

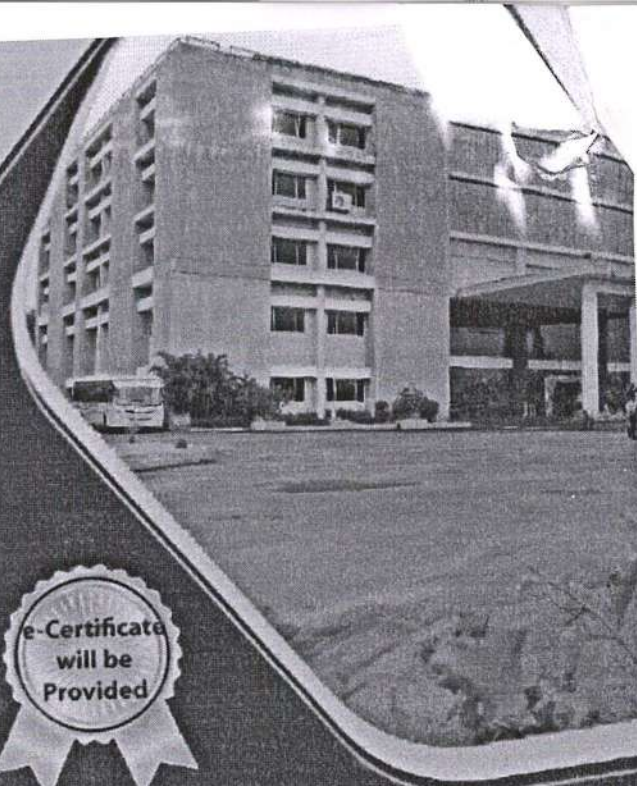


A.J. INSTITUTE OF ENGINEERING & TECHNOLOGY

(A Unit of Laxmi Memorial Educational Trust)

NH-66, Kottara Chowki, Mangaluru - 575006

Affiliated to VTU, Belagavi, Recognised by AICTE, Delhi, Govt. of Karnataka



5 Days SKILL DEVELOPMENT



PROGRAM On

Mobile Application Development

Organized by
Dept. of Computer Science and Engineering
in Association with Dept. of ISE and ECE
From 14-06-2021 to 18-06-2021



SPEAKERS



Mr. Chetan S P
Tackle-D Pvt. Ltd.



Mr. Thejesh P
Wipro Ltd., Bangalore



Mrs. Rashmi G
BITS Pilani, Bangalore



Mr. Mohammad Ameenulla
i-Nurture, Bangalore

SCHEDULE

14 JUN - 2021
10.00 AM - 11.00 AM

11.00 AM - 01.00 PM

Talk 1: Introduction to Mobile Application Development.
Mr. Chetan S P Founder & CEO, Tackle - D Private Limited, Kushalnagar
Demonstration-1&2: Visiting Card & Minimal functional Calculator Application.
Mr. Chetan S P, Founder & CEO, Tackle - D Private Limited, Kushalnagar

15 JUN - 2021
10.00 AM - 12.00 PM

12.00 PM - 01.00 PM

Demonstration-3&4: Registration Activity & Wallpaper Changer Application.
Mr. Chetan S P, Founder & CEO, Tackle - D Private Limited, Kushalnagar
Talk 2: XAMARIN open-source platform for building Mobile Application.
Mr. Thejesh P, Technical Manager, Wipro Ltd., Bengaluru

16 JUN - 2021
10.00 AM - 11.00 AM

11.00 AM - 1.00 PM

Talk 3: Firebase (NoSQL) in Mobile Application Development.
Mrs. Rashmi G, Guest faculty, BITS Pilani, Bengaluru
Demonstration 5&6: Counter Application, Parsing XML & JSON Data.
Mr. Chetan S P Founder & CEO, Tackle - D Private Limited.

17 JUN - 2021
10.00 AM - 11.00 AM

11.00 AM - 1.00 PM

Talk 4: iOS in Mobile Application Development.
Mr. Mohammad Ameenulla, Senior Faculty, i-Nurture Pvt. Ltd, Bengaluru
Demonstration 7&8: Text to Speech Application, Call & Save Application.
Mr. Chetan S P Founder & CEO, Tackle - D Private Limited, Kushalnagar

18 JUN - 2021
10.00 AM - 12.00 PM

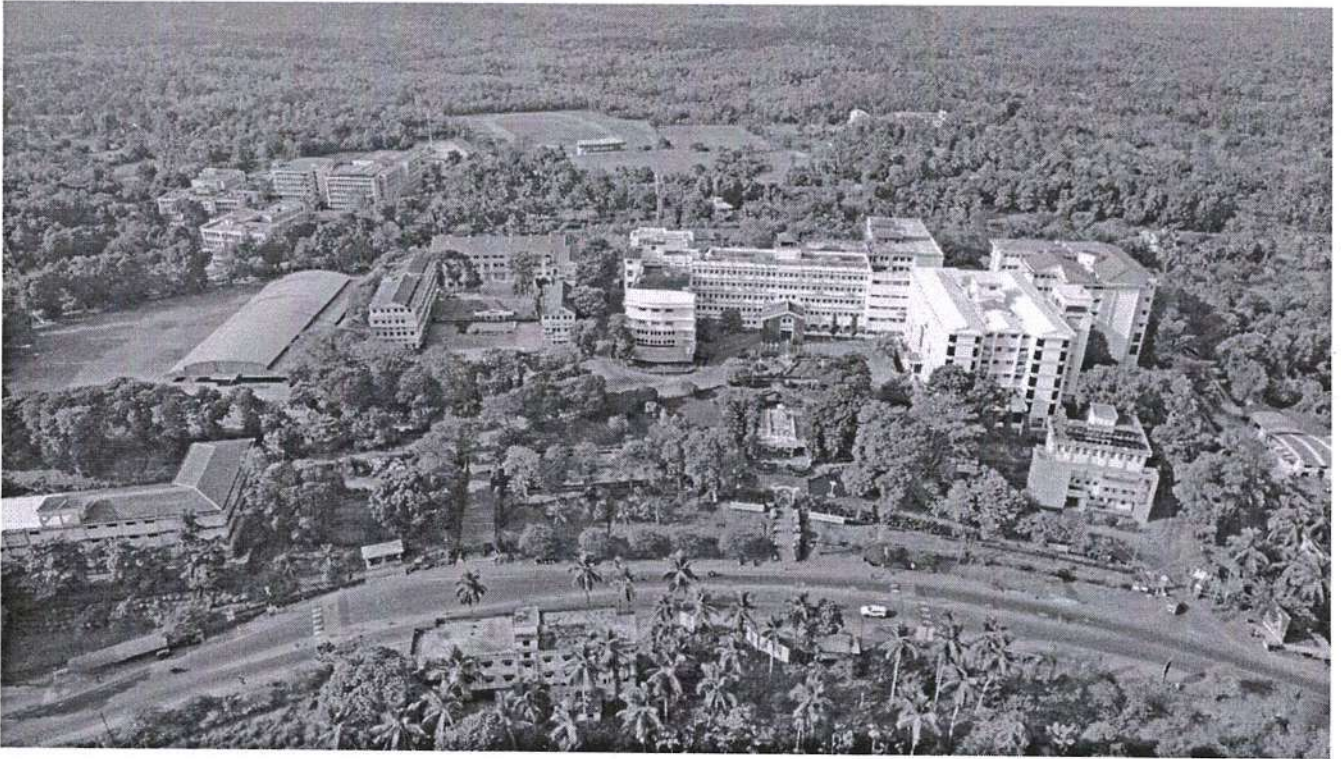
12.00 PM - 01.00 PM

Discussion Session: Mobile Application Mini projects.
Mr. Chetan S P, Founder & CEO, Tackle - D Private Limited, Kushalnagar
Talk 5: Future Trends in Mobile Application Development
Mr. Chetan S P, Founder & CEO, Tackle - D Private Limited, Kushalnagar

Dr. Antony P J
Program Convener

Dr. Shantharama Rai C
Principal

A.J. Institute of Engineering & Technology
Mangaluru



Department of Information Science and Engineering
in association with
Staff Development Centre, Nitte DU
is organising

A Five-Day Faculty Development Program on
**Machine Learning and Deep Learning
Techniques for Cyber Security**

Funded By:

IEEE Student Branch, NMAMIT & DLithe



IEEE Mangalore Subsection



8th January to 12th January 2024

Shambhavi Seminar Hall, A P J Kalam Block, NMAMIT, Nitte

Organised by:



NITTE
(Deemed to be University)

**NMAM INSTITUTE
OF TECHNOLOGY**

Off Campus Centre of Nitte (DU)

Nitte, Karkala Taluk, Udupi District, Karnataka 574110

Ph: +91 8258-281 263/ 281 248

Web: www.nmamit.nitte.edu.in

Principal

A J Institute of Engineering & Techno
Mangaluru - 575 006

The Department of Information Science & Engineering, NMAMIT, Nitte in association with Staff Development Centre, Nitte (DU) is organizing a five-day Faculty Development Program on "**Machine Learning and Deep Learning Techniques for Cyber Security**" from 8th January to 12th January 2024 at NMAM Institute of Technology, Nitte.

