# INTEGRAL UNIVERSITY

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# Brief Report : Two-Week Equivalent Blended Faculty Development Programme (FDP)" on "Recent Trends in Communication and Computational Technologies", 12th Sep - 10th Oct 2022.

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### Brief Report on Two-Week Equivalent Blended Faculty Development Programme (FDP)

on

"Recent Trends in Communication and Computational Technologies"

Organized by

**Department of Electronics & Communication Engineering** 

Sep 12 -Oct 10, 2022 Google meet Link for the Program: https://meet.google.com/zqy-qqtj-pxf

Google meet Link for the Program: https://meet.google.com/zqy-qqi-p

### Activities:

face-to-face session (72 hours-9 days) equivalent followed by online active engagement of (16+hours-01-day) equivalent. **Convener-** Dr. Shrish Bajpai & Ms. Archana Yadav, Assistant Professors, Department of Electronics & Communication Engineering, Integral University, Lucknow.

**Co-Convener-** Mr. Mohd. Javed Khan & Mr. Saif Ahmad, Assistant Professors, Department of Electronics & Communication Engineering, Integral University, Lucknow.

#### Preamble:

The Ministry of Education (MoE) has mandated the Teaching Learning Centre (TLC) to organize Faculty Development Programmes (FDPs), Faculty Orientation and Induction Programmes (FIPs), focusing the discipline-specific and interdisciplinary Refresher Courses, conferences, and workshops in both modes offline and online as well. Thus, in view of the above, The Department of Electronics and Communication Engineering, Integral University Lucknow, has organized a Faculty Development Programme in an online mode. The primary goals of this program are (1) enhancing the academic, technological, and intellectual capacities of Faculty members and Research Scholars by providing enough resources and input by the **learned academician & industry experts**, (2) strengthening the professional development of the Faculty members and Professionals who deal directly with students, and (3) providing a platform for learning recent advances in communication and computational technologies with their application in various domains and help them to integrate these ideas into their current courses. This programme also caters to the **United Nations Sustainable Development Goals (SDG) 4 and 9**. This programme will definitely acquaint the participants with the latest developments & trends in the sector at all levels including regional, national and international development.

#### FDP:

The FDP began with the inaugural session on September 12<sup>th</sup>, 2022. Prof. S.H. Saeed, Head of the department, ECE, Integral University, Lucknow, welcomed all the Resource Persons, Faculties, Research scholars & Students. Further, he discussed the need for Education 4.0 under the backdrop of Industry 4.0. He also motivated all the participants to proactively adapt to the new ecosystem and New Normal and make the entire teaching-learning process flexible enough to meet the expectations of students in the digital era.

The last day of the FDP witnessed Valedictory Session. Ms. Archana Yadav, Assistant Professor, Department of ECE, Integral University, Lucknow presented a brief report on all the sessions covered during the FDP and thanked all the Speakers & participants for making this FDP a successful program with positive outcomes.

In the end, a few participants shared their experiences of attending FDP sessions and gave their valuable feedback. The entire FDP was well coordinated, with the help of all faculties of the ECE department.

74 participants were registered for the programme and 68 participants have completed all the activities. All the successful participants were awarded certificates of participation electronically.

There were face-to-face 72 hours-9 days equivalent, interesting and knowledge imparting online sessions covered during Two-Week Equivalent Blended Faculty Development Programme followed by online active engagement of 16+hours-01-day equivalent. Day-Wise sessions have been summarized below:

Week-1	<b>Resource Person</b>	Торіс
Day-1	Dr. Ajay Kumar	He had given his valuable insights on "Multiband antenna for wireless applications".
	Gangwar, IMS	
	Ghaziabad	
Day-2	Dr. Ajay Yadav,	He delivered a talk on "A hybrid of precoding and companding approach for PAPR suppression in OFDM
	C.V. Raman Global	system".

