

One-week Online Faculty Development Program

on

“Nascent Methodologies, Challenges, and Realms of Research”

Duration: October 03 - 07, 2021

Coordinator – Dr. Poornima Mittal, Associate Professor, Department of ECE, DTU
Co-coordinator- Dr. Gurjit Kaur, Associate Professor, Department of ECE, DTU

**One Week Online
Faculty Development Program**
On
**“Nascent Methodologies,
Challenges and Realms of
Research”**



October 03 – 07, 2020

**Organized by
Department of Electronics and
Communication
Engineering**



Delhi Technological University
Shahabad Daulatpur,
Bawana Road,
New Delhi - 110042

Delhi Technological University, Delhi
Delhi Technological University located in Delhi is a premier institution of Engineering and Technology in India. The university plays a key role in the national and global knowledge network, empowering India with the wings of knowledge and innovation. The university aims to imbibe a culture of methodical research and to develop a scientific temper for the integration of science, engineering and management. DTU has been ranked amongst the top institutions in multiple reputed national and international surveys.

Electronics and Communication Department
The Department of Electronics and Communication Engineering has experienced considerable growth since its inception in 1976. The vision of the department is to focus on the incubation of innovations in the areas of electronic design/fabrication, and communication technologies, which are needed to address the growing challenges of tomorrow. The overall aim is to harbor a sustainable, and continuously evolving scientific, technological and educational environment which is both internationally-adapted and industry-relevant.

Objective of FDP
Research is the root that nurtures the tree of knowledge. When this root is bolstered with precise focus, tools, techniques and methodologies, society basks in prosperity. Be it any domain - engineering, humanities, management, social sciences, industrial research, the underlying process is similar. This process entails conceptualizing, hypothesizing, rigorous laboratory testing/sampling, analyzing, compiling data followed by abstracting, restructuring, documentation and referencing for patent/publication.
The objective of this faculty development program is to familiarize researchers and academicians with the streamlined process for each step in their research/academic journey. This will enable and empower the researcher to achieve their goals in the desired time frame.



Patron
Prof. Yogesh Singh
Hon'ble Vice-Chancellor, DTU, Delhi



Convener
Prof. N. S. Raghava
Head of Department, ECE, DTU



Coordinator
Dr. Poornima Mittal
Associate Professor, ECE, DTU



Co-Coordinator
Dr. Gurjit Kaur
Associate Professor, ECE, DTU

Eminent Speakers -



Prof. Bhim Singh
IIT-Delhi



Prof. J Ramkumar
IIT-Kanpur



Prof. S. Dasgupta
IIT-Roorkee



Dr. S. K. Das Mandal
IIT-Kharagpur



Dr. S. K. Vishwakarma
IIT-Indore



Dr. Saurabh Kumar
IIM-Indore



Dr. Gagandeep Singh
CRC Press, T&E Books



Dr. Rinika Wason
BVICAM, Delhi



Mr. A. H. Fakhri
Startup Mentor, Ministry of C&I

Contents

- Conceptualizing and Technical Writing
- Research Methodology
- Professional Ethics and Plagiarism
- Teaching Pedagogy during COVID-19 Pandemic
- Writing Good Quality Research Papers
- Publishing in Top Tier Journals
- Writing and Submission of Sponsored Research Projects
- Writing and Publishing Technical Books
- IPR & Filing the Patents
- Managing References and Citations

Schedule for FDP

Date	Time	Event
Day - 1 3/10/2020 (Saturday)	10 AM - 11 AM	Inauguration
	11 AM - 1 PM	Session - 1
Day - 2 4/10/2020 (Sunday)	11 AM - 1 PM	Session - 2
	4 PM - 6 PM	Session - 3
Day - 3 5/10/2020 (Monday)	11 AM - 1 PM	Session - 4
	4 PM - 6 PM	Session - 5
Day - 4 6/10/2020 (Tuesday)	11 AM - 1 PM	Session - 6
	4 PM - 6 PM	Session - 7
Day - 5 7/10/2020 (Wednesday)	11 AM - 1 PM	Session - 8
	4 PM - 6 PM	Session - 9
	6 PM - 7 PM	Valedictory Session

This FDP is open to faculty/trainee teachers/scientist/project associates of technical/professional institutions/universities/organizations.