About NMAMIT, Nitte

Nitte Mahalinga Adyantaya Memorial Institute of Technology (NMAMIT), Nitte, established in 1986 and recognized by the All-India Council for Technical Education, New Delhi, has been a constituent college of Nitte (Deemed to be University), Mangaluru, since June 2022. Ranked between 101-150 band under Engineering category in the National Institutional Ranking Framework (NIRF) 2023 by MHRD, GoI among the engineering colleges in India, the College has been placed under 'Platinum' category for having high industry linkages by the AICTE-CII Survey of Industry-Linked Technical Institutes 2020. NMAMIT, the off-campus centre of Nitte DU located at Nitte village, has active collaborations with several international universities and organizations for faculty and student exchanges, research, internships and placements.

The Institute offers UG engineering program in fifteen disciplines; Artificial Intelligence & Machine Learning (AI&ML), Artificial Intelligence & Data Science (AI&DS), Biotechnology (BT), Civil Engineering (CIV), Computer & Communication Engineering (CCE), Computer Science & Engineering (CS), Computer Science (Full Stack Development), Computer Science (Cyber Security), Electrical & Electronics Engineering (E&E), Electronics & Communication Engineering (E&C), Electronics (VLSI Design & Technology), Electronics & Communication Engineering (ACT), Information Science & Engineering (IS), Mechanical Engineering (MECH) and Robotics & Artificial Intelligence (R&AI). Out of these programs, seven UG programs i.e., BT, CIV, CS, E&E, E&C, IS and MECH are accredited by NBA, New Delhi under Tier - I category till 30 June 2025. The institute also offers PG program M.Tech. in seven disciplines namely Construction Technology, Computer Science & Engineering, Cyber Security, Electric Vehicle Technology, Machine Design, Structural Engineering and VLSI Design & Embedded Systems as well as MCA program. All the departments have qualified research guides for students interested in taking up research work leading to Ph.D.

NMAMIT is located in a vibrant, serene and green campus at Nitte spread over 125 acres and is nestled in the Western Ghats of Southern India on the way to the Kudremukh ranges. The nearest airport is Mangaluru International Airport (45 km). The nearest railway stations are Udupi (40 km) and Mangaluru (50 km). Nitte is 19 km from NH-66 connecting Kochi (Kerala) and Panvel (Mumbai) and 7 km on NH-169 connecting Mangaluru and Solapur (Maharashtra).

About the FDP

This FDP explores the utilization of Machine Learning (ML) and Deep Learning (DL) techniques to bolster Cyber Security. Given the exponential increase in cyber threats, traditional security measures have proven insufficient, necessitating the integration of advanced, adaptive, and predictive technologies. This study delves into various ML and DL algorithms, their implementation, and their efficacy in detecting and mitigating cyber threats. We evaluate techniques such as Artificial Neural Networks, Support Vector Machines, and Random Forests for anomaly detection, malware classification, and intrusion detection, among other applications. Furthermore, we assess the capability of Deep Learning approaches, including Convolutional Neural Networks and Recurrent Neural Networks, to process large-scale, high-dimensional data for predictive cybersecurity. The study underscores the challenges, such as algorithmic transparency and data privacy, associated application of these methods, and proposes potential solutions. The findings from this research signify a pivotal shift from rule-based to intelligent, adaptive cybersecurity systems that could dramatically improve threat prediction, detection, and response.

- This FDP gives awareness about recent trends in cyber security and research gaps in this domain.
- This FDP educates about Machine Learning and Deep Learning APPROACHES FOR CYBER SECURITY.
- BLOCKCHAIN MODELS towards cyber security will be addressed.
- Hands-on sessions will give practical exposure to the participants.
- After completing the FDP, the participants will be able to apply machine learning and deep learning concepts for intrusion detection and internet security.

Resource Persons:

- Dr. S Mohan, Professor, IIT Madras, Currently Vice-Chancellor of Puducherry Technical University, Puducherry.
- Dr. K Chandrasekaran, Professor, Dept. of CS&E, NITK Surathkal
- Dr. Anand Kumar M, Associate Professor, Dept. of IT, NITK Surathkal
- Dr. Amit Praseed, Assistant Professor, Dept. of CS&E, NIT Calicut
- Dr. Modi Chirag Navinchandra, Associate Professor, Dept. of CS&E, NIT Goa
- Dr. Rajendra Hegadi, Dean - Academic and Student affairs, Dept. of Data Science and Intelligent Systems, IIIT Dharwad
- Dr. Manish Kumar, Assistant Professor, Dept. of MCA, MSRIT, Bangaluru
- Dr. Prabhu Mohandas, Associate Professor, Dept. of CS&E, NIT, Calicut
- Dr. Roshan Fernandes, Professor & Head, Dept. of CS (Cyber Security), NMAMIT, Nitte

Principal

A.J. Institute of Engineering & Technology
Mangaluru - 575 006



NITTE
(Deemed to be University)

**NMAM INSTITUTE
OF TECHNOLOGY**

**Department of Artificial Intelligence &
Data Science**

in association with

Internal Quality Assurance Cell (IQAC) &
Staff Development Centre, Nitte DU

cordially invite you to the inauguration of

A Five-Day Faculty Development Program on

**Industrial Applications of Artificial
Intelligence and Data Science**

Chief Guest

Mr. Murali Iyer
Former Partner
Wipfli LLP

President

Dr. Niranjan N Chiplunkar
Principal

NMAM Institute of Technology, Nitte

DATE: 16-01-2024

TIME: 10.00 AM

Venue: Shambhavi Seminar Hall

Principal

A.J. Institute of Engineering & Technolo
Mangaluru - 575 006

Dr. Venugopala P.S
Convenor & HoD, AI&DS

**Coordinators and
Organizing committee**

ABOUT THE COLLEGE

HKBK College of Engineering is one of the premier educational institutions in the garden city of Bengaluru. It was established in the year 1997 by Shri C.M. IBRAHIM. The institution is located in the heart of the city covering an area of 17 acres. The college is approved by AICTE, New Delhi and affiliated to VTU, Belagavi. The institution has been imparting quality technical education in 5 UG programs in various disciplines (AI&ML, CSE, ISE, ECE, ME).

ABOUT THE DEPARTMENT

The Department of CSE aims at fostering excellence in academics & research. Over the years it has trained students to be globally competitive and to advance the intellectual capacity of the nation and the international community. We envision our students to be globally recognized as leaders, innovators and competent professionals. The department has more than 40 teaching, non-teaching & supporting staffs. The current intake of the department for BE is 180. The department has a VTU recognized research center with full-time and part-time Ph.D. students pursuing research in areas like, Network Security, Cloud, Bigdata, Data Mining, Sensor Networks, AdHoc Networks and Machine Learning.

ABOUT THE FACULTY DEVELOPMENT PROGRAMME

In pursuance with the syllabus of VTU, Five days Faculty Development Program on "FULLSTACK DEVELOPMENT - 21CS62" for faculty members of CSE department and also allied disciplines of CSE.

OBJECTIVES OF THE FDP

- Acquire knowledge of the entire full stack development cycle.
- To Provide solutions to all the prescribed problems of FULLSTACK DEVELOPMENT [21CS62] course of 6th Semester BE in CSE and allied branches.
- To understand the concepts of Django, Templates, Models and Interfaces.
- To Understand the database Concepts such as JQuery and AJAX Integration in Django.

COURSE CONTENT

- MVC based Web Designing
- Django Templates and Models
- Django Admin Interfaces and Model Forms
- Generic Views and Django State Persistence
- JQuery and AJAX Integration in Django

COURSE OUTCOME

Participants will be able to effectively implement Full stack development Concepts to Develop the Programs using Java, Django and jQuery.

NOTE: Laboratory Manual in accordance with VTU Syllabus will be Provided.

RESOURCE PERSONS:

The resource persons for the course will be from premier Institutes and Industry.

WHO CAN ATTEND?

Faculty from Engineering /Diploma Colleges, Research Scholars and private Universities.

HOW TO APPLY:

Applicants should Scan the QR Code mentioned above and fee payment should be made and registration should be done in the Google form along with the proof of payment on or before 12.04.2024.

<https://forms.gle/5gPDbg5Zapna8ZED9>



Scan for Registration

Principal

A.J. Institute of Engineering & Technology
Mangaluru - 575 006

CHIEF PATRON

Shri. C.M. IBRAHIM.

Chairman, HKBK Group of Institutions, Bangalore.

Shri. C.M. Faiz Mohammed.

Director, HKBK Group of Institutions, Bangalore.

PATRON

Dr. Mohammed Riyaz Ahmed.

Principal, HKBK College of Engineering, Bangalore.

CONVENER

Dr. Smitha Kurian.

Head, Department of CSE, HKBKCE.

ORGANIZING CHAIR

Dr. Nandha Gopal S M

Professor, Department of CSE, HKBKCE.

Dr. Deepak N R

Professor, Department of CSE, HKBKCE.

ORGANIZING COMMITTEE

- | | |
|----------------------|---------------------------|
| Prof. Sarumathi. S | - Assistant Professor/CSE |
| Prof. Husna Tabassum | - Assistant Professor/CSE |
| Prof. Mary Stella | - Assistant Professor/CSE |
| Prof. Juliet Johny | - Assistant Professor/CSE |
| Prof. Humera D | - Assistant Professor/CSE |

CONTACT DETAILS

Dr Nandha Gopal S M Mob: 9842711044

Dr Deepak N R Mob: 9886467667

Mail ID:

nandhagopal.cs@hkbk.edu.in,

deepakn.cs@hkbk.edu.in

ADDRESS

HKBK College of Engineering,
22/1, Opp Manyata Tech Park,
Nagawara, Bengaluru, Karnataka - 560045.



