Anup Kumar Sirbaiya**, Associate Professor, Faculty of Pharmacy for organizing such a fruitful session.

Link for the zoom

meeting: <https://zoom.us/j/97591632934?pwd=OG04S20xR0x5ZGZjK0h4dCtWeFBqdz09>

Link for the Google form: <https://forms.gle/GRvGS5CVPiDDyJps7>



## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### Invited Talk on Personalized Medicine (PM), Genetics & Cancer

7<sup>th</sup> October, 2021

An Invited Talk was delivered by **Prof. Sher Ali**, Distinguished Professor, Department of Life Sciences, Sharda University, Greater Noida & Former Head, Molecular Genetics Division, National Institute of Immunology, New Delhi on **Personalized Medicine (PM), Genetics & Cancer**. The talk was organized by Departments of Bioengineering, Biosciences and Pharmacy under the aegis of HRDC, Integral University in the Central Auditorium on 7<sup>th</sup> October, 2021. The talk was attended by Honourable Pro-Chancellor Dr. S. Nadeem Akhtar, Honourable Vice-Chancellor, Prof. Javed Mussarat, Registrar Integral University Prof. Shahid Ali Khan, Deans, HoDs, faculty members and students. The event was attended by 265 participants in all.

Prof. Syed Aqeel Ahmad, Director, HRDC Integral University delivered the welcome address and apprised the audience about scientific achievements of the esteemed speaker.

**Prof. Sher Ali's** talk was full of insightful inputs in the field of personalized medicine that gave the audience a glimpse of how molecular medicine is going to change the landscape of clinical practice. He elaborated on the status of personalized medicine, and mentioned that genetic variability is the main reason for differences observed in effectiveness of drugs on different individuals which can be a major hindrance in therapeutic outcome. He enthralled the audience through illustrative examples and stressed upon the need to study the role of interactome and gut –brain crosstalk which can be associated with some major diseases and their therapy. He also highlighted the impediments that have hindered the success of personalized medicine.

The talk was followed by a Q/A session moderated by Dr. Snober Mir, Associate Professor, Department of Bioengineering. The session attracted a lot of queries from faculty and inquisitive students which were answered by the speaker in a unique style blended with guidance for future research.

The session closed with the presentation of Memento to the Guest speaker by the Honourable Pro-Chancellor and Vice chancellor, the Pro-Chancellor appreciated the esteemed speaker and urged the faculty to learn from his skills and teaching pedagogy. The Vice chancellor extended gratitude towards the speaker for sparing valuable time and expressed his wish for future collaborations.

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)



## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### 63 IIRS ISRO Outreach Programme

on

### **“Remote Sensing Applications in Agricultural Water Management” (Human Resource Development Center, Integral University, Lucknow)**

**3<sup>rd</sup> August to 7<sup>th</sup> August, 2020**

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 **“Remote Sensing Applications in Agricultural Water Management”** from August 03-07, 2020 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.:

<b>Title of Talk</b>	<b>Resource Person</b>	<b>Date</b>
03 Aug 2020_Concept and Fundamentals of Agricultural Water Management	Dr. N. R. Patel	08/03/2020
04 Aug 2020_Remote Sensing of Irrigated Crop Area Mapping and Irrigation Crop Water Requirement	Mr. Abhishek Danodia	08/04/2020
05 Aug 2020_Remote Sensing of Regional Crop Evapotranspiration Estimation	Mr. Abhishek Danodia	08/05/2020
06 Aug 2020_Satellite Remote Sensing of Soil Moisture	Dr. N. R. Patel	08/06/2020

### HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

and Global Products		
07 Aug 2020_UAV and Advanced Remote Sensing for Agricultural Water Management	Dr. N. R. Patel	08/07/2020

Overall, Nine Participants attended the program and got benefitted from the much needed and timely insights on Remote Sensing Applications in Agricultural Water Management. The program was well appreciated by all the participants.

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

**One Week online Faculty Development Programme on  
“Advanced Research Trends of Satellite Image Processing in Land  
Surface Monitoring”  
24<sup>th</sup> August to 28<sup>th</sup> August, 2020**

It gives me immense pleasure to inform that Advanced Computing Research Lab, Department of Computer Application, successfully organized One Week Faculty Development Programme on “**Advanced Research Trends of Satellite Image Processing in Land Surface Monitoring**” under the aegis of **Human Resource Development Centre (HRDC), Integral University, Lucknow**, from 24<sup>th</sup> – 28<sup>th</sup> August 2020. The Advanced Computing Research Lab, Department of Computer Application has been established for exploring emerging research in the field of Computer Science. The objective behind the FDP was to provide a platform for the faculty members to get awareness about recent advancement in satellite image processing and update their knowledge/skills in this domain.

The COVID-19 pandemic has facilitated the researchers, academicians and industry personals to use the virtual platform to its fullest. It has been our pleasure to host all the participants on this virtual platform. We have also been fortunate to have some of the eminent persons from academia, industry and research fraternity, working in the area of Satellite Image Processing. The panel of speakers were from the prestigious institutions such as IIIT Allahabad, NIT Kurukshetra, NIT Delhi, Graphic Era University, Dehradun and University of California, USA. The participants were very enthusiastic. **A total of 350 participants from reputed institutions, from all over India, benefitted from the weeklong FDP.** This is a huge success in itself. The participants were evaluated on the basis of online examination for certification. Certificates have been awarded to the qualified participants.

**Prof. Syed Aqeel Ahmad, Director HRDC, Integral University** welcomed the speakers and the participants. He highlighted the importance of attending these Faculty Development Programs. He emphasized that we make memories during such programmes and learn a lot of new things from the experience of learned resource persons.

The weeklong event consisted of 6 technical sessions deliberating on the topics ranging from the basics of ‘Remote Sensing for Contemporary Applications: A Review of Water Index based Approaches of Water Extraction’ session by Dr. Triloki Pant, IIIT Allahabad to the more advanced topics ‘A Synthetic Dataset for Validation of Soil Moisture Algorithms in Agricultural Regions’ session taken by Dr. Akanksha Garg University of California, USA and ‘SAR Polarimetry: Concepts and Applications in Land Cover Monitoring’ session taken by Dr. Pooja Mishra IIIT Allahabad. She also discussed the latest research on Sentinel-1 for flood monitoring and characterization of Lunar Surface using Chandrayan-1 MiniSAR dataset for possible water-ice deposits on Lunar surface. The sessions were very enriching and

### HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

brainstorming. The programme was a success in achieving its objectives of stimulating the quest for learning advanced research concepts on Satellite Image Processing.

Glimpse of the Workshop		
Date	Topic	Speaker
24/08/2020 Monday	Inauguration	Prof. Syed Aqeel Ahmad Director, HRDC Integral University
	Remote Sensing Basics for Contemporary Applications: A Review of Water Index based Approaches of Water Extraction	Dr. Triloki Pant IIIT Allahabad
25/08/2020 Tuesday	Soil Parameter Retrieval with Synthetic Aperture Radar Data	Dr. Rishi Prakash Graphic Era University, Dehradun
26/08/2020 Wednesday	Data Fusion Application in Land Cover Classification Using Satellite Data	Dr. Vikas Mittal NIT Kurukshetra
27/08/2020 Thursday	SAR Polimetry: Concepts and Applications in Land Cover Monitoring	Dr. Pooja Mishra IIIT Allahabad
28/08/2020 Friday	An Approach to Classify Tall Vegetation and Urban Using Deoriented PALSAR Image	Dr. Shruti Gupta NIT Delhi
	A Synthetic Dataset for Validation of Soil Moisture Algorithms in Agricultural Regions	Dr. Akanksha Garg University of California, USA
	Valedictory	Prof. (Dr.) Mohammed Haris Siddiqui Director Admissions & Academics
30/08/2020 Sunday	Online Test E Certificate has been awarded to the participants who successfully qualified the online test.	

**Prof. (Dr.) Mohammed Haris Siddiqui, Director Admissions & Academics, Integral University** concluded the weeklong event. In his valedictory session speech, he highlighted the benefits and usages of satellite images for land use/ land cover mapping, agriculture monitoring, flood monitoring, land surface monitoring, urban and yield prediction and precision agriculture. He emphasized that the latest Locust attack can also be monitored by making use of satellite images.

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The Integral University administration has always been supportive for providing all possible logistic support for organizing such events. The efforts of the organizing committee should also be applauded. Behind the scenes arrangements were done and the FDP was conducted smoothly by the efforts of coordinators of Dr. Tasneem Ahmed, Mrs. Nashra Javed, Assistant Professor, Department of Computer Application and Mrs. Halima Sadia, Assistant Professor Department of CSE.

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### 66- IIRS ISRO Outreach Programme on "Global Navigation Satellite System" (Human Resource Development Center, Integral University, Lucknow) 14<sup>th</sup> September to 25<sup>th</sup> September, 2020

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 66- IIRS ISRO Outreach Programme on "Global Navigation Satellite System" from 14 to 25-Sep-2020 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.

Prime focus of 66-IIRS ISRO Outreach Programme was Introduction to GPS and GNSS, GPS receivers, processing methods, errors and accuracy, Satellites based Augmentation systems GPS Aided and GEO Augmented Navigation (GAGAN) and Indian Regional Navigation Satellite System (IRNSS).

