

6.3.2

Sample brochures, resource person details, participation certificates of workshops/conferences attended by the faculty members

REPORT ON
A
FACULTY DEVELOPMENT
PROGRAMME
On
"Amazon Web Services"

Date: 22-08-2022 to 27-08-2022



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.



August 22nd to 27th, 2022
06:30 to 08:00 PM

ONE WEEK NATIONAL LEVEL
FACULTY DEVELOPMENT PROGRAM
on Amazon Web services **aws**

The objective of the Faculty Development Program is to provide an opportunity to the teachers of the Universities and Colleges to pursue their academic/research activities leading to the award of M. Phil./Ph. D., degree.

FREE REGISTRATIONS ARE OPENED FOR FACULTY

ONE WEEK
200+ Colleges
10,000+ Faculty

BRAIN O VISION In Association with

<https://brainovision.in/fdp-faculty>

Faculty can only Register here
Attendees will be getting the FDP participation certificate by AICTE & BOV
Last Date: 20-08-2022

REGISTER NOW

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DR BUDDHA CHANDRASHEKHAR
Chief Coordinator - AICTE
Honorable Chief Guest - for Event

Brief Report of the Event:

Amazon Web Services (AWS) is a comprehensive and widely used cloud computing platform offered by Amazon.com. AWS provides a vast array of cloud services, including computing power, storage options, databases, machine learning, analytics, content delivery, Internet of Things (IoT), security, and more. AWS enables organizations to build, deploy, and manage applications and infrastructure in a flexible, scalable, and cost-effective manner.

Key components and services of AWS include:

Compute Services:

Amazon EC2 (Elastic Compute Cloud): Provides resizable compute capacity in the form of virtual servers.

AWS Lambda: Enables serverless computing, allowing you to run code in response to events without managing servers.

Storage Services:

Amazon S3 (Simple Storage Service): Object storage for storing and retrieving data.

Amazon EBS (Elastic Block Store): Block storage for use with EC2 instances.

Amazon Glacier: A low-cost storage service for archiving data.

Database Services:

Amazon RDS (Relational Database Service): Managed relational databases for various database engines.

Amazon DynamoDB: A NoSQL database service.

Amazon Redshift: A fully managed data warehousing service.

Networking:

Amazon VPC (Virtual Private Cloud): Allows you to create isolated network environments.

Amazon Route 53: A scalable domain name system (DNS) web service.

Analytics and Big Data:

Amazon EMR (Elastic MapReduce): Managed Hadoop and Spark clusters.
Amazon Athena: An interactive query service for analyzing data in Amazon S3.
Amazon QuickSight: A business intelligence and visualization tool.
Machine Learning and AI:
Amazon SageMaker: A fully managed machine learning service.
Amazon Rekognition: Image and video analysis service.
Amazon Comprehend: Natural language processing service.
Security and Identity:
AWS IAM (Identity and Access Management): Manages user access and permissions.
Amazon GuardDuty: Managed threat detection service.
AWS WAF (Web Application Firewall): Helps protect web applications from common web exploits.
Developer Tools:
AWS CodeCommit: A fully managed source control service.
AWS CodeBuild: A fully managed build service.
AWS CodeDeploy: Automates code deployments to various compute services.
Internet of Things (IoT):
AWS IoT Core: Connects IoT devices to the cloud.
Amazon FreeRTOS: An operating system for microcontrollers.
Content Delivery and CDN:
Amazon CloudFront: Content delivery network (CDN) for fast and secure delivery of data and websites.
AWS has data centers in multiple regions around the world, allowing users to deploy resources in geographically diverse locations to improve availability and redundancy. Users are billed based on their actual usage of AWS resources, which makes it cost-effective for both startups and large enterprises.
AWS is known for its scalability, reliability, and a wide range of services, making it a popular choice for businesses looking to leverage cloud computing for their applications and infrastructure needs.



Signatures of the Faculty attended:

1. Mrs. K Sravani -



HOD
Head of The Department
Electrical & Electronics Engg
GIET(A), RAJAHMAHENDRAVARAM

REPORT ON
A
FACULTY DEVELOPMENT
PROGRAMME
On
"5-day Face-to-Face UHV-II "

Date: 16-08-2022 to 20-08-2022



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.

Brief Report of the Event:

Objectives of UHV-II Course

This introductory course input is intended:

1. To help the students appreciate the essential complementarity between 'VALUES' and 'SKILLS' to ensure sustained happiness and prosperity which are the core aspirations of all human beings.
2. To facilitate the development of a Holistic perspective among students towards life and profession as well as towards happiness and prosperity based on a correct understanding of the Human reality and the rest of existence. Such a holistic perspective forms the basis of Universal Human Values and movement towards value-based living in a natural way.
3. To highlight plausible implications of such a Holistic understanding in terms of ethical human conduct, trustful and mutually fulfilling human behaviour and mutually enriching interaction with Nature.

Thus, this course is intended to provide a much-needed orientational input in value education to the young enquiring minds.

Salient Features of the Course

The salient features of this course are:

1. It presents a universal approach to value education by developing the right understanding of reality (i.e. a worldview of the reality "as it is") through the process of self-exploration.
2. The whole course is presented in the form of a dialogue whereby a set of proposals about various aspects of the reality are presented and the students are encouraged to self-explore the proposals by verifying them on the basis of their natural acceptance within oneself and validate experientially in living.
3. The prime focus throughout the course is toward affecting a qualitative transformation in the life of the student rather than just a transfer of information.
4. While introducing the holistic worldview and its implications, a critical appraisal of the prevailing notions is also made to enable the students discern the difference on their own right.

2-COURSE TOPICS

The course has **28 lectures** and **14 tutorials** in 5 modules. The lectures and tutorials are of 1-hour duration. Tutorial sessions are to be used to explore and practice what has been proposed during the lecture sessions.

The Teacher's Manual provides the outline for lectures as well as practice sessions. The teacher is expected to present the issues to be discussed as propositions and encourage the students to have a dialogue.

The syllabus for the lectures and practice sessions is given below:

Module 1 – Introduction to Value Education (6 lectures and 3 tutorials for practice session)

Lecture 1: Right Understanding, Relationship and Physical Facility (Holistic Development and the Role of Education)

Lecture 2: Understanding Value Education

Tutorial 1: Practice Session PS1 *Sharing about Oneself*

Lecture 3: Self-exploration as the Process for Value Education

Lecture 4: Continuous Happiness and Prosperity – the Basic Human Aspirations

Tutorial 2: Practice Session PS2 *Exploring Human Consciousness*

Lecture 5: Happiness and Prosperity – Current Scenario

Lecture 6: Method to Fulfil the Basic Human Aspirations

Tutorial 3: Practice Session PS3 *Exploring Natural Acceptance*



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that **Mr. Adapa Sudheer Kumar** from **Godavari Institute of Engineering and Technology, Rajamahendravaram** has participated and successfully completed the **5-day Face-to-Face UHV-II FDP** organized by **All India Council for Technical Education (AICTE)** at **JNTUA College of Engineering, Kalikiri** from **16th August to 20th August 2022**.

Dr. Rajneesh Arora
Chairman
National Coordination Committee for Induction Program

Prof. Rajive Kumar
Member Secretary, AICTE

Signatures of the Faculty attended:

1. Mr. A Sudheer Kumar -

HOD
Head of The Department
Electrical & Electronics Engg
GIET(A), RAJAHMAHENDRAVARAM

REPORT ON
A
International Conference
On
"ICIET 2022: 10th International Conference on
Information and Education Technology"

Date: 15-09-2022 to 17-09-2022



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.



Brief Report of the Event:

ABOUT ICIET 2022 INTERNATIONAL CONFERENCES

2022 10th International Conference on Information and Education Technology

2022 10th International Conference on Information and Education Technology (ICIET 2022) was planned to be in Matsue, Japan, co-sponsored by co-sponsored by IEEE and Shimane University (Japan), technically supported by Okayama University (Japan), etc .

After careful consideration and in light of the global health emergency and pervasive travel restrictions, the organizing committee has made a tough decision and convert ICIET 2022 into an onsite conference (local attendees) blended with virtual mode (foreign attendees). Delegates who cannot attend the meeting due to the epidemic situation have participated in the web conference session or video conference session, etc.

ICIET 2022 conference proceedings have been included into IEEE Xplore, and indexed by Ei Compendex and Scopus.





On behalf of Shimane University, Japan, the local organizing committee, Prof. Akimitsu Kanzaki delivers warmly welcome to all attendees. Following opening remarks, Prof. Shaoying Liu (FIEEE) from Hiroshima University, Japan, Prof. Irwin King (FIEEE) from The Chinese University of Hong Kong, Prof. Jingyi Yu (FIEEE) from ShanghaiTech University, Prof. Xiangjian He from University of Technology Sydney to present keynote talks respectively.

Moreover the conference was composed of 1 Workshop at Matsue, Japan, Onsite Presentation with topic "Information and Education Technology" and 7 technical oral online sessions. Each parallel session went through smoothly and a "Best Presentation" award was issued at the end of sub-conference, with the support of session chairs.

Best Presentations as below:

Onsite Session: Information and Education Technology

"Japanese University Students' Experience, Attitudes and Perceived Effectiveness of Watching Gameplay for Language-learning Purposes"

T042-A—Shawn Andersson, Ritsumeikan University, Japan





Signatures of the Faculty attended:

1. Dr. D Ravikishore -



2. Mrs. K Sravani -



3. Dr. B Kavya Santhoshi -




HOD
Head of The Department
Electrical & Electronics Engg
GIET(A), RAJAHMAHENDRAVARAM

REPORT ON
A
International Conference
On
"International Conference on Intelligent and
Innovative Technologies in Computing, Electrical
and Electronics IEEE – ICIITCEE– 2023"

Date: 27-01-2023 to 28-01-2023



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.



International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics

Venue: BNM Institute of Technology, Bengaluru, India



IEEE Technically sponsored
International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics
IEEE – ICIITCEE– 2023

IEEE Record No: #57236; Part Number: CFP23DA7-USB; ISBN: 978-1-8654-9259-1

Date : 27-28 January 2023

Venue: BNM Institute of Technology, Bengaluru, Karnataka, India

<<< Apologies for cross-postings.>>>
<<<Please circulate among your colleagues, friends, peers, students, researchers and to the nearby universities and colleges >>>

CALL FOR PAPERS and CALL FOR SPECIAL SESSIONS

Dear Researcher,

Subject : Call for papers [CFP] - Last date of submission 27-October-2022
Call for Special Sessions [CFSS] - Last date of submission 31-August-2022

IEEE technically sponsored International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (IEEE - ICIITCEE 2023) will be held at BNM Institute of Technology, Bengaluru, Karnataka, India from 27-28 January 2023 a prestigious institution in India.

BNM Institute of Technology established in the year 2001. Leader in the field of education, providing the most modern education while maintaining the rich heritage of the great India. In a short period recognized as one of the best institution in India. It is providing education from Montessori to Engineering and Technology.

Objective of the conference is to provide a common platform to researchers from all the fields of Engineering to exchange their views and ideas to develop smart technologies for the future.

Call for papers:

Original contributions based on the results of research and developments are solicited in the following **major topics**. Papers from other topics relevant to conference theme are also welcome.

- Computer Engineering
- Electrical Engineering
- Electronics Engineering
- Communication Engineering

Call for Special Sessions:

ICIITCEE will be hosting a series of special sessions. Each organized session will be with a minimum of **FIVE or more** papers that will be subject to regular review cycle by the session organizer. The session organizer will have full authority in soliciting and accepting papers for the session. But, final accepting and rejecting right lies with the General Chair of the conference.

Format to submit the Special session:

Submit the special session proposals in the following format to: chair@iitcee-conference.org

- Title of the Special Session
- Objective of the Special Session
- Topics of the Special Session
- Name and affiliation of the proposer (Chair)

Special Session Organizer Recognition:

- Honored with **CERTIFICATE** as proposer.
- Presented with a **MEMENTO**.
- **FREE ACCOMMODATION** to the organizer with minimum FIVE or more accepted papers (For one person).

All accepted and presented papers, including special session papers will become eligible for submission to the **IEEE Xplore Digital Library**.

Thanking you,

With Regards,

General Chair(s)
IEEE – ICIITCEE-2023
chair@icstcee-conference.org

Conference Web Site: <http://iitcee-conference.org/index.html>

Brief Report of the Event:

International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics (ICIITCEE 2023) is organized and hosted by BNM Institute of Technology, Bengaluru, India on 27 and 28 January 2023. This conference will feature a comprehensive technical program including several special sessions and workshops. The goal of ICIITCEE 2023 is to provide an outstanding forum for academicians, researchers, practitioners, policymakers and students to exchange ideas, techniques and tools, raise awareness, and share experiences related to all practical and theoretical aspects of intelligence and innovations in engineering.

ICIITCEE 2023 focuses on issues and solutions involving Intelligent and Innovative Technologies in Computing, Electrical and Electronics. Developments in the field of Computing, Electrical and Electronics are very complex and advance rapidly as changes occur on day to day basis. It is very difficult to make it available to all stakeholders (researchers, academicians, students, industrialists and society). Hence, the objectives of the conference are:

- ❖ To provide a platform to stakeholders to meet and share the ideas, views and new findings in the field of contemporary Computing, Electrical and Electronics.
- ❖ To provide a platform for stakeholders to meet and share ideas, views and new findings in the field of contemporary Computing, Electrical and Electronics.
- ❖ To strengthen the relationship with industries and academic institutions of Karnataka and Bengaluru and, with the rest of the world.
- ❖ To provide a space for students and researchers to meet, discuss, and learn with experts in the related field.
- ❖ To bridge the gap between the industry and academics.
- ❖ To promote a high level of interaction among stakeholders in theoretical, experimental, and applied concepts in the field of Computing, Electrical and Electronics.

Important Dates**Papers Submission**

Submission Deadline : 5th December 2022 (hard-deadline)

Acceptance Notification : 15 December 2022

Final Paper & Author Registration Closes : 27 December 2022

Conference : 27 - 28 January 2023



Signatures of the Faculty attended:

1. Mr. K Sivaprasad -




HOD
Head of The Department
Electrical & Electronics Engg
GIET(A), RAJAHMAHENDRAVARAM

REPORT ON
A
International Conference
On
**"5th International conference on Electrical, Computer
and Communication Technologies, Erode, India"**

Date: 22-02-2023 to 24-02-2023



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.

Call for Papers

Fifth Edition

International Conference

IEEE ICECCT 2023

22 - 24, February 2023 | Erode, Tamil Nadu, India

Paper submission OPEN now.

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icecct2023@gmail.com

2023 Fifth IEEE Sponsored International Conference on

Electrical, Computer and Communication Technologies

Publications

The proceedings of ICECCT 2023 will be forwarded for the possible publication in

IEEE Xplore

ISSN Numbers of the proceedings

978-1-6654-9350-4 (Xplore Compliant)

978-1-6654-9359-8 (Print)

978-1-6654-9358-1 (DVD)

Publications of the previous editions (2015 - 2021)

<https://ieeexplore.ieee.org/hpl/corhome/1860556/bil-proceedings>

Scopus

IEEE Xplore is currently indexed in Scopus & Web of Science

Organized by

Department of Electrical & Electronics Engineering
Velalar College of Engineering and Technology
Erode, Tamil Nadu, INDIA

ICECCT 2023

Brief Report of the Event:

The 2023 Fifth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2023) held at Erode, Tamil Nadu, India during 22 – 24, February 2023. Like the previous editions, the third edition of ICECCT also well received by the research and academic community around the world.

The 2023 Fifth International Conference on Electrical, Computer and Communication Technologies (ICECCT 2023) held at Erode, Tamil Nadu, India during 22 – 24, February 2023. Like the previous editions, the third edition of ICECCT also well received by the research and academic community around the world. ICECCT 2023 received more than 950 papers from 17 countries and around 250 papers have been registered for the conference and presented. Participants from more than 32 countries visited the ICECCT conference venue and presented their research articles together in all the four previous editions.



Advancing Technology for Humanity



2023 Fifth IEEE International Conference on Electrical, Computer and Communication Technologies

22 - 24, February 2023 | www.icecct.com

EE 1080

Paper Reviewed

This certificate is presented to



Dondapati Ravi Kishore
Department of Electrical and Electronics Engineering,
Godavari Institute of Engineering and Technology (A),
East Godavari District, Rajahmundry,
Andhra Pradesh, India

for presenting the research paper entitled "Z-Source Converter with Ultra Gain for Transformer-Less Fuel Cell Integrated Single Phase Grid System" in the 2023 Fifth IEEE International Conference on Electrical, Computer and Communication Technologies (ICECCT 2023) held at Velalar College of Engineering & Technology, Erode, Tamil Nadu, India during 22 - 24, February 2023. ICECCT 2023 has been organized jointly by the Department of Biomedical Engineering and Department of Electrical & Electronics Engineering.

CERTIFICATE

Dr. Thangaprakash Sengodan
Conference Chair

Dr. Sakthivel P
Organizing Chair

Dr. Jayaraman M
Principal





Signatures of the Faculty attended:

1. Mr. K Sivaprasad –



2. Dr. D Ravikishore -




HOD
 Head of The Department
 Electrical & Electronics Engg
 GIET(A), RAJAHMAHENDRAVARAM

REPORT ON
A
Faculty Development Program
On
"Recent trends in Electrical Engineering "

Date: 24-04-2023 to 28-04-2023



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, A.P.

Brief Report of the Event:***About the College:***

Dr. Lankapalli Bullayya College was established in the year 1973 by the “ Society for Collegiate Education “ located in the heart of Visakhapatnam city in a sprawling 10 acre campus by socially conscious eminent and philanthropic persons from different walks of life like Education, Indian Administrative Service and Business with a service motive and named the college in honour of Dr. Lankapalli Bullayya , who was the then Vice Chancellor of Andhra University . The college is affiliated to Andhra University and accredited by NAAC with ‘ A ’ grade . MBA, MCA and Engineering courses are approved by AICTE, New Delhi. The college is offering a wide range of programs from Intermediate (plus 2 level) to Post Graduation and Research.

The college has excellent infrastructure and state of the art equipment in Laboratories. Other facilities like Seminar halls, Libraries, Playfields, Bank / ATM etc are also available.

The college emphasizes on and encourages Sports , NCC, NSS to a great extent. We have a large pool of talented sports men / women who brought laurels to the college. Talent in Sports students is recognized and offered scholarships. The college offers on the campus NCC training in all the three wings. Army, Navy and Air Force. We also have an NSS unit on the campus that inculcate in students the sense of service.

The Skill Development Center is engaged in training the students in social and employable skills, that give a competitive edge to our students and are necessary for Placements and other competitive exams. The college offer placement services to our students. Every year more than 20 companies visit the campus for placement drives and nearly 250 of our out - going eligible students secure employment.