HKBK College of Engineering

Bengaluru- 560045

(An Affiliated to VTU, Approved by AICTE)

Accredited By NBA

Five Days Faculty Development Programme

(ONLINE MODE)

On

EMERGING TRENDS IN "FULLSTACK DEVELOPMENT"

(As per CBCS Scheme 2021 - VTU)

15.04.2024 to 19.04.2024



Department of Computer Science & Engineering

HKBK College of Engineering

22/1, Opp - Manyata Tech Park,
Nagawara, Bangalore. 560045.

REGISTRATION

Registration to the FDP is open to personnel from academics. Participants can register for the FDP through email. A copy of the completed registration form & Payment proof should be mailed to: nandhagopal.cs@hkbk.edu.in. The selection process is based on first come first serve basis. Selected participants will be informed by email on or before 12th April 2024.

NOTE

Registration fee - Rs 200/- Amount should be transferred to mentioned QR Code.

E-Certificates will be provided upon successful completion of the FDP



Scan for Payment

REGISTRATION FEE

Faculties from VTU Affiliated Colleges & Other Colleges & Universities Rs 200/-

IMPORTANT DATES

Last Date for Registration : 12 - 04 -2024
Program Date : 15-04-2024 to 19-04-2024

Last date for receipt of Application and registration fee on or before 12.04.2024

Registration Form

Five Days Faculty Development Programme
On

EMERGING TRENDS IN "FULLSTACK DEVELOPMENT"

15.04.2024 to 19.04.2024

Name:
Educational qualification:.....
Designation:
Institution:
Address for communication:
.....
Mobile:
E-mail ID:
Transaction ID:.....Dated:.....

DECLARATION

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program.

SPONSORSHIP CERTIFICATE

We Certify that Dr./Mr./Ms..... is an employee of our institute and is here by sponsored for the FDP on "EMERGING TRENDS IN FULLSTACK DEVELOPMENT" at HKBK College of Engineering during the period 15TH to 19TH April 2024. He/She will be permitted to attend the program, if selected.

Date:
Place:

Signature of the HoD/ Principal with Seal

Principal

A.J. Institute of Engineering & Technology
Mangaluru - 575 006



A. J. Institute of Engineering and Technology

(A Unit of Laxmi Education Trust®, Mangalore)
(Approved by AICTE, New Delhi, Affiliated to Visvesvaraya Technological University, Belagavi)

NH-66, Kottara Chowki, Mangaluru, Karnataka – 575006



In association with
National Institute of Technical Teachers Training & Research, Chandigarh



Presents

Online STC/FDP on " Digital Tools for Teaching and Learning"

From 11th – 15th March, 2024

Learning Outcomes:

- To gain a comprehensive understanding of various digital tools and technologies used in modern teaching and learning environments
- To effectively integrate digital tools into teaching practices.
- To develop skills in creating and curating digital learning content.
- To design inclusive digital learning experiences that cater to diverse learners.
- To gain insights into effective use of Online Evaluation Tools in Academia

Note:

1. For participants of remote centers (A. J. Institute of Engineering and Technology Mangaluru Karnataka) from AICTE-approved technical institutions (Engineering & Polytechnic) will register through STC portal of NITTTR by paying the applicable course fee of Rs. 118/-.
2. There will be **3 sessions (1.5 h each) per day**.
3. All lectures/sessions will be arranged/delivered in **Online/ICT mode**.

Register at <https://fdp.nitttrchd.ac.in/backingup>

Venue: **Software Lab -2, B-Block, AJIET, Mangaluru**

Co-ordinators:

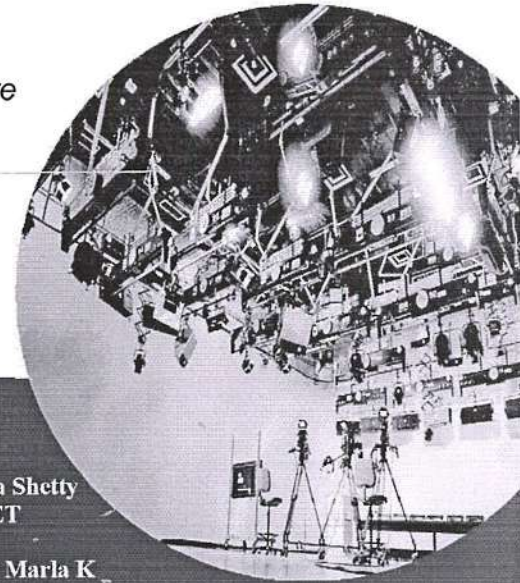
1. **Dr. Sunil Kumar S**, Asst. Prof, Dept. of ME, AJIET, Mangaluru.
2. **Dr. Rithin Kumar**, Asst. Prof, Dept. of Physics, AJIET, Mangalore

Dr. Rajesh Rai P
HOD- ME

Dr. Antony P J
Vice- Principal

Dr. Mahabaleshwarappa
Dean- Academics

Dr. Shantharama Rai
Principal



Our Patrons

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President, LMET

Mr. Prashanth Shetty
Vice president, LMET

Mrs. Sharadha Shetty
Director, LMET

Mrs. Ashritha P Shetty
Director, LMET

Dr. Amitha P Marla
Director, LMET

Dr. Prashanth Marla K
Director, LMET

Vision of Institution: To produce top-quality engineers who are groomed for attaining excellence in their profession and competitive enough to help in the growth of nation and global society.

Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575006

OTHER DETAILS

The FDP is conducted via online mode. Participants are advised to have a Laptop or Desktop with proper internet connectivity. There is **NO REGISTRATION FEE** for the program. Registrations will be on a first come - first serve basis. The E- Certificate will be sent through an email to all the registered participants who have attended atleast 80% attendance & have scored at least 60% marks in the Test.

ORGANIZING COMMITTEE

Mr. P.R. Subramanyam, Associate Professor
Dr. P.Thimothy, Associate Professor
Mr. P. Srinivas Reddy, Associate Professor
Mr. N.Satya Kanthi Kiran, Associate Professor
Dr. K. Raja Rao, Assistant Professor
Dr. S. Ravi Teja, Assistant Professor
Dr. Y. Ravikanth, Assistant Professor
Mr. S. Santosh Kumar, Assistant Professor
Mr. D. Appanna, Assistant Professor
Mr. R. Ramakrishna, Assistant Professor
Mr. P. Kameswara Rao, Assistant Professor
Mr. D. Srinivas Rao, Assistant Professor
Mr. M. Balaji, Assistant Professor
Mr. Ch. Polayya, Assistant Professor
Mrs. G. Gnana Deepa, Assistant Professor
Mr. R. Jagadeesh Kumar, Assistant Professor
Mr. M. Gangadhar Rao, Assistant Professor
Mr. N. Santosh Naveen, Assistant Professor
Mrs. S. Roopa, Assistant Professor
Mrs. B. Ushaswini, Assistant Professor
Mr. G. Ravi, Assistant Professor

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Sri. K. Sivarama Krishna
Secretary

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Dr. V.V.Rama Reddy
Principal

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Dr. Satish Pujari
Professor & Head of the Department

Dr. K. Shridhar
Professor

CO-ORDINATORS

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Mr. M. Daniel Silas Kumar, Asst. Professor

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Dr.Soumya Gangopadhy IIT-Bhilai
Dr.Dixit Garg, NIT-Kurkshetra
Prof. A.Venugopal, NIT-warrangal
Prof. Ir.Ts.Dr. Sivarao Subramonian,
Universiti Teknikal Malaysia Melaka, Malaysia

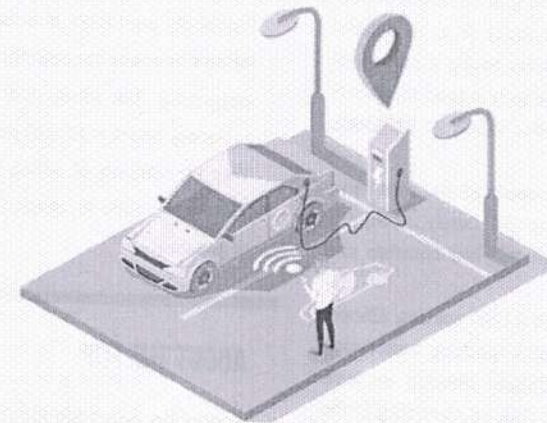
FOR MORE DETAILS CONTACT:

Dr. K. Shridhar,
Professor,
Department of Mechanical Engineering,
Lendi Institute of Engineering & Technology,
Jonnada, Vizianagaram - 535005
Ph: +91-9098907832; +91-6304298910
shridharlendi@gmail.com

A One Week International Online FDP on

TRENDS AND CHALLENGES IN DEVELOPMENT OF ELECTRIC VEHICLES AND HYBRID ELECTRIC VEHICLES (SERIES-1)

26th - 30th September, 2022



Organised by

DEPARTMENT OF MECHANICAL ENGINEERING

Lendi Institute of Engineering & Technology

An Autonomous Institution

Approved by AICTE & Permanently affiliated to JNTUK

Accredited by NAAC with 'A' Grade & NBA

Jonnada (Village), Denkada(Mandal)

Vizianagaram District , Andhra Pradesh

India - 535005

www.lendi.org

Principal

A.J. Institute of Engineering & Technology

Mangaluru



ABOUT THE INSTITUTE

Lendi Institute of Engineering & Technology is a premiere institute, established in 2008 by a divine body of committed intelligentsia under the aegis of Sai Dhamam Educational Trust of Visakhapatnam to cater to the needs of young graduates of technology. It is on national highway near to both vizag and vizianagaram having a lush green campus with eco-friendly environment. Its vision is to produce globally competent and quality technocrats with human values for the holistic needs of industry and society.