Vide range of topics were covered in the various technical sessions:

S. No.	Date	Topic	Resource Person	Link of material
1.	14 September, 2020	Introduction to GPS and GNSS	Dr. Ashutosh Bhardwaj	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmSW50cm9kdWN0aW9uIHRvIEdQUyBhbmQgR05TUyBJbnRlcmFjdGJl2ZSBTZXNzaW9uJiBEci4gQXNodXRvc2ggQmhhcmR3YWomU1RpSWozTk9Qdk0mMjAyMCAwOS0xNA==">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmSW50cm9kdWN0aW9uIHRvIEdQUyBhbmQgR05TUyBJbnRlcmFjdGJl2ZSBTZXNzaW9uJiBEci4gQXNodXRvc2ggQmhhcmR3YWomU1RpSWozTk9Qdk0mMjAyMCAwOS0xNA==</a>
2.	15 September, 2020	GPS receivers, processing methods, errors and accuracy	Dr. Ashutosh Bhardwaj	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmR1BTRHJlY2VpdmlVycywgHJvY2Vzc2luZyBtZXRob2RzLCBlcnJvcnMgYW5kIGFjY3VvYWN5JkRyLiBBc2hldG9zaCBCaGFyZhdhai">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmR1BTRHJlY2VpdmlVycywgHJvY2Vzc2luZyBtZXRob2RzLCBlcnJvcnMgYW5kIGFjY3VvYWN5JkRyLiBBc2hldG9zaCBCaGFyZhdhai</a>

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				<a href="https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmU2F0ZWxsaXRlcYBiYXNlZCBBDWdtZW50YXRpb24gc3lzdGVtcyAgR1BTIEFpZGVkIGFuZCBHRU8gQXVnbWVudGVkIE5hdmlnYXRpb24gKEdBROF0KSYSgRHuIEFzaHV0b3NoIEJoYXJkd2FqJmRSVFBSaG5kSThnJlIwMjAtMDktMTc=">ZqZFRDNHJtOU92WSYyMDIwLTA5LTE1</a>
3.	17 September, 2020	Satellites based Augmentation systems GPS Aided and GEO Augmented Navigation (GAGAN)	Dr. Ashutosh Bhardwaj	<a href="https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmR1BTIHNPZ25hbCBjaGFyYWN0ZSJpc3RpY3MsIERhdGEgZm9ybWFOcyAoYnJvYWRjYXN0LCBwc mVjaXNlIGVwaGVtZSJpcyk mRHuIEFzaHV0b3NoIEJoYXJkd2FqJmRSVFBSaG5kSThnJlIwMjAtMDktMTc=">https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmR1BTIHNPZ25hbCBjaGFyYWN0ZSJpc3RpY3MsIERhdGEgZm9ybWFOcyAoYnJvYWRjYXN0LCBwc mVjaXNlIGVwaGVtZSJpcyk mRHuIEFzaHV0b3NoIEJoYXJkd2FqJmRSVFBSaG5kSThnJlIwMjAtMDktMTc=</a>
4.	18 September, 2020	GPS signal characteristics, Data formats (broadcast, precise ephemeris)	Mrs Minikashi Kumar	<a href="https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmMjEgU2VwIDIwMjBfSW5kaWFuIFJlZ2lrbmF5IE5hdmlnYXRpb24gU2F0ZWxsaXRlIFN5c3RlbSAoSVJOU1MpJkRyLiBBc2h1dG9zaCBhbmQgU2hyaS4gS2FtYWwmMlcYOHd6ZFRES3cmMjAyMC0wOS0yMQ==">https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmMjEgU2VwIDIwMjBfSW5kaWFuIFJlZ2lrbmF5IE5hdmlnYXRpb24gU2F0ZWxsaXRlIFN5c3RlbSAoSVJOU1MpJkRyLiBBc2h1dG9zaCBhbmQgU2hyaS4gS2FtYWwmMlcYOHd6ZFRES3cmMjAyMC0wOS0yMQ==</a>
5.	21 September, 2020	Indian Regional Navigation Satellite System (IRNSS)	Shri. Kamal Kumar	<a href="https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmMjEgU2VwIDIwMjBfREdQUyBkZW1vbnN0cmF0aW9uIChQcmUtmVjb3JkZWQgZm9sbG93ZWQgYnkqbGl2ZSBxdWVyeSBzZXNzaW9uKSZEci4gQXNodXRvc2ggQmhhcmR3YWomclpzSVA4WFJzbzQmMjAyMC0wOS0yMg==">https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmMjEgU2VwIDIwMjBfREdQUyBkZW1vbnN0cmF0aW9uIChQcmUtmVjb3JkZWQgZm9sbG93ZWQgYnkqbGl2ZSBxdWVyeSBzZXNzaW9uKSZEci4gQXNodXRvc2ggQmhhcmR3YWomclpzSVA4WFJzbzQmMjAyMC0wOS0yMg==</a>
6.	22 September, 2020	DGPS demonstration	Dr. Poonam S Tiwari	<a href="https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmQWR2YW5jZSBHTINTIHByb2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2Fub">https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmQWR2YW5jZSBHTINTIHByb2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2Fub</a>
7.	23 September, 2020	Classification Accuracy Assesment and Change detection	Shri. Kamal Kumar	<a href="https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmQWR2YW5jZSBHTINTIHByb2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2Fub">https://eclassems.iirs.gov.in/water/lecture.php?id=NjYmQWR2YW5jZSBHTINTIHByb2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2Fub</a>

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				<a href="#">mF1am15YSZlSV9VQ29fMFp4cyYyMDIwLTA5LTI0</a>
8.	24 September, 2020	Advance GNSS processing	Dr. Ashutosh Bhardwaj	<a href="https://eclassems.iirs.gov.in/watch_lecture.php?id=NjYmQWR2YW5jZSBHTINTIHByb2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2FubmF1am15YSZlSV9VQ29fMFp4cyYyMDIwLTA5LTI1">https://eclassems.iirs.gov.in/watch_lecture.php?id=NjYmQWR2YW5jZSBHTINTIHByb2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2FubmF1am15YSZlSV9VQ29fMFp4cyYyMDIwLTA5LTI1</a>

Overall **Eighty Nine participants** attended the program and got benefitted from the much needed and timely insights on Indian Regional Navigation Satellite System (IRNSS) and Advance GNSS processing. Coordinator also appreciated the zeal and enthusiasm of Integral University participants.

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### 74- IIRS ISRO Outreach Programme on “Satellite based Navigation: A Journey from GPS to Mobile phone Platform” (Human Resource Development Center, Integral University, Lucknow) 1<sup>st</sup> March to 12<sup>th</sup> March, 2021

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 74, 2 Week IIRS ISRO Outreach Programme on “Satellite based Navigation: A Journey from GPS to Mobile phone” from March 01-11, 2021 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.

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

S. No.	Date	Topic	Resource Person	Link of material
1.	01 March 21	Introduction to GNSS	Shiva Reddy	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmMjEgU2VwIDIwMjBfSW5kaWFuIFJlZ2lvmF5IE5hdmInYXRpb24gU2F0ZWxsaXRlIFN5c3RlbSAoSVJOU1MpJkRyLiBBc2h1dG9zaCBhbmQgU2hyaS4gS2FtYWwmMlcyOHd6ZFRES3cmMjAyMC0wOS0yMQ==">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmMjEgU2VwIDIwMjBfSW5kaWFuIFJlZ2lvmF5IE5hdmInYXRpb24gU2F0ZWxsaXRlIFN5c3RlbSAoSVJOU1MpJkRyLiBBc2h1dG9zaCBhbmQgU2hyaS4gS2FtYWwmMlcyOHd6ZFRES3cmMjAyMC0wOS0yMQ==</a>
2.	02 March 21	Satellite Based Navigation Systems (IRNSS etc)	P. K. C. Ray	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmR1BTIHJlY2VpdnVycywgHjvY2Vzc2luZyBtZXRob2RzLCBlcnJvcnMgYW5kIGFjY3VyYWN5JkRyLiBBc2h1dG9zaCBCaGFyZhdhaiZqZFRDNHJtOU92WSYyMDIwLTA5LTE1">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmR1BTIHJlY2VpdnVycywgHjvY2Vzc2luZyBtZXRob2RzLCBlcnJvcnMgYW5kIGFjY3VyYWN5JkRyLiBBc2h1dG9zaCBCaGFyZhdhaiZqZFRDNHJtOU92WSYyMDIwLTA5LTE1</a>
3.	03 March 21	GNSS Measurement and Positioning Techniques	Ashutosh Srivastava	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmU2F0ZWxsaXRlcYBiYXNlZCBDbWdtZW50YXRpb24gc3lz">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmU2F0ZWxsaXRlcYBiYXNlZCBDbWdtZW50YXRpb24gc3lz</a>

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				<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmR1BTIHNpZ25hbCBjaGFyYWN0ZXJpc3RpY3MsIERhdGEgZm9ybWF0cyAoYnJvYWRjYXN0LCBwcmVjaXNIIGVwaGVtZXJpcyk mRHIuIEFzaHV0b3NoIEJoYXJkd2FqI CYgU2hyaSBBC2hpc2ggSm9zaGkmY3FabWlyb2k4SWsmMjAyMC0wOS0xOA==">dGVtcyAgR1BTIEFpZGVkIGFuZCBHRU8gQXVnbWVudGVkIE5hdmlnYXRpb24gKEdBROFOKSYgRHIuIEFzaHV0b3NoIEJoYXJkd2FqJmRSVFBSaG5kSThnJjIwMjAtMDktMTc=</a>
4.	04 March 21	GNSS Receivers GNSS Errors	Dr. Ashutosh Bhardwaj	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmR1BTIHNpZ25hbCBjaGFyYWN0ZXJpc3RpY3MsIERhdGEgZm9ybWF0cyAoYnJvYWRjYXN0LCBwcmVjaXNIIGVwaGVtZXJpcyk mRHIuIEFzaHV0b3NoIEJoYXJkd2FqI CYgU2hyaSBBC2hpc2ggSm9zaGkmY3FabWlyb2k4SWsmMjAyMC0wOS0xOA==">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmR1BTIHNpZ25hbCBjaGFyYWN0ZXJpc3RpY3MsIERhdGEgZm9ybWF0cyAoYnJvYWRjYXN0LCBwcmVjaXNIIGVwaGVtZXJpcyk mRHIuIEFzaHV0b3NoIEJoYXJkd2FqI CYgU2hyaSBBC2hpc2ggSm9zaGkmY3FabWlyb2k4SWsmMjAyMC0wOS0xOA==</a>
5.	05 March 21	Satellite based Augmentation System (GAGAN etc)	Shri Ashish Joshi	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmQWR2YW5jZSBHTlNTIHB5b2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2FubmF1aml5YSZlSV9VQ29fMFp4cyYyMDIwLTA5LTI1">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmQWR2YW5jZSBHTlNTIHB5b2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2FubmF1aml5YSZlSV9VQ29fMFp4cyYyMDIwLTA5LTI1</a>
6.	09 March 21	Application of GNSS in location based services	Mr. Vinay Kumar	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmQWR2YW5jZSBHTlNTIHB5b2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2FubmF1aml5YSZlSV9VQ29fMFp4cyYyMDIwLTA5LTI1">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmQWR2YW5jZSBHTlNTIHB5b2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2FubmF1aml5YSZlSV9VQ29fMFp4cyYyMDIwLTA5LTI1</a>
7.	10 March 21	Application of GNSS in Geosciences	Ashutosh Srivastava	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmQWR2YW5jZSBHTlNTIHB5b2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2FubmF1aml5YSZlSV9VQ29fMFp4cyYyMDIwLTA5LTI0">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmQWR2YW5jZSBHTlNTIHB5b2Nlc3NpbmcmU2hyaSBTdXJlc2ggS2FubmF1aml5YSZlSV9VQ29fMFp4cyYyMDIwLTA5LTI0</a>
8.	11 March 21	Application of GNSS: Atmospheric Studies	Suresh Kannaujiya	<a href="https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmMjIwMjAtMDktMTc0fREdQUYyBkZW1vbnN0cmF0aW9uIC hQcmU2cmVjb3JkZWQgZm9sbG93ZWQgYnkgbGl2ZSBxdWVyeSBzZXNzaW9uKSZEci4gQXNodXRvc2ggQmhhcmR3YWomclpzSVA4WFJzbzQmMjAyMC0wOS0yMg==">https://eclasscms.iirs.gov.in/watch_lecture.php?id=NjYmMjIwMjAtMDktMTc0fREdQUYyBkZW1vbnN0cmF0aW9uIC hQcmU2cmVjb3JkZWQgZm9sbG93ZWQgYnkgbGl2ZSBxdWVyeSBzZXNzaW9uKSZEci4gQXNodXRvc2ggQmhhcmR3YWomclpzSVA4WFJzbzQmMjAyMC0wOS0yMg==</a>
9.	12 March 21	Panel Discussion	-	

Overall, **Six Participants** attended the program and got benefitted from the much needed and timely insights on Satellite based Navigation.