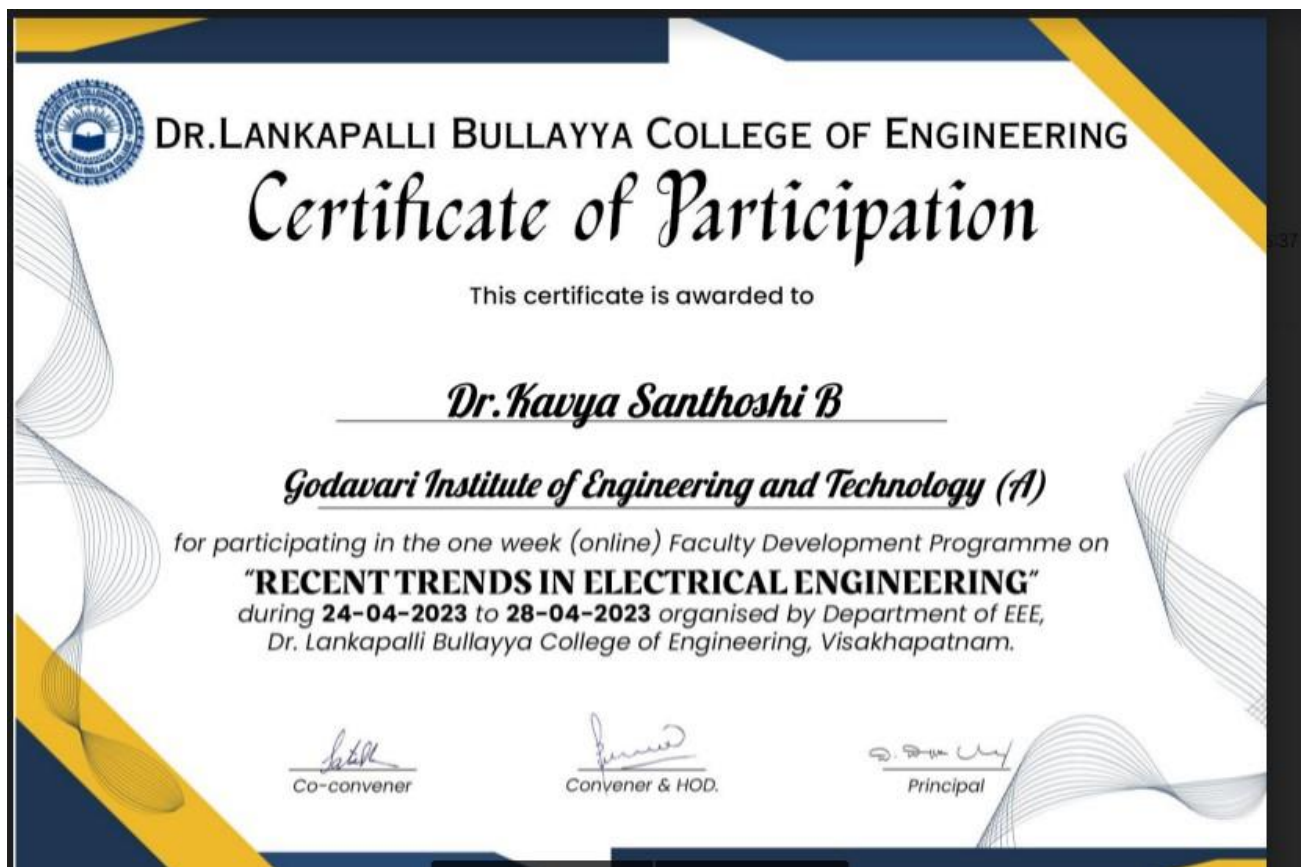
17.732,83.315. 52-14-75 Survey No:44,
National Highway 16,
Near Rama Talkies Rd
Resapuvanipalem,
Visakhapatnam, Andhra Pradesh 530013

0891-2701818

info@bullayyacollege.org

About the FDP:

Recent trends in electrical engineering include the rapid growth of renewable energy integration and energy storage solutions, the development of smart grids and IoT devices, advancements in power electronics for electric vehicles and renewable energy systems, increased use of AI and machine learning for system optimization, a focus on electrifying transportation and industrial processes, cybersecurity measures for critical electrical infrastructure, and ongoing research in 5G and beyond for wireless communication. These trends reflect the field's evolution towards sustainability, efficiency, and digitalization in various sectors, from energy generation to healthcare.



Signatures of the Faculty attended:

1. Dr. B Kavya Santhosh – *B. Kavya*



REPORT ON

Metric 6.3.2

Faculty Development Program

of

Academic Year 22-23



Department of Automobile Engineering

**GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
(AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Report on Successful Completion of "The Joy of Computing using Python" Course on Swayam NPTEL Course Program

1. Introduction:

This report details my successful completion of the "The Joy of Computing using Python" course offered through the Swayam NPTEL Course Program. The course provided an engaging and comprehensive exploration of Python programming, emphasizing its practical applications.

2. Course Details:

- **Course Title:** The Joy of Computing using Python
- **Platform:** Swayam NPTEL Course Program
- **Duration:** 2-1-2023 to 30-4-2023

3. Course Content:

The course covered a diverse range of topics related to Python programming, including but not limited to:

- Introduction to Python and its Syntax
- Data Types, Variables, and Operators
- Conditional Statements and Loops
- Functions and Modules
- File Handling and Data Structures
- Object-Oriented Programming in Python
- GUI Programming and Web Scraping
- Mini-Projects and Applications

4. Learning Experience:

The course offered a highly interactive and engaging learning experience. Video lectures, readings, and hands-on coding exercises were thoughtfully designed to facilitate comprehension of Python concepts. The instructors provided clear explanations and practical examples, making the learning process enjoyable and effective.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ARUNA KUNDA

for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **56** %

Online Assignments	25/25	Proctored Exam	30.86/75
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Total number of candidates certified in this course: 10672

Devendra Jalihal

Prof. Devendra Jalihal

Chairperson,
Centre for Outreach and Digital Education, IITM

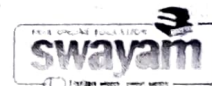
Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20533860164

To validate the certificate



No. of credits recommended: 3 or 4

K. Arora
Signature of Faculty

V. Subrah
Signature of HOD
Head of the Dept.
Automobile Engineering
GIET, RAJAHMUNDRY -A.P.
INDIA - 533 296

Report on Successful Completion of "The Joy of Computing using Python" Course on Swayam NPTEL Course Program

1. Introduction:

This report details my successful completion of the "The Joy of Computing using Python" course offered through the Swayam NPTEL Course Program. The course provided an engaging and comprehensive exploration of Python programming, emphasizing its practical applications.

2. Course Details:

- **Course Title:** The Joy of Computing using Python
- **Platform:** Swayam NPTEL Course Program
- **Duration:** 2-1-2023 to 30-4-2023

3. Course Content:

The course covered a diverse range of topics related to Python programming, including but not limited to:

- Introduction to Python and its Syntax
- Data Types, Variables, and Operators
- Conditional Statements and Loops
- Functions and Modules
- File Handling and Data Structures
- Object-Oriented Programming in Python
- GUI Programming and Web Scraping
- Mini-Projects and Applications

4. Learning Experience:

The course offered a highly interactive and engaging learning experience. Video lectures, readings, and hands-on coding exercises were thoughtfully designed to facilitate comprehension of Python concepts. The instructors provided clear explanations and practical examples, making the learning process enjoyable and effective.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PUTTA VENUGOPAL
for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **55** %

Online Assignments	21.78/25	Proctored Exam	32.81/75
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Total number of candidates certified in this course: **10672**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023

(12 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20544500148

To validate the certificate



No. of credits recommended: 3 or 4

Rat

Signature of Faculty

V. Seetha Reddy

Signature of HOD
Head of the Dept.

Automobile Engineering
GIET, RAJAHMUNDRY -A.P.
INDIA - 533 296

Report on Successful Completion of Machine Learning Course on Swayam NPTEL Course Program
From 2-1-2023 to 30-3-2023

The course covered a wide range of topics related to machine learning, including but not limited to:

- Introduction to Machine Learning and its Applications
- Supervised Learning: Regression and Classification
- Unsupervised Learning: Clustering and Dimensionality Reduction
- Model Evaluation and Selection
- Deep Learning and Neural Networks
- Natural Language Processing
- Case Studies and Practical Applications

1. Learning Experience:

Throughout the course, I had the opportunity to engage with high-quality video lectures, reading materials, and assignments. The instructors provided clear explanations and practical examples to illustrate complex concepts, making the learning experience both informative and enjoyable.

2. Assessment and Assignments:

The course included regular assignments, quizzes, and projects designed to test and apply the knowledge gained during the lectures. These assessments were instrumental in reinforcing the understanding of machine learning principles and techniques.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PUTTA VENUGOPAL
for successfully completing the course

Machine Learning

with a consolidated score of **54** %

Online Assignments	23.55/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **583**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Mar 2023

(8 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS11545640076

To validate the certificate



No. of credits recommended: 2 or 3

P. Venugopal

Signature of Faculty

V. Subrahmanyam

Signature of HOD

I Head of the Dept.
Automobile Engineering
GIET, RAJAHMUNDRY -A.P.
INDIA - 533 296

Report
on
Faculty Development Programme
On
Advances In Low Cost Automation and Robotic program designing
at
IGUS India Pvt. Ltd. 36/1, Survey No.
17/3, Hoodi, Industrial Area, Mahadevapura, Bengaluru

A one day faculty development programme on “**Advances in Low Cost Automation and Robotic program designing**” was held at the IGUS India Pvt. Ltd. 36/1, Survey No. 17/3, Hoodi, Industrial Area, Mahadevapura, Bengaluru, under the patronage of ARC on 26/08/2022. The FDP aims to provide opportunities of faculty member to enrich their teaching skill and research in the field of Low Cost Automation and Robotic program designing. The Programme also intend to develop the knowledge of participants for simulation with advanced software (Robolink Apiro) in the relevant field for inculcating learning values in students and guiding and monitoring their progress.

The FDP was attended by 30 participants of faculty members from various Engineering Colleges in and around Andhra Pradesh.



Theme of the Training Program:

The Goal of the workshop is to provide a forum for exchanging the ideas and share the knowledge on current Research challenges/issues in the real world with emerging areas of Use age of polymers in Low cost Automation, Robotics and its Applications. This FDP facilitates awareness on Robotics and understand and needs of Robotics in current scenario and innovate new robots with different case studies in order to solve real world problems.

TECHNICAL SESSIONS:

9:30 am– 10:30 am Session 1:

Mr. Santhosh K Jacob, Director and Country Manager, IGUS India PVT, Ltd. Bengaluru has delivered keynote address on "Low Cost Automation: Current status and Future prospects". In this session participants were learned the application of Polymers in Cost Automation

1. Low Cost Automation:

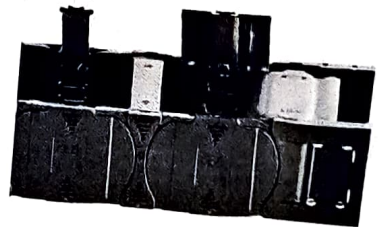
1.1 Energy chains (also called e-chains, drag chains or cable carriers) are mechanical machine elements. They are used to guide and protect cables, data and signals that have to withstand the most diverse environmental influences. E-chains or drag chain include cables, hoses, interior separation elements, strain relief devices and guide troughs.

The Below Images are having Following Advantages:

- Cable-friendly due to smooth contours
- Many options in terms of movement and length
- Low weight, modular, strong, quiet, easy to open
- Predictable service life
- Little easy-to-perform maintenance, easy to install



Small energy chains



Large energy chains



E-chain for robots

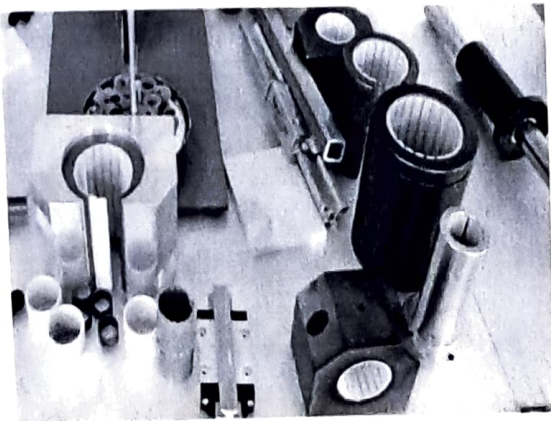
1.2 DryTech:

Plastic or Polymer bearings for future integrated Low Speed Automation applications". In this session participants were learned the advantages of dry tech Self lubricating bearing and sliding surface bearing.

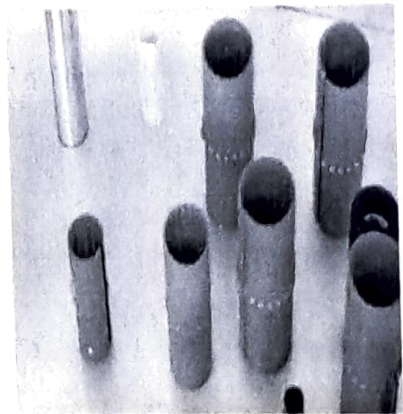
More than 50% of machine failures are caused by deficient lubrication.

Igus dry-tech bearings offer an alternative to lubricated plain and rolling bearings. Igus® develop stribo-polymers for continuous dry operation.

1. By avoiding lubrication, dry-tech polymer technology attains superior service from -100°C to $+250^{\circ}\text{C}$ continuous exposure,
2. From clean room to extreme dirt exposure,
3. From vacuum to extreme humidity.
4. Liner will be replaced instead of total bearing



Dry Polymer plastic bearing

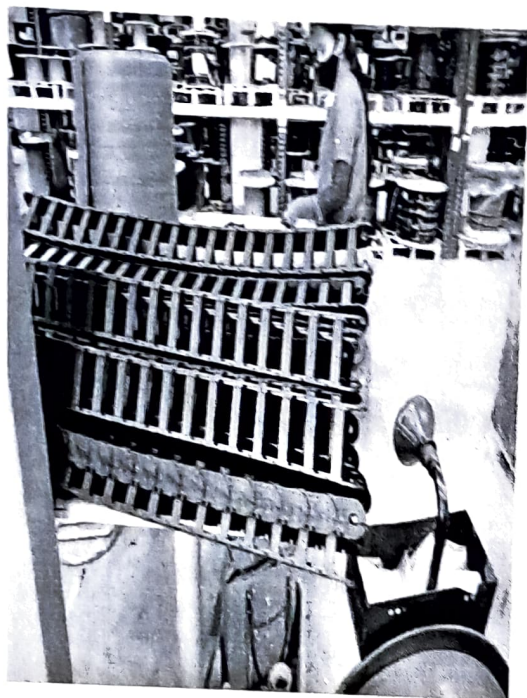


Bearing Surface Liner

10:30am- 11:30 am Session 2:

IGUS Assembly Unit Visit:

In this session participants were Visited Assembly Units and learned the step by step procedure of Drag Chain and Quality control testing and packing and Spare parts like bearing Liners.



E-Chains Large size Assembly



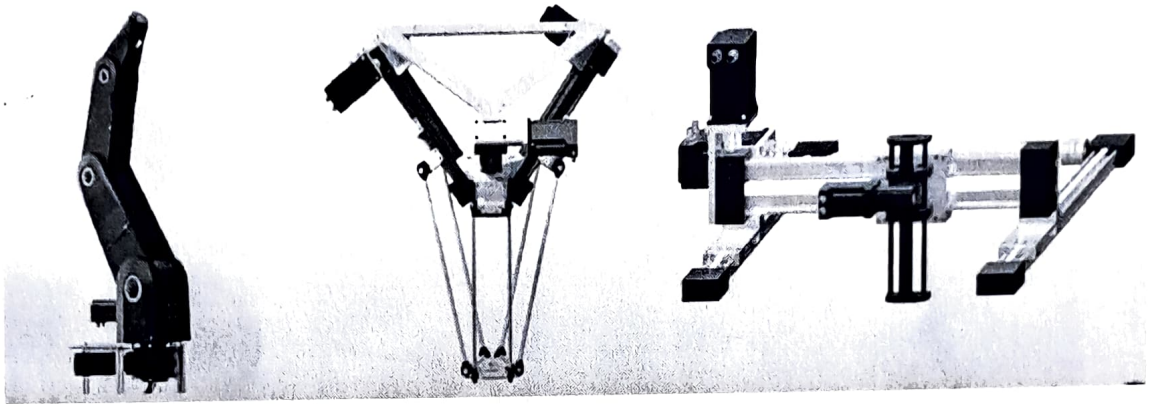
E-Chains Small size Assembly



Quality Control and Inventory Storage bin

11:30am- 1:00pm Session3:

Mr. GRagesh Kumar, Product Manager, IGUS India PVT,LTD at Bengaluru has delivered keynote address on "Working of different mechanisms present in Robot and different types of robots" and "RobolinkAspiro Programming : In this session participants were learned the application of Working of different mechanisms present in Robot and Different tools and commands present in Robolink Software.



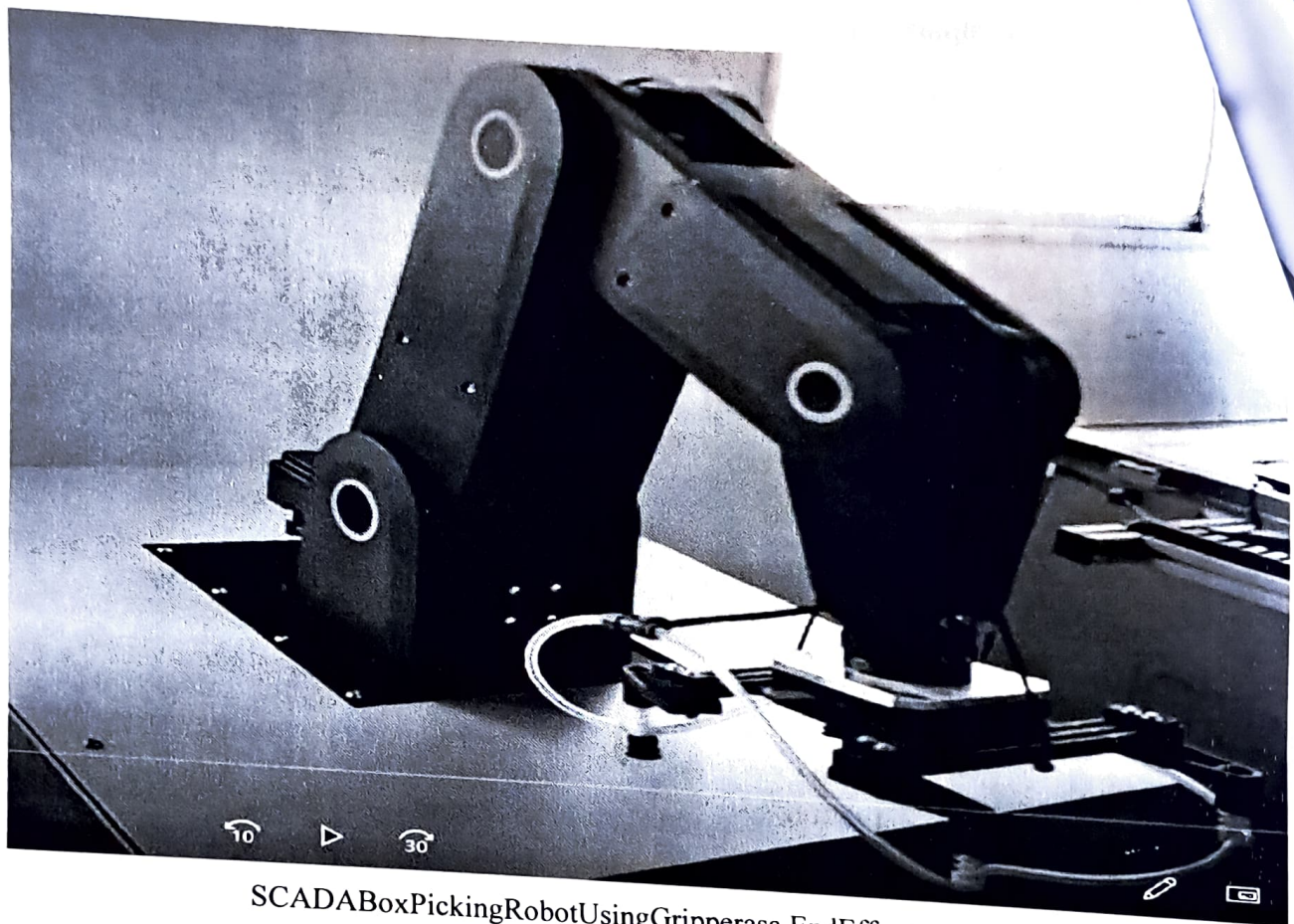
Different types of Robot SCARA, Delta and Gantry Robot



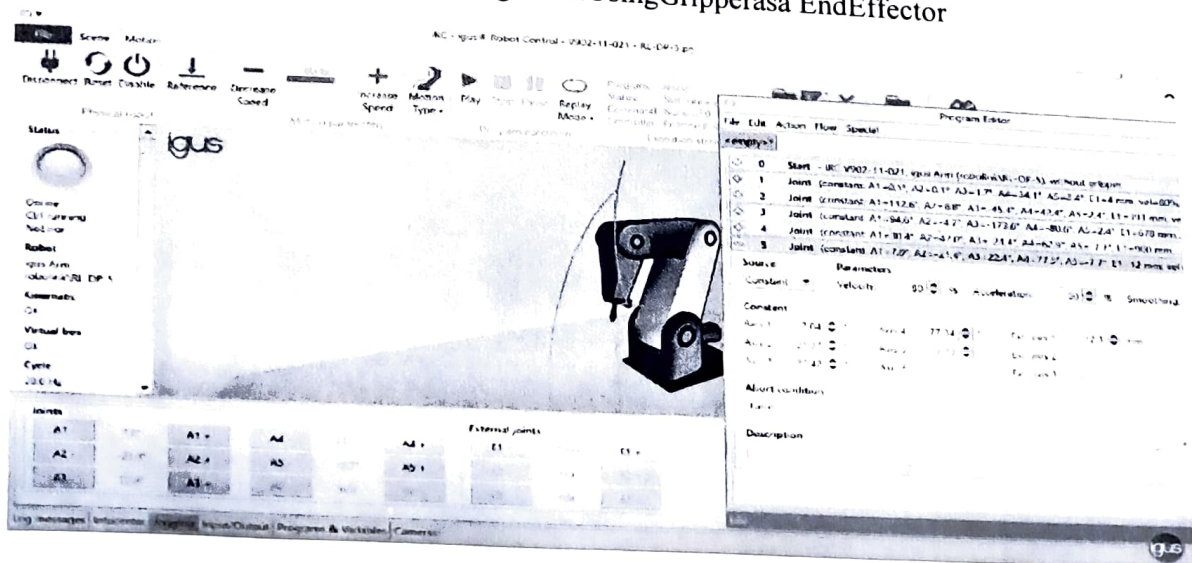
Live Session by Mr. GRagesh Kumar Related to Different Robots

2:00 pm-4:00 pm Session 4

Mr. Ragesh demonstrated an live session by taking an example of SCADA box picking robot from one point to another.