Ours is an Autonomous College which is spread to all directions with a strength of over 2600 students and above 200 faculty. College is accredited by NAAC with "A" Grade, NBA with four branches and permanently affiliated by JNTU Kakinada.

Lendi offers MECH, ECE, EEE, CSE, CSSE & CSIT courses. Efficient and experienced faculty members dedicated in teaching, encouraging students to have practical exposure, individual attention etc have made Lendi famous for its teaching traits. Offering counseling to the identified slow learners, student teacher adoption program, allocation of choice based internships to the students during vacation for the practical exposure, supplying Manuals for lucidity in the practical work are the extensive practices which made LENDI a hallmark for quality engineering education.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has started its journey in the year 2012 and within a short period of 6 years, the department is accredited by NBA, which itself is a feather in the department's cap. The Department has well equipped laboratories and infrastructural facilities. The Department boasts of a high end Simulation laboratory, CNC Laboratory and R&D laboratory.

The Department works for the overall development of the students by inculcating the spirit of self learning. Students are provided with a variety of opportunities and platforms for them to technically grow and by giving them a chance to investigate a broad range of areas; which propels them to learn with zeal and grow.

The faculty are trained to make the students reach their goals. They incline themselves to constantly upgrade their know-how in the field of engineering. The faculty and students have the habit of regularly publishing papers in reputed journals and present them in conferences. They are members of various international organisations which is one platform for them to enhance their latest know-how in the field of engineering.

ABOUT THE FDP

Most of the automobile companies are vowing to switch to electric, a cleaner, and sustainable alternative. An electric revolution is coming to the automobile sector in India. But, the industry is facing a shortage of talented and skilled engineers needed for the transition to electric drives as the primary source of motive power to conduct this course.

When it comes to immobility, it is not just about electric vehicles. Hybrid vehicles are being seen as a temporary way to bridge the gap between traditional vehicles and EVs. And for a country like India where EV charging infrastructure is still not created, hybrid vehicles can make a difference in the short to medium term

The objective of this FDP is to introduce the fundamental concepts, principles, analysis and design of electric and hybrid electric vehicles

Principal

A.J. Institute of Engineering & Technology
Mangaluru - 575 006

CONTENTS OF THE PROGRAM

- Global scenario in development of electric and hybrid E- Vehicles
- Electric Vehicle- Developments
- Advanced power converters for Electric Vehicle Charging
- Intergration of Multi-Spot EV-based Charging Infrastructure
- EV/HEV energy management strategies
- Research aspects in trouble shooting

RESOURCE PERSONS



Mr. Avinash Kishore
General manager R&D,
Revolt Motors, Gurgaon

Dr. Lalith Kumar
National Institute of Technology,
Raipur



Mr. Rohit T
R & D [electric vehicles]
TE Connectivity company
Schaffhausen, Germany

Dr. Shailendra Kumar Dwivedi
National Institute of Technology,
Bhopal



Dr. Krishna Kumar Gupta
Thapar Institute of Engineering
& Technology, Patiala

ELIGIBILITY & REGISTRATION

Faculty members of AICTE approved institutions, Research scholars, PG scholars, participants from the government, the industry can participate in the program.

Please click the link to register
<https://forms.gle/w7YjPvvAEeVUgVta6>



Last Date for Registration - 20th September 2022 SCAN HERE

OTHER DETAILS

The FDP is conducted via online mode. Participants are advised to have a Laptop or Desktop with proper internet connectivity. There is **NO REGISTRATION FEE** for the program. Registrations will be on a first come - first serve basis. The E- Certificate will be sent through an email to all the registered participants who have attended atleast 80% attendance & have scored at least 60% marks in the Test.

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Dr. Y. Ravikanth, Assistant Professor
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Mrs. S. Roopa, Assistant Professor
Mrs. B. Ushaswini, Assistant Professor

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Sri. P. Srinivasa Rao
Vice-Chairman
Sri. K. Sivarama Krishna
Secretary

PATRON

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Principal

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ADVISORY COMMITTEE

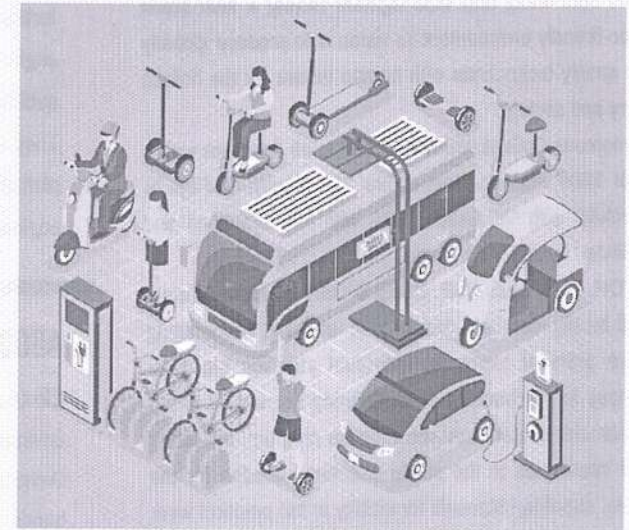
Dr. Fei Gao, Director, French national CNRS research institute, France
Dr. Sheldon Williamson, Ontario Tech university, Canada
Mr. Rohit T, TE Connectivity, Bensheim, Germany.
Dr. Giuseppe Buja, University of Padua, Italy
Prof. Ir.Ts.Dr. Sivarao Subramonian,
Universiti Teknikal Malaysia Melaka, Malaysia

FOR MORE DETAILS CONTACT:

Dr. K. Shridhar,
Professor,
Department of Mechanical Engineering,
Lendi Institute of Engineering & Technology,
Jonkada, Vizianagaram - 535005
Ph: +91-9098907832; +91-6304298910

One Week International Online FDP on **TRENDS AND CHALLENGES IN DEVELOPMENT OF ELECTRIC VEHICLES AND HYBRID ELECTRIC VEHICLES (SERIES-2)**

14th - 18th November, 2022



Organised by

DEPARTMENT OF MECHANICAL ENGINEERING

Lendi Institute of Engineering & Technology
An Autonomous Institution
Approved by AICTE & Permanently affiliated to JNTUK
Accredited by NAAC with 'A' Grade & NBA
Jonkada (Village), Denkada (Mandal)
Vizianagaram District, Andhra Pradesh



ABOUT THE INSTITUTE

Lendi Institute of Engineering & Technology is a premiere institute, established in 2008 by a divine body of committed intelligentsia under the aegis of Sai Dhamam Educational Trust of Visakhapatnam to cater to the needs of young graduates of technology. It is on national highway near to both vizag and vizianagaram having a lush green campus with eco-friendly environment. Its vision is to produce globally competent and quality technocrats with human values for the holistic needs of industry and society.

Ours is an Autonomous College which is spread to all directions with a strength of over 2600 students and above 200 faculty. College is accredited by NAAC with "A" Grade, NBA with four branches and permanently affiliated by JNTU Kakinada.

Lendi offers MECH, ECE, EEE, CSE, CSSE & CSIT courses. Efficient and experienced faculty members dedicated in teaching, encouraging students to have practical exposure, individual attention etc have made Lendi famous for its teaching traits. Offering counseling to the identified slow learners, student teacher adoption program, allocation of choice based internships to the students during vacation for the practical exposure, supplying Manuals for lucidity in the practical work are the extensive practices which made LENDI a hallmark for quality engineering education.

ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has started its journey in the year 2012 and within a short period of 6 years, the department is accredited by NBA, which itself is a feather in the department's cap. The Department has well equipped laboratories and infrastructural facilities. The Department boasts of a high end Simulation laboratory,

The Department works for the overall development of the students by inculcating the spirit of self learning. Students are provided with a variety of opportunities and platforms for them to technically grow and by giving them a chance to investigate a broad range of areas; which propels them to learn with zeal and grow.

The faculty are trained to make the students reach their goals. They incline themselves to constantly upgrade their know-how in the field of engineering. The faculty and students have the habit of regularly publishing papers in reputed journals and present them in conferences. They are members of various international organisations which is one platform for them to enhance their latest know-how in the field of engineering.