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## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### Institute Certificate by ISRO:

 सत्यमेव जयते	<p><b>भारतीय सुदूर संवेदन संस्थान/ INDIAN INSTITUTE OF REMOTE SENSING</b>  <b>भारतीय अंतरिक्ष अनुसंधान संगठन/ INDIAN SPACE RESEARCH ORGANISATION</b>  <b>अंतरिक्ष विभाग, भारत सरकार/ DEPARTMENT OF SPACE, GOVERNMENT OF INDIA</b></p>	
<p>बहिः परिसर संचर्क/ विस्तार कार्यक्रम प्रमाण पत्र          OFF - CAMPUS OUTREACH CERTIFICATE PROGRAMME</p>		<p>COR746422021</p>
<p>संस्थान की सहभागिता का प्रमाण पत्र          CERTIFICATE OF PARTICIPATION OF INSTITUTE</p>		
<p>यह प्रमाणित किया जाता है कि <b>इंटेग्रल यूनिवर्सिटी, लखनऊ</b> ने भारतीय सुदूर संवेदन संस्थान, इसरो देहरादून द्वारा संचालित ऑनलाइन प्रशिक्षण पाठ्यक्रम <b>उपग्रह आधारित नेविगेशन : जी.पी.एस. से मोबाइल फोन तक की यात्रा</b> में भाग लिया। इस ऑनलाइन पाठ्यक्रम का संचालन दिनांक 01 मार्च, 2021 से 12 मार्च, 2021 तक किया गया।</p>		
<p>This is to certify that <b>INTEGRAL UNIVERSITY, LUCKNOW</b>, has participated in online training programme conducted by Indian Institute of Remote Sensing, ISRO Dehradun on <b>Satellite based Navigation: A Journey from GPS to Mobile Phone Platform</b>. This online programme was conducted during March 01, 2021 to March 12, 2021</p>		
<p>दिनांक/ Date: 23-03-2021          देहरादून/ Dehradun</p>	<p>          प्रमुख,          जियोवेब सर्विसेस, सूचना प्रौद्योगिकी एवं दूरस्थ अधिगम विभाग          Head, Geoweb Services, IT &amp; Distance Learning Department, IIRS</p>	<p>          समूह प्रमुख,          भू-स्थानिक प्रौद्योगिकी एवं आउटरीच कार्यक्रम समूह          Group Head, Geospatial Technologies &amp; Outreach Programme Group, IIRS</p>

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### Two-Weeks Blended Faculty Development Programme on “Next-Gen Computing Technologies” 10<sup>th</sup> November to 25<sup>th</sup> November, 2021

Having discovered the advantages of the blended learning approach, it only makes sense to spread its accessibility to educators all over. Hence to bridge the awareness gap, **Faculty Development Programme (FDP)** is designed to discover, experiment and adapt this technique with much ease. Last year, we conducted three e-FDPs on the most trending technologies with a vision to transform the teaching-learning experience and restructure the learning curve of academicians.

With this aim, the **Advanced Computing Research Lab, Department of Computer Application** under the aegis of **Human Resource Development Centre (HRDC)**, Integral University, organized a *Two-Week Blended Faculty Development Programme* on “*Next-Gen Computing Technologies, NGCT-2021*” from 10<sup>th</sup>-25<sup>th</sup> November, 2021. The entire FDP was productively delivered via *ILI Learning Management System*. Through this platform, speakers from reputed institutes/companies exchanged their views on recent technological trends with faculty/research scholars spanning across India.

#### **FDP Highlights:**

- Registered Participants: **78**
- **80+ hours** of online active engagement through content-based learning, assignments & quizzes on **ILI**.
- Participants were from **10 different states** across India.
- A "**Certificate of Completion**" was given to the participants after completing all activities of ten modules.

SESSIONS OF THE FDP		
Date	Topic	Speaker
10-11-2021	Topic: Handling Statistical Data using R Programming	<b>Dr. Ajay Pratap</b> Amity University, Lucknow
13-11-2021	Topic: Data Analytics for Legacy and Modern data platform	<b>Mr. Sandeep Pandit</b> YARA International
15-11-2021	Topic: Cloud Technology	<b>Mr. Khalid Jamal</b> i-Nurture Education Solutions Pvt. Ltd
17-11-2021	Topic: Internet of Things	<b>Mr. Mohd. Siddique</b> Majan University, Oman
18-11-2021	Topic: Ethical Hacking	<b>Mr. Ankit Kumar</b> Hanu Software Solutions, Greater Noida
20-11-2021	Topic: Programming with PL/SQL	<b>Mr. Farooq Ahmad</b> Integral University, Lucknow

### HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

22-11-2021	Topic: Microsoft Azure	<b>Mr. Nayyar Ali Usmani</b> Hanu Software Solutions, Greater Noida
23-11-2021	Topic: Data Analytics	<b>Dr. Mohd. Shahid Hussain</b> University of Technology and Applied Sciences, CAS-Ibri campus, Oman
24-11-2021	Topic: Security Governance	<b>Dr. Suhel Ahmad Khan</b> IGNTU, Amarkantak
25-11-2021	Topic: Blockchain Technology	<b>Dr. Amrendra Singh Yadav</b> i-Nurture Education Solutions Pvt. Ltd

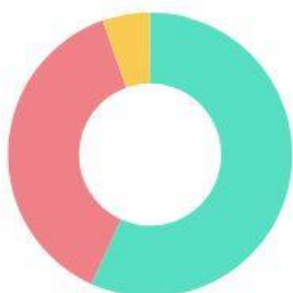
This sixteen-day-long FDP couldn't be possible without the constant support and motivation from **Prof. (Dr.) Syed Aqeel Ahmad**, Director, Human Resource Development Centre and **Prof. (Dr.) Naim R. Kidwai**, Deputy Director IQAC. All the FDP related activities like e-content, quizzes, and assignments were effectively well-coordinated by the **Organizing Committee Members: Dr. Mohd. Waris Khan, Mr. Malik Shahzad Ahmad, Dr. Ausaf Ahmad, Mr. Dr. Asif Khan and Mohd. Faizan.**

Overall, FDP management was artfully administered by **FDP Coordinators: Dr. Sandeep Kumar Nayak, Dr. Tasneem Ahmed, Ms. Nashra Javed, and Mr. Farooq Ahmad**, who arranged for quality speakers for this FDP and walked the extra mile to bridge the participants with the speakers. Also, they were instrumental in ensuring the punctuality of the program. All the participants were enthusiastic and responsive throughout the event. FDP concluded with excellent feedback and positive response from all participants as they found the sessions to be insightful, informative, inspiring, and enriching.

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

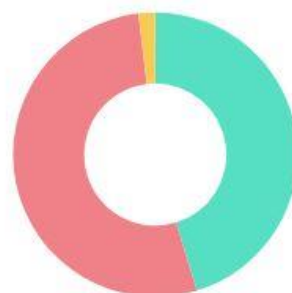
### *Feedback analysis of participants:*

Quality of learning material/demonstration given



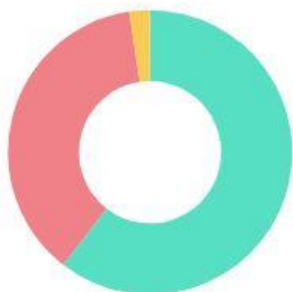
Excellent (56.76%) Very Good (37.84%) Satisfactory (5.41%)

Quality of learning support provided by FDP Team



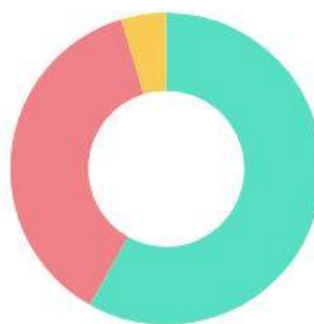
Excellent (45.28%) Very Good (52.83%) Satisfactory (1.89%)

Learning from the FDP program shall improve effectiveness in your work & research



Strongly Agree (60.47%) Agree (37.21%) Neutral (2.33%)

Overall learning experience

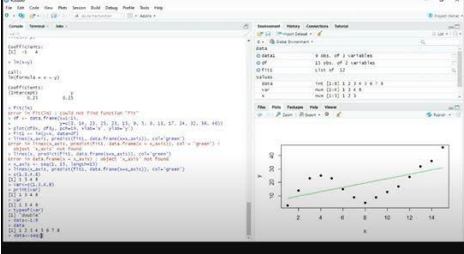


Excellent (58.14%) Very Good (37.21%) Satisfactory (4.65%)

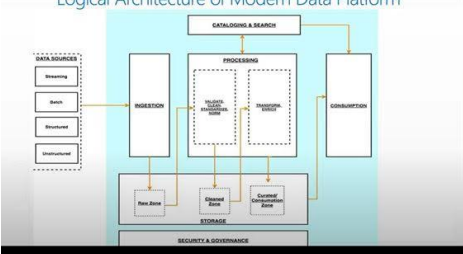
## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### FDP sessions at glance:

FDP\_NGCT\_Session\_1\_1 (6053) (2021-11-09 at 22:41 GMT-8)



FDP\_NGCT\_Session\_2 (6053) (2021-11-12 at 21:43 GMT-8)



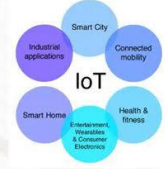
**Data and Latest Trends in Technology**

As predicted by Parkhill, computing will be distributed across the world and coordinated via various public access networks (Parkhill,1966).


With fourth digital revolution, this era is getting smart with IoT through technology and connectivity solutions (Botta et al,2018)

IoT due to its pervasiveness is going to dominate our daily life.

Developing smart city systems such as transportation, parking, illumination, traffic, and health requires the establishment of a network that facilitates scaling up and minimises the costs associated with providing the infrastructure with modern technologies.