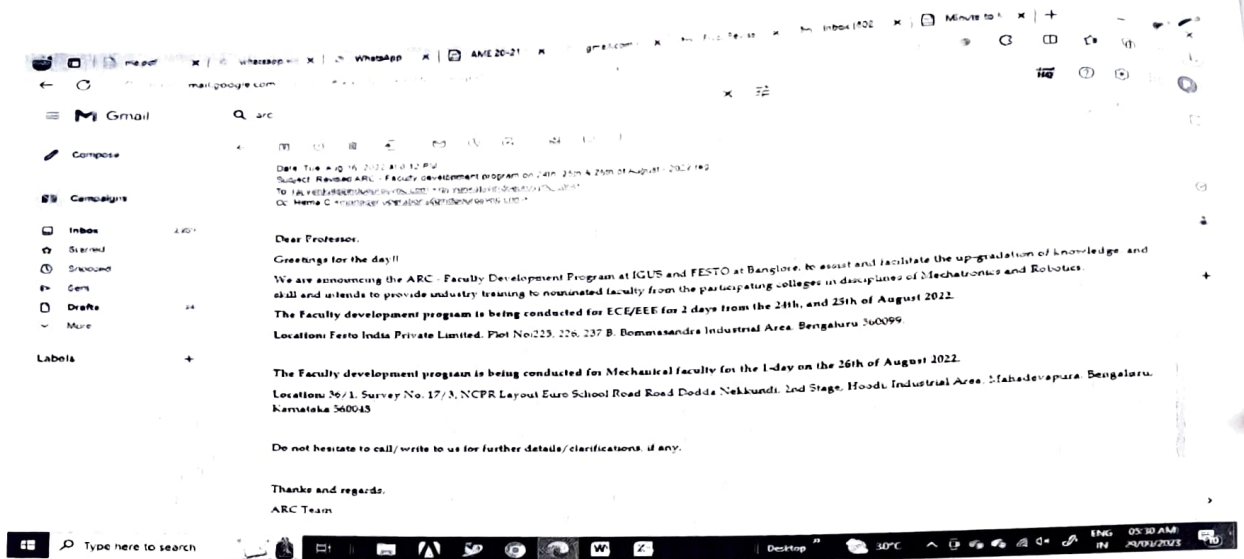
SCADA Box Picking Robot Using Gripper as a End Effector



Robo-Link Software Graphical User Interface



OUTCOME : All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the current working domain. Participants were enlightened with the most widely used advance technologies in this domain. This in turn will help in research activity and placement opportunity for students.



FDP Participation Certification for the year - 2022

This Certificate Is Presented To

Mr. P. Venugopal

Godavari Institute of Engineering and Technology, Rajahmundry, India

has participated in the

Applied Robotic Control Faculty Development Program from 26th August 2022
under the initiative of "Indo-European Skilling Cluster for Mechatronics and Manufacturing"

by

Indo-Euro Synchronization

at

Igus India Pvt. Ltd

Bengaluru, India.



[Signature]

Mr. Raj Vangapandu
President, MD
Indo-Euro Synchronization



IEB ACADEMY
Enriching Qualitative Activities



Indo-Euro Synchronization
Education and Research Resources

[Signature]

Signature of Faculty

[Signature]

Head of the DMO
Automobile Engineering
GIET, RAJAHMUNDY -A.P.
INDIA - 533 296

Report on Successful Completion of Additive Manufacturing Course on Swayam NPTEL Course Program

From 1-07-2022 to 30-10-2022

Executive Summary

This report provides an overview and analysis of the "Additive Manufacturing" course offered by the Swayam NPTEL Course Program. The course's objectives, content, outcomes, and the impact of successful completion on learners are discussed. Additionally, the report highlights the importance of additive manufacturing in the context of modern technology and industry.

Introduction

Additive Manufacturing (AM), often referred to as 3D printing, is a transformative technology that has revolutionized various industries, including aerospace, healthcare, automotive, and manufacturing. The NPTEL platform, in collaboration with expert educators and institutions, offers a comprehensive course on Additive Manufacturing to educate and upskill learners in this cutting-edge field.

Course Objectives

The "Additive Manufacturing" course on Swayam NPTEL is designed to achieve the following objectives:

1. **Educational Excellence:** To provide learners with a high-quality educational experience through expert-led content and materials.
2. **Skill Development:** To equip participants with the knowledge and skills required to understand, operate, and innovate in the field of additive manufacturing.
3. **Industry Relevance:** To bridge the gap between academic knowledge and practical application, ensuring that graduates are job-ready in industries that employ AM technologies.
4. **Innovation:** To foster an environment of innovation and creativity among learners, encouraging them to explore the full potential of additive manufacturing in various domains.

Course Content

The Additive Manufacturing course on NPTEL covers a wide range of topics, including but not limited to:

- **Introduction to Additive Manufacturing:** Understanding the basics and history of AM technologies.
- **Types of Additive Manufacturing:** Exploring various AM techniques, such as Fused Deposition Modeling (FDM), Stereolithography (SLA), and Selective Laser Sintering (SLS).

- **Materials for AM:** Studying materials used in AM processes, their properties, and selection criteria.

There are now announcements since your last visit. Please have a look.

Course outline

How does an NPTEL online course work?

Week 1: Introduction to Additive Manufacturing

Week 2: Computer Aided Process Planning for Additive Manufacturing

Week 3: Computer Aided Process Planning for Additive Manufacturing

Week 4: Liquid Additive Manufacturing

Week 5: Liquid Additive Manufacturing

Week 6: Sheet Additive

NPTEL: Exam Registration is open now for July 2023 courses!

2023-06-28

Dear Candidate,

Here is a golden opportunity for those who had previously enrolled in this course during the July 2022 semester, but could not participate in the exams or were absent/did not pass the exam for this course. This course is being reoffered in July 2023 and we are giving you another chance to write the exam in October 2023 and obtain a certificate based on NPTEL norms. Do not let go of this unique opportunity to earn a certificate from the IITs/IISc.

IMPORTANT instructions for learners: Please read this carefully.

1. The exam date for this course: Oct 29, 2023
2. [CLICK HERE](#) to register for the exam.
- Please fill the exam form using the [SAGE Enrolled email id](#) & make fee payment via the form as before.
3. Choose from the Cities where exam will be conducted: Exam Cities.
4. You **DO NOT** have to re-enroll in the courses.
5. You **DO NOT** have to resubmit assignments OR participate in the non-proctored programming exams (if applicable) in the previous semester.
6. If you do enroll in the July 2023 course, we will take the best average Assignment scores non-proctored programming exams (if applicable) score.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUBRAHMANYAM VASAMSETTI

for successfully completing the course

Fundamentals of Additive Manufacturing Technologies

with a consolidated score of **63** %

Online Assignments	23.91/25	Proctored Exam	39/75
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Total number of candidates certified in this course: **168**

Jul-Oct 2022

(12 week course)

T.V. Bharat

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati



V. Subrah
Signature of Faculty

V. Subrah
Signature of Head
Head of the Department
Automobile Engineering
GIET, RAJAHMUNDRY -A.P.
INDIA - 533 296

Report on Successful Completion of Deep Learning Course on Swayam NPTEL Course Program

From 2-01-2023 to 30-4-2023

Executive Summary

This report provides an overview and analysis of the "Deep Learning" course offered by the Swayam NPTEL Course Program. The course's objectives, content, outcomes, and the impact of successful completion on learners are discussed. Additionally, the report highlights the significance of deep learning in the context of modern technology and artificial intelligence.

Course Content

The Deep Learning course on NPTEL covers a wide range of topics, including but not limited to:

- **Introduction to Deep Learning:** Understanding the fundamentals of neural networks and deep learning.
- **Deep Learning Architectures:** Exploring various neural network architectures, including convolutional neural networks (CNNs), recurrent neural networks (RNNs), and deep reinforcement learning.
- **Computer Vision:** Applying deep learning to computer vision tasks, such as image classification, object detection, and image generation.
- **Natural Language Processing (NLP):** Using deep learning for NLP tasks, including sentiment analysis, language translation, and chatbots.
- **Hands-on Experience:** Many courses offer practical assignments and projects where learners can apply their knowledge to real-world problems.

Assessment and Assignments:

- The course included regular assignments, quizzes, and projects designed to test and apply the knowledge gained during the lectures. These assessments were instrumental in reinforcing the understanding of machine learning principles and techniques.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SUBRAHMANYAM VASAMSETTI
for successfully completing the course

Deep Learning

with a consolidated score of **55** %

Online Assignments 19.31/25 | Proctored Exam 36/75

Total number of candidates certified in this course 1144

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS56S63860381

To validate the certificate



No. of credits recommended: 3 or 4

Signature of Faculty

Signature of Head
Automobile Engineering
GIET, RAJAHMUNDRY -A.P.
INDIA - 533 296

Report on Successful Completion of Machine Learning Course on Swayam NPTEL Course Program

From 2-1-2023 to 30-3-2023

The course covered a wide range of topics related to machine learning, including but not limited to:

- Introduction to Machine Learning and its Applications
- Supervised Learning: Regression and Classification
- Unsupervised Learning: Clustering and Dimensionality Reduction
- Model Evaluation and Selection
- Deep Learning and Neural Networks
- Natural Language Processing
- Case Studies and Practical Applications

1. Learning Experience:

Throughout the course, I had the opportunity to engage with high-quality video lectures, reading materials, and assignments. The instructors provided clear explanations and practical examples to illustrate complex concepts, making the learning experience both informative and enjoyable.

2. Assessment and Assignments:

The course included regular assignments, quizzes, and projects designed to test and apply the knowledge gained during the lectures. These assessments were instrumental in reinforcing the understanding of machine learning principles and techniques.





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SUBRAHMANYAM VASAMSETTI
for successfully completing the course

Machine Learning

with a consolidated score of **64** %

Online Assignments	24.65/25	Proctored Exam	39.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 583

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Mar 2023
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS11544830180

To validate the certificate



No. of credits recommended: 2 or 3

V. Subrah
Signature of Faculty

V. Subrah
Signature of HOD
Head of the Dept.
Automobile Engineering
GIET, RAJAHMUNDRY -A.P.
INDIA - 533 296

REPORT ON

“Indian Geotechnical Conference 2022”

GEOLEAP-Geotechnico: Learning, Evaluation, Analysis and practice

Conference on Performance Assessment of Treated Jute fiber Encased stone column in improving soft clay Beds.

Dates:15-12-2022 to 17-12-2022

Organized by

The Indian Geotechnical society kochi chapter in association with the department of civil Engineering, Cochin University of Science & Technology(CUSAT)



IGC 2022
INDIAN GEOTECHNICAL
CONFERENCE 2022

GEOLEAP
GEOTECHNICS - LEARNING, EVALUATION,
ANALYSIS & PRACTICE

15th - 17th DECEMBER, 2022

Prof. Dr. BABU T JOSE, Emeritus Professor, CUSAT
[Chairman, Organising Committee]

+91 94471 66640

ORGANISED BY
INDIAN GEOTECHNICAL SOCIETY
KOCHI CHAPTER

In association with, Department of Civil
Engineering
Cochin University of Science & Technology
(CUSAT)



■ ABOUT IGS & IGC 2022

Indian Geotechnical Society (IGS) (formerly known as the Indian National Society of Soil Mechanics and Foundation Engineering) was established in 1948. The Society was affiliated to the International Society of Soil Mechanics and Foundation Engineering (ISSMGE) in the same year and working towards the fulfilment and promotion of its objectives. Indian Geotechnical Conference (IGC) is the annual national flagship event of Indian Geotechnical Society (IGS, New Delhi). It will be jointly hosted by the IGS Kochi Chapter and Cochin University of Science and Technology (CUSAT) in 2022. The organizing committee of the conference invites the original research and field case study papers from the researchers, academicians, and practicing engineers for presentation in the Indian Geotechnical Conference-2022 (IGC2022) during 15th - 17th December 2022 at Le Méridien, Kochi

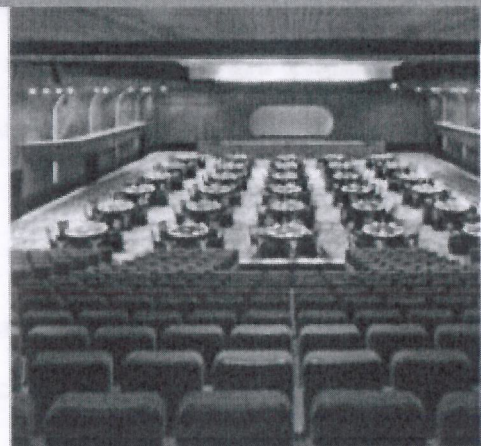
CONFERENCE THEME

The sub-themes under the core theme of the conference are as follows:

- Theme 1 – Behaviour of Soils and Soil-Structure Interaction
- Theme 2 – Soil Stabilization, Ground Improvement & Land Reclamation
- Theme 3 – Shallow and Deep Foundations
- Theme 4 – Geotechnical, Geological & Geophysical Investigation
- Theme 5 – Rock Engineering, Tunnelling & Underground Structures
- Theme 6 – Slope Stability, Landslides & Liquefaction
- Theme 7 – Earth Retaining Structures & Deep Excavations
- Theme 8 – Geosynthetics Engineering
- Theme 9 – Geo-Environmental Engineering, Sustainable Geotechnics & Landfill Design
- Theme 10 – Geohydrology, Dam & Embankment Engineering
- Theme 11 – Earthquake Geotechnical Engineering
- Theme 12 – Transportation Geotechnics
- Theme 13 – Forensic Geotechnical Engineering & Retrofitting of Geotechnical Structures
- Theme 14 – Offshore Geotechnics, Marine Geology & Sub-Sea Site Investigation
- Theme 15 – Computational, Analytical & Numerical Modelling
- Theme 16 – Reliability in Geotechnical Engineering

KEY DATES

Last Date for Abstract Submission	16-06-2022
Intimation of Abstract Acceptance	16-06-2022
Last Date for Full Paper Submission	31-08-2022
Intimation of Paper Acceptance	30-10-2022
Submission of Camera Ready Paper	07-11-2022
Last Date for Registration of Accepted Papers	07-11-2022
Dates of Conference	15th -17th December 2022



REGISTRATION FEES

Delegate Category	Up to 30th Oct 2022 (INR)	After 30th Oct 2022 (INR)	Foreign Delegates (USD)
IGS Member	6600	6600	350
Non IGS Members	6000	7000	400
SAARC Country Delegates	6600	7600	—
Student	3000	3600	250
Senior Citizen	3000	3600	250
Accompanying Person	2600	2600	250

List Of Participants:

1. Dr. D Venkateswarulu - Professor



INDIAN GEOTECHNICAL CONFERENCE 2022

GEOLEAP - Geotechnics: Learning, Evaluation, Analysis and Practice
15-17 December 2022, KOCHI

CERTIFICATE

This is to certify that**Dr.Dumpa Venkateswarlu**..... has participated in the

Indian Geotechnical Conference 2022 **GEOLEAP - Geotechnics: Learning, Evaluation, Analysis and Practice** organised during December 15-17, 2022 at Kochi by the Indian Geotechnical Society Kochi Chapter in association with the Department of Civil Engineering, Cochin University of Science & Technology (CUSAT)


Prof. Babu T Jose

Chairman, Organizing Committee
IGC 2022


Dr. Anil Joseph

Hon. Secretary, Organizing Committee
IGC 2022

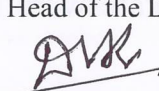
Concluding remarks on the Report.

"Report on Indian Geotechnical Conference -2018 Submitted on 20-12-2022

Signature of Participant with date

1. 
20/12/22

Head of the Department


20/12/22
Signature with date

Head of the Department,
CIVIL ENGINEERING
GODAVARI INSTITUTE OF
ENGINEERING & TECHNOLOGY
RAJAHMUNDRU-533 201



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAMME

Integration Of Green Energy Resources

**Organized by
Ideal Institute of Technology Kakinada**

Dates of FDP: 1/09/2022 to 7/09/2022

Report on Faculty Development Program

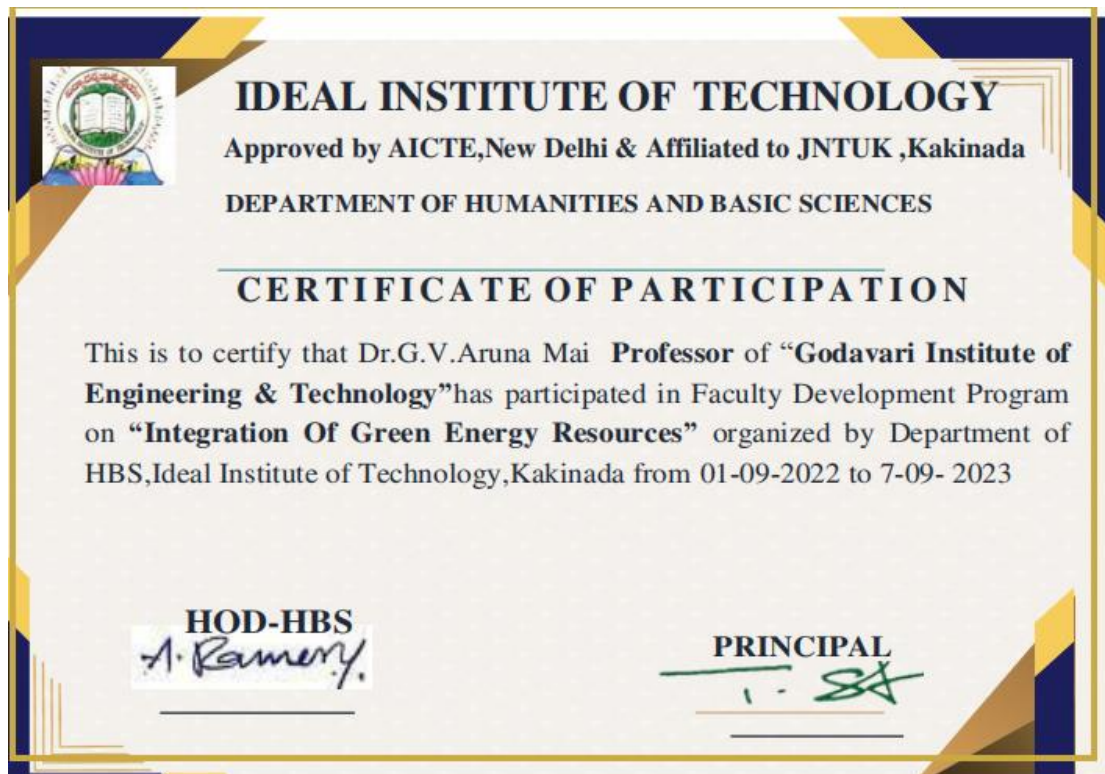
It brings me great pleasure to present a comprehensive report on the Faculty Development Programme (FDP) organized by Ideal Institute of Technology Kakinada, held from the 1st of September 2022 to the 7th of September 2022. The FDP was conducted by the Department of Humanities and Basic Sciences and focused on the topic of "Integration Of Green Energy Resources". I had the privilege of attending all seven days of this workshop, from beginning to end.

I must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, with participants being provided with a conducive environment for interactive learning. Throughout the course, we were fortunate to have three expert resource persons who shared their knowledge in an innovative and inspiring way.