ABOUT THE FDP

Electrical Vehicle (EV) is a prominent solution of fuel crises and environmental pollution for global transportation sector. This Faculty Development Programme (FDP) is designed to provide the emerging trends and advancements in Electric Vehicle and its infrastructure development. The Programme will focus on providing theoretical as well practical aspects of Electric Vehicle infrastructure development to the participants and thereby enable them to promote industry and institute collaborations by working on the current research problems. To make the participants to familiarize the concepts the Department organized the series1 between 26th Oct-30th Oct 2022. To cover more concepts series2 is planned. This FDP will provide an excellent opportunity for faculty members and research scholars to have an interaction with nationally and internationally renowned experts in the area of Electric

CONTENTS OF THE PROGRAM

- Global scenario in development of hybrid electric Vehicles
- Battery Management System for EVs
- Impact of EV Charging on Electrical Infrastructure
- EV charging methods and its challenges
- Case studies and engineering problems
- Current research aspects of EVs.

RESOURCE PERSONS



Dr. Giambattista Grusso
Professor,
Milano Technical Institute, Italy

Mr. Deepak V

Design Engineer & Project Manager
Volvo Electric Trucks, North Carolina, USA



Dr. Vidya Sagar Y
University of Huddersfield,
England

Dr. Ritesh Keshri

National Institute of Technology,
Nagpur



Dr. Chinmaya K A
Indian Institute of Technology(B.H.U),
Varanasi

ELIGIBILITY & REGISTRATION

Faculty members of AICTE approved institutions, Research scholars, PG scholars, participants from the government, the industry can participate in the program.

Please click the link to register

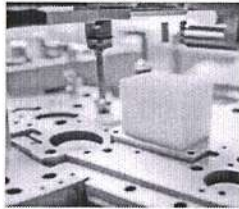
<https://forms.gle/nSuyZuk4tJzKkZ1S6>



A.J. Institute of Engineering & Technology
Muzaffarpur - 575 806

Preamble

This program offers a comprehensive and cutting-edge exploration of additive manufacturing (AM). AM is a transformative technology with the potential to revolutionize manufacturing across various industries. However, challenges related to surface quality, mechanical properties, and residual stress remain significant. This program aims to address these challenges and empower participants with innovative strategies to optimize AM component quality.



Key Themes

Advancements in Additive Manufacturing Techniques: Discover the latest innovations in 3D printing, bio printing, and other additive techniques, and understand their potential in creating complex Geometries.

Characterization and Evaluation of Additive Manufactured product: Gain insights into the characterization techniques and evaluation methodologies employed to assess the performance, safety, and efficacy of Additive Manufactured product.

Future Perspectives and Challenges:

Objectives:

1. To provide a comprehensive understanding of additive manufacturing, covering the fundamentals and advanced strategies.
2. To shed light on the causes and management of residual stress in AM components.
3. To explore preprocessing, deposition, and post processing techniques to improve the quality of AM components.
4. To equip participants with the knowledge and tools to design components that fully leverage the advantages of AM.

About the Institute

Nitte (Deemed to be University) has its roots in a group of Institutions established by the Nitte Education Trust. The Trust was established in 1979 by one of India's respected Statesman, Late Justice KS Hegde, Supreme Court Judge and Speaker of Lok Sabha, with the mission of empowering rural youth through quality education and healthcare. The Trust has established 36 institutions spread in three campuses at Nitte, Mangalore and Bangalore. Following a review of Deemed-to-be Universities in 2012, MoE, placed Nitte DU in Category A. Nitte DU received "A Grade" in its cycle 1 and "A+ Grade" in cycle 2 by NAAC with a CGPA score of 3.11 and 3.40, respectively. In 2017, UGC confirmed its continued recognition of Deemed to be University status. In 2023, it is placed 65th in the Universities category of National Institutional Ranking Framework (NIRF), by MoE, Govt. of India. The University currently offers 130+ programs in disciplines related to health sciences, biological sciences, engineering, business administration, communication studies, and architecture.

N.M.A.M. Institute of Technology was established in 1986. The college is an off-campus center of Nitte (Deemed to be) University and is recognized by the All-India Council for Technical Education (AICTE), New Delhi. It is accredited by NAAC and all the eligible programs are accredited by the National Board of Accreditation (NBA). It is placed in the band 101-150 in the NIRF 2023 ranking.

About the Department

The Department of Mechanical Engineering was started in 1986 with an intake of 40 students. Today the department has an intake of 120 students with a faculty strength of 40. The Department offers an undergraduate program, B. Tech in Mechanical Engineering and a M.Tech Program in machine Design. The Department is a recognized research center under Nitte DU. Department has sponsored research projects worth more than Rs.1.2 Crores. It also has an excellent research outputs in terms of publications, with a total number of 109 publications in the last three years.



NMAM INSTITUTE
OF TECHNOLOGY



Ministry of Electronics and
Information Technology
Government of India



Supported by:

NATIONAL CENTRE FOR ADDITIVE MANUFACTURING
(NCAM)

ADDITIVE TECHNOLOGY ENHANCEMENT PROGRAM
(ATEP)
on

Strategies for Enhancing Surface
Integrity, Mechanical Properties, and
Minimizing Residual Stress in Additive
Manufactured Components

February 5 - 9, 2024
(Offline mode)

Organizing Secretary

Dr. Srinivasa Pai P

Professor and Head, Mechanical Engineering

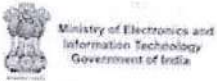
Convener

Dr. Vijeesh V

Associate Professor, Mechanical Engineering



Principal
Department of Engineering & Technology
Mangaluru - 575008
ORGANIZED BY
Department of Mechanical Engineering
NMAM Institute of Technology, NITTE - 574 110



About NCAM

The NCAM is a company registered under section 8(1) of the Companies Act 2013. The NCAM was established by the Ministry of Electronics and Information Technology, Govt. of India, and ITE&C Department, Govt. of Telangana in partnership with industry. It is conceptualized with a vision to create and enable a sustainable ecosystem for product innovation in India with an emphasis on research, design, development, and testing through collaborative efforts between academia, industry, and government using the disruptive technology of Additive Manufacturing.

Participants

Interested faculty, post-doctoral fellow, research associates, PhD students from AICTE approved technical institutions / Research organizations / Research labs/ Industry (both private and govt.) are eligible to apply.

Resource Persons

Experts from ARCI, NIT, Leading Industries.

Registration and Selection

- Maximum attendees: 50 (first come, first serve). Online registration form link: <https://forms.gle/25giZRmscYRxXQ6v6>



- Please fill the above Google form with the requested details on or before 16th January 2024.
- The selected candidates will be informed by email on or before 20th January 2024. The selected candidates will have to confirm their

participation through a return email on or before 22nd January 2024.

On prior request accommodation can be provided to Participants in college hostel on payment basis. Registration fee: Nil.

Organizing Committee

Patron

Sri N. Vinaya Hegde

President, Nitte Education Trust & Chancellor, Nitte (Deemed to be University)

Advisory committee

Prof. (Dr.) M. Shantharam Shetty

Pro-chancellor, Nitte (DU), Mangalore

Sri. Vishal Hegde

Pro-Chancellor (Admin), Nitte (DU), Mangalore

Dr. M S Moodithaya

Vice Chancellor, Nitte (DU), Mangalore

Prof (Dr.) Gopal Mugeraya

Vice President (Technical Education). Nitte (DU)

Dr. Harsha Halahalli

Registrar, Nitte (DU), Mangalore

Dr. Praveen Kumar Shetty

Director Research, Nitte (DU), Mangalore

Organizing Chairman

Dr. Niranjana N. Chiplunkar

Principal, NMAMIT, Nitte

Organizing Secretary

Dr. Srinivasa Pai P

Professor & Head, Mech. Dept., NMAMIT, Nitte

Steering Committee Members:

Dr. I. Ramesh Mithanthaya

Vice Principal & Dean (Academics), NMAMIT, Nitte

Dr. Shrinivasa Rao B.R.

Vice Principal & COE, NMAMIT, Nitte

Dr. K. Subrahmanya Bhat

Deputy COE, Nitte off campus Centre, Nitte (DU)

Dr. Rekha Bhandarkar

Deputy Registrar, Nitte off campus Centre, N (DU)

Shri S. Gopinath



NMAM INSTITUTE OF TECHNOLOGY

Advisor, NMAMIT, Nitte

Dr. A N Parameshwaran

Director, IIC, NMAMIT, Nitte

Dr. Sudesh Bekal Dean (R &D), NMAMIT, Nitte

Dr. K. Rajesh Shetty Dean (Admissions),

NMAMIT

Dr. Narasimha Bailkeri, Dean (SW), NMAMIT

Convener:

Dr. Vijeesh V

Assoc. Professor, Mech. Dept., NMAMIT, Nitte

Coordinator

Mr. Ragavendra Pai, Mech Dept., NMAMIT

Members:

Dr. Narasimha Marakala

Professor, Mech. Dept., NMAMIT, Nitte

Dr. Nithin Kumar

Assoc. Professor, Mech. Dept., NMAMIT, Nitte

Dr. Grynal DMello

Assoc. Professor, Mech. Dept., NMAMIT, Nitte

Dr. Ajith Hebbale

Assoc. Professor, Mech. Dept., NMAMIT, Nitte

Mr. Srinivasa Prabhu

Asst. Professor, Mech Dept., NMAMIT, Nitte

Mr. Rajath N. Rao

Asst. Professor, Mech. Dept., NMAMIT, Nitte

Mr. Gautama Hebbbar

Asst. Professor, Mech. Dept., NMAMIT, Nitte

Mr. Krishnaraja Joisa A

Public Relations Officer, NMAMIT, Nitte

IMPORTANT DATES

Last date for registration: **16th January 2024.**

Intimation to participants: **20th January 2024.**

Acknowledgment by participants: **22nd Jan 2024.**

FDP dates: **February 5 - 9, 2024.**

CONTACT DETAILS

Dr. Vijeesh V

Associate Professor

Dept. Mechanical Engineering, NMAMIT, Nitte

Email: vijeeshv@nitte.edu.in / 9035107075

A.J. Institute of Engineering & Technology
Mangaluru - 575 006



rogram Schedule. 9.00am-9.30 am inauguration & key note address.