**Microsoft Azure?**

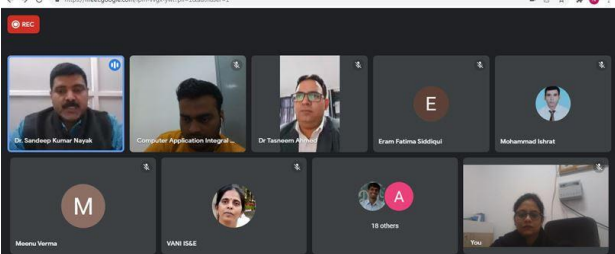


- Azure is a public cloud computing platform—with solutions including Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS) that can be used for services such as analytics, virtual computing, storage, networking, and much more.

**Data generated every Minute... a glimpse**

- more than 500 hours of video content uploaded
- 474,000 Tweets
- over 247,203 stories (photos and videos) viewed
- 100,000 photos (photos)
- 150,000 shared messages
- 40 million messages via SMS and in-app messages
- 41.07 million messages
- Over 2.8 Billion searches
- 92,000 people connected
- 200,000 participant engaged in meetings
- 1,000,000 persons engaged on video call
- 100 Billion
- 800,000 hours of Netflix content are streamed

\*Source: Data's Data never Sleeps 8.8 report



1:22 PM | FDP\_NGCT\_Session\_10 (6053)



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## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

*FDP completion certificate:*

 <b>INTEGRAL UNIVERSITY</b> LUCKNOW (INDIA)	 <b>INTEGRAL UNIVERSITY</b> LUCKNOW - INDIA	 <b>INSPIRING EXCELLENCE</b>	 <b>ISTE</b> SOCIETY FOR TECHNICAL EDUCATION
<h3>CERTIFICATE OF COMPLETION</h3>			
<p>This is to certify that <b>XXXXXX XXXXXX</b> (Registration ID: NGCTXXXX) <b>XXXXXXXX, XXXXXXXXXXXXXXXX</b> has successfully completed Two-weeks blended Faculty Development Programme on</p>			
<h2>Next-Gen Computing Technologies</h2>			
<p>Organized by Department of Computer Application under the aegis of Human Resource Development Centre (HRDC), Integral University, Lucknow, from 10-11-2021 to 25-11-2021</p>			
<p>[10-days face to face session (One week equivalent) and 80+ hours of online active engagement (One week equivalent)]</p>			
<p>Issue date: 1 December 2021</p>			
 <b>Dr. Mohammad Faisal</b> Head, Dept. of Computer Application Integral University, Lucknow	 <b>Prof. (Dr.) T Usmani</b> Dean, Computer Application Integral University, Lucknow	 <b>Prof. (Dr.) Syed Aqeel Ahmad</b> Director, HRDC Integral University, Lucknow	
<p>Certificate Number: XXX-XXXX-XXXXX</p>			

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

**Seven Days Refresher Course on  
National Education Policy (NEP)-2020  
24<sup>th</sup> February to 03<sup>rd</sup> March, 2021**



**Group photo of participants and facilitators after successful completion of Seven Days Refresher Course on National Education Policy (NEP) – 2020**

A Seven Days Refresher Course on **National Education Policy (NEP) – 2020** has been organized by Human Resource Development Centre (HRDC), Integral University, Lucknow from 24<sup>th</sup> February to 03<sup>rd</sup> March' 2021, as per following schedule:

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### Programme Schedule - Seven Days Refresher Course on National Education Policy (NEP) – 2020

Date / Day	Timing	Program Name	Venue	Speaker
24.02.2021 (Wed)	02:00 – 04:00PM	Inaugural Session	Central Auditorium	V.C. (ChiefGuest)
		About National Education Policy (NEP) –2020- Group I	Central Auditorium	Prof. A.K.Saxena*
25.02.2021 (Thu)	02:00 – 04:00PM	About National Education Policy (NEP) –2020- Group II	Central Auditorium	Prof. A.K.Saxena*
26.02.2021 (Fri)	02:00 – 04:00PM	Efforts by State/Central Government in implementing NEP – 2020 HRDC	Central Auditorium	Dr. AnilKumar**
27.02.2021 (Sat)	10:00AM – 12:00 Noon	QUIZ about NEP – 2020	Central Auditorium	-
01.03.2021 (Mon)	02:00 – 03:00PM	Essay Writing about NEP – 2020	Hall-1	-
02.03.2021 (Tue)	02:00 – 04:00PM	Debate about NEP – 2020	Central Auditorium	-
03.03.2021 (Wed)	02:00 – 04:00PM	Discussions on implementing NEP 2020in Integral University	Central Auditorium	Prof. A.K.Saxena

\* Dean, Faculty of Commerce & Management, Integral University, Lucknow.

\*\* State Project Administrator, SPIU-UP/TEQIP-III, GoI.

The workshop was inaugurated by Prof. Aqil Ahmad, Hon'ble Vice-Chancellor, Integral University as chief guest and Prof. Syed Aqeel Ahmad, Director, HRDC conducted the brief proceedings of the program. Hon'ble Vice-Chancellor highlighted the importance of the National Education Policy-2020.



**Opening address by Vice-Chancellor Prof. Aqil Ahmad and Special Lecture by Prof. A. K. Saxena, Dean, Faculty of Commerce & Management, Integral University, Lucknow**

### **HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

Thereafter, **Prof. A. K. Saxena, Dean, Faculty of Commerce & Management, Integral University, Lucknow** gave a detailed Power Point Presentation on NEP-2020 to the participants (Faculty Members) of the refresher course.

Prof. A. K. Saxena, highlighted the detailed description (components) of NEP-2020 viz., major transformational reforms in the Indian Educational System – from the school to college level. The evolution had been discussed dated back to 1948-49 with establishment of University Education Commission to the newest 2020 – National Education Policy (NEP). The role of statutory/regulatory bodies viz., UGC, AICTE, CoA, BCI, PCI, NCTE, MCI and other governing bodies were also highlighted.

The National Education Policy – 2020 stands on the foundational pillars of access, equity, quality, affordability & accountability and the successful implementation of the NEP-2020 revolves around it.

The NEP-2020 replaced the 34 year old National Policy on Education (NEP) – 1986 and rightly aligned to the 2030 agenda for sustainable development. The NEP-2020 envisages the revision and revamping of all aspects of education structure including regulation to create a new system that is also aligned with Sustainable Development Goal-4 (SDG4) while building upon India's traditions and value systems. The policy meticulously explained school education reforms, with emphasis on 100% Gross enrolment ratio (GER) from preschool to secondary level by 2030. The merits and importance of open schooling system, with the wishful ambition of bringing 2 crores out of school children back into the mainstream through the open schooling system. The current 10+2 system to be replaced by a new 5+3+3+4 curricular structure corresponding to ages 3-8, 8-11, 11-14 and 14-18 year respectively.

During the week long refresher course, the participants were made aware about various features of NEP-2020 including 'PARAKH' National Assessment Centre for Under School Education, constitution of National Curriculum Framework for Teacher Education (NCFTE) 2021.

On 26<sup>th</sup> February 2021, Dr. Anil Kumar, State Project Administrator, SPIU-UP/TEQIP-III MoE, GoI, spoke about the modalities of NEP-2020, under the aegis of MoE, GoI, in pursuance of Education Policy of GOI. Dr. Anil Kumar enlightened the august gathering with various intricacies of NEP-2020 followed by brain storming session with the participants.

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

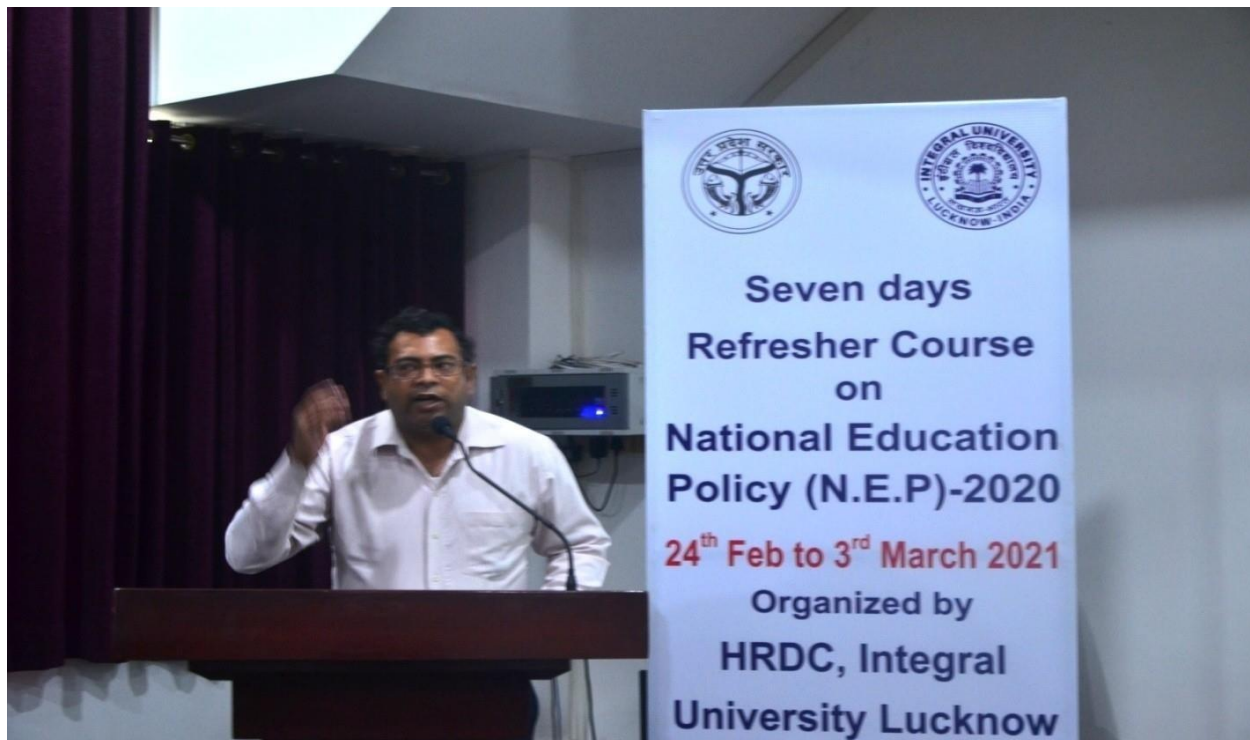


**Felicitation of Dr. Anil Kumar, State Project Administrator, SPIU-UP/TEQIP-III MoE, GoI by Prof. Syed Aqeel Ahmad, Director HRDC and Prof. M. A. Khalid, DSW, Integral University, Lucknow**

To ensure active participation, various competitions like quiz, essay writing and debate were organized wherein participants enthusiastically participated. On 27<sup>th</sup> February 2021 Quiz competitions on NEP-2020 was organized and top three positions were secured by Dr. Ayan Mustafa, Ms. Tahmeena Khan and Ms. Shafaq Naaz respectively.

