

ELIGIBILITY

Faculty members from AICTE/UGC-approved institutes are eligible to participate. The number of participants is limited to 50. There is no course fee. Selection of the participants will be based on a first come first serve basis.

REGISTRATION

Registration has to be done only through <https://atalacademy.aicte-india.org/>
For more information, kindly visit <https://atalacademy.aicte-india.org/FAQs>

MODE OF DELIVERY

The FDP will be conducted in the offline mode. It is mandatory to attend the test that will be conducted on the last day of the FDP related to the topics covered. It is also mandatory for the participants to have a minimum of 80% attendance and 60% marks in the test to earn the certificate.

CONTACT

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SPEAKERS

1. Dr. Ramchandra Mangrulkar, Associate Professor, SVKM's DJSCE, Mumbai.
2. Dr.Prakshit N Mahalle, Associate Professor, VIIT, Pune
3. Dr.Pallavi Vijay Chavan, RAIT , Pune
4. Dr. Suresh S Asole, Associate Professor, BNCOE, Pusad
5. Dr. Sohel A Bhura Vice Principal, Julelal College of Engineering Nagpur .
6. Mr. Yadnesh Zagade, CEO and R&D Engineer, TECH Cryptors, Mumbai.

OBJECTIVES OF FDP

The aim of this program is to convene professionals, scholars, and industry experts to exchange ideas and advancements in cutting-edge research and practical implementation of recent technologies in Blockchain Technology, focusing on India's growth in technological aspects. The goal is to delve into the basics and applications, related technologies, and their impacts to position India as a superpower in the Blockchain domain. Another objective is to enhance faculty members' capabilities to foster security applications by introducing related courses for undergraduate (UG) programs, undertaking research in the blockchain domain and allied areas. This technology helps researchers to design secured applications by considering decentralize approach.

OUTCOME

1. The FDP aims to facilitate a deeper understanding of Blockchain basics, applications, and related technologies.
2. The FDP aims to empower participants with insights and strategies to contribute to India's emergence as a superpower.
3. The FDP will foster the growth of Blockchain education in India, to prepare learners capable of navigating the cryptocurrency landscape.
4. The FDP will contribute to the expansion of knowledge and the development of practical solutions through article discussion and reflexive journal methodology.
5. The FDP will encourage interdisciplinary collaboration among participants to drive innovation and research in blockchain computing

MAJOR CONTENTS

- Fundamentals of Blockchain Security
- Blockchain Programming for Next Generation Computing
- Security principles in Blockchain Programming
- Applications of Blockchain in AI and Vice-Versa
- Consensus Mechanism and Byzantine Fault Tolerance in Blockchain
- Applications of Blockchain in Next Generations Computing focusing Indian Scenarios



Government Polytechnic Murtijapur



**AICTE Training and Learning (ATAL) Academy
One-Week
Faculty Development Programme**

on

**BLOCKCHAIN TECHNOLOGY
FOR NEXT-GENERATION
COMPUTING**

16th December – 21st December
2024

Convener

Shri. D.S.Dhole
Principal

Coordinators

Dr. Pravin Ramdas Satav
Lecturer, in Department of Comp. Engg.

Dr. Charulata Parshurampant Ahir
Lecturer, in Department of Comp. Engg.

Organized by

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ABOUT Government Polytechnic Murtijapur

Government Polytechnic, Murtizapur Established in 2009 has its vision for social transformation and, upliftment of rural masses through quality technical education. Situated on NH-6, Government Polytechnic, Murtizapur is spread over an area of 20.8 acres. As the institute is located in remote rural area, the rural students are the main beneficiaries. Out of 05 departments Computer Engineering, Mechanical Engineering and Electrical Engineering courses are NBA Accredited. Department of Information Technology submitted SAR for NBA and Expert's visit is going to schedule in the month of September 2024.

ABOUT Computer Engineering

The Department of Computer Engineering Established in the year 2009 supported by well-equipped laboratories. The total intake is of 60 students. The department is fully equipped with latest computing facilities. There is also timely introduction of direct second year in Computer Engineering since 2010 with the intake of 12. Department promotes open source software development and its students have been closely involved with such development projects. The students of this department have brought several laurels to this institute by actively participating and winning several technical competitions of state stature.

This program is accredited by the National Board of Accreditation (NBA) From A.Y. 2019-20 to A.Y. 2021-2022 (i.e., till 30th June 2022) and further it is extended to A.Y. 2024-2025 (i.e., till 30th June 2025).

CHIEF PATRON

Hon. Dr. Vinod M. Mohitkar
Director, Directorate of Technical Education,
Mumbai
Dr. Vijay R. Mankar
Joint Director, DTE, Regional Office,
Amravati
Shri. D.S.Dhoble
Principal
Government Polytechnic Murtijapur

ADVISORY COMMITTEE

Shri. D. S. Dhoble	HOD Mechanical
Shri. V.D.Thakur	I/C HOD Civil
Dr.C.PAhir	I/C HOD Computer
Shri.V.N.Bobade	I/C HOD Electrical
Smt.A.P.Jane	I/C HOD I.T.

ORGANIZING COMMITTEE

Shri. D. S. Dhoble	Principal
Dr. C.P.Ahir	Hod Computer
Dr. Pravin R Satav	Lecturer in Computer.
Shri. Vinod D Kale	Lecturer in Computer.
Smt. Smita S Patil	Lecturer in Computer.
Shri. Milind K Tatte	Lecturer in Computer.
Smt.Shital V. Bahale	Lecturer in Computer.
Shri. Amol S. Kulkarni	Lecturer in Computer.

Registration Form

Full Name: -

Designation:

Name of Institute

Branch/Course.....

Email ID

Contact No

Recommendation of Head of the Institute:

I hereby recommend the above faculty to participate in
One Week Faculty Development program sponsored
by AICTE (Offline) 2024-25 in Computer
Engineering Department at your institute

Signature of Participants:

Date: Signature of the Principal

Seal of the Institute