Day/Time	9.30 a.m. - 11.00 a.m.	11.30a.m. – 1.00 p.m.	2.00 p.m. - 3.30 p.m.	4.00 p.m. – 6.00 p.m.
Day 1 05-02-2024 (Monday)	Lec 1: Introduction to AM & Design for additive manufacturing Dr. Ravi Kumar Y Professor, Dept. of ME, NIT-Warangal	Lec 2: Pre-processing and tool path planning techniques Dr Vijeesh V Associate Professor, Dept. of ME, Nitte DU	Lec 3: Development of Medical Application using Additive Manufacturing Tech. Dr. Ravi Kumar Y Professor, Dept. of ME, NIT-Warangal	Demonstration -1 CAD Modelling for AM & STL conversion Dr.Sharath & Mr.Srinivas Prabhu Dept. of ME, Nitte DU
Day 2 06-02-2024 (Tuesday)	Lec 4: Challenges in powder bed AM processes. Dr Srikantha Bontha Professor; NIT-Karnataka	Lec 5: AM of non-metals & applications Dr Sukesh Rao Associate Professor, Dept. of ECE, NDU	Lec 6: Challenges in Laser Directed energy deposition. Dr Srikantha Bontha Professor; NIT-Karnataka	Demonstration -2 Model manipulation, support structure generation, slicing & tool-path planning Dr Vijeesh V
Day 3 07-02-2024 (Wednesday)	Lec 7: Challenges in fused deposition Modelling (FDM). Mr. Manish B S Sr. Technology Engineer, Wipro 3D	Lec 8: Strategies adopted to enhance the properties of metal AM. Dr Ajith Hebbale Associate Professor, Dept. of ME, Nitte DU	Lec 9: Methods to reduce anomalies in SLA process Mr. Manish B S Sr. Technology Engineer, Wipro 3D	Demonstration -3 Demonstrations of AM using industrial FDM, SLA & WAAM Mr.Raghavendra Pai and Mr.Rajath N Rao Dept. of ME, Nitte DU
Day 4 08-02-2024 (Thursday)	Lec 10: Strategies to mitigate residual stresses in PBF processes. Mrs. Akshatha Dayananda Technical Leader, Wipro 3D	Lec 11: Insitu & post Processing machining for improving surface Integrity of AM components Dr Srinivasa P Pai Professor and Head, Dept.of ME. Nitte DU	Lec 12: Additive manufacturing of non-ferrous metals and applications. Mrs. Akshatha Dayananda Technical Leader, Wipro 3D	Demonstration -4 Strategies to reduce residual stress & distortion in WAAM, SLA & FDM process Mr.Raghavendra Pai and Mr.Rajath N Rao Department of ME, Nitte DU
Day 4 09-02-2024 (Friday)	Lec 13: Metal Powder for Additive Manufacturing: Process and characteristics Dr Gururaj Telasang Scientist-E, ARCI. Hyderabad.	Lec 14: Various post processing techniques to reduce residual stress & mechanical properties in AM components Dr Grynal D'mello Associate Professor, Dept. of ME, Nitte DU	Lec 15: Powder Bed Additive Manufacturing: Process and Applications Dr Gururaj Telasang Scientist-E, ARCI. Hyderabad.	Lec 16: Techniques to improve the surface integrity of AM components Dr A. S S Balan Assistant Professor Grade I, Department of Mechanical Engineering, NITK Surathkal Followed by: Valedictory Function

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Principal

ABOUT THE INSTITUTION

AJ Institute of Engineering & Technology is promoted by Laxmi Memorial Education Trust(R.) was established in the year 1991 in memory of Late Laxmi Shetty, beloved mother of Dr. A. J. Shetty, who is the President and Managing Director of the Trust. He is also a pioneer entrepreneur, educationalist and philanthropist of Dakshina Kannada. A.J. Institute of Technology, Mangaluru, is approved by AICTE and affiliated to Visvesvaraya Technological University (VTU), Belagavi was established in the year 2016. It has well established lab and research centre in Basic Science Department. AJIET is the only Engineering college located in the heart of the city. The campus is located within 5km Mangaluru city radius on the National Highway NH-66 in the Mangalore to Udupi highway. The campus over 12 acres with a healthy environment, is very near to all modes of transportation. The A.J. Institute of Engineering and Technology, which within a short span of time has emerged as the jewel, anybody graduating from our institutions shall not be found wanting in any respect and will not fall short of any expectations in terms of knowledge, skill and capabilities. The Institute is having very active MOUs for accelerating research & student internship collaboration with various supported platforms.

ABOUT THE DEPARTMENT

Department of Mechanical Engineering was established in the year 2016 with the inception of AJIET, Mangaluru. The Department is offering under graduate courses (B.E) in Mechanical Engineering with an intake of 60 and Affiliated to VTU Belagavi. Department conducts various seminars, Technical talks, Industrial visits etc. It is well supported by experienced and highly dedicated faculty members who always motivate students with latest technical advancements in the field and nourish them to come out with flying colours

ABOUT FDP

This FDP will disseminate the knowledge to the participants regarding Additive Manufacturing and also its applications in Mechanical engineering. The objective of the FDP is to give an exposure to the participants to the emerging trends and technologies in Additive Manufacturing. They will get an opportunity to share their thoughts and extend their knowledge with the domain experts in various fields Additive Manufacturing, coming from various renowned institutes.

OBJECTIVES OF THE FDP

The participants will learn to have a rich knowledge of 3D printing technologies, devices, capabilities, materials and applications along with various software tools, processes and techniques enabling personal fabrication, on 3D printing & Scanning. The course will help to explore the broad range of 3D printing theory & practice along with applications including Biomedical & Bio-manufacturing, Aerospace, Consumer Products, and Creative Artistry to mention a few. Finally, participants will learn the latest trends and opportunities in Additive Manufacturing, including "personal" 3D printing, localized services, production of parts, mass customization, and how to commercialize new ideas.

TOPICS TO BE COVERED

- Global engineering and additive manufacturing
- Deposition based and solid state additive manufacturing
- Design issues in additive manufacturing
- 3D printing applications in automobile, aerospace, art and jewelry, fashion, medical etc.
- Industries using 3D printer and 3D scanner
- Laser assisted additive manufacturing

REGISTRATION IS OPEN TO

Faculty members working in Engineering institution / professional involved in training of Engineers / under graduate, post graduate students and research scholars aspiring for an academic career.

RESOURCE PERSONS

Dr. C.P. Paul

Head, Laser Additive Manufacturing Laboratory, RRCAT, Indore.

Dr. Dheepa Srinivasan

Chief Technology Officer, INTECH DMLS Pvt. Ltd. Bengaluru

Dr. B N Majunath

Scientist, Additive Manufacturing Technology, CMTI, Bengaluru

Dr. Srikanth Bontha

Professor, NITK Surathkal

Dr. Mrityunjay R Doddamani

Professor, NITK Surathkal

Dr. Manjaiah M

Professor, MIT Manipal

TEQIP 1.3 SPONSORED FIVE DAY FDP ON 3D PRINTING

08th – 12th JULY 2019

CALL FOR REGISTRATION AND PARTICIPATION



In association with

Visvesvaraya Technological University (VTU)
"Jnana Sangama" Belagavi
Aryabhatta Knowledge University, Patna, Bihar
Biju Patnaik University of Technology, Rourkela,
Odisha

ORGANIZED BY



Department of Mechanical Engineering

AJ Institute of Engineering & Technology

(A unit of Laxmi Memorial Education Trust. (R))

Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi,

Recognized by Govt. of Karnataka

NH - 66, Kottara Chowki, Mangaluru - 575 006

Ph : +91 94830 26503

Tel : 0824-2455048 | 0824-2862202 | 0824-2862200

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Mangaluru



A J Institute of Engineering & Technology

TEQIP 1.3 SPONSORED

**Five Day National FDP
On
3D PRINTING
08th – 12th JULY 2019
Registration Form**

Name:.....
Organization:.....
Designation:.....
Affiliation:.....
.....
Contact No:.....
Email Id:.....

Accommodation Required: Yes / No

Date: **Signature of Applicant**

Sponsoring Certificate

This is to certify that
Dr/Mr/Ms..... of
.....
Department is being sponsored for attending three day
National FDP, organized by Department of Mechanical
Engineering, AJ Institute of Engineering & Technology
to be held on 08th -12th JULY 2019.

Date: **Signature & Seal
(Sponsoring Authority)**

REGISTRATION DETAILS

Registration for the participation in the FDP shall be sent through
Email: mechanical3dfdp@ajiet.edu.in given in the attached
format.