On 01<sup>st</sup> March 2020 Essay writing competition was held on the topic of “Ek Bharat Shrestha Bharat” and “NEP-2020: Advantage and Disadvantage”. Top positions were secured by Mr. Ranjan Kumar, Prof Iffat Zareen Ahmad, Dr. Shahid Mazhar and Dr. Md. Ariz Siddiqui. Further on 02<sup>nd</sup> March 2020 in the debate competitions top positions were secured by Mr. Tabish Izhar, Dr. Neha Mumtaz, Dr. Tayyab Khan and Mr. Shakibul Haque. To seal the remembrance, trophies & certificates were distributed to the top performers and rest participants were awarded with participation/appreciation certificates.

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**



**Mr. Ranjan Kumar, Participant of debate competition expressing his view on NEP-2020**

On the final day of the refresher course i.e. 3<sup>rd</sup> March, 2021, the discussion on the modalities of Implementation of NEP-2020 was organized by Prof. A. K. Saxena, Dean, Faculty of Commerce & Management, Integral University wherein many important recommendations were given by participants and officials of Integral University, Lucknow to increase effectiveness of the policy and to achieve holistic national development which are listed below:

1. More focus on women's education by setting up dedicated target to ensure inclusion and reduce drop-out.
2. Protection of education system from commercialization, ensuring access to quality education regardless to economic state of learner.
3. Special care to develop best quality teachers, which is the base of any education system. Strike a balance between demand and supply of quality human resource.
4. Regulatory frame work is needed for credit transfer with especial care on functioning of foreign players & business houses so as to prevent 'intellectual undermining' of existing Indian Universities and Institutes of National Importance.

The seven day refereshers course on **National Education Policy (NEP) – 2020** was successfully concluded with vote of thanks delivered by Mr. Zishan Raza Khan, Dy. Director, HRDC, Integral University, Lucknow wherein he thanked all stakeholders and Government of India and Government of Uttar Pradesh with a wish that India will become '**Vishwa Guru**' once again.

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)



**A glimpse of activities conducted under Seven Days Refresher Course on National Education Policy (NEP) – 2020 from 24.02.2021 to 03.03.2021 at Integral University, Lucknow**

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

**National Webinar on  
“NEP-2020: Restructuring Higher Education”  
7<sup>th</sup> June, 2021**

To realize the dream of transforming the education system and making it truly relevant for the challenges of 21<sup>st</sup> century, National Education Policy (NEP) 2020 was approved by the Govt. of India on 29<sup>th</sup> July 2020.

In accordance with the Government’s directives, the Task Force for Implementation of NEP-2020 & Human Resource Development Centre (HRDC), Integral University had organized a **National Webinar on “NEP-2020: Restructuring Higher Education” on 7<sup>th</sup> June 2021** wherein total 240 participants from 21 Universities and Institutes participated.

Webinar started under the patronage of Prof. Syed Waseem Akhtar, Honorable Founder & Chancellor and Dr. Syed Nadeem Akhtar, Pro-Chancellor of Integral University, Lucknow. Event observed the gracious presence of Prof. Javed Musarrat, Vice Chancellor, Integral University, Lucknow as Chairman of the event with Dr. Anil Kumar, State Project Administrator, SPIU-UP as the speaker.

The webinar started with welcome by Prof. Syed Aqeel Ahmad, Director HRDC, Integral University, Lucknow. In his address, he emphasized that the education system should be capable of meeting the demands of 21<sup>st</sup> century along with the needs of the people, thus NEP-2020 is the right step towards realizing this dream. Prof. Aqeel acknowledged the pivotal role of UP higher education council in spreading awareness of higher educational reforms and taking on-board a large number of students, parents and academicians in the transformational journey of NEP-2020.

Dr. Anil Kumar enlightened the august gathering with great clarity and in-depth knowledge of various intricacies of NEP-2020. Dr. Kumar highlighted the need for reforms in the present education system by implementing the policy in its true sense and spirit.

Dr. Kumar informed that the NEP-2020 reflects the journey of education in India since independence to the Kothari Commission in 1966 to Krishnaswamy Kasturirangan committee report submitted in 31<sup>st</sup> May 2019. After 1 year 2 months of review of the report, in July 2020 the government came forward with a New Education Policy. During the finalization of NEP-2020, extensive consultation was carried out with 2.5 Lakh Gram Panchayat, 6600 Blocks, 6000 Urban Local Bodies and 676 Districts in order to form a policy inclusive and addressing the needs of everybody in the country. By successfully implementing the NEP-2020, the true potential of our huge human resource can be effectively utilized, not only to address the needs of the Nation but for the whole world. In the words of the Honorable Prime Minister of India, the NEP-2020 aims to provide “Equitable” opportunity in education, which means that access to quality education is available to all, especially to the less privileged category. Dr. Kumar also

### **HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

emphasized the need for accreditation of Universities and Institutes in order to ensure the quality of education. He also meticulously discussed the establishment purpose, role and benefits of Higher Education Grants Council (HEGC), National Assessment and Accreditation Council (NAAC) under NEP-2020.

Prof. Javed Musarrat, Honorable Vice Chancellor, Integral University, Lucknow, acknowledged the support of the Chief Patron and Patron for the webinar. He also appreciated the efforts of the Task Force on implementation of NEP-2020 in Integral University and Human Resource Development Centre (HRDC) in jointly organizing the webinar on the very important topic of **“NEP-2020: Restructuring Higher Education”**.

Prof. Javed Musarrat expressed his satisfaction in restarting the webinar series, special lectures and other academic activities which seriously suffered due to COVID-19 trauma everybody faced for nearly two months. Now everyone is committed to resume the activities with even greater zeal along with following COVID protocols. He highlighted the purpose of online webinar on NEP-2020, to understand its dimensions and formulate the Universities' road-map for timely implementations of the facets of the policy.

The Vice Chancellor acknowledged the contribution of Honorable Prime Minister of India for implementing three Cardinal Principles of Education i.e. Quality, Access and Equity through NEP-2020 and especially appreciated to add another dimension of 'Affordability' which proves to be revolutionary in Indian scenario.

Prof. Musarrat highlighted the lack of flexibility and linkage between our school & college education and actual industrial & community requirements in the current education system. He believes that NEP-2020 will provide foundation on which Indian education system will grow in such a manner that it not only possess the four essential attributes i.e. Quality, Access, Equity and Affordability but makes India a centre for research and innovation. Prof. Musarrat appreciated the 'Bold Step', a much needed step of the Government of India for its commitment of increasing spending on education & research from 0.7% to 6.0% of the GDP. He was confident that with the help of the National Research Foundation, the whole landscape of 'Research' in India will be transformed. He highlighted the recent and very important step of constitution of 'National Mission for Monitoring' consisting of senior or retired outstanding researchers and educationists to be engaged. He also talked about the 'National Technology Forum' to integrate technology in all levels of education.

The webinar successfully completed with vote of thanks to all by Prof. Monowar A. Khalid, Dean Students' Welfare, Integral University, Lucknow.

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**



**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

**Two-week blended QIP workshop on  
“Spreadsheet Applications in Academics and Administration:  
Intermediate level”  
Organized by HRDC and IQAC, Integral University Lucknow  
25<sup>th</sup> June to 15<sup>th</sup> July, 2021**

Due to greater emphasis on data analysis, computing and online resources in academics and administration; skill enhancement of faculty and staff is required for quality improvement. Human Resource Development Centre and Internal Quality Assurance Cell have taken initiative for skill enhancement of faculty and staff in data analysis using spreadsheet and organized a **Two-weeks blended QIP workshop on “Spreadsheet Applications in Academics and Administration: Intermediate level”** from **25.06.2021 to 15.07.2021**.

The focus of this workshop was to improve the spreadsheet skills so that open-ended investigations, problem-oriented activities, active learning pedagogies, analyzing and representing data can be facilitated. The workshop was conducted in blended mode comprising of five modules. Two-week program was organized with Five Live sessions conducted on YouTube platform in the first phase followed by practice and doubt clearing session [equivalent to one week]. Each module had content-based learning, quizzes and assignments with 80+ hours of active engagement [one-week equivalent].

Topics covered in the workshop are

Module I: Introduction Range: AutoFill, Comments, Hide Columns and Rows, AutoFit, Transpose, Move Columns Basics: Ribbon, Workbook, Worksheets, Format Cells, Find & Select, Data Validation, Keyboard, Shortcuts, Print, Protect.

Live session and Demonstration: <https://www.youtube.com/watch?v=JX2CyX-M5-o&t=460s>

Module II: Formulas and Functions: Arithmetic functions, Paste Options, Statistical Functions, Logical Functions

Live session and Demonstration: <https://www.youtube.com/watch?v=EaOgCWcuNDM>

Module III: Cell References, Date/Time, Lookup/Reference

Live session and Demonstration: <https://www.youtube.com/watch?v=Zu9Fu3qCAM8>

Module IV: Financial, Statistical, Round, Formula Errors, Array Formulas, Sort, Filter, Conditional Formatting Live session and Demonstration: <https://www.youtube.com/watch?v=B69S9b2cl-k>

Module V: Charts, Pivot Tables, Tables, Create a Macro

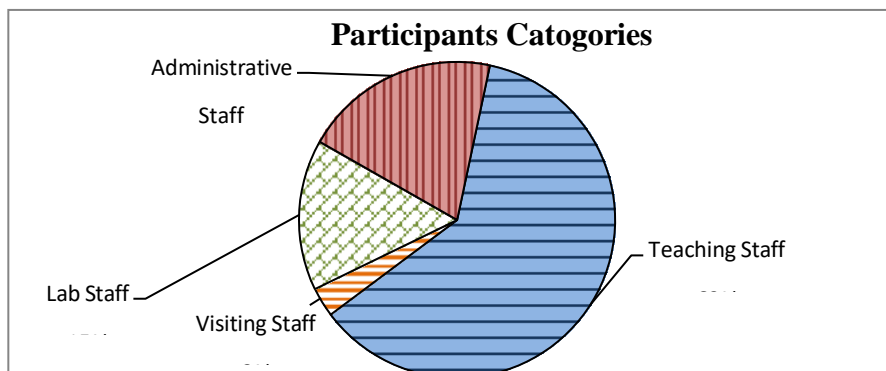
Live session and Demonstration: <https://www.youtube.com/watch?v=EVZYC2k-oOc>

**Assessment & Certification:** Certificates were generated by participants after successful completion of activities of each Module (including quiz and an assignment with minimum 40% score). This list of successful participants and sample of Certificate of completion is annexed.

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### Major Highlights:

- Registered Participant: 363
- Successful Participants: 226
- Teaching, Non-Teaching and Administrative staffs actively participated in the workshop.