The organizers ensured that all participants were comfortably accommodated and well-fed throughout the duration of the workshop. The food served was not only delicious but also healthy, which is a rare combination in such events.

Overall, I found every session to be informative, engaging, and practical. The FDP not only enriched my understanding of green energy resources but also equipped me with new skills and techniques to enhance my teaching potential. I am grateful for this opportunity and would highly recommend similar programs to my colleagues in academia.

I would like to express my sincerest gratitude to the management and academic administrators for their unwavering encouragement and support. With their backing, we are confident that this undertaking will mark a new epoch in the realm of teaching and learning. We vow to make strides towards a paradigm shift that will revolutionize the way education is imparted and received. Our commitment to this cause is resolute, and we look forward to seeing the fruits of our labor.



Faculty Attended:

Dr.G.V.Aruna mayi Prof.Mathmatics *GV Arunamayi*

Dr.V.Sarath Chandra Prof. Physics *Sarathchandra*

V. kusuma kumari

HOD-HBS

Dr.V.Kusuma Kumari

Dr. V. KUSUMA KUMARI

DEAN - HBS

Godavari Institute of Engineering & Technology (A)

NH-16, Chaitanya Knowledge City

RAJAHMUNDRY - 533 296, E.G. DIST., (A.P.)



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAMME

on

**“Career Guidance: An Holistic Approach in
Engineering Education”**

Organized by

P.R.Govt.College Kakinada

Dates of FDP: 18-02-2023 to 21-02-2023

Report on Faculty Development Program

It is matter of delight to present a comprehensive report on the Faculty Development Programme (FDP) organized by P.R.Govt.College,Kakinada held from 18-02-2023 to 21-02-2023 . The FDP was conducted by the Department of Humanities and Basic Sciences and focused on the topic of “Career Guidance: An Holistic Approach in Engineering Education” . I had the privilege of attending all days of this workshop, from beginning to end.

The first inaugural session set a positive tone for the entire program, Throughout the course, we were fortunate to have eminent resource persons who shared their knowledge in an innovative and inspiring way.

The organizers ensured that all participants were comfortably accommodated and well-fed throughout the duration of the workshop. The food served was not only delicious but also healthy, which is a rare combination in such events.

Overall, I found every session to be informative, engaging, and practical. The FDP not only enriched my understanding of Career Goals and its necessity but also equipped me with new skills and techniques to enhance my teaching potential. I am grateful for this opportunity and would highly recommend similar programs to my colleagues in academia.

We vow to make strides towards a paradigm shift that will revolutionize the way education is imparted and received. Our commitment to this cause is resolute, and we look forward to seeing the fruits of our labor.



Faculty Attended:

Name of the Participant
Mrs.M. Sirisha Sangamitra
Dr. Astkala Anil Kumar

V. kusuma kumari

HOD-HBS
Dr.V.Kusuma Kumari

Dr. V. KUSUMA KUMARI
DEAN - HBS
Godavari Institute of Engineering & Technology (A)
NH-16, Chaitanya Knowledge City
RAJAHMUNDRY - 533 296, E.G. DIST., (A.P.)



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAMME

On

**Class room Innovations and Technical
pedagogy**

Organized by

**SRKR Engineering College
Bhimavaram**

Dates of FDP: 01-05-2023 to 05-05-2023

Report on Faculty Development Program

It brings me great pleasure to present a comprehensive report on the Faculty Development Programme (FDP) organized by SRKR Engineering College Bhimavaram, on **Class room Innovations and Technical pedagogy held from 01-05-2023 to 05-05-2023**. The FDP was conducted by the Department of Humanities and Basic Sciences and focused on the topic of Class room Innovations and Technical pedagogy. I had the privilege of attending all days of this workshop, from beginning to end.

I must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, Throughout the course, we were fortunate to have expert resource persons who shared their knowledge in an innovative and inspiring way.

The organizers ensured that all participants were comfortably accommodated and well-fed throughout the duration of the workshop. The food served was not only delicious but also healthy, which is a rare combination in such events.

Overall, I found every session to be informative, engaging, and practical. The FDP not only enriched my understanding of Classroom Innovations, but also equipped me with new skills and techniques to enhance my teaching potential. I am grateful for this opportunity and would highly recommend similar programs to my colleagues in academia.



Faculty Attended:

Name of the Faculty
Mr.Sekuboyina Kalki Kumar
Dr.M. Sirisha Sangamitra
Dr. Astkala Anil Kumar

V. kusuma kumari
HOD-HBS
Dr.V.Kusuma Kumari
Dr. V. KUSUMA KUMARI
DEAN - HBS
Godavari Institute of Engineering & Technology (A)
NH-16, Chaitanya Knowledge City
RAJAHMUNDRY - 533 296, E.G. DIST., (A.P.)

REPORT ON

WORKSHOP ON FACULTY KNOWLEDGE SHARING
PROGRAM
ON
31-07-2022

Organized by

IBS, ICFAI BUSINESS SCHOOL
HYDERABAD

Faculty Knowledge sharing Program

Inbox

Search for all messages with label Inbox

Remove label Inbox from this conversation



Naveen Karukonda <naveen.karukonda@ibsindia.org>

Mon, 24 Jul, 14:10

to anithasslakshmi, simhadri, darwin.ece.gec, prkraj008, me, Veeralakshmi, captkalyani, grambabuhod, garapati, chitti

Respected Sir/Madam,

Warm greetings from IBS Business School!

About IBS

IBS Business School brand has become synonymous with quality teaching for MBA and PGPM for the past 28 years. We have been offering high-quality learning experience that is designed to develop managers who can meet the challenges of the world of business with competence and confidence, in different areas of management to a wide cross-section of students, executives and professionals across India. IBS has a reputation for innovative program design and delivery, quality courseware, personalized instruction, strong industry interface, and research, consultancy and publications.

IBS has evolved impressively over a period of time and attained widespread recognition from industry, academic circles, and professional bodies and is consistently ranked among the top ten business schools (out of more than 1000 business schools) in the country as per rankings given by many independent professional ranking agencies.

IBS has a strong and growing presence across India. IBS can be proud of its 66000 alumni, who after passing out from the multi-state network of IBS Campuses, are contributing successfully both in India and abroad.

As a pioneer in case study methodology, IBS believes in taking unique initiatives to equip 300 faculty members and thousands of students with the necessary knowledge.

IBS has a huge repertoire of case studies in most of the functional areas in management. IBS has dedicated research and content development centers for producing case studies and supporting material. IBS is one of the largest contributors of case studies from Asia to ECCH (European Case Clearing House).

IBS case studies have won international prizes and are being used by a large number of business schools, universities and companies across the world.

Our Proposal:

We humbly request you to nominate your 2 faculty members for one day "Faculty Knowledge sharing Program", which is commencing as per details mentioned below.

Program Cost, Dates, Timings and Venue:

1. The authorized nominee can participate in the program at free of cost.
2. Our batch size is restricted to a maximum of 30 participants.
3. The Program will be conducted on 31 July 2022
4. Timings will be from 09:30am to 3:30 Pm.
5. Venue Hotel Anand Regency, Rajahmundry
6. Lunch & refreshments will be a part of the workshop.

We look forward to building and nurturing an ecosystem of learning and creating a hub of like-minded growth oriented institutions & individuals that can partner for mutual growth going forward as opportunities arise.

Thanks & Regards
Karukonda Naveen
Manager (Rajahmundry)
IBS Business School
ICFAI Group
Ph : 9848884172



2 Attachments • Scanned by Gmail





Key Program Highlights:

- A Unique and Very Comprehensive Faculty Development Program on “Teaching through Case Studies - Making effective use of short/compact case studies” & The Changing role of Teacher in student development”
- Session handled by: Dr Kalaa Chhenji, from IBS Hyderabad campus.

Signature of Participants with date

1. *Dr. PRK RAJU* *[Signature]* 2/8/22
2. *R. Raja* *[Signature]* 2/8/22

Head of the Department

Signature with date

[Signature] 2/8/22

Head of the Department
DEPARTMENT OF MANAGEMENT STUDIES
GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
RAJAHMUNDRY - 533 294

REPORT ON
NATIONAL INTELLECTUAL PROPERTY AWARENESS
PROGRAMME
09-02-2023

Organized by

INTELLECTUAL PROPERTY OFFICE
AND
MoE 'S INNOVATION CELL, INDIA



Key Program Highlights:

- This programme is designed to provide comprehensive knowledge to the students regarding Indian position of the Patent Law (1970), Historical development, Procedure for granting a patent, Infringement.

Signature of Participants with date

1. R. RAJA - 10/2/23
2. B. SUSHMITHA - 10/2/23

Head of the Department

Signature with date
Head of the Department
DEPARTMENT OF MANAGEMENT STUDIES
GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY
RAJAHMUNDRY - 533 294

REPORT
WEBINAR ON
VALUE OF MBA DEGREE TO FACE THE CORPORATE
CHALLENGES
ON
02-09-2022

Organized by

G.S MANDAL'S, MAHARASHTRA INSTITUTE OF TECHNOLOGY,
AURANGABAD-DEPARTMENT OF MBA



G.S. Mandal's
 MAHARASHTRA INSTITUTE OF TECHNOLOGY
 AURANGABAD
 (An Autonomous Institute)
 Accredited with "Grade A" by NAAC
 Approved by All India Council for Technical Education (AICTE), New Delhi
 Permanently affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
 DTE Code - 2115



MBA @ MIT

Department of Master of Business Administration

WEBINAR
ON

"Value of MBA Degree to face the Corporate Challenges"

ORGANISED BY DEPARTMENT OF MBA

RESOURCE PERSON



Dr. SAGAR S. LALKA
 Founder - Skillway India and Academician

Who can participate

All students aspiring to make their career in the field of management/corporate sector

DATE: FRIDAY, SEPTEMBER 02nd 2022
TIME: AT 04:15 PM TO 05:30 PM

REGISTRATION LINK : <https://forms.gle/QzXdoK7ZFY4ts157>

YOUTUBE LIVE LINK : https://www.youtube.com/channel/UCleiveMAMsuz_AcTo3WfT85g

Above link will be shared on registered email id's. E-certificates will be issued after successful participation and filling up the feedback form.

Dr. Urvasi Kaushik
Coordinator

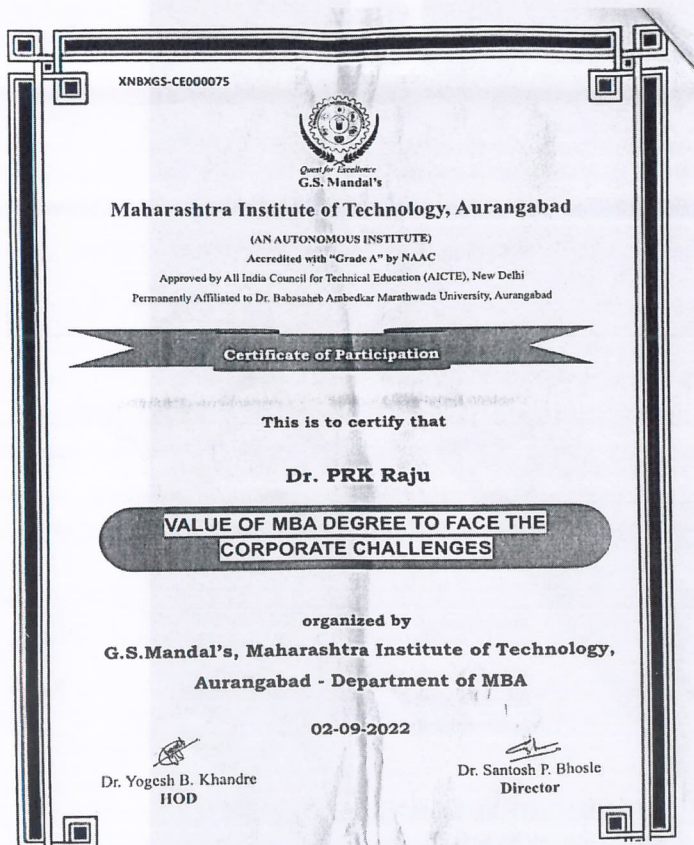
Dr. Yogesh Khandre
HOD

Dr. Santosh Bhosle
Director

For more information call- 8149465777, 8512040925

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Key Program Highlights:

- this programme insight the P MBA (Master of Business Administration) can be a challenging and rewarding experience that offers both challenges and opportunities for individuals looking to advance their careers or take on leadership roles in business. Some of the challenges of pursuing an MBA include the time commitment, the cost, and the competition for admission to MBA programs. On the other hand, there are also many opportunities associated with pursuing an MBA, including the potential for career advancement, the opportunity to network with industry leaders and professionals, personal growth, and the potential for a financial return on investment in the long term.

Signature of Participants with date

1. **DR. PRK RAJU.**
PRK Raju
3/9/22

Head of the Department

[Signature] 3/9/22
Signature with date

Head of the Dep.
DEPARTMENT OF MANAGEN.
GODAVARI INSTITUTE OF ENGINEERIN.
RAJAHMUNDRY - 533 374
DIES
NOLOGY

REPORT ON

Energy Conclave 2022 on Energy Storage (Prospects and Challenges)

23-24 August 2022 10:00 AM (IST)

Organized by

ENERGY CLUSTER

UPES Bidholi Campus,

Dehradun - 248007, Uttarakhand, India.

Important Dates	Advisory Committee
Last date for Paper Submission: 06/08/2022	Dr. Abdulla Kottar Saba (CSIR-CERI)
Acceptance Notification: 18/08/2022	Dr. Ravi Misra (ONGC)
Registration End Date: 21/08/2022	Dr. Saayubrata Nayak (PETRONAS, Malaysia)
Registration	Dr. K.J. Subarensan (UTAS, Oman)
Student/Research Associate/Faculty: Rs.5000/-	Dr. Sreedevi Upadhyayula (IIT D)
Corporate/Industry: Rs.7000/-	Dr. Suresh Kumar Govindarajan (IIT M)
Foreign Participants: 100 USD	Mr. Debi Prasad Dash (IESA)
* The registration fees for participation only - Rs. 1000/-	Mr. Sreenivas Jindam (Racasa Energy)
Paper Submission	Dr. Ibrahim Al Rajawy (LUC, Malaysia)
Authors are invited to submit full papers in English (Max. 8 pages including figures, tables & references)	Dr. S V S Raja Prasad (NICMAR)
Paper Submission Link: https://easychair.org/conferences/?conf=mesc2022	Mr. Ankur Mundhra (Halliburton)
Accepted papers will be published in Scopus Indexed Journal	Organizing Committee
Payment Details	Dr. Kumaragourao D. Panase (Convener, UPES)
National Participants	Dr. Vamsi Krishna Kodapa (Co-Convener, UPES)
Beneficiary Name: MESC INTL CONFERENCE	Ms. Nitu Kumari Thakur (Co-Convener, UPES)
Account Number: 95958777777836	Prof. Ashutosh Pandey (UPES)
IFSC number: YESB0000115	Prof. Pushpa Sharma (UPES)
Bank name: YES Bank, Rajpur Road, Dehradun	Prof. Vijay Parthasarthy (UPES)
International Participants	Mr. Bhaichandra Shingam (UPES)
Beneficiary's Name: University of Petroleum and Energy Studies	Dr. Seim Timung (UPES)
Purpose: MESC INTL CONFERENCE	Dr. Tirumala Rao Kotai (UPES)
Bank Name: Yes Bank	Dr. Upendra Singh Yadav (UPES)
Bank Account: SB - 011594600000224	Mr. Amit Verma (UPES)
Branch Code: 000115	Contact Us
IFSC Code: YESB0000115	Dr. Vamsi Krishna Kodapa
Swift Code: YESBINBB	Email: vkodapa@odn.upes.ac.in
Branch Address: Ground Floor, 56, Rajpur Road, Dehradun	Phone: +91 - 9171096717
For More Details	Ms. Nitu Kumari Thakur
https://upesmesc.org/	Email: nkumari@odn.upes.ac.in
	Phone: +91 - 9101225578



Energy Conclave 2022 on Energy Storage (Prospects and Challenges)

23-24 August 2022 10:00 AM (IST)

Organized by
ENERGY CLUSTER

UPES
Bidholi Campus,
Dehradun - 248007,
Uttarakhand, India.

About Energy Conclave

Energy Symposium 2022 will bring together researchers, academicians, professionals, policymakers, scientists, and members of the industry fraternity to discuss the most recent advances in the field of Energy Storage. Materials application for energy storage in the renewable and non-renewable energy sectors is critical for meeting the world's concerns today. Continuous developments in research have resulted in the development of new technology that technocrats can exploit. It is critical to stay current with developments in this subject in order to integrate new information and contribute to research and development. The symposium encompasses discussions among eminent industry and academic professionals. It enables the exchange and enrichment of information, the development of fresh approaches, and the solution of difficult issues in frontier fields. This conclave will highlight global advances in all elements of Science and Technology through a variety of scientific sessions including a diverse range of speakers with extensive expertise in their respective fields of study.

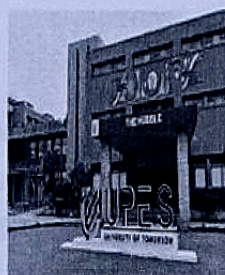
Highlights

- Recent advances in Energy Storage technologies
- Technology Demonstrations from Industries
- Interactions with the domain experts
- Exchange of research ideas
- Exhibitions on Technology Prototypes
- Paper/Poster Presentations

Major Areas

- Energy Conversion Devices
- Energy Management
- Biological Energy Storage
- Chemical Energy Storage
- Electrical and Electromagnetic Energy Storage
- Electrochemical Energy Storage
- Fossil-fuel Energy Storage
- Mechanical Energy Storage
- Thermal Energy Storage
- Materials for Energy Storage
- Energy Storage System Design
- Energy Storage Risk Analysis

About UPES



UPES is one of the leading universities in India, offering a range of courses in areas such as engineering, law, management, business, architecture, liberal studies, and health sciences. It has more than 18 years of expertise developing students into leaders and was recently recognized among India's top 100 universities by NIRF 2021. As a social change agent, UPES takes voluntary efforts to foster a culture of social responsibility in society through a variety of initiatives that benefit both our competitive interests and the general welfare. Numerous international collaborations have been established to provide students with unmatched global exposure, including credit transfer to The University of Queensland in Australia, study abroad opportunities at Berkeley Global, student and faculty exchanges, joint research, and international internships. Additionally, UPES is regarded as the first Indian university to receive a QS 5-star rating for academic development and a 5-star rating for employability, facilities, and programme strength. With research at the heart of our approach and a curriculum that has been approved by industry professionals, UPES guarantees a thorough commitment to academic excellence.

About Energy Cluster

Energy Cluster from School of Engineering, UPES is regarded as the best cluster among all other clusters and schools in UPES and other institutions in Uttar Pradesh, to instill the principles of engineering and then raise the bar to complex sections of technical application in the Energy Sector. Our curriculum includes seminars, special lectures, projects, internships and research-based learning. The Energy cluster now offers four undergraduate and three postgraduate degrees. B.Tech in Applied Petroleum Engineering was established in 2003 as a specialized field of engineering dedicated to meeting the industry's requirements. M.Tech in Petroleum Engineering was established as a master's program in 2007. Later in 2009, the B.Tech Applied Petroleum Engineering program was expanded to include a focus on gas stream engineering. B.Tech in Chemical Engineering and an M.Tech in Chemical Engineering started in the year 2009. All our undergraduate programs are NBA accredited. The research focus of this cluster is majority on sustainable development, clean energy, disaster management, unconventional hydrocarbon resources, and hydrocarbon transportation. The Cluster ensures the holistic development of students by faculty members who are qualified and capable of giving state-of-the-art education and learning to students. We ensure that the students are future-ready to meet the demands of the ever-changing industry needs. The curriculum is framed to include courses like Data Analytics, Digitization, Automation of process, AI/ML, etc., which will equip the students with additional skills which are going to be vital in the next 5-10 years. We are building cozzens of tomorrow by imbuing life skills through our school for life courses like critical thinking, being conversations, learning how to learn, etc. Energy Cluster, UPES is where we build our Leaders for Tomorrow.