Registration Details:

Detailed online registration form is available on following link -

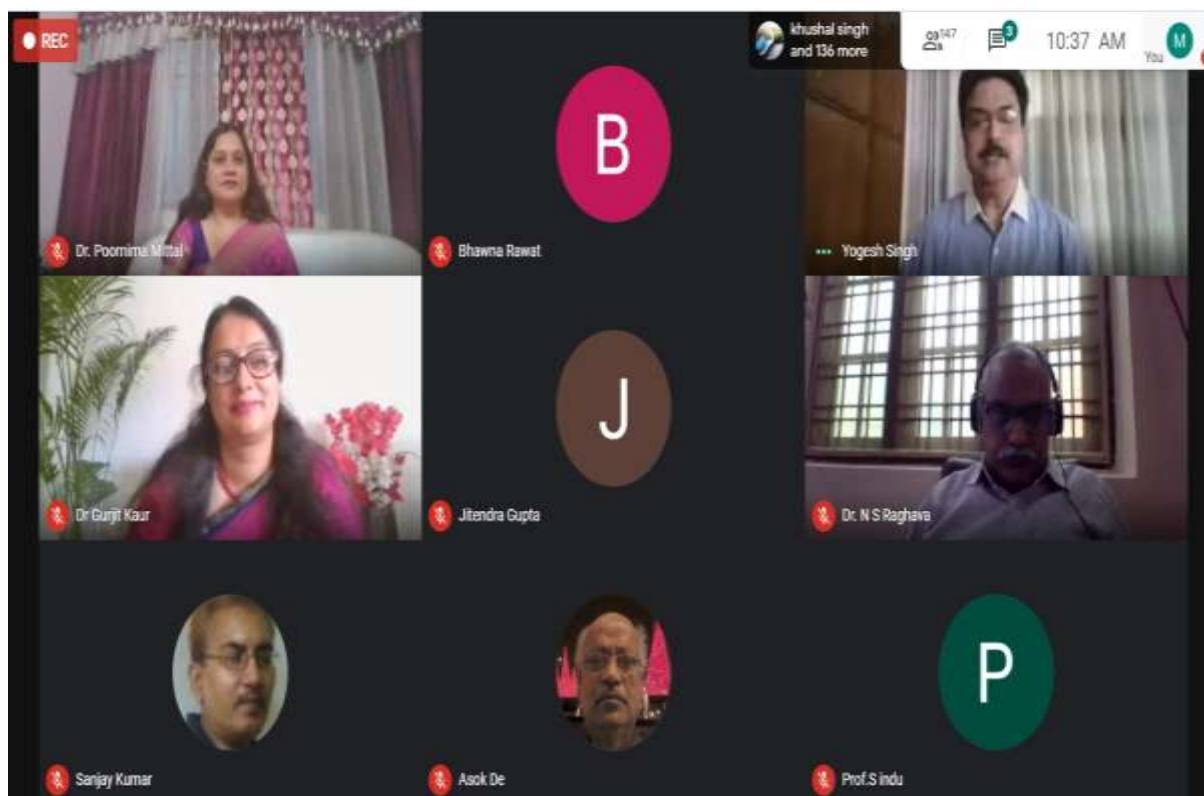
<https://forms.gle/rUSzN3zmfC8yRYt6>

E-certificates will be provided to the participants with attendance greater than 80%.
Last date for registration: Sep 29, 2020.