### List of Resource Persons

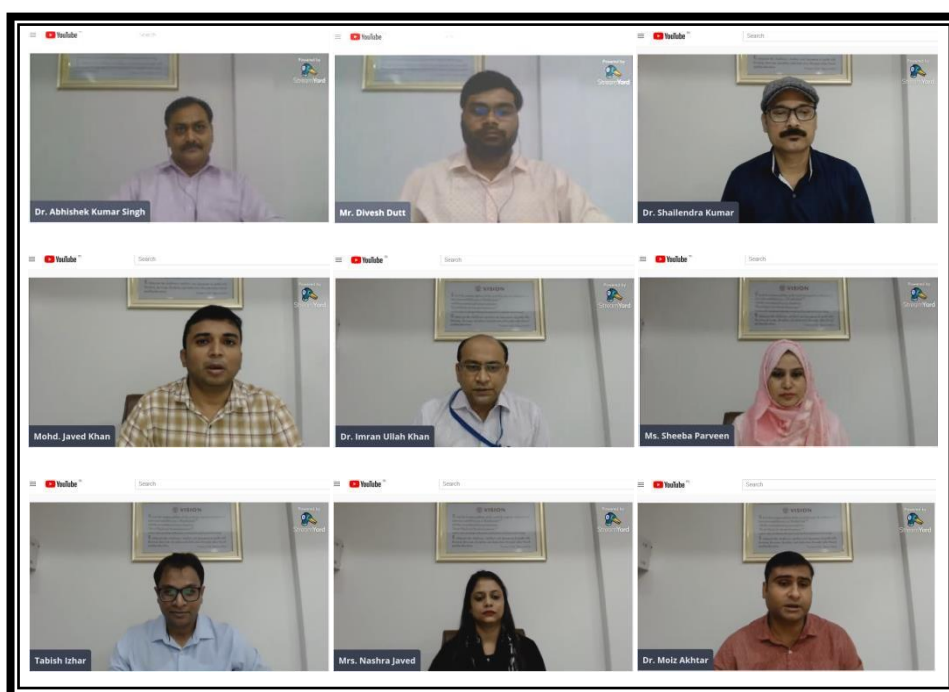
S. No	Resource Persons
1	Dr Shailendra Kumar, ECE, Integral University
2	Dr Abhishek Kumar Singh Law, Integral University
3	Dr Tasneem Ahmad, CA, Integral University
4	Dr Moiz Akhtar, CBM, Integral University
5	Dr Imran Ullah Khan, ECE, Integral University
6	Mr Divesh Dutt, CBM, Integral University
7	Mr Mohd Javed Khan, ECE, Integral University
8	Mr Saif Ahmad, ECE, Integral University
9	Mr Tabish Izhar, CE, Integral University
10	Ms Sheeba Parveen, CSE, Integral University
11	Ms Nashra Javed, CA, Integral University

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### List of Technical Support Persons

S. No	Technical Support Persons
1	Ms Panjwani Divya Raj Kumar, Education, Integral University
2	Mr Naseer Ahmad, ECE, Integral University

### Glimpses of the Workshop



## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

### List of Successful Participants

S.No	Name of Participants	S.No	Name of Participants	S.No	Name of Participants	S.No	Name of Participants	S.No	Name of Participants
1	Abdussalam	49	Qamar Alam	97	Dr Malik Rashid Jamal	145	Ms. Shipra Mishra	193	Eram Fatima Siddiqui
2	Abhishek Sharma	50	Arshad Ali	98	Dr Aisha Kamal	146	Nupur Mittal	194	Farheen Siddiqui
3	Arifa Ishtyaq	51	Nusrat Ali	99	Abdul Waheed Khan	147	Dr Namrata Mittra	195	Mohammad Arif Siddiqui
4	Asfaq	52	Huma Amin	100	Akhlaque Ahmad Khan	148	Mirza Mohd Tabrez	196	Mohd. Ariz Siddiqui
5	Atsamuddin	53	Dr Uzmi Anjum	101	Dr Abdul Tayyab Khan	149	Dr Syed Wahaj Mohsin	197	Mrs. Nazish Siddiqui
6	Habib Uddin	54	Dr Asif Jamil Ansari	102	Dr Abdul Wadood Khan	150	Mohd Mued	198	Ms Seema Siddiqui
7	Islamuddin	55	Mohammad Amir Ansari	103	Dr Abdur Raheem Khan	151	Dr Farina Mujeeb	199	Orooj Siddiqui
8	Kashifa Khatoon	56	Mohd Ateek Ansari	104	Dr Ahamad Faiz Khan	152	Dr Neha Mumtaz	200	Dr Kuldeep Singh
9	Mohammad Rashid	57	Mohd. Arshad Abideen Ansari	105	Dr Ayan Mustafa Khan	153	Mohammad Naseem	201	Uday Veer Singh
10	Mohd Shadab	58	Sheere Farhat Ansari	106	Dr Farhina Sardar Khan	154	Dr Sandeep Kr. Nayak	202	Darsha Srivastava
11	Naushad Ahmad	59	Dr Mohammad Arif	107	Dr Idrees Ahmad Khan	155	Dr Md. Abu Nayyer	203	Dr Deepti Srivastava
12	Nayab Warsi	60	Dr Muhammad Arif	108	Dr Mohammad Aasim Khan	156	Huma Naz	204	Dr Divesh Srivastava
13	Preetika Tripathi	61	Ar Khurram Ashraf	109	Dr Mohd. Waris Khan	157	Dr Ahmad Neyaz Khan	205	Dr Smita Srivastava
14	Sadiya Khan	62	Mohd. Umar Azeem	110	Dr Nurul Azeez Khan	158	Dr Geetika Nidhi	206	Mrs Ankita Srivastava
15	Sami Uz Zaman	63	Dr Aisha Badruddin	111	Dr Owais Khan	159	Anil Kumar Pandey	207	Mohammad Suaib
16	Sana Fatima	64	Dr Shrish Bajpai	112	Dr Rahila Rahman Khan	160	Uma Prasad Pandey	208	Dr Shabia Subuhi
17	Shariq Nafees	65	Rajiv Banerjee	113	Dr Riyazuddeen Khan	161	Saba Parveen	209	Dr Meeta Tandon
18	Syed Taef Bin Saeed	66	Dr Mirza Juned Beg	114	Dr Sadaf Khan	162	Mohammad Aamir Qayyoom	210	Mohd Tanveer
19	Saliha Bano	67	Dr Saima Beg	115	Dr Shadab Ahmad Khan	163	Dr Abdul Quddoos	211	Md. Tasleem
20	Saima Khursheed	68	Dr Piyush Charan	116	Dr Shujauddin Khan	164	Dr Quazzafi Rabbani	212	Anam Tasneem
21	Syed Zishan Abbasi	69	Panjwani Divya Raj Kumar	117	Faizan Arif Khan	165	Er Zeeshan Rafi	213	Mrs Reshu Tiwari
22	Ms Nasma Abidi	70	Dr Amita Dubey	118	Faizan Hafeez Khan	166	Smita Rai	214	Dr Manish Madhava Tripathi
23	Syed Adnan Afaq	71	Abhishek Dwivedi	119	Irfan Ullah Khan	167	Sarthak Singh Rajput	215	Manoj Tripathi
24	Dr Uzma Afaq	72	Renu Dwivedi	120	Javed Khan	168	Rahul Ranjan	216	Mohammad Usama
25	Dr Faiyaz Ahamad	73	Dr Mohammad Faisal	121	Mohammad Amin Khan	169	Dr P. Smriti Rao	217	Dr Kainat Akhtar Usmani
26	Meraj Ahamad	74	Dr Asma Farooque	122	Mohammed Fahad Khan	170	Muddasir Umer Rizvi	218	Dr Rahil Akhtar Usmani
27	Anwar Ahmad	75	Dr Alvina Farooqui	123	Mohd. Kashif Khan	171	Dr Sameena Saba	219	Mohammad Arif Ali Usmani
28	Dr Eklak Ahmad	76	Dr Faria Fatima	124	Mohsina Khan	172	Dr Syed Mohammad Sabih	220	Tushar Verma

### HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

29	Dr Malik Mobeen Ahmad	77	Nida Fatima	125	Nadeem Khan	173	Mohd. Sadat	221	Dr Archana Vimal
30	Dr Mobin Ahmad	78	Nudrat Fatima	126	Riajuddin Khan	174	Ms Halima Sadia	222	Dr Reena Vishvakarma
31	Dr Mohammad Ahmad	79	Zeenat Fatima	127	Saman Khan	175	Dr Syed Hasan Saeed	223	Dr Syed Salman Ahmad Warsi
32	Dr Najmuddin Ahmad	80	Sabuj Ganguly	128	Shariq Masood Khan	176	Dr Rida Sagheer	224	Archana Yadav
33	Dr Naseem Ahmad	81	Dr Pankaj Kumar Gupta	129	Tanjeel Ahmad Khan	177	Abdul Sajid	225	Gausiya Yasmeen
34	Dr Syed Afzal Ahmad	82	Dr Md. Faheem Haider	130	Zishan Raza Khan	178	Md Sajid	226	Faheemuz Zafar
35	Isarar Ahmad	83	Dr Shahida Hamid	131	Abida Khanam	179	Nazia Salauddin		
36	Juned Ahmad	84	Ehsanul Haque	132	Dr Jahanarah Khatoon	180	Somi Sareen		
37	Mahfooz Ahmad	85	Md Shakibul Haque	133	Ms Tahira Khatoon	181	Prabhat Ranjan Sarkar		
38	Mahtab Ahmad	86	Dr Haroon	134	Mohd Yusuf Kidwai	182	Dr Usman Sayeed		
39	Imbesat Ahmad	87	Dr Mohammad Haroon	135	Dr Arun Kumar	183	Dr Mirza Mohd. Shadab		
40	Farooq Ahmad	88	Mubasshara Hasan	136	Sharad Kumar	184	Abid Shakeel		
41	Naseer Ahmad	89	Zohaib Hasan Khan	137	Jitendra Kumar Kushwaha	185	Arshiya Shamim		
42	Qazi Saeed Ahmad	90	Dr Firoz Husain	138	Dr Minaxi B. Lohani	186	Dr Swati Sharma		
43	Sabih Ahmad	91	Dr A M H (PT) Inam	139	Mohammad Majid	187	Poonam Sharma		
44	Shadab Ahmad	92	Malik Shahzad Ahmad Iqbal	140	Neyha Malik	188	Akbar Shaun		
45	Suhail Ahmad	93	Dr Mohammad Ishrat	141	Prof. M.A. Mallick	189	Dr Anuradha Shukla		
46	Mohd Ahmer	94	Ar Tariqul Islam	142	Mohd Isha Mansoori	190	Dr Prachi Shukla		
47	Farogh Ahsan	95	Dr Amina Jafri	143	Dr Syed Shahid Mazhar	191	Dr Arshi Siddiqui		
48	Mohd Akmal Siddiqui	96	Roshan Jahan	144	Dr Ahmad Faiz Minai	192	Dr Mohd. Khursheed Siddiqui		