List of Participants

1. Mr Md Ahammad Sharif
2. Dr N V R nagalakshmi
3. Ms K Bala Brahmini



ENERGY CONCLAVE 2022

On

Energy Storage - Prospects and Challenges

23rd and 24th August, 2022

Organized by

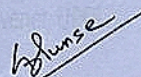
Energy Cluster, UPES, Dehradun

Certificate of Presentation

This is to certify that Ahammad Sharif Mohammed of Assistant Professor, Department of Petroleum Engineering, Godavari Institute of Engineering and Technology(A), Rajahmundry, 533296, India has presented a paper titled "The relationship between kozeny-carman permeability and darcy permeability: examined by capillary rise method in porous media" in Energy Conclave 2022 held on 23 and 24 August, 2022



Dr. Nilanjana Banerjee
Head - Energy Cluster, UPES

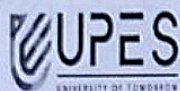


Dr. Kumargaurao D. Punase
Convener, UPES



Springer





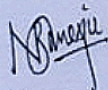
ENERGY CONCLAVE 2022
On
Energy Storage - Prospects and Challenges

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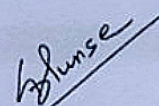
Organized by
Energy Cluster, UPES, Dehradun

Certificate of Presentation

This is to certify that V R Nagalakshmi Nethi of Assistant Professor, Department of Petroleum Engineering, Godavari Institute of Engineering and Technology(A), Rajahmundry, 533296, India has presented a paper titled "The relationship between kozeny-carman permeability and darcy permeability: examined by capillary rise method in porous media" in Energy Conclave 2022 held on 23 and 24 August, 2022



Dr. Nilanjana Banerjee
Head - Energy Cluster, UPES



Dr. Kumargaurao D. Punase
Convener, UPES



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ENERGY CONCLAVE 2022
On
Energy Storage - Prospects and Challenges

Organized by
Energy Cluster, UPES, Dehradun

Certificate of Presentation

This is to certify that Mr. Bala Brahmini Kapavarapu, Assistant Professor of Department of Petroleum Engineering, Godavari Institute of Engineering and Technology(A), Rajahmundry has presented a paper titled "The Relationship Between Kozeny-carman Permeability And Darcy Permeability: Examined By Capillary Rise Method In Porous Media" in Energy Conclave 2022 held on 23 and 24 August, 2022.



Dr. Nilanjana Banerjee
Head - Energy Cluster, UPES



Dr. Kumargaurao D. Punase
Convener, UPES



Springer



Signatures of participants with date

Head of the Department

1. Mr Md Ahammad Sharif



Signature with date
Head of the Department,
Department of Petroleum Engineering
Godavari Institute of Engineering and
Technology (Autonomous)
RAJAMAHENDRAVARAM-533 296

2. Dr N V R nagalakshmi

3. Ms K Bala Brahmini



Godavari Institute of Engineering & Technology

DP-71

A Report on

FACULTY DEVELOPMENT PROGRAM

on

“How Teachers can Make a Difference”

Held at

TEACHING & LEARNING CENTRE (TLC) IIT Madras

Date: 26th, 27th & 28th Nov 2022.

Submitted by

K. BALABRAHMINI

NAGUR VALI SHAIK

Assistant Professor



Department of Petroleum Engineering

Godavari Institute of Engineering & Technology (A)

NH-16, Chaitanya Knowledge City, Rajahmundry-533296, Andhra Pradesh, India

Day: 1-26th November 2022

Session 1

Time: 9:35 AM to 11:00 AM

Topic Discussed: Write a learning outcome for your course.

Name of the faculty: Dr. Edamana Prasad, Department of Chemistry, IITM.

Key outcomes: In this session the topics discussed are as follows... what are the objectives and how to write a learning outcome for a course and the effective use of action verbs, also discussed about what are the common mistakes while writing a learning outcome and how those can be avoided.

Session 2

Time: 11:30 AM to 01:00 PM

Topic Discussed : Design a Set of outcomes for your course Align Cos with

POs Name of the Faculty : Dr. Edamana Prasad, Department of Chemistry, IITM.

Key outcomes : This session is continuation of session 1 , bloom Taxonomy levels were discussed and how can we write and map Cos and POs to learning outcomes were discussed. As these are interactive sessions each and every individual's opinion is asked and outcomes were shared.

Session 3 and Session 4

Time : 2:30 PM to 05:30 PM

Topic Discussed: Active and Cooperative Learning

Name of the faculty: Dr. Edamana Prasad, Department of Chemistry, IITM.

Key outcomes: In this session topics like positive Interdependence are covered for example how team members must rely on each other to accomplish goals are discussed.

Day-2 -27th November 2022

Session: 1

Time: 09:30 AM to 11:00 PM

Topic Discussed: Reflection

Name of the Faculty: Prof. C. Vijayan

Key outcomes : various techniques of reflective teaching are discussed , list of specific steps to implement quality enhancement in teaching styles were shared

Session:2

Time: 11:00 PM to 1:00 PM

Topic Discussed: LMS for Learning

Enhancement Name of the Faculty: Prof. Phani

Kumar

Key outcomes : In this session use of slido for polls and quiz (www.slido.com) and effective use of tools in the Moodle LMS (www.moodle.org) are discussed. It can be used for conducting exams , submission of assignments and for sending information to students of same class and various other features are discussed.

Session:3

Time: 02:30 PM to 04:00 PM

Topic Discussed: Assessment

Name of the Faculty: Dr. Edamana Prasad, Department of Chemistry, IITM.

Key outcomes: Development of assessment plan and various methods for assessment of both faculty and students are discussed. Example: booked model.

Session4

Time: 05:00 PM to 05:30 PM

Topic Discussed: Assessment

Name of the Faculty: Dr. Edamana Prasad, Department of Chemistry, IITM.

Key outcomes : In this session we were divided into a group of 6 members and were told to design an effective lecture and interactive session for 20 minutes and the topic of the lecture should be complex but the learners have to understand. And we were given time to prepare.

Day-3 -28th November 2022

Session1

Time: 9:00 AM to 1:00 PM

Topic Discussed: presentations or lectures

Name of the Faculty: Dr. Edamana Prasad, Department of Chemistry, IITM.

Key outcomes : our batch members are Mr. NagurVali Shaik ,Department of Petroleum Engineering, Ms. BalaBrahmini, Department of Petroleum Engineering, Mr. MVRa ghavendra Rao, Department of Automobile Engineering. , Mrs. K. Aruna Department of Automobile Engineering, Mrs. B. Susmitha, Department of Management Studies , Ms.

C. Bhargavi, Department of Computer Science



TEACHING LEARNING CENTRE

Indian Institute of Technology Madras

4th Floor, Central Library, IITM Campus, Chennai 600 036, Tamil Nadu, India

Instructions for every team:

1. Identify a **Complex Topic** that can be actively learnt. (15 minutes)
 - a. Write Learning Outcomes and display the same
 - b. Create an Active Cooperative Learning Plan & conduct the same, such that:
 - i. teachers role << learners role!
 - ii. Learners have to work for their learning!
2. Conduct learning verification by using appropriate Assessment mechanisms. (5 minutes)
3. Invite Reflections from participants (5 minutes)
4. Any other queries and clarifications (5 minutes)

Total time for a team = 30 minutes

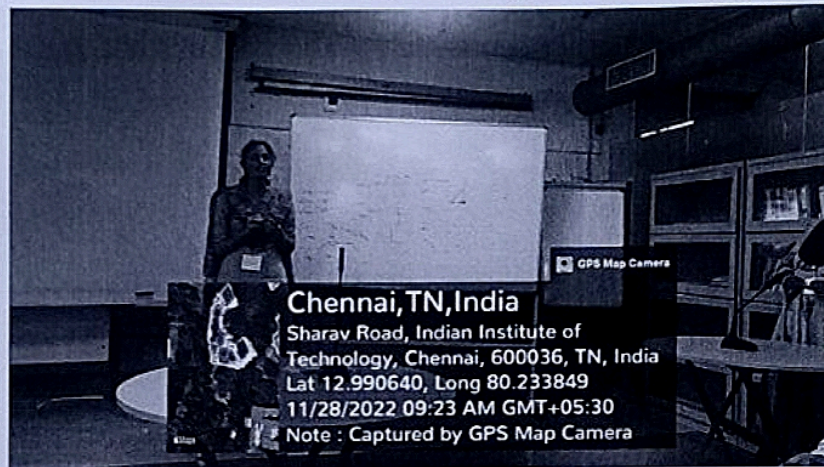
Note: Complex Topic does not mean Complicated Topic, instead a topic where learners generally find it difficult to learn (often get confused).

Our Team's Topic of the Lecture :Well log Interpretation of Gamma Ray

log Learning Outcomes: To be able to Differentiate Shale and Sandstone Formations

To be able to Evaluate Gamma Ray Index

The Lecture started with asking basic questions like at what depth crude oil is found, how can we bring that to the surface and gradually going into the topic and explaining about different rocks and formations, how their properties are important to identify the crude oil formations and then explaining about the principle of gamma ray and how to interpret gamma ray and Find the Gamma ray index.



Team6

Interaction with Research Scholars and visiting Labs

Went to Department of Ocean Engineering and Met Mr. Md. Irshad Ansari, Research Scholar in Petroleum Engineering. Guide Name: Dr. G. Suresh Kumar, Professor, Department of Petroleum Engineering. He is working on Thermal EOR techniques, Reservoir Modelling using software. He didn't disclose any information about this work. He explained that is working on Reservoir modelling of a Thermal Reservoir.

The other day we went to Reservoir Modelling Lab and Met Mr. T N V Pavan, Research Scholar in Petroleum Engineering. Guide Name: Dr. G. Suresh Kumar, Professor, Department of Petroleum Engineering. He is working on Reservoir Modelling using COMSOL software. He also Didn't disclose any information about his work. But he explained about the software and how it is helpful in Reservoir Modelling. He also told about the use of MATLAB software in reservoir Modelling.

Met Mr. Raghav Dadhich final year student in MSc programme IITM. Guide Name : Dr. Jitendra Shingwai, professor, Department of Chemical Engineering. He told that the complete this work and submitted thesis and is preparing for placements.



Teaching Learning Center (TLC)
Indian Institute of Technology Madras
Chennai 600036 India



This is to certify that
K. BALA BRAHMINI
Department of Petroleum Engineering
Godavari Institute of Engineering and Technology, Rajahmundry
has participated in the
Faculty Development Program on
How Teachers Can Make a Difference
held during November 26 – 28, 2022.

Prof. Edamana Prasad
Head, Teaching Learning Center

Teaching Learning Center (TLC)
Indian Institute of Technology Madras
Chennai 600036 India



This is to certify that
NAGURVALI SHAIK
Department of Petroleum Engineering
Godavari Institute of Engineering and Technology, Rajahmundry
has participated in the
Faculty Development Program on
How Teachers Can Make a Difference
held during November 26 – 28, 2022.

Prof. Edamana Prasad
Head, Teaching Learning Center

Signatures of participants with date

1. Mr Nagur Vali Shaik

2. Ms K Bala Brahmini

Head of the Department

Signature with date
Head of the Department
Department of Petroleum Engineering
Godavari Institute of Engineering and
Technology (Autonomous)
RAJAMAHENDRAVARAM-533 296

REPORT ON

Hydraulic Fracturing fundamentals in Oil Field

Organized by

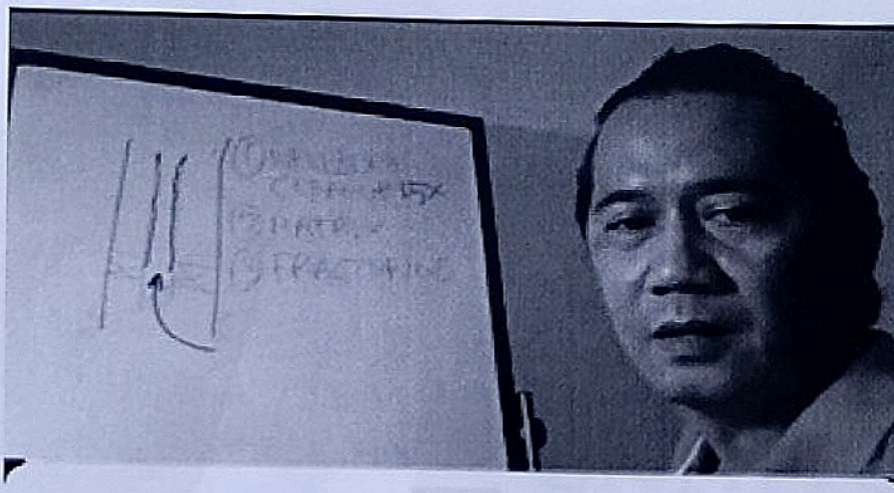
VAKTAVYA 3.0

UPES-AAPG STUDENT CHAPTER

UPES Bidholi Campus,

Dehradun - 248007, Uttarakhand, India.

Resource Person



Description



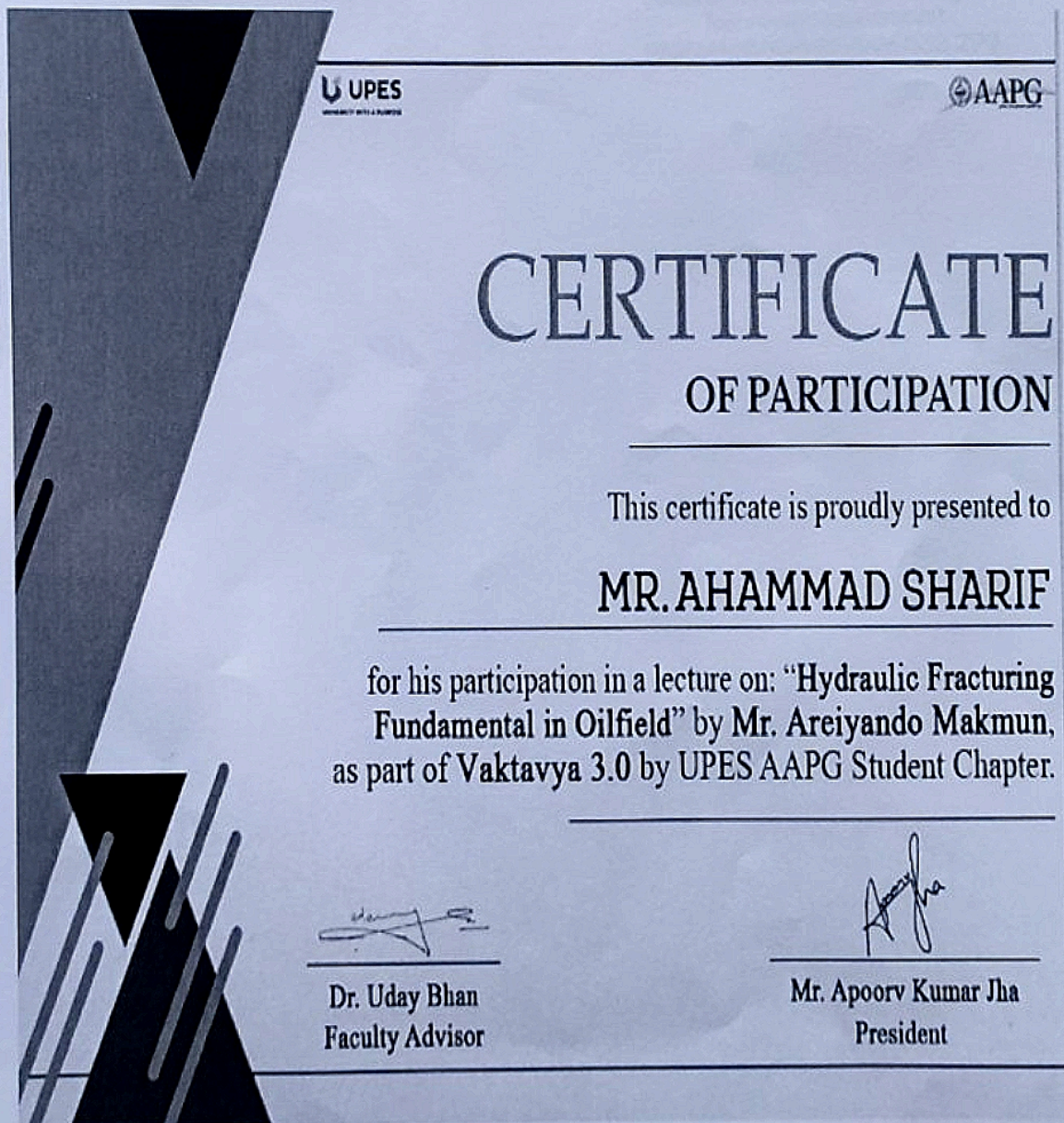
Hydraulic Fracturing is a well stimulation technique commonly used in low permeability rocks like shale, in order to increase the flow rate of liquids such as oil and gas from the petroleum bearing rock formations.

To provide a deeper insight into the hydraulic fracturing in oilfields, We, UPES AAPG Student Chapter organized this webinar featuring Mr. Areiyando Makmun, Instructor for Schlumberger Next Training and IATMI, as our featured guest speaker, under the banner of Vaktavya 3.0.

The session educated our engineers in the making with knowledge and insights on fundamentals of hydraulic fracturing and emphasize on the importance of hydraulic fracturing, its need, its pros and cons and how it could be used as an effective tool to come with better production of crude oil.

List of Participants

1. Mr Md Ahammad Sharif





Signatures of participants with date

1. MrMd Ahammad Sharif

Head of the Department

Signature with date

Head of the Department,

Department of Petroleum Engineering
Godavari Institute of Engineering and
Technology (Autonomous)

RAJAMAHENDRAVARAM-533 296

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Godavari Institute of Engineering & Technology (A) **DP-71**

REPORT ON

Faculty Development Program on Data Science with R Programming

Date (s): 01/08/2022 to 05/08/2022



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP



AUTONOMOUS
NAAC 'A' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Brief Report of the FDP

Advancements in science and technology has made application of data science and analytics essential for all the disciplines. One of the most common tools used for data science with 'R' programming language. To enhance the knowledge and skills of faculty members on data and text analysis, five day Faculty development Programme from 01st August to 5th August, 2022 was organized by NITTR, Chandhigarh on "Data Science Using R". This FDP was specially designed for faculty members of IT and management department. The FDP was aimed at enhancing the skill set of Faculty, Researchers, IT professionals and Scientists of R & D labs. It aimed to enable them to do data and text analysis effectively and also enhance their ability to analyse large data sets from social web sites. FDP received a good response from other colleges. Faculty members and researchers from various other colleges participated in the FDP hospitality is very impressive and overall session was very well organised.

Focus area covered in the FDP were:

1. Introduction to Data Analysis
2. Data Pre - processing using R
3. Regression Analysis and its Application
4. Data Clustering and Classification
5. Textual Data Analysis

The first day of FDP program started with the inaugural session, in which Dr. Manjot Kaur Bhatia, Professor(IT), NITTR interacted with the participants and gave an overview, on the techniques and principles of Data analysis. Resource person for both the days of FDP was Dr. Reema Aswani, Research, Associate, Indian Institute of Delhi. She shared her knowledge on data analysis and various tools used for data analysis. Hands on session on introduction, Installation and data analytics part of R programming language was done on the first day.

On Second day to last day of FDP, regression analysis, data clustering and classification techniques were conducted. Practical sessions on "Twitter data Analysis" and sentiment analysis were conducted. All the faculties benefited a lot from these practiced session on sentiment analysis. The FDP closed with the valedictory session in which, Dr. Praveen Arora, HOD-IPU Affiliated Programs and Dr. Manjot Kaur Bhatia, convener for the FDP, distributed the certificates to the participants. Vote of Thanks to all the resource persons and participants was given by Ms. Bhavna Galhotra Assistant Professor(IT), NITTR.



