



AICTE TRAINING & LEARNING (ATAL) ACADEMY

FACULTY DEVELOPMENT PROGRAMME (FDP)

on

SEMICONDUCTOR EXCELLENCE: UNVEILING DESIGN AND DEVELOPMENT (SEDD)

04 - 09 DECEMBER 2023

Aim & Objective

The ATAL-FDP on Semiconductor Excellence: Unveiling Design and Development (SEDD) is a strategic initiative to elevate faculty expertise in semiconductor technology. It focuses on practical skills, collaborative learning, and industry integration. The program aims to enhance participants' knowledge, foster collaboration, enrich curricula, promote research, and encourage innovative teaching methods. Certification validates achievements, making the ATAL-FDP a dynamic platform empowering faculty as agents of change in semiconductor education and research.

B K BIRLA INSTITUTE OF ENGINEERING & TECHNOLOGY PILANI



ORGANIZED BY

DEPARTMENT OF ELECTRICAL ENGINEERING
B K BIRLA INSTITUTE OF ENGINEERING & TECHNOLOGY
PILANI-333031, RAJASTHAN, INDIA

About BKBIET

B K Birla Institute of Engineering & Technology, Pilani is an institute of international repute, was founded by Shree Krishnapan Charity Trust as its technical wing under the Chairmanship of Late Syt. Basant Kumar Birla in the year 2007. The institute is approved by AICTE & is affiliated with Bikaner Technical University, Bikaner for master's degree programs in Computer Science Engineering and VLSI Design and Technology and undergraduate programmes in Computer Science Engineering (NBA Accredited), Information Technology, Electronics & Communication Engineering, VLSI Design and Technology, Electrical Engineering, Mechanical Engineering, Computer Science Engineering (Data Science) and Artificial Intelligence. The institute has dedicated faculties, modern infrastructure, state of art laboratories & workshops, libraries with a rich collection of books, journals, a training & research centre, and good medical facilities. The institute has facilities of well-furnished boys and girls hostels, gym playgrounds, and courts for different Sports. The institute is sprawled over 18 acres of land located in the vicinity of campuses Birla Technical Training Institute, Central Electronics Engineering Research Institute, and Birla Institute of Technology and Science, Pilani. BKBIET, Pilani provides the highest quality technical education and first-rate environment to engineering students from all over India to pursue their academic, intellectual, moral, and cultural skills.

About EE Department

To emerge as a front-runner for catering latest needs of power sector, electrical industries, public service and to improve the quality of life with high human values. Imparting quality education and skills by establishing the state-of-the-art research facilities to students that further contributes to the socio - economic growth and eventually contributing to sustainable development of the society. Electrical Engineering course provides students with an understanding in the area of Semiconductor Devices, Electronics Circuits, VLSI Design, Electrical Power Generation, Transmission and Distribution, Power System Analysis, Machine Design, Power Electronics, Control System, Renewable Energy Technologies, Smart Grid, Microgrid, Energy Storage, Fuzzy Logic, Neural Network, Artificial Intelligence and various simulation tools.

Chief Patron(s)

Dr. Prasanna Kumar S. M., Director, BKBIET, Pilani
Mr. K. K. Pareek, G.M. Commercial, BKBIET, Pilani

Patron

Dr. Anil Kumar Sharma, Principal, BKBIET, Pilani

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Coordinator Details

Mr. Rajesh Singh Shekhawat

Co-Coordinator Details

Mr. Anuj Sharma

Student Coordinators

Sachin
Nitin Jangir
Ravi Raaj Saini
Karan Choudhary

FDP Schedule

Targeted Participants

Associate Professor
Assistant Professors
Ph.D. Scholar's
PG Students
UG Students.

How to Reach Pilani, Rajasthan

Pilani is about 200 km west of Delhi and about 220 km north of Jaipur. Direct buses to Pilani are frequently available from Delhi (ISBT Kashmiri Gate) and Jaipur (RSRTC bus stop, Sindhi Camp). Trains are available from Sarai Rohilla (Delhi) railway station to Loharu (25km from Pilani).

Contact Details

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DAY 1 04/12/23

INAUGURATION

9:00 AM - 9:30 AM

SESSION 1

Dr. SK. Masiul Islam
9:30 AM - 12:00 PM

ARTICLE DISCUSSION

12:00 PM - 1:00 PM

LUNCH

1:00 PM - 2:00 PM

SESSION 2

Dr. Sumitra Singh
2:00 PM - 4:30 PM

TEACHING PRACTICE

4:30 PM - 5:30 PM

DAY 2 05/12/23

SESSION 3

Dr. Arnab Hazra
9:30 AM - 12:00 PM

ARTICLE DISCUSSION

9:30 AM - 12:00 PM

LUNCH

1:00 PM - 2:00 PM

SESSION 4

Dr. Suchandan Pal
2:00 PM - 4:30 PM

TEACHING PRACTICE

4:30 PM - 5:30 PM

DAY 3 06/12/23

SESSION 5

Dr. Upendra Mohan Bhatt
9:30 AM - 12:00 PM

ARTICLE DISCUSSION

12:00 PM - 1:00 PM

LUNCH

1:00 PM - 2:00 PM

SESSION 6

Dr. Jitendra Singh
2:00 PM - 4:30 PM

TEACHING PRACTICE

4:30 PM - 5:30 PM

DAY 4 07/12/23

SESSION 7

Dr. Navneet Gupta
9:30 AM - 12:00 PM

ARTICLE DISCUSSION

9:30 AM - 12:00 PM

LUNCH

1:00 PM - 2:00 PM

CSIR-CEERI, PILANI VISIT

2:00 PM - 5:30 PM

DAY 5 08/12/23

SESSION 8

Dr. Neha Khurana
9:30 AM - 12:00 PM

MCQs & INTERACTIONS

12:00 PM - 1:00 PM

LUNCH

1:00 PM - 2:00 PM

SESSION 9

Dr. Satyendra Kumar Mourya
2:00 PM - 4:30 PM

TEACHING PRACTICE

4:30 PM - 5:30 PM

DAY 6 09/12/23

ADITYA BIRLA MUSEUM VISIT

9:00 AM - 12:00 PM

LUNCH

12:00 PM - 12:30 PM

SESSION 10

Dr. Mahesh Kumar
12:30 PM - 3:00 PM

FEEDBACK & INTERACTION

3:00 PM - 4:00 PM

VALEDICTORY SESSION

4:00 PM - 5:00 PM