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

**Sample of Certificate of Completion**



**INTEGRAL  
UNIVERSITY**  
LUCKNOW (INDIA)



**INSPIRING EXCELLENCE**

**CERTIFICATE OF COMPLETION**

This is to certify that **XXXXXXX XXXXX** (Employee ID: XXXXXX)  
Department of xxxxxxxx, Integral University, Lucknow

has successfully completed Two-weeks blended QIP workshop on

**Spreadsheet Applications - Intermediate level**

Conducted by  
Internal Quality Assurance Cell (IQAC) and Human Resource Development Centre (HRDC), Integral University  
from 25-06-2021 to 15-07-2021

[5-days face to face session (One week equivalent); on 25,29 June; 02,07,12 July 2021 and 80+ hours of online active engagement (One week equivalent)]

Issue date: 2 August 2021

  
**Prof. Syed Misbahul Hasan**  
Director, IQAC

  
**Prof. Naim R. Kidwai**  
Convener & Dy. Director, IQAC

  
**Prof. Syed Aqeel Ahmad**  
Director, HRDC

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

**National Webinar to  
Realize the Reading Mission-2022 under NEP-2020  
PAST, PRESENT AND FUTURE OF READING  
5<sup>th</sup> July, 2021**

To realize the dream of transforming the education system and making it truly relevant for the challenges of 21<sup>st</sup> century, National Education Policy (NEP) 2020 was approved by the Govt. of India on 29<sup>th</sup> July 2020.

With the reference of Government's directives and Hon'ble Prime Minister's vision, the Task Force for Implementation of NEP-2020 has been established in Integral University, Lucknow. To realize the '**Reading Mission-2022**' the Task Force in association with Human Resource Development Centre (HRDC), Integral University organized a **National Webinar on "Reading Mission 2022-Past, Present & Future of Reading"** on **05.07.2021** for students & teachers of Integral University and other Universities & Institutes in India to honor the father of 'Library Movement in Kerala', the late **Sri. P.N. Panicker**. Total 414 persons from 23 Universities and Institutes have registered in the webinar.

The event started under patronage of Prof. Syed Waseem Akhtar, Honorable Founder & Chancellor and Dr. Syed Nadeem Akhtar, Pro-Chancellor, Integral University, Lucknow. The event observes the gracious presence of Prof. Javed Musarrat, Hon'ble Vice Chancellor, Integral University, Lucknow as Chairman of the event with Prof. Basheer A. Khan, Former Vice-Chancellor, SKMU, Jharkhand as the speaker.

The webinar started with welcome by Prof. Syed Aqeel Ahmad, Director HRDC, Integral University, Lucknow.

Prof. Basheer A. Khan enlightened the august gathering with great clarity and lifelong experience about importance of reading, its role in overall development of a human being. Prof. Basheer highlights that roots of reading exists since 3500 BC in ancient Sumerian civilization and reading methods evolves so much now a days. Now internet and modern gadgets facilitates the reader by making contents available with just a click on computer. Prof. Basheer also answered several questions of the participants and quenched their thirst for knowledge.

Prof. Javed Musarrat, Hon'ble Vice Chancellor, Integral University, Lucknow showed his concern about reading culture at primary and secondary education by highlighting the importance of inculcating reading habit at school level wherein young minds can effectively molded and future citizen of India having critical thinking ability with sound knowledge may be created. Prof. Musarrat highlighted various government initiatives to support this cause and showed confidence that National Education Policy-2020 will surely help in achieving visualized objectives of Reading Mission-2022.

The webinar successfully completed with vote of thanks to all by Prof. A. K. Saxena, Dean Faculty of Commerce & Management, Integral University, Lucknow. The webinar was very well conducted by Dr. Asma Farooque, Associate Professor, Department of Commerce &

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

Management, Integral University, Lucknow.



**A glimpse of the dignitaries jointed for National Webinar**



## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)



**INTEGRAL  
UNIVERSITY**  
LUCKNOW - INDIA

INSPIRING EXCELLENCE

**NATIONAL WEBINAR** >

ON

# NEP - 2020

## READING MISSION-2022

### PAST, PRESENT & FUTURE OF READING

<p><b>CHIEF-PATRON</b></p> <p><b>Prof. S.W. AKHTAR</b> FOUNDER &amp; CHANCELLOR Integral University, Lucknow</p>	<p><b>PATRON</b></p> <p><b>Dr. SYED NADEEM AKHTAR</b> PRO-CHANCELLOR Integral University, Lucknow</p>
<p><b>SPEAKER</b></p> <div style="text-align: center;">  <p><b>Prof. BASHEER A. KHAN</b> FORMER VICE-CHANCELLOR SKN University, Jharkhand</p> </div>	<p><b>CHAIRMAN</b></p> <div style="text-align: center;">  <p><b>Prof. JAVED MUSARRAT</b> VICE-CHANCELLOR Integral University, Lucknow</p> </div>
<p><b>CONVENERS</b></p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p><b>Dr. SYED AQEEL AHMAD</b> DIRECTOR, HRDC Integral University, Lucknow</p> </div> <div style="text-align: center;">  <p><b>Prof. A.K. SAXENA</b> DEAN Faculty of Commerce &amp; Management Integral University</p> </div> </div>	

 **11:00 am to -12:00 pm (IST)**  
**Monday, July 5<sup>th</sup>, 2021**

**GOOGLE MEET JOINING INFO**

 <https://meet.google.com/xyv-jtzt-ccz> 

Registration Form Link : <https://forms.gle/d2HDY5HujnA5wLA58>

**ORGANIZED BY :**  
Task Force on Implementation of NEP-2020  
& HRDC, Integral University, Lucknow

**AUDIENCE**  
Faculty Members, Students from all Colleges & Universities all over India.

**Creative of the National Webinar to Realize the Reading Mission-2022 under NEP-2020 ‘PAST, PRESENT AND FUTURE OF READING’**

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

**National Seminar on  
“Structural Reforms in Higher Education Proposed in the NEP 2020”  
24<sup>th</sup> August, 2021**

To realize the dream of transforming the education system and making it truly relevant for the challenges of 21st century, National Education Policy (NEP) 2020 was approved by the Govt. of India on 29th July 2020.

In accordance with the Government directives, Task Force for Implementation of NEP-2020 & Human Resource Development Centre (HRDC), Integral University, Lucknow had organized a National Seminar on "Structural Reforms in Higher Education Proposed in the NEP 2020" on Tuesday, August 24, 2021, wherein total 360 participants have registered across the globe.

The event started under the patronage of Prof. Syed Waseem Akhtar, Honorable Founder & Chancellor, and Dr. Syed Nadeem Akhtar, Pro-Chancellor of Integral University, Lucknow. The event observed the gracious presence of a Keynote Speaker Dr. Furqan Qamar, Professor, Centre for Management Studies Jamia Millia Islamia, former Secretary-General, Association of Indian Universities (AIU) former Vice Chancellor of University of Rajasthan and Central University of Himachal Pradesh. Prof. Javed Musarrat, Vice-Chancellor, Integral University, Lucknow emblazed the seminar as the patron of the event.

The Chief Guest of the seminar was Dr. Dinesh Sharma Ji Hon'ble Deputy Chief Minister, Govt. of UP, Special Guest was Prof. G.C. Tripathi Chairman, UP Higher Education Council, Govt. of UP. The guest of honor of the seminar was Mr. Shamim Ahmad Khan, IAS, Secretary, Higher Education Department, Govt. of UP & Mr. Abdul Samad, IAS, Special Secretary, Higher Education, Govt. of UP.

At the outset Prof. Syed Aqeel Ahmad, Director HRDC, Integral University, Lucknow welcomed all the esteemed guests & participants. He emphasized that the NEP-2020 will help in realizing the vision of Integral University.

Dr. Furqan Qamar addressed the august assembly with excellent clarity and in-depth knowledge. On the basis of his par excellence and experience, he emphasised that higher education in India needs to be facilitated by the policy makers in terms of quality and excellence. He said that to improve the higher education system we need to focus on three things that includes seeking funds, increase in faculty count and freedom to execute what universities are made for in terms of imparting quality and excellence in higher education. He also mentioned that in order to formulate the vision of NEP 2020 the universities must need to build a multi-dimension education system to provide meaningful skillset among the learners.

Prof. G.C Tripathi highlighted the importance of a holistic and integrated education system. He conveyed the primary, secondary and higher education systems complement each other in many ways, and hence there is a need to transform the institutional infrastructure and education system in terms of dissipating quality education among all. He mentioned that education does not only reside in minds but also in hearts.



## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)



**INTEGRAL  
UNIVERSITY**  
LUCKNOW - INDIA

INSPIRING EXCELLENCE

**NATIONAL SEMINAR** >

ON

**STRUCTURAL REFORMS IN  
HIGHER EDUCATION PROPOSED  
IN THE NEP - 2020**

CHIEF-PATRON		CHIEF GUEST	
 <b>Prof. S.W. AKHTAR</b> FOUNDER & CHANCELLOR Integral University, Lucknow		 <b>Dr. DINESH SHARMA</b> DEPUTY CHIEF MINISTER OF UTTAR PRADESH	
PATRON			
 <b>Dr. SYED NADEEM AKHTAR</b> PRO-CHANCELLOR Integral University, Lucknow		 <b>Prof. JAVED MUSARRAT</b> VICE-CHANCELLOR Integral University, Lucknow	
KEYNOTE SPEAKER	SPECIAL GUEST	GUEST OF HONOUR	
 <b>Dr. Furqan Qamar</b> Professor Centre for Management Studies Jamia Millia Islamia Former Secretary General, AIU	 <b>Prof. G.C. Tripathi</b> Chairman UP Higher Education Council Government of UP	 <b>Mr. Shamim Ahmad Khan</b> Secretary Higher Education Department Government of UP	
GUEST OF HONOUR	CONVENER	CONVENER	
 <b>Mr Abdul Samad, IAS</b> Special Secretary Higher Education Government of UP	 <b>Prof. Syed Aqeel Ahmad</b> Director, HRDC Integral University, Lucknow	 <b>Prof. AK Saxena</b> Dean Faculty of Commerce & Management Integral University, Lucknow	