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Brochure



राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान (एनआईटीटीटीआर), चंडीगढ़
(शिक्षा मंत्रालय, भारत सरकार)
National Institute of Technical Teachers Training and Research, Chandigarh
(Ministry of Education, Government of India)

Organising by Computer Science & Engineering Department

Faculty Development Program on Data Science using R

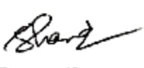
Dates: 01-08-2022 to 05-08-2022

For other details visit website

<https://nitttrchd.ac.in/>

For Registrations: <https://fdp.nitttrchd.ac.in/backingup/partiregister.php>

Certificates

	Certificate No: 106/22		
National Institute of Technical Teachers Training and Research Chandigarh MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA Certificate <i>This is to certify that</i> K V K SASIKANTH GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY AUTONOMOUS, RAJAHMUNDRY ANDHRA PRADESH <i>Participated in the AICTE Recognized Faculty Development Programme</i> on Data Science using R <i>Conducted by</i> Computer Science and Engineering Department from 01/08/2022 to 05/08/2022 (One Week) at NITTTR, Chandigarh			
	 Coordinator	 Head of Department	 Director



AUTONOMOUS
NAAC A+ INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71



Certificate No: 106/22

**National Institute of
Technical Teachers Training and Research
Chandigarh**

MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA

Certificate

This is to certify that

V AJAY KUMAR

**GODAVARI INSTITUTE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS, RAJAHMUNDRY
ANDHRA PRADESH**

Participated in the AICTE Recognized Faculty Development Programme

on

Data Science using R

Conducted by

Computer Science and Engineering Department

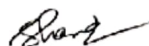
from

01/08/2022 to 05/08/2022 (One Week)

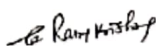
at

NITTTR, Chandigarh





Coordinator

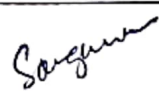
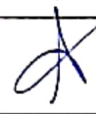
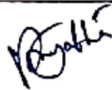
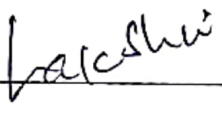


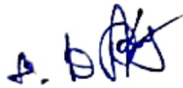
Head of Department



Director

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Dr. M V Sangameswar	Professor	
2	Mr.V Ajay Kumar	Assistant Professor	
3	Mrs B Sujatha	Assistant Professor	
4	Mr.KVK SasiKanth	Assistant Professor	
5	Ms. Gowri Sree Lakshmi	Assistant Professor	



Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE

Signature with date

Head of the Department

Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
Plot-16, Chaitanya Knowledge City,
MAHENDRAVARAM, A.P. India, 522 206.



Godavari Institute of Engineering & Technology (A) **DP-71**

REPORT ON

Data Base Management Systems (NPTEL Course)

Date (s): 01-01-2023 to 31-03-2023



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

Brief Report of the FDP

Prof. Partha Pratim Das, Prof. Samiran Chattopadhyay, IIT Kharagpur covered all the concepts with detail explanation and organized questioner section enable to ask question related to the discussed topics. Overall the course organised with good content. I than IITM for organizing and I also tank principal and management for allowing me to attend this FDP.

Course Content:

- Week 1: Course Overview. Introduction to RDBMS
- Week 2: Structured Query Language (SQL)
- Week 3: Relational Algebra. Entity-Relationship Model
- Week 4: Relational Database Design
- Week 5: Application Development. Case Studies. Storage and File Structure
- Week 6: Indexing and Hashing. Query Processing
- Week 7: Query Optimization. Transactions (Serializability and Recoverability)
- Week 8: Concurrency Control. Recovery Systems. Course Summarization.

Certificates



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

KANCHARLA NAGABABU

for successfully completing the course

Data Base Management System

with a consolidated score of **57 %**


Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jan-Mar 2023)

Roll No: NPTEL23CS41S35640040

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Mr. K Nagababu	Assistant Professor	<i>K Nagababu</i>
2			
3			

Dr. B. Sujatha

Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM, A.P. India, 533 293.

REPORT ON

Workshop on Designing & Modeling of IOT, AI&ML Systems

Date (s): 01/08/2022 to 05/08/2022



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Brief Report of the FDP

The Workshop on Designing & Modeling of IoT, AI & ML Systems, sponsored by AICTE and conducted by ARM, proved to be an enriching educational experience. It equipped participants with practical knowledge and insights into the world of IoT, AI, and ML systems. I would like to extend my gratitude to both AICTE and ARM for organizing this workshop and making it accessible to students and professionals alike.

I would like to express my appreciation to the organizers, presenters, and fellow participants for their contributions to the success of this workshop.

Day wise schedule of the event:

Day 01

IoT Market and Ecosystem Overview (Market, Architecture, Ecosystem, Getting started)

Topics:

Introduction: IoT Evolutions

IoT – End-to-end system architecture

Getting started with IoT Development platform Azure RTOS

Day 02

Connectivity Details (Wireless – Short/Long Range, BLE Mesh, Live Demo)

Topics:

Connectivity & beyond: wireless connectivity technologies for IoT;

Connectivity: case studies;

Showcasing quick prototypes with Bluetooth® LE;

Discussion on Edex and IoT

Day 03

Cloud and Security

Topics:

Cloud and security: connecting MCU-IoT devices to the cloud with Microsoft Azure;

Security framework for embedded systems;

App /Web development

Day 04

Edge AI concepts and TinyML cookbook details

Topics:

Introduction to Edge AI: Edge AI needs and evolutions;

Foundational understanding on AI and ML;

ML on microcontrollers (TinyML)Day 05

Edge AI modelling concepts and STM32Cube.AI/NanoEdge AI tools details

Topics:

Deep dive into Edge AI: framework and modelling concepts overview on AI;

Introduction and practical walkthrough on NanoEdge AI Studio tool;

Converting Neural Network models into optimized code for microcontrollers: STM32Cube.AI tool

Brochure



01st August 2022 to 05 August 2022




life.augmented



with support from:




Designing and Modelling of IoT, AI & ML Systems

For All India Council for Technical Education (AICTE), Arm Education, STMicroelectronics, with support from Microsoft and NIELIT Calicut.

This is a 5-day (01st August 2022 to 05 August 2022) workshop co-organized by All India Council for Technical Education (AICTE), Arm Education, STMicroelectronics, with support from Microsoft and NIELIT Calicut.

In this 5-day workshop, faculty members and nominated students learn about IoT and ML technologies, starting from the fundamentals up to the latest innovations including demonstrations of real-life use cases. After the virtual workshop, faculty members and up to 4 nominated students, who have participated, are eligible to enroll in the "The Inventors Challenge" as a team where they can submit ideas on creating the IoT products of the future. The short-listed teams will receive an STM32 board for creating the prototype.

Topics

Day1 IoT Industry Trends.pdf

Day2 Getting Started with Arm Education Online

Day3 Shailendra AzureIoT Central presentation

Day4 Introduction to AI basics.pdf

Day5 Converting Neural Networks model into

The Inventors Challenge: nurturing tech innovation

Learn more about the contest here >

The Inventors Challenge Ceremony 2022

Background Arm and All India Council for Technical Education have academic partnership and signed...

Apnava Varma

The Inventors Challenge: semifinalists details
Serial Number Faculty Name Name of the students in the Team Institute Name Name of the...

Sruja Gunasekaran

Evaluation Criteria for Idea Submission -

Inventors...

Please find the evaluation criteria below. You can download the criteria at the end of this post. If...

Apnava Varma

Evaluation team profiles

Alok Mittal Senior Group Manager SRA, Innovation and Collaborations – APAC STMicroelectronics...

Arm Offices

Global Headquarters

110 Fulbourn Road

Cambridge, UK

CB1 9NJ

Tel: +44 (1223) 400 400 [main reception]



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Certificates



This is to certify that

S SUGUNA SRI

from

Godavari Institute of Engineering and Technology

has participated in the workshop

Designing and Modelling of IoT, AI & ML Systems

Organized by – All India Council for Technical Education (AICTE),
ATAL Academy, Arm Education and STMicroelectronics
from August 1st to 5th 2022

Mamta Rani Agarwal
Advisor A
ATAL Academy

Arnaud Julienne
Vice-President,
Microcontrollers and Digital ICs Group,
IoT/AI Competence Center and Digital Marketing,
China and APAC, STMicroelectronics

Guru Ganesan
Managing Director and President,
Arm India

Dr Khaled Benkrid
Senior Director,
Education and Research,
Arm Ltd



This is to certify that

Y SAI NAGA BABU

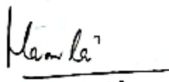
from

Godavari Institute of Engineering and Technology

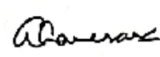
has participated in the workshop

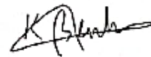
Designing and Modelling of IoT, AI & ML Systems

Organized by – All India Council for Technical Education (AICTE),
ATAL Academy, Arm Education and STMicroelectronics
from August 1st to 5th 2022


Mamta Rani Agarwal
Advisor I,
ATAL Academy


Arnaud Julienne
Vice President,
Microcontrollers and Digital ICs Group,
IoT/AI Competence Center and Digital Marketing,
China and APAC, STMicroelectronics


Guru Ganesan
Managing Director and President,
Arm India


Dr Khaled Benkrid
Senior Director,
Education and Research,
Arm Ltd



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Dr. B. Sujatha	Professor & HOD-CSE	
2	Dr. T.V. Prasad	Professor & Director IQAC	
3	Mrs S Suguna Sri	Assistant Professor	
4	Mr.D.OM Prakash	Assistant Professor	
5	Mr.CH.Anil Chowdary	Assistant Professor	
6	Mr.A.Siva Kumar	Assistant Professor	
7	Mrs.N. Mamatha Voilet	Assistant Professor	
8	Mrs.K.N.V.Ramya Devi	Assistant Professor	
9	Mrs.P. Kranthi Kumari	Assistant Professor	
10	Mr.Y.Sai Naga Babu	Assistant Professor	
11	Mrs.M Harika Chowdary	Assistant Professor	

Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
NH-16, Chaitanya Knowledge City,
RAJAMAHENDRAVARAM. A.P. India, 533 295.



Godavari Institute of Engineering & Technology (A) **DP-71**

REPORT ON

Cloud Computing and Distributed Systems (NPTEL Course)

Date (s): 01-01-2023 to 31-03-2023



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP



AUTONOMOUS
NAAC 'A' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Brief Report of the FDP

Cloud computing is the on-demand delivery of computations, storage, applications, and other IT resources through a cloud services platform over the internet with pay-as-you-go business model. Today's Cloud computing systems are built using fundamental principles and models of distributed systems. In this course I learned distributed computing "concepts", distributed algorithms, and the techniques, that underlie today's cloud computing technologies. The cloud computing and distributed systems concepts and covered in course includes: virtualization, cloud storage: key-value/NoSQL stores, cloud networking, fault-tolerance cloud using PAXOS, peer-to-peer systems, classical distributed algorithms such as leader election, time, ordering in distributed systems, distributed mutual exclusion, distributed algorithms for failures and recovery approaches, emerging areas of big data and many more. And while discussing the concepts and techniques, Prof. Rajiv Misra clearly explained all the topics and given good examples to understand the course. I thank management and principal for giving this opportunity.

Course Content:

Week 1: Introduction to Clouds, Virtualization and Virtual Machine

- 1 Introduction to Cloud Computing: Why Clouds, What is a Cloud, Whats new in todays Clouds, Cloud computing vs. Distributed computing, Utility computing, Features of today's Clouds: Massive scale, AAS Classification: HaaS, IaaS, PaaS, SaaS, Data-intensive Computing, New Cloud Paradigms, Categories of Clouds: Private clouds, Public clouds
- 2 Virtualization: What's virtualization, Benefits of Virtualization, Virtualization Models: Bare metal, Hosted hypervisor
- 3 Types of Virtualization: Processor virtualization, Memory virtualization, Full virtualization, Para virtualization, Device virtualization
4. Hotspot Mitigation for Virtual Machine Migration: Enterprise Data Centers, Data Center Workloads, Provisioning methods, Sandipiper Architecture, Resource provisioning, Black-box approach, Gray-box approach, Live VM Migration Stages, Hotspot Mitigation

Week 2: Network Virtualization and Geo-distributed Clouds

1. Server Virtualization: Methods of virtualization: Using Docker, Using Linux containers, Approaches for Networking of VMs: Hardware approach: Single-root I/O virtualization (SR-IOV), Software approach: Open vSwitch, Mininet and its applications
2. Software Defined Network: Key ideas of SDN, Evolution of SDN, SDN challenges, Multi-tenant Data Centers: The challenges, Network virtualization, Case Study: VL2, NVP
3. Geo-distributed Cloud Data Centers: Inter-Data Center Networking, Data center interconnection techniques: MPLS, Google's B4 and Microsoft's Swan

Week 3: Leader Election in Cloud, Distributed Systems and Industry Systems

1. Leader Election in Rings (Classical Distributed Algorithms): LeLann-Chang-Roberts (LCR) algorithm, The Hirschberg and Sinclair (HS) algorithm



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Godavari Institute of Engineering & Technology (A) DP-71

2. Leader Election (Ring LE & Bully LE Algorithm): Leader Election Problem, Ring based leader election, Bully based leader election, Leader Election in Industry Systems: Google's Chubby and Apache Zookeeper
3. Design of Zookeeper: Race condition, Deadlock, Coordination, Zookeeper design goals, Data model, Zookeeper architecture, Sessions, States, Usecases, Operations, Access Control List (ACL), Zookeeper applications: Katta, Yahoo! Message Broker

Week 4: Classical Distributed Algorithms and the Industry Systems

1. Time and Clock Synchronization in Cloud Data Centers: Synchronization in the cloud, Key challenges, Clock Skew, Clock Drift, External and Internal clock synchronization, Christians algorithm, Error bounds, Network time protocol (NTP), Berkley's algorithm, Datacenter time protocol (DTP), Logical (or Lamport) ordering, Lamport timestamps, Vector timestamps
2. Global State and Snapshot Recording Algorithms: Global state, Issues in Recording a Global State, Model of Communication, Snapshot algorithm: Chandy-Lamport Algorithm
3. Distributed Mutual Exclusion: Mutual Exclusion in Cloud, Central algorithm, Ring-based Mutual Exclusion, Lamport's algorithm, Ricart-Agrawala's algorithm, Quorum-based Mutual Exclusion, Maekawa's algorithm, Problem of Deadlocks, Handling Deadlocks, Industry Mutual Exclusion : Chubby

Week 5: Consensus, Paxos and Recovery in Clouds

1. Consensus in Cloud Computing and Paxos: Issues in consensus, Consensus in synchronous and asynchronous system, Paxos Algorithm
2. Byzantine Agreement: Agreement, Faults, Tolerance, Measuring Reliability and Performance, SLIs, SLOs, SLAs, TLAs, Byzantine failure, Byzantine Generals Problem, Lamport-Shostak-Pease Algorithm, Fischer-Lynch-Paterson (FLP) Impossibility
3. Failures & Recovery Approaches in Distributed Systems: Local checkpoint, Consistent states, Interaction with outside world, Messages, Domino effect, Problem of Livelock, Rollback recovery schemes, Checkpointing and Recovery Algorithms: Koo-Toueg Coordinated Checkpointing Algorithm

Week 6: Cloud Storage: Key-value stores/NoSQL

1. Design of Key-Value Stores: Key-value Abstraction, Key-value/NoSQL Data Model, Design of Apache Cassandra, Data Placement Strategies, Snitches, Writes, Bloom Filter, Compaction, Deletes, Read, Membership, CAP Theorem, Eventual Consistency, Consistency levels in Cassandra, Consistency Solutions
2. Design of HBase: What is HBase, HBase Architecture, Components, Data model, Storage Hierarchy, Cross-Datacenter Replication, Auto Sharding and Distribution, Bloom Filter, Fold, Store, and Shift

Week 7: P2P Systems and their use in Industry Systems

1. Peer to Peer Systems in Cloud Computing: Napster, Gnutella, FastTrack, BitTorrent, DHT, Chord, Pastry and Kelips.

Week 8: Cloud Applications: MapReduce, Spark and Apache Kafka



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1. MapReduce: Paradigm, Programming Model, Applications, Scheduling, Fault-Tolerance, Implementation Overview, Examples
2. Introduction to Spark: Resilient Distributed Datasets (RDDs), RDD Operations, Spark applications: Page Rank Algorithm, GraphX, GraphX API, GraphX working
3. Introduction to Kafka: What is Kafka, Use cases for Kafka, Data model, Architecture, Types of messaging systems, Importance of brokers

Certificates:



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DR ASHOK KOUJALAGI
for successfully completing the course

Cloud Computing and Distributed Systems

with a consolidated score of **67** %

Online Assignments	22.75/25	Proctored Exam	44.25/75
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Total number of candidates certified in this course: 2219

Pathish

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2023

(8 week course)

Satyaki Roy

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23CS27535/70033

To validate the certificate



No. of credits recommended: 2 or 3



AUTONOMOUS
NAAC 'A' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Dr Ashok Koujalagi	Assistant Professor	
2			
3			



Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
16, Chaitanya Knowledge City,
Mahendravaram, A.P. India, 533 296.



Godavari Institute of Engineering & Technology (A) **DP-71**

REPORT ON

Introduction to Machine Learning (NPTEL Course)

Date (s): 01-01-2023 to 30-04-2023



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP



AUTONOMOUS
NAAC 'A' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Brief Report of the FDP

In this course I learned some of the basic concepts of machine learning from a mathematically well motivated perspective. This course covered the different learning paradigms and some of the more popular algorithms. Prof. Balaraman Ravindran, IIT Madras given clear information and good interaction and overall is very usefull for me to enhance the knowledge and transform same to the studnts. I thank management and principal for allowing me to attend this workshop.

Course Content:

- Week 0: Probability Theory, Linear Algebra, Convex Optimization - (Recap)
- Week 1: Introduction: Statistical Decision Theory - Regression, Classification, Bias Variance
- Week 2: Linear Regression, Multivariate Regression, Subset Selection, Shrinkage Methods, Principal Component Regression, Partial Least squares
- Week 3: Linear Classification, Logistic Regression, Linear Discriminant Analysis
- Week 4: Perceptron, Support Vector Machines
- Week 5: Neural Networks - Introduction, Early Models, Perceptron Learning, Backpropagation, Initialization, Training & Validation, Parameter Estimation - MLE, MAP, Bayesian Estimation
- Week 6: Decision Trees, Regression Trees, Stopping Criterion & Pruning loss functions, Categorical Attributes, Multiway Splits, Missing Values, Decision Trees - Instability Evaluation Measures
- Week 7: Bootstrapping & Cross Validation, Class Evaluation Measures, ROC curve, MDL, Ensemble Methods - Bagging, Committee Machines and Stacking, Boosting
- Week 8: Gradient Boosting, Random Forests, Multi-class Classification, Naive Bayes, Bayesian Networks
- Week 9: Undirected Graphical Models, HMM, Variable Elimination, Belief Propagation
- Week 10: Partitional Clustering, Hierarchical Clustering, Birch Algorithm, CURE Algorithm, Density-based Clustering
- Week 11: Gaussian Mixture Models, Expectation Maximization
- Week 12: Learning Theory, Introduction to Reinforcement Learning, Optional videos (RL framework, TD learning, Solution Methods, Applications)

Certificates



NPTEL Online Certification
(Funded by the MoE, Govt. of India)



This certificate is awarded to
D PHANI KUMAR
for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **52** %

Online Assignments	22.35/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **1816**

Devendra Jalihal
Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangara
Prof. Andrew Thangara
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS18554500012	To validate the certificate		No. of credits recommended: 3 or 4
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Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Mr. D. Phani Kumar	Assistant Professor	

B. Sujatha
Head of the Department: Dr. B. Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
1-16, Chaitanya Knowledge City,
MAHENDRAVARAM, A.P. India, 533 296.



Godavari Institute of Engineering & Technology (A) **DP-71**

REPORT ON

The Joy of Computing Using Python (NPTEL Course)

Date (s): 02-01-2023 to 30-04-2023



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP



AUTONOMOUS
NAAC 'A' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Brief Report of the FDP

Prof. Sudarshan Iyengar and Prof. Yayati Gupta are experienced in teaching python from last four years and Prof. Sudarshan and Prof. Yavati covered all the concepts with detail explanation and organized questioner section enable to ask question related to the discussed topics. Overall the course organised with good content. I thank IIT Ropar for organizing and I also tank principal and management for allowing me to attend this FDP.

Course Content:

- Motivation for Computing
- Welcome to Programming!!
- Variables and Expressions : Design your own calculator
- Loops and Conditionals : Hopscotch once again
- Lists, Tuples and Conditionals : Lets go on a trip
- Abstraction Everywhere : Apps in your phone
- Counting Candies : Crowd to the rescue
- Birthday Paradox : Find your twin
- Google Translate : Speak in any Language
- Currency Converter : Count your foreign trip expenses
- Monte Hall : 3 doors and a twist
- Sorting : Arrange the books
- earching : Find in seconds
- Substitution Cipher : What's the secret !!
- Sentiment Analysis : Analyse your Facebook data
- 20 questions game : I can read your mind
- Permutations : Jumbled Words
- Spot the similarities : Dobble game
- Count the words : Hundreds, Thousands or Millions.
- Rock, Paper and Scissor : Cheating not allowed !!
- Lie detector : No lies, only TRUTH
- Calculation of the Area : Don't measure.
- Six degrees of separation : Meet your favourites
- Image Processing : Fun with images
- Tic tac toe : Let's play
- Snakes and Ladders : Down the memory lane.
- Recursion : Tower of Hanoi
- Page Rank : How Google Works !!