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	University,	
	Bhubaneswar,	
	Odisha	
Day-3	Dr. Anurag	He shared his thoughts on "Recent Advances in PCF for nonlinear and biomedical applications".
	Updhyay, REC	
<b>D</b> (	Azamgarh, U.P.	
Day-4	Mr. Sushant Khare,	He delivered his talk on "Process Mining: A Primer".
	Data Strategy and	
	Analytics	
	Protiviti B. V., Amsterdam	
Day-5	Dr. Vivek Rajpoot,	He shared his views on "Cognitive Radio: The Future of Wireless Communication Technology".
Day-3	Aditya College of	He shaled his views on Cognitive Radio. The Future of wheless Communication feelinology.
	Engineering and	
	Technology, East	
	Godavari District,	
	Andhra Pradesh	
Week-2	7 maina 1 radesir	
Day-1	Dr. Indrasen Singh,	He delivered a talk on "5G Technology for IoT Applications".
Duy I	SR University,	The derivered a dark on 50 reclinicities for 101 reprictations .
	Hanumakonda,	
	Telangana, India	
Day-2	Miss Benazir	She shared her talk on "People Analytics and automation".
Duy 2	Usmani, Tata	one one of and on reopter mary teo and automation .
	Consultancy	
	Services, Lucknow	
Day-3	Miss Sajida	She delivered her insights on "Digital Marketing ".
2490	Siddiqui, Tata	
	Consultancy	
	Services,	
	Bangalore	
Day-4	Mr. Shagil Akhtar,	He shared his thoughts on "Data Management".
5	Data Quality	
	Analyst	
	Thomson Reuters	
	International	
	Services Pvt Ltd,	
	Bangalore	
Day-5	Dr. Prashant	He shared his thoughts on, "Augmented Reality (AR)".
	Upadhyay	
	Chandigarh	
	University, Mohali	
	Punjab, India	
Week-3		
Day-1	Ms.Suchandana	Health monitoring of rail wheel for Indian Railways using FBG Sensors
	Mishra, Assistant	
	Professor, The	
	Oxford College of	
	Engineering,	
-	Bangaluru	
Day-2	Mr. Shanawaz	He delivered his thoughts on "Fog Computing ".
	Sheikh, Institute of	
	Ireland	
Day-3	Mahan 10 1	He delivered his talk on "Database Administration and Automation".
	Mohammad Saad,	
	Software Engineer,	
	Oracle Cerner, Bangalore	
Dev 4	Bangalore Miss Ayushi	She shared has avaretioned on "Ensuring Operational Success of major TV/Eiler Operation on VouT-L-"
Day-4	Miss Ayushi Dwivedi	She shared her experiences on "Ensuring Operational Success of major TV/Film Studios on YouTube".
	Partner Operations	
	Manager, New	
	York, United States	
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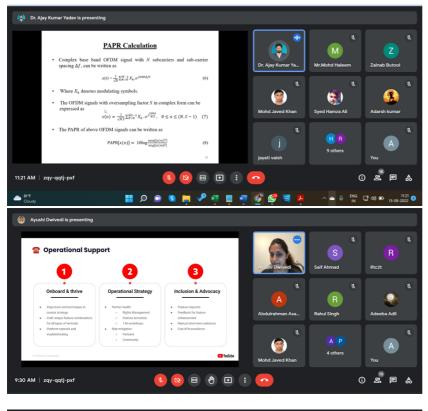
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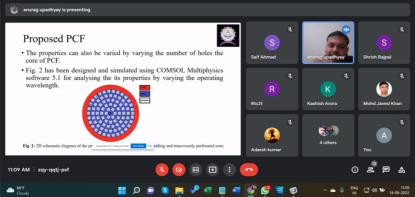
Day-5	Mr. Sushant	He has given his insights on "Cloud Data Analytics".
	Khare, Data	
	Strategy and	
	Analytics, Protiviti	
	B. V., Amsterdam	
Week-4		
Day-1	Dr. Tasneem	He Has shared his thoughts on "Role of Satellite Images in Strategies for Sustainable Urban Development".
	Ahmad	
	Department of	
	Computer	
	Application	
	Integral University,	
	Lucknow	
Day-2	Mr. Prabhat Ranjan	He Has shared his thoughts on "Recent trends in Green Technology towards Sustainable Development".
	Sarkar, Department	
	of Electrical	
	Engineering	
	Integral University,	
	Lucknow	
Day-3	Mr. Sudeep Sharma	He has given his insights on, "Emerging Technologies for Financial Market".
-	HSBC Canada	
Day-4	Dr Man Mohan	He has shared his insights on, "Recent development in III-V heterostructures for high frequency applications"
-	Singh,	
	MIET, Meerut,	
	U.P.	
Day-5	Dr. Yogendra	He delivered his talk on, "Design of Nano Devices & Sensor Applications".
	Upadhyay	
	Chandigarh	
	University, Mohali	
	Punjab, India	
Week-5		
Day1	Ms. Amita	She has given talk on "Reversible Logic quantum Gates".
	Asthana, Assistant	
	Professor, Ajay	
	Kumar Garg	
	Engineering	
	College, Ghaziabad	
	Dr. Ajay Kumar	Biomedical Antennas
Day 2	Gangwar, IMS	
	Ghaziabad	
	Valedictory Session	An event Summary was presented and a vote of thanks!

## **Glimpse of Events:**



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Prof.S.H.Saeed. Head, ECE Integral University, Lucknow

Thanks & Regards Ms.Archana Yadav Assistant Professor, Electronics & Communication Engineering Department, Faculty of Engineering, Integral University, Lucknow. 12/14/22, 12:08 PM IU Mail - Brief Report : Two-Week Equivalent Blended Faculty Development Programme (FDP)" on "Recent Trends in Com...