FDP URL: www.ajiet.edu.in/mechanical3dfdp

IMPORTANT DATES

Last date of receipt of application:	02 nd July 2019
Intimation of Selection (by Email):	05 th July 2019
Last date of confirmation by participants:	06 th July 2019

ACCOMODATION

Accommodation for the participants will be provided with the
nominal charges in the hostel on sharing based on demand and
availability.

VENUE

A J INSTITUTE OF ENGINEERING & TECHNOLOGY,
Mangaluru, Karnataka, India

ORGANIZING COMMITTEE

Chief Patron

Dr. Karisiddappa
Vice Chancellor, VTU, Belagavi
Dr. A. J. Shetty
President, LMET, Mangaluru

Patron

Mr. Prashanth Shetty
Vice President, LMET, Mangaluru
Dr. Satish Annigeri
Registrar (Evaluation), VTU, Belagavi
M. A. Sapna
Finance Officer, VTU, Belagavi
Dr. Shantharama Rai C
Principal, AJIET, Mangaluru
Dr. Shivakumar H R
Special Officer, VTU Extension Center, Mangaluru

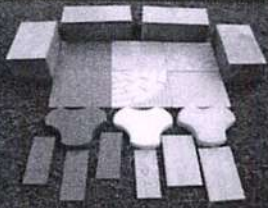
Convener

Dr. Rajesh Rai P
Professor & Head, Mech. Engg. Department, AJIET
Contact no: 7975558195
Email id: hodmechajiet@gmail.com

Co- Convener

Dr. Vighnesha Nayak
Asst. Professor, Mech. Engg. Department
Contact no: 9916917177
Email id: vighneshanayak@ajiet.edu.in
Mr. Vijaykumar H K
Asst. Professor, Mech. Engg. Department
Contact no: 8050940728
Email id: vijaykumarhk@ajiet.edu.in
Advisory Committee
Dr. Srikantha Rao S
HOD, Professor, Mechanical Engineering, NITK
Dr. K V Gangadharan
Professor, Mechanical Engineering, NITK
Dr. Anotony P J
HOD, Computer Science & Engineering, AJIET
Dr. Nagesh H R
HOD, Information Science & Engineering, AJIET
Prof. Prakash K Shetty
HOD, Electronics & Communication Engineering, AJIET
Prof. Vinod T D'Souza
HOD, Civil Engineering Department, AJIET
Dr. Kishore D Shetty
HOD, Chemistry, AJIET
Dr. Sujaya C
HOD, Physics, AJIET
Dr. Shantha Kumari
HOD, Mathematics, AJIET
Dr. Sangeetha D M
Civil Engineering Department, AJIET
Dr. Sadananda Kumar N
Physics Department, AJIET
Dr. Shobitha Shetty
Chemistry Department, AJIET
Dr. Rithin Kumar N B
Physics Department, AJIET
Program Committee
Mr. Prashanth D A
Mech. Engg. Department
Mr. Nithin Shet
Mech. Engg. Department
Mr. Sudheer Kini
Mech. Engg. Department
Mr. Prakhyath Jain
Mech. Engg. Department
Mr. Karthik A V
Mech. Engg. Department

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A.J. Institute of Engineering & Technology
Mangaluru - 575 006



CSIR-CBRI WEBINAR SERIES 5.0

Under the aegis of CSIR Integrated Skill Initiative

WASTE TO WEALTH IN INFRASTRUCTURE DEVELOPMENT – A WAY FORWARD



INAUGURAL ADDRESS



Dr. N. Gopalakrishnan
Director



Prof. S.K. Singh
Sr. Principal Scientist



Er. Reyazur Rahaman
Scientist



Er. Rajesh Kumar
Scientist



Dr. Santha Kumar
Scientist



Dr. Prabhat Vashishtha
Research Associate

SPEAKERS



September 14-18, 2020

Timings @ 11:00AM - 11:45AM

MENTORS

Dr. R. Dharmaraju
Chief Scientist

Prof. S.K. Singh
Sr. Principal Scientist

Ar. S.K. Negi
Chief Scientist

Organized by:

Skill Development Group
CSIR-Central Building Research Institute
Roorkee-247667, Uttarakhand
Email : sdg@cbri.gov.in; Mob: 7060759075

Link for joining us: <https://meet.google.com/gkp-ooyk-taa>

OPEN TO ALL - E-Certificate will be given to participants who will attend all the sessions

DATE	TITLE
September 14, 2020, Monday	Waste Utilization in Construction: CSIR-CBRI Experiences - <i>Prof. S.K. Singh</i>
September 15, 2020, Tuesday	Fly Ash Utilization in Sustainable Geopolymer concrete Production- <i>Er. Reyazur Rahaman</i>
September 16, 2020, Wednesday	Utilization of C&D Wastes for building Infrastructure Applications - <i>Dr. Santha Kumar</i>
September 17, 2020, Thursday	Sustainable Utilization of Paper Industry Solid Wastes in Construction - <i>Dr. Prabhat Vashishtha</i>
September 18, 2020, Friday	Sustainable Lightweight Building Products/Technologies from wastes - <i>Er. Rajesh Kumar</i>

Principal
A.J. Institute of Engineering & Technology,
Mangaluru - 575 006



CSIR - GBRI WEBINAR SERIES 13.0

Organized under the aegis of CSIR Integrated Skill Initiative



Recent Advances in Sustainable Construction Materials

July 15-17, 2021

Timings @ 11:00AM - 01:30PM

INAUGURAL ADDRESS



Dr. N. Gopalakrishnan
Director

SPEAKERS



Prof. S.K. Singh
Sr. Principal Scientist



Dr. L.P. Singh
Sr. Principal Scientist



Dr. Rajesh Sharma
Sr. Scientist



Dr. S.K. Kirthika
Post Doctoral Fellow



Ms. Jyoti
Research Scholar



Ms. M. Surya
Marie Curie Fellow



Technical Sessions

- ❖ Sustainable Construction Materials
- ❖ Nano Engineered Concrete
- ❖ Steel Slag as Composite Cement
- ❖ Eco-Cements from 21st Century
- ❖ Sustainable Anti-microbial Solutions
- ❖ Mineral Wastes as Cementitious Binders



COORDINATOR



Dr. R. Dharmaraju
Chief Scientist

MODERATOR



Er. Ashish Pippal
Scientist

Link for joining us : <https://meet.google.com/bwc-xzuf-vtr>

OPEN TO ALL : E-Certificate will be given to participants who will attend all the sessions

Organized by:
Skill Development Group
CSIR-Central Building Research Institute
Roorkee-247667, Uttarakhand
Email : sdgcbri@gmail.com ; Mob: 7060759075

Principal
A.J. Institute of Engineering & Technology
Mangaluru - 575 006

DEPARTMENT OF CIVIL ENGINEERING

(UG Civil Engineering Program, NMIT is NBA accredited (Tier 1) upto 2023)

Five Day Faculty Development Program (Online) on

“Environmental Engineering and Sustainability- Research, Technologies and Challenges”



In association with

**Skill Council for Green Jobs, Govt. of India &
 Prakruthi Institute of Environmental Studies**



Program Schedule

Date	Speaker Details	Timings	Topic
Day-1			
27-02-2023	Inaugural Function	9:30 AM-10:30 AM	
	Tea Break		
	Dr. D R Ravi Sr. Environmental Officer Karnataka State Pollution Control Board (KSPCB)	11:00 AM - 12: 30 PM	Sustainable Water Treatment and Government Norms
	Lunch Break		
	Mr. D R Kumarswamy Retd. Senior Environmental Officer (KSPCB), Enviro Care Cell Head Office and SEO Bengaluru North Office	1:30 PM- 3:00 PM	Sustainable development plan as per UNEP & Waste Recycling
	Dr. Bhibuthi Bhusan Das Associate Professor NITK Surathkhal	3:15 PM- 4:30 PM	Sustainable Construction
Day-2			
28-02-2023	Dr. Ananth Kodavasal Director, Ecotech Engineering Consultancy, Bengaluru	10:30 AM - 12:00 PM	Review of STP technologies for small scale plants
	Lunch Break		
	Mr. Vikas Brahmavar Director, Trans Water System Pvt. Ltd, Bengaluru	01: 30 PM - 03: 00 PM	Making Cities Sustainable in terms of Water

Principal
 A.J. Institute of Engineering & Technology
 Mangaluru - 575 006

www.nmit.ac.in

DEPARTMENT OF CIVIL ENGINEERING

(UG Civil Engineering Program, NMIT is NBA accredited (Tier 1) upto 2023)

Program Schedule

Date	Speaker Details	Timings	Topic
Day-3			
01-03-2023	Dr. D Nagesh Kumar Professor, Indian Institute of Science (IISc)	10:30 AM- 12: 00 PM	Deep Learning and its Applications in Civil Engineering
	Lunch Break		
	Dr. Rajesh Gopinath Associate Professor, BMSIT Bengaluru	01: 30 PM- 03: 00 PM	Need for Climate Sustainability in Smart Cities
Day-4			
02-03-2023	Dr. Madhavi Latha G , Professor, IISc, Bengaluru	10:30 AM - 12:00 PM	Geosynthetics for Sustainability
	Lunch Break		
	Dr. Krishnamurthy M P Climate Change Analyst General Mills Minneapolis, MN, HQ, USA	1: 30 PM - 3: 00 PM	Environmental, Social, and Governance Factors – A Rapidly Evolving Landscape
Day-5			
03-03-2023	Mr. Shekar Prabhakar Co-Founder and CEO at Hasiru Dala Innovations Pvt. Ltd. Bengaluru	10:30 AM - 12:00 PM	Inclusive Circularity (TM) : Enabling the Circular Economy for a Just Free Transition to a Waste Free World
	Lunch Break		
	Dr. Shivakumar Babu Professor, Indian Institute of Science (IISc)	1: 30 PM - 3: 00 PM	Role of Municipal Solid Waste (MSW) Characteristics in landfill design and remediation of dumps
Valedictory Program (3:00 PM- 3:30 PM)			