Certificates



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SINGIDI SUGUNA SRI
for successfully completing the course

The Joy of Computing using Python

with a consolidated score of **55** %

Online Assignments	24.56/25	Proctored Exam	30.47/75
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Total number of candidates certified in this course: **10672**

Devendra Jalihal
Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20S44500193

To validate the certificate



No. of credits recommended: 3 or 4

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Singindi Suguna Sai	Assistant Professor	<i>Singindi</i>

Dr. B. Sujatha

Head of the Department: Dr. B. Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
3, Chaitanya Knowledge City,
JAYENDRAVARAM, A.P. India, 533 296.



Godavari Institute of Engineering & Technology (A) **DP-71**

REPORT ON

Data Science with Python (NPTEL Course)

Date (s): 01/01/2023 to 28/02/2023



**GODAVARI INSTITUTE OF ENGINEERING &
TECHNOLOGY (AUTONOMOUS)**

Chaitanya Knowledge City, NH-16, Rajahmundry 533296, AP

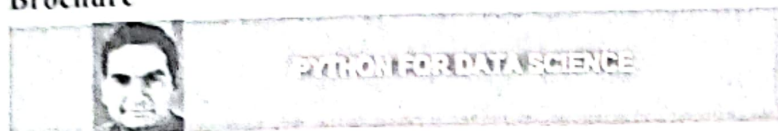
Brief Report of the FDP

Prof. Rengaswamy was a professor of Chemical Engineering, IIT Madras covered all the concepts with detail explanation and organized questioner section enable to ask question related to the discussed topics. Overall the course organised with good content. I than IITM for organizing and I also tank principal and management for allowing us to attend this FDP.

Course Content:

Week 1: BASICS OF PYTHON SPYDER (TOOL) • Introduction Spyder • Setting working Directory • Creating and saving a script file • File execution, clearing console, removing variables from environment, clearing environment • Commenting script files • Variable creation • Arithmetic and logical operators • Data types and associated operations	Week 3: Pandas dataframe and dataframe related operations on Toyota Corolla dataset 1. Reading files 2. Exploratory data analysis 3. Data preparation and preprocessing Data visualization on Toyoto Corolla dataset using matplotlib and seaborn libraries 1. Scatter plot 2. Line plot 3. Bar plot 4. Histogram 5. Box plot 6. Pair plot Control structures using Toyota Corolla dataset 1. if-else family 2. for loop 3. for loop with if break 4. while loop 5. Functions
Week 2: Sequence data types and associated operations • Strings • Lists • Arrays • Tuples • Dictionary • Sets • Range NumPy • ndArray	Week 4: CASE STUDY Regression 1. Predicting price of pre-owned cars Classification 1. Classifying personal income

Brochure



PROF. RADHYNATHAN RENGASAMY
Department of Chemical Engineering
IIT Madras

PRE-REQUISITES : Knowledge of basic data science algorithms

INTENDED AUDIENCE : Final Year Undergraduates

COURSE OUTLINE :

The course aims at equipping participants to be able to use python programming for solving data science problems

ABOUT INSTRUCTOR :

Prof. Rengasamy was a professor of Chemical Engineering before joining at IIT Madras as a professor and Co-Director of the Process Control and Optimization Consortium at Texas Tech University, Lubbock, USA. He was also a professor and associate professor at Clarkson University, USA and an assistant professor at IIT Bombay. His major research interests are in the areas of fault detection and diagnosis and development of data science algorithms for manufacturing industries.

COURSE PLAN :

Week 1:

BASICS OF PYTHON SPYDER (TOOL)

- Introduction Spyder
- Setting working Directory
- Creating and saving a script file
- File execution, clearing console, removing variables from environment, clearing environment
- Commenting script files
- Variable creation
- Arithmetic and logical operators
- Data types and associated operations

Week 2:

Sequence data types and associated operations

- Strings
- Lists
- Arrays
- Tuples
- Dictionary
- Sets
- Range

NumPy

- ndarray

Week 3:

Pandas: dataframe and dataframe related operations on Toyota Corolla dataset

1. Reading files
2. Exploratory data analysis
3. Data preparation and preprocessing

Data visualization on Toyota Corolla dataset using matplotlib and seaborn libraries

1. Scatter plot
2. Line plot
3. Bar plot
4. Histogram
5. Box plot
6. Pair plot

Control structures using Toyota Corolla dataset

1. For loop
2. For loop
3. For loop with if break
4. While loop
5. Functions

Week 4: CASE STUDY

Regression

1. Predicting price of pre-owned cars

Classification

1. Classifying personal income



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Certificates



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
KOLANU VENKATA KRISHNA SASIKANTH
for successfully completing the course

Python for Data Science

with a consolidated score of **57** %

Online Assignments	22/25	Proctored Exam	34.7/75
--------------------	-------	----------------	---------

Total number of candidates certified in this course: 4711

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2023

(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS21S45660228

To validate the certificate



No. of credits recommended: 1 or 2



AUTONOMOUS
NAAC 'A+' INSTITUTION

Godavari Institute of Engineering & Technology (A) **DP-71**



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
JALA PRASADARAO
for successfully completing the course

Python for Data Science

with a consolidated score of **55** %

Online Assignments	23.67/25	Proctored Exam	31.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4711**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2023

(4 week course)

Prof. Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22CS21535640023

To validate the certificate



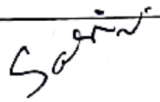
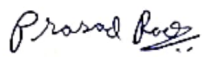
No. of credits recommended: 1 or 2



AUTONOMOUS
NAAC A++ INSTITUTION

Godavari Institute of Engineering & Technology (A) DP-71

Faculty Attended List

Sl No	Faculty Name	Designation	Signature
1	Mr. V Ajay Kumar	Assistant Professor	
2	Mrs N Gowri Sreelakshmi	Assistant Professor	
3	Mr K.V.K Sasikanth	Assistant Professor	
4	Mr. J Prasad Rao	Assistant Professor	



Head of the Department: Dr. B.Sujatha Professor, Dept. of CSE
Signature with date

Head of the Department
Computer Science & Engineering
Godavari Institute of Engineering & Technology (A)
NH-16, Chaitanya Knowledge City,
RAJAHMENDRAVARAM. A.P. India, 533 293.



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6.3.2
22-22

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAMME

**Organized by
Aditya College of Engineering (A), Surampalem**

Dates of Program: 24-01-2023 to 26-01-2023

REPORT ON FACULTY DEVELOPMENT PROGRAM

It brings me great pleasure to present a comprehensive report on the Faculty Development Program organized by Aditya College of Engineering (A), Surampalem held from the 24th January 2023 to 28th January 2023. The Induction Program was conducted by the Department of Electronics and Communication Engineering and focused on the topic of "RF Wireless Communication using Lab view". We had the privilege of attending all five days of this workshop, from beginning to end.

We must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, with participants being provided with a conducive environment for interactive learning. Throughout the course, we were fortunate to have three expert resource persons who shared their knowledge in an innovative and inspiring way.

The organizers ensured that all participants were comfortably accommodated and well-fed throughout the duration of the workshop. The food served was not only delicious but also healthy, which is a rare combination in such events.

Overall, we found every session to be informative, engaging, and practical. The FDP not only enriched my understanding of new skills and techniques to enhance my teaching potential. We are grateful for this opportunity and would highly recommend similar programs to my colleagues in academia.

We would like to express my sincerest gratitude to the management and academic administrators for their unwavering encouragement and support. With their backing, we are confident that this undertaking will mark a new epoch in the realm of teaching and learning. We vow to make strides towards a paradigm shift that will revolutionize the way education is imparted and received.



Aditya College of Engineering (AUTONOMOUS)

Approved By AICTE, Affiliated to JNTUK, Accredited by NBA, NAAC with 'A' Grade
Recognized by UGC under section 2(f) and 12(B) of UGC Act, 1956
Aditya Nagar, ADB Road, Surampalem-533437, E.G.Dist., AP



Certificate of Participation

This is to certify that

Dr/Mr./Ms. K. V. Lalitha has participated in Faculty Development Program on
"RF Wireless Communication Using Lab View" held from 24th January 2023 to 28th
January 2023 organized by Aditya College of Engineering (AUTONOMOUS)
, Surampalem

S. Vijaya Lakshmi

Head of The Department

R. Raju

Principal



Aditya College of Engineering (AUTONOMOUS)

Approved By AICTE, Affiliated to JNTUK, Accredited by NBA, NAAC with 'A' Grade
Recognized by UGC under section 2(f) and 12(B) of UGC Act, 1956
Aditya Nagar, ADB Road, Surampalem-533437, E.G.Dist., AP



Certificate of Participation

This is to certify that

Dr/Mr./Ms. K. C. N. Raju has participated in Faculty Development Program on
"RF Wireless Communication Using Lab View" held from 24th January 2023 to 28th
January 2023 organized by Aditya College of Engineering (AUTONOMOUS)
, Surampalem

S. Vijaya Lakshmi

Head of The Department

R. Raju

Principal

List of faculties attended to the program:

S. No	Faculty Name	Signature of faculty
1	Ms. K. V. Lalitha	<u>K. V. Lalitha</u>
2	Mr. K. C. N. Raju	<u>K. C. N. Raju</u>

B. S. L. N.

Head, HOD-ECE

ELECTRONICS & COMMUNICATION ENGINEERING
GOVERNMENT INSTITUTE OF
ENGINEERING & TECHNOLOGY (A)
Rajamahendravaram-533296



6
6.3.2
22-23

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAM

Organized by

**SESHADRI RAO GUDLAVALLERU ENGINEERING
COLLEGE (A)**

Dates of FDP: 02-02-2023 to 06-02-2023

FACULTY DEVELOPMENT PROGRAM

It brings me great pleasure to present a comprehensive report on the Faculty Development Program on "The Dynamics of Research: Prospects, Reflections and Best Practices" organized by Seshadri Rao Gudlavalleru Engineering College, held from 2nd February 2023 to 6th February 2023. The International Conference Program was conducted by the Department of Electronics and Communication Engineering and focused on the topic of "The Dynamics of Research: Prospects, Reflections and Best Practices". We had the privilege of attending all five days of this workshop, from beginning to end.

We must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, with participants being provided with a conducive environment for interactive learning. Throughout the course, we were fortunate to have three expert resource persons who shared their knowledge in an innovative and inspiring way.

The organizers ensured that all participants were comfortably accommodated and well-fed throughout the duration of the workshop. The food served was not only delicious but also healthy, which is a rare combination in such events.

Overall, we found every session to be informative, engaging, and practical. The Faculty Development Program not only enriched my understanding of new skills and techniques to enhance my teaching potential. We are grateful for this opportunity and would highly recommend similar programs to my colleagues in academia.

We would like to express my sincerest gratitude to the management and academic administrators for their unwavering encouragement and support. With their backing, we are confident that this undertaking will mark a new epoch in the realm of teaching and learning. We vow to make strides towards a paradigm shift that will revolutionize the way education is imparted and received.



Seshadri Rao Gudlavaluru Engineering College(AUTONOMOUS)

An Autonomous Institute with permanent affiliation to JNTUK, Kakinada
(Sponsored by A.A.N.M & V.V.R.S.R Educational Society, Gudlavaluru)
Approved by AICTE, New Delhi & Permitted by AP State Govt



Certificate of Participation

This is to certify that

Dr/Mr./Ms. G. Venkata Vinod has participated in Faculty Development Program on "The Dynamics of Research : Prospects, Reflections & Best Practices" held from 2nd February 2023 to 6th February 2023 organized by **SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE (AUTONOMOUS)**, Gudlavaluru

Ch. Kavitha

Head of The Department

C. A. A.

Principal



Seshadri Rao Gudlavaluru Engineering College(AUTONOMOUS)

An Autonomous Institute with permanent affiliation to JNTUK, Kakinada
(Sponsored by A.A.N.M & V.V.R.S.R Educational Society, Gudlavaluru)
Approved by AICTE, New Delhi & Permitted by AP State Govt



Certificate of Participation

This is to certify that

Dr/Mr./Ms. M. Saritha Devi has participated in Faculty Development Program on "The Dynamics of Research : Prospects, Reflections & Best Practices" held from 2nd February 2023 to 6th February 2023 organized by **SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE (AUTONOMOUS)**, Gudlavaluru

Ch. Kavitha

Head of The Department

C. A. A.

Principal

List of Faculty Attended the Program:

S. No	Faculty Name	Signature of faculty
1	Mr. Gollapalli Venkata Vinod	<u>G. V. V.</u>
2	Ms. Muppidi Saritha Devi	<u>M. S. D.</u>
3	Mr. Nakkina Murali Ramalingeswara Rao	<u>N. M. R. Rao</u>
4	Dr. Sunkara Venkata Rama Kondalarao	<u>S. V. R. Kondalarao</u>
5	Ms. Chaduvula Gowri	<u>Ch. G.</u>

B. S. G.

Head HOD-ECE ment
ELECTRONICS & COMMUNICATION ENGG
GODAVARI INSTITUTE OF
ENGINEERING & TECHNOLOGY (A)
Rajamahendravaram-533 296.



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22-23

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAM

Organized by

**JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY,
KAKINADA**

Dates of FDP: 27-01-2023 to 28-01-2023

REPORT ON FACULTY DEVELOPMENT PROGRAM

It brings me great pleasure to present a comprehensive report on the Faculty Development Program organized by Jawaharlal Nehru Technological University, Kakinada, held from the 27th January 2023 to 28th January 2023. The Faculty Development Program was conducted by the Department of Electronics and Communication Engineering and focused on the topic of "MATLAB fundamentals and image processing toolbox ". We had the privilege of attending all two days of this program, from beginning to end.

We must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, with participants being provided with a conducive environment for interactive learning. Throughout the course, we were fortunate to have three expert resource persons who shared their knowledge in an innovative and inspiring way.

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We would like to express my sincerest gratitude to the management and academic administrators for their unwavering encouragement and support. With their backing, we are confident that this undertaking will mark a new epoch in the realm of teaching and learning. We vow to make strides towards a paradigm shift that will revolutionize the way education is imparted and received.



Jawaharlal Nehru Technological Institute Of
Technology Kakinada

Kakinada - 533003, Andhra Pradesh, India, www.jntuk.edu.in



Certificate of Participation

This is to certify that

Dr/Mr./Ms. K. Jyothi has participated in Faculty Development Program on
"Matlab Fundamentals & Image Processing Toolbox" held from 27th January 2023
to 28th January 2023 organized by JAWAHARLAL NEHRU TECHNOLOGICAL
INSTITUTE OF TECHNOLOGY KAKINADA, Kakinada

Head of The Department

Principal



Jawaharlal Nehru Technological Institute Of
Technology Kakinada

Kakinada - 533003, Andhra Pradesh, India, www.jntuk.edu.in



Certificate of Participation

This is to certify that

Dr/Mr./Ms. S. Suneetha has participated in Faculty Development Program on
"Matlab Fundamentals & Image Processing Toolbox" held from 27th January 2023
to 28th January 2023 organized by JAWAHARLAL NEHRU TECHNOLOGICAL
INSTITUTE OF TECHNOLOGY KAKINADA, Kakinada

Head of The Department

Principal

List of faculties attended to the program:

S. No	Faculty Name	Signature of faculty
1	Ms. Sunitha	
2	Ms. K. Jyothi	

HOD-ECE

Department of
ELECTRONICS & COMMUNICATIONS ENGINEERING
GODAVARI INSTITUTION FOR
ENGINEERING & TECHNOLOGY
Rajamahendravaram (K.V.V.V.)



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6.3.2
22-23

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAM

Organized by

**JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY,
KAKINADA**

Dates of FDP: 27/01/2023 to 28/01/2023

REPORT ON FACULTY DEVELOPMENT PROGRAM

It brings me great pleasure to present a comprehensive report on the Faculty Development Program organized by Jawaharlal Nehru Technological University, Kakinada, held from the 27th January 2023 to 28th January 2023. The Faculty Development Program was conducted by the Department of Electronics and Communication Engineering and focused on the topic of "Integrated Electronic Circuits Education using NI Platform". We had the privilege of attending all two days of this program, from beginning to end.

We must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, with participants being provided with a conducive environment for interactive learning. Throughout the course, we were fortunate to have three expert resource persons who shared their knowledge in an innovative and inspiring way.

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Jawaharlal Nehru Technological Institute Of
Technology Kakinada

Kakinada - 533003, Andhra Pradesh, India, www.jntuk.edu.in



Certificate of Participation

This is to certify that

Dr/Mr./Ms. Srinivasa Roula has participated in Faculty Development Program on "Integrated Electronic Circuits Education using NI Platform" held from 27th January 2023 to 28th January 2023 organized by JAWAHARLAL NEHRU TECHNOLOGICAL INSTITUTE OF TECHNOLOGY KAKINADA, Kakinada

Head of The Department

Principal



Jawaharlal Nehru Technological Institute Of
Technology Kakinada

Kakinada - 533003, Andhra Pradesh, India, www.jntuk.edu.in



Certificate of Participation

This is to certify that

Dr/Mr./Ms. Biswa Ranjan Barik has participated in Faculty Development Program on "Integrated Electronic Circuits Education using NI Platform" held from 27th January 2023 to 28th January 2023 organized by JAWAHARLAL NEHRU TECHNOLOGICAL INSTITUTE OF TECHNOLOGY KAKINADA, Kakinada

Head of The Department

Principal

List of faculties attended to the program:

S. No	Faculty Name	Signature of faculty
1	Mr. Srinivasa Roula	
2	Dr. Biswa Ranjan Barik	
3	Mr. Lenin Babu	

HOD-ECE

ELECTRONIC COMMUNICATIONS ENGINEERING
GOVT. ENGINEERING & TECHNOLOGY
KAKINADA



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6.2.2
72-27

GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

NPTEL PROGRAM

**Organized by
SWAYAM- IIT KHARGPUR, ROORKEE,
MADRAS**

Dates of FDP: Jan – Apr – 2023

REPORT ON

Three months certification course in NPTEL

Organized by NPTEL, SWAYAM, IIT- KHARGPUR, ROORKEE,
MADRAS

Date: Jan- Apr - 2023

Course: 1. NPTEL on "The Joy of Computing using Python"
2. NPTEL on " Introduction to Internet of Things"
3. NPTEL on " Effective Writing"

Speakers: 1. Dr. Yayati Gupta is an assistant professor at IIT Dharwad, Hubli.
2. Sudarshan Iyengar Indian Institute of Science IIT Ropar

Participants: Faculty members from other institutes

SWAYAM is a program initiated by Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching learning resources to all, including the most disadvantaged.

The Joy of Computing using Python is a popular online course offered by NPTEL (National Programme on Technology Enhanced Learning), which is a joint initiative of the Indian Institutes of Technology (IITs) and the Indian Institute of Science (IISc). The course covers the fundamental concepts of computer programming using Python, including data types, control structures, functions, file handling, and more. It is designed for beginners who have little or no programming experience.

The course consists of video lectures, quizzes, programming assignments, and a final exam. The lectures are delivered by experienced faculty members from the IITs and IISc, and are designed to be easy to understand and engaging. The quizzes and assignments help students to reinforce their learning and apply the concepts they have learned in practical programming exercises.

IOT Intelligent Applications are prebuilt software-as-a-service (SaaS) applications that can analyze and present captured IOT sensor data to business users via dashboards. We have a full set of IOT Intelligent Applications.

IOT applications use machine learning algorithms to analyze massive amounts of connected sensor data in the cloud. Using real-time IOT dashboards and alerts, you gain visibility into key performance indicators, statistics for mean

time between failures, and other information. Machine learning-based algorithms can identify equipment anomalies and send alerts to users and even trigger automated fixes or proactive counter measures.

With cloud-based IOT applications, business users can quickly enhance existing processes for supply chains, customer service, human resources, and financial services. There's no need to recreate entire business processes.