 **2:00 pm to -03:30 pm (IST)**  
**Tuesday, August 24<sup>th</sup>, 2021**

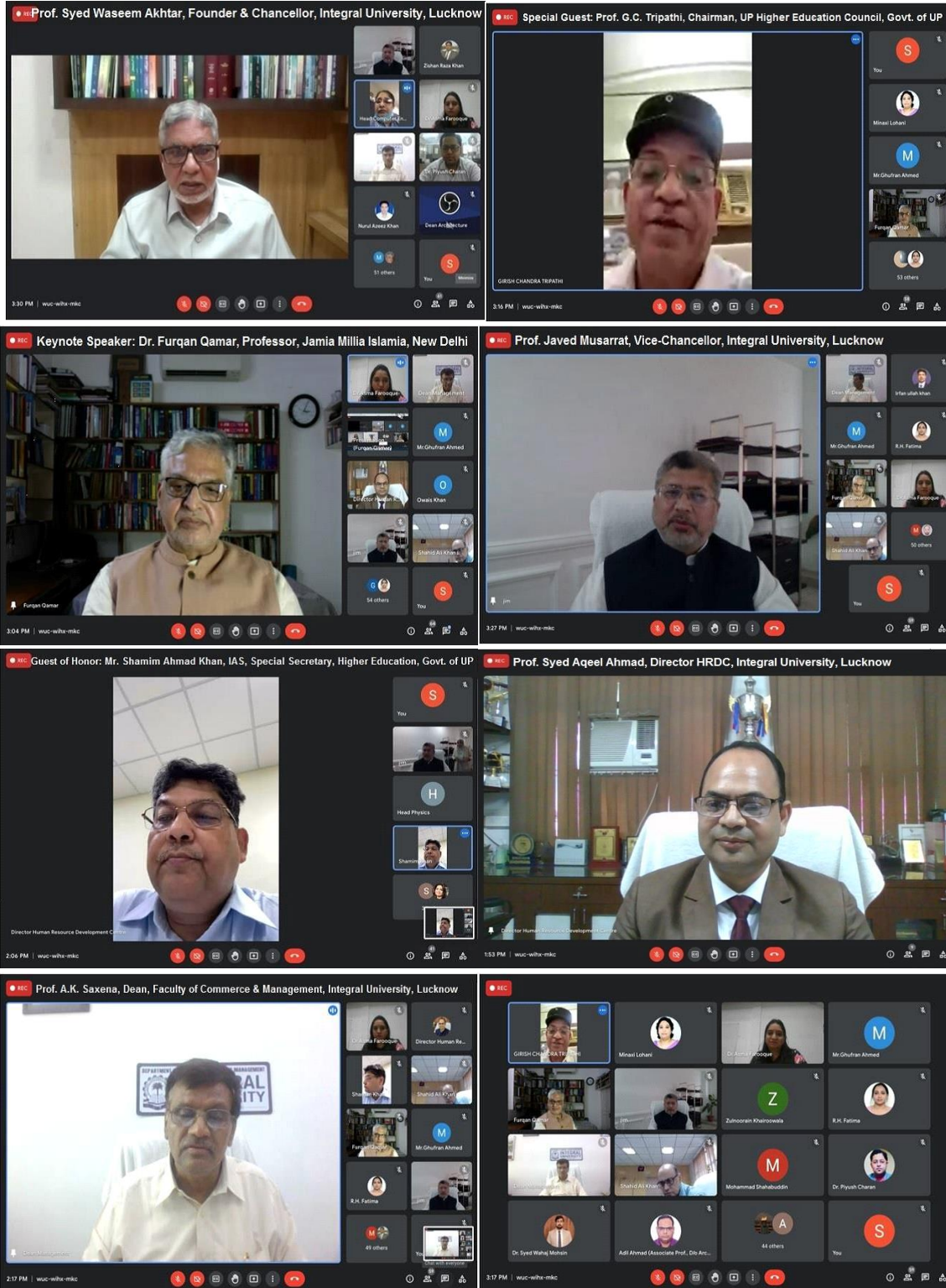
**GOOGLE MEET JOINING INFO**

 <https://meet.google.com/wuc-wlhx-mkc>

Registration Form Link : <https://forms.gle/U9FGHGKFTQ7YBsJz8>

**ORGANIZED BY :**  
**Task Force on Implementation of NEP-2020**  
**& HRDC, Integral University, Lucknow**

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)



**Prof. Syed Waseem Akhtar, Founder & Chancellor, Integral University, Lucknow**

**Special Guest: Prof. G.C. Tripathi, Chairman, UP Higher Education Council, Govt. of UP**

**Keynote Speaker: Dr. Furqan Qamar, Professor, Jamia Millia Islamia, New Delhi**

**Prof. Javed Musarrat, Vice-Chancellor, Integral University, Lucknow**

**Guest of Honor: Mr. Shamim Ahmad Khan, IAS, Special Secretary, Higher Education, Govt. of UP**

**Prof. Syed Aqeel Ahmad, Director HRDC, Integral University, Lucknow**

**Prof. A.K. Saxena, Dean, Faculty of Commerce & Management, Integral University, Lucknow**

**HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)**

**“Cyber Security Awareness Month”  
30th October 2021**

The month of October is globally observed as the **National Cyber Security Awareness Month** to educate the public and private sector to increase cyber security awareness among the general public as recommended by the **National Security Council Secretariat (NSCS)**, Government of India, an initiative to put conscious efforts towards ensuring better cyber security hygiene and incorporating better security measures. In continuation of the initiative of the Government of India, the **Department of Computer Application** under the aegis of **Internal Quality Assurance Cell (IQAC)** and **Human Resource Development Centre (HRDC)**, Integral University, Lucknow has observed the month of October as the National Cyber Security Awareness Month.

A national seminar on "**Cyber Swachhta Abhiyan**" was organized on 30<sup>th</sup> October 2021, in the central auditorium of the university, under the chairmanship of Hon'ble Pro-Vice-Chancellor, **Prof. (Dr.) Aqil Ahmad** showered his blessings to the audience with his words of wisdom and emphasized to main distance from unknown users on different social media platforms.

On this auspicious occasion, **Prof.(Dr.) Syed Aqeel Ahmad**, Director, Human Resource and Development Centre (HRDC), delivered the welcome address and discussed the need for Cyber Security awareness in the current scenario. He also briefed about all the initiatives and events organized for cyber security awareness in the University Campus.

The Chief Guest of the event was one of the renowned IPS officers, **Prof. (Dr.) Triveni Singh, Superintendent of Police, Cyber Crime, Uttar Pradesh**, and **Dr. Pramod Dixit**, Director, Ostrian Infotech LLP, Former Dy. Director, PNBIIT as Technical Expert.

**Prof.(Dr.) Triveni Singh** delivered a comprehensive talk on cyber security by discussing different case studies. He has shared some valuable information with the audience on how one can report cybercrime, for instance, a web portal (<https://cybercrime.gov.in/>) for reporting cybercrimes or contacting on national helpline number **155260** or dial **112**. He has encouraged the students to stay safe while they surf the internet and be cautious about the authenticity of the people they connect with on social media. Prof. Triveni motivated everyone to observe "**Cyber Vrat**" (Cyber Fasting) by staying disconnected from social media for better mental health and social well-being.

**Dr. Pramod Dixit** has taken a technical session on various ATM frauds and educated the audience to take necessary precautions while using ATMs and doing online transactions.

The department has organized an e-Quiz on cyber security awareness "**Cybernetics**" on 26<sup>th</sup> October 2021. In total, **313** students took part and **Mr. Moazzam Ahmad Khan** from **BCA Second Year** was the winner for the same.

Furthermore, the department has also organized the "**Cyber Security Slogan Writing Competition**" on 28-29<sup>th</sup> October 2021 to give students a platform to showcase their cyber wit for cyber security awareness through Slogans, Mottos, Taglines, Catchphrases. The total number

## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)

of participants in this competition was **135** from different courses. **Mr. Tribhuwan Raj** from **MCA Second Year** was the winner with his most unique slogan: *"Click with your eyes instead of the mouse, whenever you are at a Cyber house."*

All the faculty members and students of Integral University were also encouraged to take the Cyber Security pledge as per the directives of the Government of India and received their e-certificates from Information Security Education and Awareness (<https://www.infosecawareness.in/>) portal. In continuation to this, the faculty members and students were invited to participate in the **"Cyber Swachhta Quiz"** and subsequently received an e-Certificate from the department. More than 1000 participants took **Cyber Security Pledge** and more than **500** participants participated in **Cyber Swachhta Quiz**. **Mr. Mohit Kumar** from **MCA Final Year** was the winner of the e-Quiz.

The winners of the different activities organized under the flagship of cyber security awareness month were felicitated with awards by the guests.

The entire series of events was successfully organized by the faculty coordinators, **Dr. Sandeep Kumar Nayak**, **Ms. Nashra Javed**, **Mr. Syed Mohd. Faisal** and **Dr. Mohd Waris Khan**.



**INTEGRAL UNIVERSITY**  
LUCKNOW

**CYBERSECURITY AWARENESS MONTH**

*A Seminar on*  
**Cyber Swachhta Abhiyan**  
*"Do your part #Be Cyber Smart"*

**GUEST SPEAKERS**



**Prof. (Dr.) Triveni Singh (IPS)**  
Superintendent of Police  
Cyber Crime UP Police



**Dr. Pramod Dixit**  
Director Ostrain Infotech LLP  
& Former Dy Director  
PNBIT

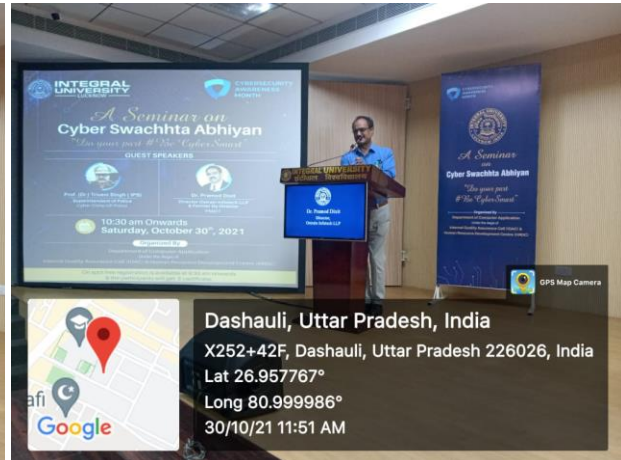
**10:30 am Onwards**  
**Saturday, October 30<sup>th</sup>, 2021**

**Organized By**  
Department of Computer Application  
Under the Aegis of  
Internal Quality Assurance Cell (IQAC) & Human Resource Development Centre (HRDC)

On spot free registration is available at 9:30 am onwards  
& the participants will get E-certificate.



## HUMAN RESOURCE DEVELOPMENT CENTER (HRDC)



# HRDC

Please Contact:

Integral University

Kursi Road, Lucknow-226026 (U.P.) INDIA

[directorhrdc@iul.ac.in](mailto:directorhrdc@iul.ac.in)

Website: <https://iul.ac.in/HRDC/Default.aspx>