

**Faculty Development Program  
on  
Frontiers of Electronics and  
Photonics Technologies for Next  
Generation Industrial Applications**

**(20<sup>th</sup>-22<sup>nd</sup> & 24<sup>th</sup>- 25<sup>th</sup> May 2024)  
(In Hybrid Mode)**

**ABOUT THE INSTITUTE**

Indian Institute of Information Technology Bhopal (IIIT Bhopal), was established by the Ministry of Education (MoE), Government of India (GoI) on Not-for-profit Public Private Partnership (N-PPP) ground. It is an Institute of National Importance (INI) founded under the Indian Institute of Information Technology University Act 2017. It is a joint venture of the MoE, Government of India, Government of Madhya Pradesh, and Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV) Bhopal (M.P) with contribution in the ratio 50:35:15, respectively. The institute was established with an objective to cultivate the advance knowledge in information technology, and to furnish the IT sector and other related sectors with global standard manpower. The institute is committed to prosecute excellence in higher education, research and development in Information Technology (IT), and associated curriculum. IIIT Bhopal offers B.Tech in Computer Science & Engineering (CSE), Information Technology (IT), and Electronics and Communication Engineering (ECE). The students are admitted in degree programs only after the clearance of JEE (Main). The institute's admission process is regulated by Central Seat Allocation Board (CSAB), Government of India and Joint Seat Allocation Authority (JoSAA).

Currently, IIIT Bhopal is operating temporarily from the campus of Maulana Azad National Institute of Technology, Bhopal. However, approximately 60 Acres of land has been identified at Bhopal for setting up institute's permanent campus. The Governing Council includes eminent people from academia, industry, and government officiating over the governance of institute. For details visit [www.iiitbhopal.ac.in](http://www.iiitbhopal.ac.in).

**ABOUT BHOPAL**

Bhopal is the capital of Madhya Pradesh and it is also known as city of lakes. It is well connected by air, rail and roads. The institute is about 9 km from Bhopal railway station and 7 km from Rani Kamlapati railway station and 16 km from Raja Bhoj airport. Weather in Bhopal is normally pleasant in the month of May and temperature varies from 30<sup>o</sup>-38<sup>o</sup>C.

**OBJECTIVE OF THE PROGRAM**

The objective of this program is to give exposure, create awareness and competence about recent trends in **Electronics and Photonics Technologies for Next Generation Industrial Applications while celebrating International Day of Light (IDL 2024).**

**TOPICS**

*Topics of interest to the FDP include, but are not limited to the following:*

- Optical Communications
- 5G/6G Communications
- Free Space Optics
- Nonlinear Optics
- Optical Materials
- Quantum Communications
- Visible Light Communications
- Terahertz Optics
- Neuromorphic Computing
- Optoelectronics
- Optical Fiber
- Photonic Crystals
- Photonic Sensors
- Photonic/Hybrid Devices
- AI/ML in Photonics
- Applications of Photonics in Industry

**INDIAN INSTITUTE OF INFORMATION  
TECHNOLOGY BHOPAL-462003**

**Registration Form**

**For  
Self-financed  
Faculty Development Program  
on**

**Frontiers of Electronics and Photonics  
Technologies for Next Generation  
Industrial Applications**

**(20<sup>th</sup>-22<sup>nd</sup> & 24<sup>th</sup>- 25<sup>th</sup> May 2024)  
(In Hybrid Mode)**

Name of the Applicant .....

Gender: .....

Designation: .....

Institute/college.....

City/town.....

Email.....

Whatsapp Number.....

**Registration Category (Tick One)**

Student (Ph.D./PG/UG) ₹ 100/-

Academician ₹ 500/-

Professional ₹ 1000/-

Details of registration Fees with date (electronic transfer/Demand Draft/UTR No./Ref. No.:

**Note-** Registration Fees can be deposited in IIIT Bhopal account electronically using SBI Collect.

The fee can be paid by accessing the **SBI Collect website:** <https://www.onlinesbi.sbi/sbicollect/> following these steps:

State of Corporate/Institution: **Madhya Pradesh**; Type of Corporate/Institution: **Educational Institutions**; Educational Institution name: **IIIT Bhopal**; choose: **other fee**; write "**fee for FDP Registration**".

**Signature of the Applicant**

Registration can also be done using the following Link:

<https://forms.gle/xDEvGGf6hACzBQZT6>

OR by using the QR code:



## Knowledge Partners



## Faculty Development Program on Frontiers of Electronics and Photonics Technologies for Next Generation Industrial Applications

(20<sup>th</sup>-22<sup>nd</sup> & 24<sup>th</sup>- 25<sup>th</sup> May 2024)

Patron

Prof. Ashutosh Kumar Singh  
Director, IIIT Bhopal

Coordinators

Dr. Gaurav Kumar Bharti  
Assistant Professor,  
Electronics and Communication  
Engineering Department, IIIT Bhopal

Dr. Afreen Khursheed  
Assistant Professor,  
Electronics and Communication  
Engineering Department, IIIT Bhopal

Co-coordinators

Dr. Prince Kumar Singh  
Assistant Professor,  
Electronics and Communication  
Engineering Department, IIIT Bhopal  
Mob.- +91 6306290936  
Email- [princeims36@gmail.com](mailto:princeims36@gmail.com)

Dr. Rekha Kaushik,  
Assistant Professor,  
Information Technology Department,  
IIIT Bhopal,  
Mob.- +91 9977162561

### IMPORTANT DATES

Last Date of Registration and fee payment:  
14<sup>th</sup> May 2024

Intimation of Selection via mail:  
15<sup>th</sup> May 2024

For Details,- [www.iiitbhopal.ac.in](http://www.iiitbhopal.ac.in)

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Organized by

Department of  
Electronics and Communication  
Engineering  
&  
IEEE IIIT Bhopal Student Branch  
Indian Institute of Information  
Technology Bhopal M.P. India