No registration fees

Contact Persons:

1. Dr. Poojima Mittal
poojimanmittal@dmu.ac.in; 9997972817
2. Dr. Gurjit Kaur
gurjitkaur@dmu.ac.in; 8860360032



REC Dr. Ritika Wason is presenting Mitali Panda and 116 more 11:43 AM You

Smart Technical Writing through Mendeley

Advisor: Dr. Ritika Wason
Associate Professor, BVICAM
ritika.wason@bvicam.in

Click to add meet.google.com is sharing your screen Stop sharing Hide

Participants:

- Brijesh Prasad
- ashish ratuni
- avinash ratre
- Dr. Ritika Wason
- Hitenishu Saluja
- Ashish Kumar
- Gurjan Singh
- Rama Tripura

Chat:

Farhat Parveen
Ok ma'am

REC Dr. Ritika Wason is presenting

THE LANCET Infectious Diseases

COVID-19 and medical education

Published: March 23, 2020

Meeting details

People (13)

Chat

Farhat Parveen 11:43 AM
Ok ma'am

Gorima Singh 11:47 AM
Ma'am how u will add these papers in your created folder

Rajeev mishra 11:49 AM
how one can increase the citation of its own paper

Rajeev mishra 11:53 AM
upon getting request from different researchers for any particular research paper, the paper can be shared or not? Kindly throw some light on this.

on Research Gate

Rajeev Tripathi 11:55 AM
How u Can arrange the references in API Form?

Send a message to everyone

REC S Sudeb Dasgupta is presenting

Meeting details X

People (104) Chat (2)

M Mohit Tyagi (You)

a abhay singh

A Aditi Uniyal

a akanksha srivastava

Akhilesh Verma

A Akshay Mann

A Anil Kumar

Anjum ghd

Ankit Goel

Research Methods Vs Methodology

- ❖ Research methods are the methods that the researcher adopts for conducting the research studies.
- ❖ Research methodology is the way in which research problems are solved systematically.
- ❖ It is the science of studying how research is conducted scientifically.

Handwritten notes:
 Steps: 1. Formulate the problem to solve. 2. Design the study. 3. Collect data. 4. Analyze the data. 5. Interpret the results.
 Add to [Article - of - the - Art]

S Sudeb Dasgupta

D Dr. Poomima Mittal

Dr. Brijesh Kumar

Dr Gurjit Kaur

B Bhawna Rawat is presenting

A Anun Kumar Yad... and 29 more

10:52 AM You

One Week Online Faculty Development Program on Nascent Methodologies, Challenges and Realms of Research October 03 – 07, 2020

Department of Electronics and Communication Engineering Delhi Technological University

WELCOMES

Dr. S. K. Das Mandal Centre for Educational Technology Indian Institute of Technology - Kharagpur

Deepak Kumar

Dr. Poomima Mittal

SAKSHI GUPTA

VIJAYA CHOUDHARY

ashwini kumar

Akshay Mann

ritu dhankas

Nikhil

Chandradeep Bhatt

REC Gagandeep Singh is presenting

Ankit Goel and 87 more

12:14 PM

Sachin Rana has left the meeting

shadab sidiquei, Dr. Brijesh Prasad, Shristi Kharola, Pradeep Tomar, Vinlesh Kumar, anuj sinha, Rashmi kataria, Gagandeep Singh

Meeting details ^

Turn on captions

Gagandeep Singh is presenting

REC

Meeting details X

People (90) Chat (19)

Mohit Tyagi (You), akanisha srivastava, Akshay Mann, Anjali Balyan, Ankit Goel, Anupama, Ashish Kumar, ashish raturi, ashwini kumar

ashish raturi, Santosh Kumar Vishwakama, Naveen kumar Malik, Dr. Vinay Bhushan Chauhan, Jitendra Gupta, Hitanshu Saluja, Sanjay Kumar, Dr. Poojima Mittal, Dinesh Verma, Dr. Brijesh Kumar

Very nice session sir

REC



Dr. Poojima Mittal



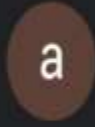
Hitanshu Saluja



Gagandeep Singh



shodab sidiqui



akanksha srivastava



Shweta r



ashish raturi



Satish Chandra



Dr Gurjit Kaur

Meeting details

X

People (90)

Chat



Fahat Farwan



Gagandeep Singh



Garima Singh



Geetanjali chem



Gunjan Singh



Hitanshu Saluja



Isha Gupta



Kapil Kumar



Khushal Singh