

**Sambalpur University
Institute of Information Technology**

**Two Weeks Faculty
Development Programme**

On

**Application of Artificial Intelligence
in Computer Science, Electronics and
Electrical Engineering**

FEB 24- MAR 07, 2025: Hybrid Mode



**Organized by
Sambalpur University
Institute of Information Technology, Burla
Sambalpur, Odisha-768019, India
www.suiit.ac.in**



About the Workshop

Artificial Intelligence (AI) is transforming the landscape of Electrical, Electronics, and Computer Science. This Faculty Development Programme (FDP) is designed to empower participants with cutting-edge AI tools and techniques, fostering innovation in teaching, research, and applications. Through this FDP, faculty members will:

- Gain insights into AI methodologies and their applications.
- Explore hands-on projects in Electrical, Electronics, and Computer Science.
- Learn from industry and academic experts.

Highlights of the Programme

- Basics of AI in Electrical Engineering.
- AI in Control System.
- AI in Signal Processing.
- AI in Communication Systems.
- Deep Learning Basics.
- Machine Learning in Embedded Systems.
- AI in Robotics.
- AI for Big Data Analysis.
- AI in Bio-Medical Engineering.
- AI in IoT Applications.
- AI in Automation and Manufacturing.
- Ethical and Societal Impacts of AI.

Target Audience

PG/Ph.D. students and faculty members of colleges and universities are eligible for the program.

Registration fee:

**Faculty/Academicians: INR 500/-
P.G and Ph.D.Scholars: INR 300/-**

Account Details:

**RESEARCH DEVELOPMENT PROJECT,
DEPT OF ELECTRONICS
ACCOUNT NO.-41745203033
SBI Jyoti Vihar, Burla, Odisha, India
IFSC CODE-SBIN0006672**

Registration:

<https://forms.gle/aJdLjZRncHEJJaRA>



Last Date: 15-02-2025

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Seminar Hall, SUIIT

About the Institute

Sambalpur University Institute of Information Technology (SUIIT) was established in the year 2010 as a Constituent Autonomous Institute of Sambalpur University with approval of Department of Higher Education, Govt. of Odisha in the line of IIITs to impart quality training and to have quality research programme relating to Information Technology and allied subjects. SUIIT provides training at the level of Undergraduates and Post-Graduates courses in technical subjects holistically and the curriculum includes training in Humanities, Management Sciences and Basic Sciences in addition to the relevant core Technical subjects.

Sambalpur University is one of the oldest Universities of the State of Odisha and is catering to the higher educational need of people of Western Odisha since 1967. The University has established itself as a leading educational institute with global footprints with NAAC grade 'A' and has been the center of attraction for students and scholars from other states as well. Sambalpur University has been at the forefront of nurturing technical education in the state of Odisha through R.E.C. Rourkela (presently NIT, RKL) and U.C.E, Burla (presently VSSUT, Burla) with many distinguished alumni both in India and abroad. SUIIT is located just four kilometers from the renowned Hirakud Dam, amidst the picturesque natural surroundings of rivers, lakes, and mountains. SUIIT is approximately twelve kilometers from Sambalpur Railway Station and around fifteen kilometers from the Ainthapali Bus Stand in Sambalpur. You may kindly visit <https://suiit.ac.in/>, to know more about the Institute.



Key Speakers

Academicians from premier institutions like IITs, NITs, State/Central Universities, and scientists from ISRO and DRDO having expertise and experience in relevant domain.

1. Dr. Devendra Chack, IIT Dhanbad
2. Dr. Yogendra Kumar Prajapati, MNNIT Prayagraj
3. Dr. Damodar Reddy Edla, NIT Goa
4. Dr. Kailash Chandra Ray, IIT Patna
5. Dr. Arun Ray, Scientist-F, DRDO
6. Dr. Hemalata Jena, IIT Roorkee
7. Dr. Swapnajit Pattnaik, NIT Raipur
8. Dr. Vinay Pratap Singh, MNIT Jaipur
9. Dr. Badri Narayan Subudhi, IIT Jammu
10. Dr. Sangram Ray, NIT Sikkim
11. Dr. Mou DasGupta, NIT Raipur
12. Prof. Kavita Thakur, Pt. Ravi Shankar Shukla University, Raipur

CHIEF PATRON

PROF. BIDHU BHUSAN MISHRA

Vice Chancellor

Sambalpur University, Burla

PATRONS

PROF. (Dr.) TUSHAR KANTI DAS

Chairman, PG Council,

Sambalpur University, Burla

Dr. NRUPARAJ SAHU

Registrar, Sambalpur University, Burla

DIRECTOR

Dr. SUDARSON JENA

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