



**AICTE TRAINING AND LEARNING
(ATAL) ACADEMY SPONSORED 6 DAY**

FACULTY DEVELOPMENT PROGRAM

ON

**“ADVANCEMENTS IN AI:
TRENDS, TOOLS &
TECHNIQUES”**

5TH AUGUST TO 10TH AUGUST 2024

MODE: OFFLINE



**ORGANIZED BY:
DEPARTMENT OF COMPUTER ENGG.
GOVERNMENT POLYTECHNIC HAMIRPUR
HIMACHAL PRADESH**

**ABOUT GOVT. POLYTECHNIC
HAMIRPUR**

Govt. Polytechnic - Hamirpur was established way back in the year 1963, with three branches namely Civil, Electrical and Mechanical Engineering to give the much needed impetus to the holistic development of Technical Education. This institute marched ahead in the path of progress to incorporate the branches of Computer Engineering and Information Technology in the years 2000 and 2001 respectively. This institute has not only achieved excellence in the field of Technical Education but has also played a pivotal role in the development of the community.

**ABOUT COMPUTER ENGG.
DEPARTMENT**

The department of Computer Engineering was set up in 2000 with the aim of imparting quality computer education to students and bring out the best in them. The key goal of the department is to provide best IT infrastructure, world class learning and adopt industry practices through industry institute interaction and inculcate moral and ethical values. The department was established to meet the demand for well-qualified computer professionals by providing a conducive environment for imparting high quality technical education and skill development. The eagerness of the students to learn makes it easier for the industry- trained experienced faculty to produce top-notch engineers who are being recruited by reputed companies all over the world.

**ABOUT FACULTY
DEVELOPMENT PROGRAM**

"Advancements in AI: Trends, Tools & Techniques" is a program focusing on the latest developments in artificial intelligence (AI). It aims to explore emerging trends, innovative tools, and cutting-edge techniques within the field of AI. The program likely covers a wide range of topics, including but not limited to machine learning, deep learning, natural language processing, computer vision, robotics, and AI ethics. Participants in such a program may expect to gain insights into the current state of AI research and applications, as well as practical knowledge on how to leverage AI technologies effectively in various domains. The program may include lectures, workshops, hands-on exercises, and discussions led by experts in the field.

LEARNING OUTCOMES

The learning outcomes of the workshop "Advancements in AI: Trends, Tools & Techniques" could include:

1. Understanding of current A.I Trends

2. Techniques for Practical AI Implementation.
3. Insights into Emerging Technologies.
4. Ethical Considerations in AI.
5. Networking and Collaboration Opportunities.
6. Critical Thinking and Problem-Solving Skills.

TOPICS

- Introduction to AI and Its Evolution.
- Current Trends in AI Research.
- AI Tools and Platforms
- AI and Data Science
- AI enabled Smart Grid
- AI in Education.
- AI for Business and Industry.
- Ethical Considerations and AI.
- Future Directions and Opportunities in AI

CHEIF PATRON

Sh. Akshey Sood (HPAS),
Director Technical Education

PATRON

Er. Chander Shekhar,
Principal Govt. Polytechnic Hamirpur

ORGANIZING COMMITTEE

Sh. Sameer Bharti, GP Hamirpur
Er. Sunil Kumar, GP Hamirpur
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Er. Indu Bala, GP Hamirpur
Er. Mukesh Bharadwaj, GP Hamirpur
Smt. Nisha Kumari, GP Hamirpur
Er. Ekta Sharma, GP Hamirpur

RESOURCE PERSONS

Eminent academicians affiliated to IITs, IIITs, NITs, other renowned institutes and Industry experts will deliver the sessions with practical demonstrations.

WHO CAN ATTEND

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/ Technicians/ Participants from Industry etc.)

For any query, contact
Dr. Amit Nayyar (Coordinator)-9882188791
Er. Ritesh Avasthi (Co-Coordinator)-8894191910

REGISTRATION

1. There is no registration fee for faculty/ research scholars/ PG scholars from academic institutes. The number of participants is limited to 30 and the selection is based on first come - first served basis.
2. The Snacks and Working lunch will be provided during the course.
3. The participants need to manage accommodation by their own cost during the course. However, assistance in finding out accommodation in nearby guest house/hotels will be provided if necessary.
4. Registration is mandatory and need to be done at AICTE website <https://atalacademy.aicte-india.org/signup>
5. NOC need to be uploaded during registration process. Format of NOC is available at www.gph.edu.in
6. Instructions are available at AICTE website for the participants. Please read the instructions carefully for successful completion of the program.
7. The Last date to apply is 1st August 2024.
8. The confirmation mail will be sent to participants by 3rd August 2024.