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Cordially Invites you for the inauguration of

5-Day
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Chief Guests

Dr. D. R. Ravi
Sr. Environmental Officer,
KSPCB

Prof. N.R. Shetty
Chancellor,
Central University of Karnataka

Guests of Honor

Dr. H. C. Nagaraj
Principal, NMIT

Mr. Rohit Punja
Administrator, NMIT

Prof. V. Sridhar
Dean-Academic, NMIT

Convener

Dr. Bharathi Ganesh
Professor & Head
Dept. of Civil Engineering
NMIT

Coordinators

Dr. Megha N Kulkarni
Assoc. Professor
Dept. of Civil Engineering
NMIT

Dr. Sumaraj
Asst. Professor
Dept. of Civil Engineering
NMIT

Mrs. Mrinal B
Asst. Professor
Dept. of Civil Engineering
NMIT



27th February, 2023
Time: 09:30 A.M.

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5-Day
Faculty Development Program (Online) on

Environmental Engineering & Sustainability- Research, Technologies and Challenges

Program Schedule

Welcome	9:30 AM – 9:35 AM	Dr. Megha Kulkarni N, Assoc. Professor, Dept. of Civil Engineering, NMIT
Invocation	9:35 AM – 9:40 AM	Ms. Sriranjini, Student, NMIT
About the Program	9:40 AM – 9:45 AM	Dr. Bharathi Ganesh, Professor & Head, Dept. of Civil Engineering, NMIT
Address by Chief Guest	9:45 AM -9:50 AM	Dr. D R Ravi, Sr. Environmental Officer, KSPCB
Address by Dean	9:50 AM- 9:55 AM	Dr. V Sridhar, Dean- Academic, NMIT
Address by Administrator	9:55 AM – 10:00 AM	Mr. Rohit Punja, Administrator, NMIT
Address by Principal	10:00 AM -10:05 AM	Dr. H C Nagaraj, Principal, NMIT
Vote of Thanks	10:05 AM -10:10 AM	Mrs. Mrinal B, Asst. Professor, Dept. of Civil Engineering, NMIT

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**DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING**

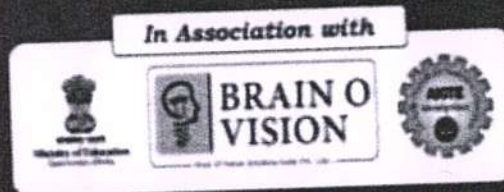
National Level

FDP on Cloud Infrastructure

One Week Faculty Development Program

Select Host College as "Adichunchanagiri Institute of Technology"

**21st - 25th
Aug. 2023
7:00pm - 8:00pm**



FDP Registration



<https://rzp.io/vzdCaP8s>

Virtual Mode

Chief Guest

Dr. Buddha Chandrashekhar

Chief Coordinating Officer - AICTE

Speakers

Mr. Ganesh Nag D

Founder & CEO - Brainovision

Ms. Yasaswi S

Resource Person - Brainovision

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Presents

Online STC/FDP on "Nanosensors and Devices"

From 22 – 26 August, 2022

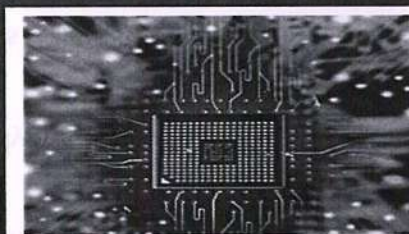
About the Program:

The aim of this course is to train faculty members, scientists, and industrial personnel on various aspects of Nanosensors and Devices. The fundamental principles guiding the advances in these areas will be presented.

Note:

1. For participants of remote centers (A. J. Institute of Engineering and Technology Mangaluru, Karnataka) from AICTE-approved technical institutions (Engineering & Polytechnic) there is **no course fee**.
2. However, students have to pay Rs 590/- (inclusive of GST). The faculty members from non-AICTE approved institutes and other category of participants have to pay fee as per NITTTR Chandigarh rules (i.e., Rs. 5900/- or as applicable).
3. There will be **3 sessions (1.5 h each) per day**. At 9:30 am starting day of the training
4. All lectures/sessions will be arranged/delivered in **Online/ICT mode**.

Register at <https://fdp.nitttrchd.ac.in/backingup/>



Co-ordinators:

1. Dr. Laxmi Gulappagol, *Assc. Prof, Dept. of CSE, AJIET,*
laxmigusulappagol@gmail.com, 9886552411
2. Dr. Rithin Kumar N. B, *Asst. Prof, Dept. of Applied Science, AJIET,*
rithinkumar@ajiet.edu.in, 9964737041

Vision of Institution: To produce top-quality engineers who are groomed for attaining excellence in their profession and competitive enough to help in the growth of nation and global society.

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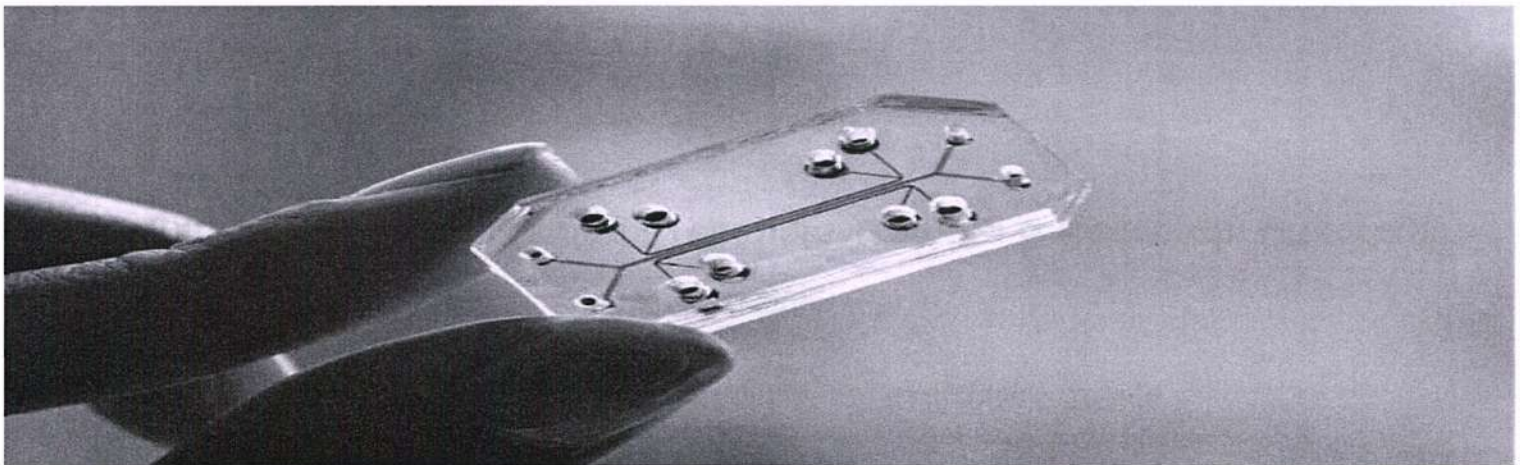
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Steps for applying STC/FDP on "Nanosensors and Devices"

- Step 1:** All participants are required to create their online account through one time registration as new user. <https://fdp.nittrchd.ac.in/backingup/partiregister.php>
After registration, participants: **a)** can Manage/Update their profile. **b)** Apply for Training Programme **c)** View all the Trainings they have applied and attended.
- Step 2:** Verify mobile no through OTP. (Without mobile no verification participants will not be able to login to their account)
- Step 3:** After login, participant has to click on Apply for STC menu in the left panel.
- Step 4:** Select the Department (**APPLIED SCIENCE**) and Mode (**ONLINE MODE**) to search the Course and SUBMIT
- Step 5:** Apply for the desired Training/Short Term Course: **ICT-95 "Nanosensors & Devices"**.
- Select the Occupation
 - Select the venue from where you want to attend the course as "From Registered Remote Center"
 - Select the **Remote Center** as "A J Institute of Engineering and Technology, Mangaluru, Karnataka"
 - Select Whether you are Faculty/Staff/Student of AICTE approved Technical Institute or Govt./Private Technical Universities.
- Step 6:** Download Application form under STC Applied menu in the left panel, print it, get it duly signed by Competent Authority of your Institution.
- Step 7:** Upload the signed Application form/sponsorship letter under upload sponsorship menu in the left panel.
- Step 8:** Confirmation to the participants will be sent by the program coordinator.
- Step 9:** All confirmed participants must Join online / offline (as per the mode of course conduct) **at 9:30 am on the starting day** of the training.
- Step 10:** After successful completion of the course, participants can download completion certificate of Short-Term Courses/Faculty Development Program.



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