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
VENKATRAO PALACHARLA
for successfully completing the course



The Joy of Computing using Python

with a consolidated score of **95** %

Online Assignments	25/25	Proctored Exam	70.31/75
--------------------	-------	----------------	----------

Total number of candidates certified in this course: 10672

Devendra Jalihal
Prof. Devendra Jalihal
Chairman,
Centre for Outreach and Digital Education, IITM

Jan-Apr 2023
(12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23CS20543S60438

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
M LENIN BABU
for successfully completing the course



Effective Writing

with a consolidated score of **76** %

Online Assignments	24.5/25	Proctored Exam	51/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: 3804

Prof. Sanjeev Manhas
Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Feb 2023
(4 week course)

Prof. Priti Maheshwari
Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23H519S15890537

To validate the certificate



No. of credits recommended: 1 or 2



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SRINIVASH ROULA
for successfully completing the course

Introduction to Internet of Things

with a consolidated score of 76 %

Online Assignments	23.72/25	Proctored Exam	52.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 14770

Jan-Apr 2023
(12 week course)

Debajani
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur

Roll No: NPTEL23CS51564500244

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
SIMHADRI VADREU
for successfully completing the course

The Joy of Computing using Python

with a consolidated score of 62 %

Online Assignments	22.97/25	Proctored Exam	39.06/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 10672

Jan-Apr 2023
(12 week course)

Devendra
Prof. Devendra Jalihal
Coordinator,
Centre for Outreach and Digital Education, IITM



Indian Institute of Technology Madras

Roll No: NPTEL23CS20543860553

To validate the certificate



No. of credits recommended: 3 or 4





Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
CHADUVULA GOWRI
for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **82** %

Online Assignments	14.97/25	Proctored Exam	67.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 14770

Jan-Apr 2023
(12 week course)

Debjani
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51554500043

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
KALAHASTRI V LALITHA
for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **53** %

Online Assignments	21.66/25	Proctored Exam	31.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 14770

Jan-Apr 2023
(12 week course)

Debjani
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51514941834

To validate the certificate



No. of credits recommended: 3 or 4

**Elite**

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
KILARI JYOTHI
 for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **81** %

Online Assignments	22.25/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **14770**

Jan-Apr 2023
 (12 week course)

Debjani
 Prof. Debjani Chakraborty
 Coordinator, NPTEL
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS51554500123

To validate the certificate



No. of credits recommended: 3 or 4

The following faculties are attended:

S. No	Faculty Name	Name of Course	Signature of faculty
1	Mr. Srinivasa Roula	Introduction to Internet of Things	<i>Roula</i>
2	Ms. Ch. Gowri	Introduction to Internet of Things	<i>Ch. Gowri</i>
3	Ms. K. V. Lalitha	Introduction to Internet of Things	<i>K.V. Lalitha</i>
4	Ms. K. Jyoyhi	Introduction to Internet of Things	<i>Jyoyhi</i>
5	Dr. V. Simhadri	The Joy of Computing using Python	<i>V. Simhadri</i>
6	Dr. P Venkat Rao	The Joy of Computing using Python	<i>P. Venkat Rao</i>
7	Mr. M. Lenin Babu	Effective Writing	<i>Lenin Babu</i>

B. S. G.

HOD-ECE
 Department of
 ELECTRONICS & COMMUNICATION ENGINEERING
 GOOVARU INSTITUTE OF
 ENGINEERING & TECHNOLOGY
 Palamuhendiyerani-533 296

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6.3.2
22-23



GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAM

Organized by

**PRAGATI ENGINEERING COLLEGE (AUTONOMOUS),
Surampalem**

Dates of FDP: 26/11/2022 to 30/11/2022

REPORT ON FACULTY DEVELOPMENT PROGRAM

It brings me great pleasure to present a comprehensive report on the Faculty Development Program organized by Jawaharlal Nehru Technological University, Kakinada, held from the 26th November 2022 to 30th November 2022. The Faculty Development Program was conducted by the Department of Electronics and Communication Engineering and focused on the topic of "How Teachers can make a difference ". We had the privilege of attending all five days of this program, from beginning to end.

We must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, with participants being provided with a conducive environment for interactive learning. Throughout the course, we were fortunate to have three expert resource persons who shared their knowledge in an innovative and inspiring way.

The organizers ensured that all participants were comfortably accommodated and well-fed throughout the duration of the workshop. The food served was not only delicious but also healthy, which is a rare combination in such events.

Overall, we found every session to be informative, engaging, and practical. The Faculty Development Program not only enriched my understanding of new skills and techniques to enhance my teaching potential. We are grateful for this opportunity and would highly recommend similar programs to my colleagues in academia.

We would like to express my sincerest gratitude to the management and academic administrators for their unwavering encouragement and support. With their backing, we are confident that this undertaking will mark a new epoch in the realm of teaching and learning. We vow to make strides towards a paradigm shift that will revolutionize the way education is imparted and received.



PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)



Certificate of Participation

This is to certify that

Dr/Mr./Ms. Pothumudi Darwin has participated in Faculty Development Program on
"How Teachers can make a difference" held from 26th November 2022 to 30th November
2022 organized by PRAGATI ENGINEERING COLLEGE (AUTONOMOUS), Surampalem

Saleges

Head of The Department

Sofur

Principal



PRAGATI ENGINEERING COLLEGE
(AUTONOMOUS)



Certificate of Participation

This is to certify that

Dr/Mr./Ms. S. Anantha Lakshmi has participated in Faculty Development Program on
"How Teachers can make a difference" held from 26th November 2022 to 30th November
2022 organized by PRAGATI ENGINEERING COLLEGE (AUTONOMOUS), Surampalem

Saleges

Head of The Department

Sofur

Principal

List of faculties attended to the program:

S. No	Faculty Name	Signature of faculty
1	Mr. P. Darwin	<i>P. Darwin</i>
2	Ms. S. Anantha Lakshmi	<i>S. Anantha Lakshmi</i>
3	Mr. Srinivasa Roula	<i>S. Roula</i>
4	Mr. Acharullu	<i>Acharullu</i>

Saleges
HOD-ECE

Head of the Department
Department of
ELECTRONICS & COMMUNICATIONS ENGINEERING
GOUDARI SRI
ENGINEERING & TECHNOLOGY (AUTONOMOUS)
Surampalem - 522 202



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GODAVARI INSTITUTE OF ENGINEERING & TECHNOLOGY

A Report on

FACULTY DEVELOPMENT PROGRAM

Organized by

**JAWAHARLAL NEHRU TECHNOLOGY UNIVERSITY,
KAKINADA**

Dates of FDP: 15/07/2022 to 21/07/2022

REPORT ON FACULTY DEVELOPMENT PROGRAM

It brings me great pleasure to present a comprehensive report on the Faculty Development Program organized by Jawaharlal Nehru Technological University, Kakinada, held from the 15th of July 2022 to the 21st of July 2022. The Faculty Development Program was conducted by the Department of Electronics and Communication Engineering and focused on the topic of "Digital Signal Processing System Design ". We had the privilege of attending all seven days of this program, from beginning to end.

We must say that it was an invigorating experience that rekindled my passion for learning and teaching. The first inaugural session set a positive tone for the entire program, with participants being provided with a conducive environment for interactive learning. Throughout the course, we were fortunate to have three expert resource persons who shared their knowledge in an innovative and inspiring way.

The organizers ensured that all participants were comfortably accommodated and well-fed throughout the duration of the workshop. The food served was not only delicious but also healthy, which is a rare combination in such events.

Overall, we found every session to be informative, engaging, and practical. The Faculty Development Program not only enriched my understanding of new skills and techniques to enhance my teaching potential. We are grateful for this opportunity and would highly recommend similar programs to my colleagues in academia.

We would like to express my sincerest gratitude to the management and academic administrators for their unwavering encouragement and support. With their backing, we are confident that this undertaking will mark a new epoch in the realm of teaching and learning. We vow to make strides towards a paradigm shift that will revolutionize the way education is imparted and received.



Jawaharlal Nehru Technological Institute Of
Technology Kakinada

Kakinada - 533003, Andhra Pradesh, India, www.jntuk.edu.in



Certificate of Participation

This is to certify that

Dr/Mr./Ms. Pothumudi Darwin has participated in Faculty Development Program on "Digital Signal Processing System Design" held from 15th July 2022 to 21st July 2022 organized by JAWAHARLAL NEHRU TECHNOLOGICAL INSTITUTE OF TECHNOLOGY KAKINADA, Kakinada

Head of The Department

Principal



Jawaharlal Nehru Technological Institute Of
Technology Kakinada

Kakinada - 533003, Andhra Pradesh, India, www.jntuk.edu.in



Certificate of Participation

This is to certify that

Dr/Mr./Ms. V. Slnhadri has participated in Faculty Development Program on "Digital Signal Processing System Design" held from 15th July 2022 to 21st July 2022 organized by JAWAHARLAL NEHRU TECHNOLOGICAL INSTITUTE OF TECHNOLOGY KAKINADA, Kakinada

Head of The Department

Principal

List of faculties attended to the program:

S. No	Faculty Name	Signature of faculty
1	Mr. P. Darwin	
2	Dr. V. Slnhadri	
3	Dr. S. V. R. K. Rao	

HOD-ECE

ELECTRONICS & COMMUNICATION ENGINEERING
DEPARTMENT
JAWAHARLAL NEHRU TECHNOLOGICAL INSTITUTE OF
TECHNOLOGY (JNTUK) KAKINADA
Kakinada - 533003, Andhra Pradesh, India

REPORT ON

Faculty development program on
“UNIVERSAL HUMAN VALUES - II”

Dates: 23/08/2022 - 27/08/2022

Organised by

**Department of Electronics & Communication Engineering
Rajeev Gandhi Memorial College of Engineering & Technology
Nandyal – 518 501
Andhra Pradesh**

Guidelines:

- The eligible faculty members can register through either of the following links.

- <https://fdp-si.aicte-india.org/verifiedProgramDetailsList.php>
OR
- <https://forms.gle/sXLFyL9nKZ5z4Ep6>

OR
Scan the QR code



Mode of Conduct: Face-to-Face (Offline)

Important Dates:
Last date for submission of application: 21-08-2022
Duration of the programme: August 23-27, 2022

Accommodation & Food:
Free Accommodation will be provided for the participants by the host Institute.
Healthy and nutritious food including breakfast, lunch, tea & snacks and dinner will be provided.

Note: The FDP is completely residential programme.

To Reach Our Institution:

Please click the below link:

<https://goo.gl/maps/T8TG3CPWAjhCYgg97>

Nearest Railway Station:
Panyam - 4.0 km,
Nandyal - 10.7 km

Nearest Bus Station:
Nandyal - 12.7 km;
Kurnool - 66.6 km;

Nearest Airport:
Kurnool - 40.4 km;
Hyderabad - 262.3 km;
Kadapa - 134.8 km

Chief Patrons

Dr.M.Santhi Ramudu, Hon'ble Chairman
Mr. M.Sivaram, Managing Director
RGM Group of Institutions

Patrons

Dr. T.Jaya Chandra Prasad, Principal
Dr. D. V. Ashok Kumar, Dean- Administration & Placements

Co-Patrons

Dr. B.Rami Reddy, Dean- Students' Affairs
Dr.D.Satyanarayana, Professor, ECE & CoE

Convener

Dr.K.Mallikarjuna, Head of the Department of ECE

Advisory Committee

Dr.G.Prasanthi, AICTE Regional Co-ordinator for SIP (SCR), NCC-IP Member (Sub-committee)
Dr.Suneetha Yadav, Professor, English
Dr.G Sreenivasulu, HoD of CE
Dr.V.Naga Bhaskar Reddy, HoD of EEE
Dr. K. Tirupathi Reddy, HoD of ME
Dr. K. Subba Reddy, HoD of CSE
Dr.S.Sowjanya, HoD of MBA
Dr. K.V.Suryanarayana Rao, HoD of Mathematics
Dr. N. Ravi, HoD of Physics
Dr. A. Bala Krishna, HoD of Chemistry
Dr.Kousar Basha, HoD of English
Dr.Bhaskar Rao, HoD CSE-DS
Dr.Rajendra Prasad, HoD CSE-BS

Co-Convener

Dr.V.N.V. Satya Prakash, Professor, ECE

Coordinator

Ms.N.Fouzila Sulthana, Asst., Professor, ECE

Organizing Committee

Faculty Members and Students of Various Departments



**AICTE Sponsored
Faculty Development Programme-
Student Induction (FDP-SI)
on
Universal Human Values-II
Organized by
Department of Electronics &
Communication Engineering**

August 23-27, 2022



**RAJEEV GANDHI MEMORIAL COLLEGE OF
ENGINEERING & TECHNOLOGY
Nandyal - 518 501
Andhra Pradesh**



www.rgmcet.edu.in

About AICTE FDP-SI on UHV-II:

The Student Induction Programme [SIP] is to prepare newly admitted undergraduate students for the new stage in their life by facilitating a smooth transition from their home and school environment into the college and university environment. It is one of the mandatory programs in the AICTE Model Curriculum 2018 and is to be conducted during the first 3-weeks of the first semester before regular classes begin. It is to be coordinated by the Dean Students in every institution and involve key faculty members, alumni and student volunteers in delivery. To ensure the implementation of SIP, and in particular to prepare the faculty, AICTE formed a National Coordination Committee for Student Induction (NCC-IP).

The UHV-I module of SIP is its core module (there are 7 other modules). To conduct the UHV-I module effectively, well prepared UHV Faculty (Mentors) are required. The number of UHV Faculty to be prepared is as follows: 1 faculty for every 20 students (actual intake in 1st year) in each department of each college.

About RGM CET

The college was established in 1995 and is situated 10 km away from Nandyal on NH-40 (old 18) towards Kurnool. It has been setup with the aim to achieve technology excellence through innovation and with a motto of "EDUCATION for PEACE". It is approved by AICTE and accredited by NBA (Tier 1 - all eligible UG programs), New Delhi, Affiliated to JNTUA, Ananthapuram, Accredited by NAAC with A+ Grade, New Delhi UGC Conferred CPE Status, APSSDC-SIEMENS-TSDI, Recognized UGC DDU Kaushal Kendra. The college offers 9 U.G. programs, 7 P.G. programs and 7 research programs. The Institution possesses very good infrastructure and faculty.

Objective of the Program:

To make one to:

- To understand the role of the human being and the underlying harmony in nature, in existence, to live by it, and to develop an equitable and just society which ensures the wellbeing of all.
- To sensitize the participant about the scope of life - individual, family, society and nature/existence.

Requirements for AICTE Certificate of Participation:

Minimum Requirements:

Minimum 2 faculty from every discipline/branch
Minimum 1 faculty for every 3 units in 1st year curriculum

With the above criteria, the number of faculty to be prepared can be calculated by each department, by each college, by each university.

These FDPs are of an integrated nature, hence attendance in all sessions is essential to grasp the contents in their wholeness.

Minimum Eligibility for participation:

- One 3-day FDP-SI (UHV), if required for orientation
- One 8-day UHV FDP
- Weekly meeting with other UHV faculty in the college/university/city/state/region

Criteria to get Certificate of Participation:

Please note that AICTE will issue certificates only to those participants who successfully complete the Certification Criteria.

At least 90% attendance in all sessions (morning and afternoon/evening sessions). Attendance will be taken in every session

- Minimum 60% average marks in tests
- Completion of all assignments
- Additionally, active participation in all reflections (polls), all quizzes, pre and post-workshop survey, self-evaluation and submission of all assignments is essential



UHV Team



Dr. Gopal Babu

Facilitator, Ajay Kumar Garg Engineering College (AKGEC), Ghaziabad, Dr. Abdul Kalam Technical University (AKTU), Lucknow.



Dr. Vinay Chidri

Co-facilitator, Marathwada Institute of Technology, Aurangabad, Maharashtra



Dr. Prasanthi

Co-facilitator, Professor of Mechanical Engineering, JNTUA-CEA, Ananthapuram.



Dr. Parikshith

Observer, Shambhunath Institute of Engineering & Technology, Prayagraj U.P.

Selection Criteria:

Selection will be done based on first-cum-first-serve and the confirmed candidates will be notified immediately. The maximum number of participants is 100. The list of selected participants, schedule and other relevant information will be sent to their registered Email-ids.

Address for Correspondence

Ms. N.Fouzila Sulthana
Local Programme Coordinator
Department of ECE
RGM CET - Nandyal.
E-mail Id: fouzila.ulf@gmail.com
Mobile No.: 9299450420

F.No AICTE/FDP-SI/ERO/242/148171



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI

Certificate of Participation

This is to certify that **Mr. Mohammed Abdul Shafeeq** from **Godavari Institute of Engineering and Technology, Rajahmundry** has participated and successfully completed the **5-day Face-to-Face UHV-II FDP** organized by **All India Council for Technical Education (AICTE)** at **Rajeev Gandhi Memorial College of Engineering and Technology Autonomous, Nandyal** from **23rd August to 27th August 2022**.


Dr. Rajneesh Arora
 Chairman
 National Coordination Committee for Induction Program


Prof. Rajive Kumar
 Member Secretary, AICTE

Face to Face UHV-II was conducted in Rajeev Gandhi Memorial College of Engineering and Technology (A), Nandyal from 23-27 August 2022. The topics covered are basic aspiration, Right Understanding, Right Feelings and Physical facilities, Need, Content, Process, guidelines of value education, Self – exploration, Natural Acceptance, Define and explain Happiness and prosperity, current scenario of Happiness and prosperity



.. 28/8/22.

Signature of the participant with date

Mr. Mohammed Abdul Shafeeq



28/8/2022

Head of the department

Signature with date

Head of the Department
Mechanical Engineering
GRIET, Rajeev Gandhi Memorial College of Engineering and Technology (A), Nandyal

REPORT ON

Faculty development program on
“NITTR – MODULE 3”

Dates: 01/07/2022 - 30/07/2022

Organised by

NITTR

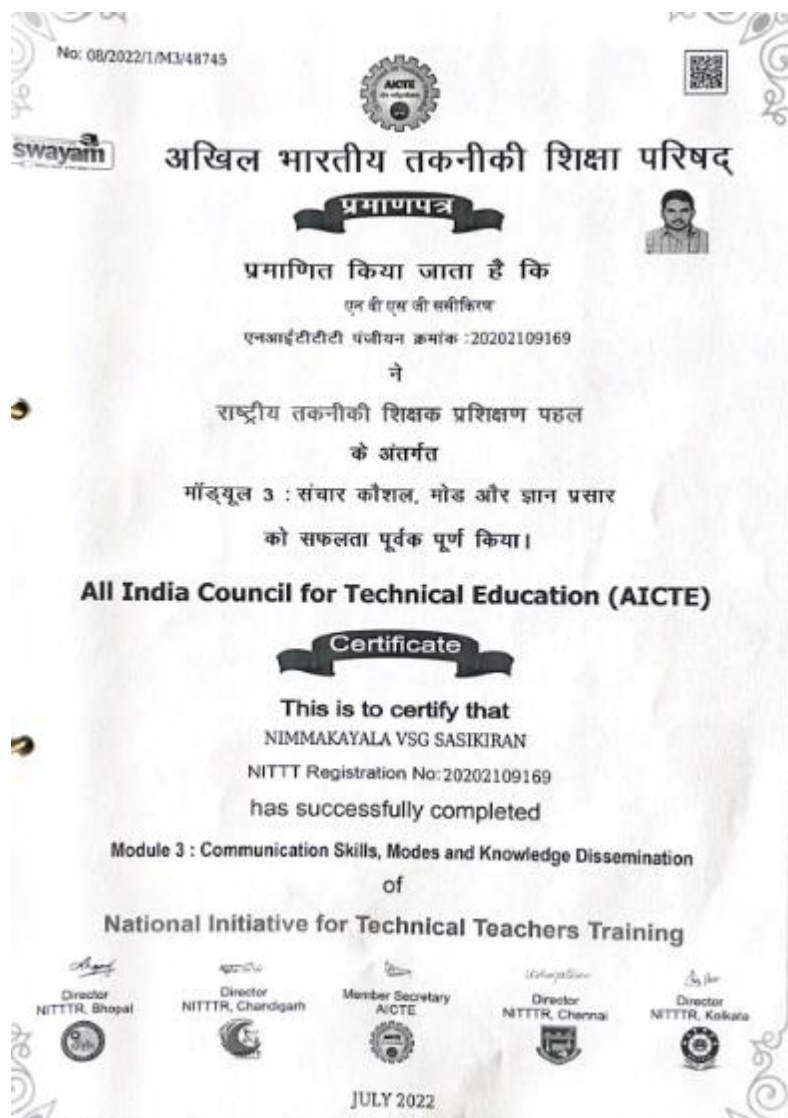
N Communication Skills, Modes and Knowledge Dissemination

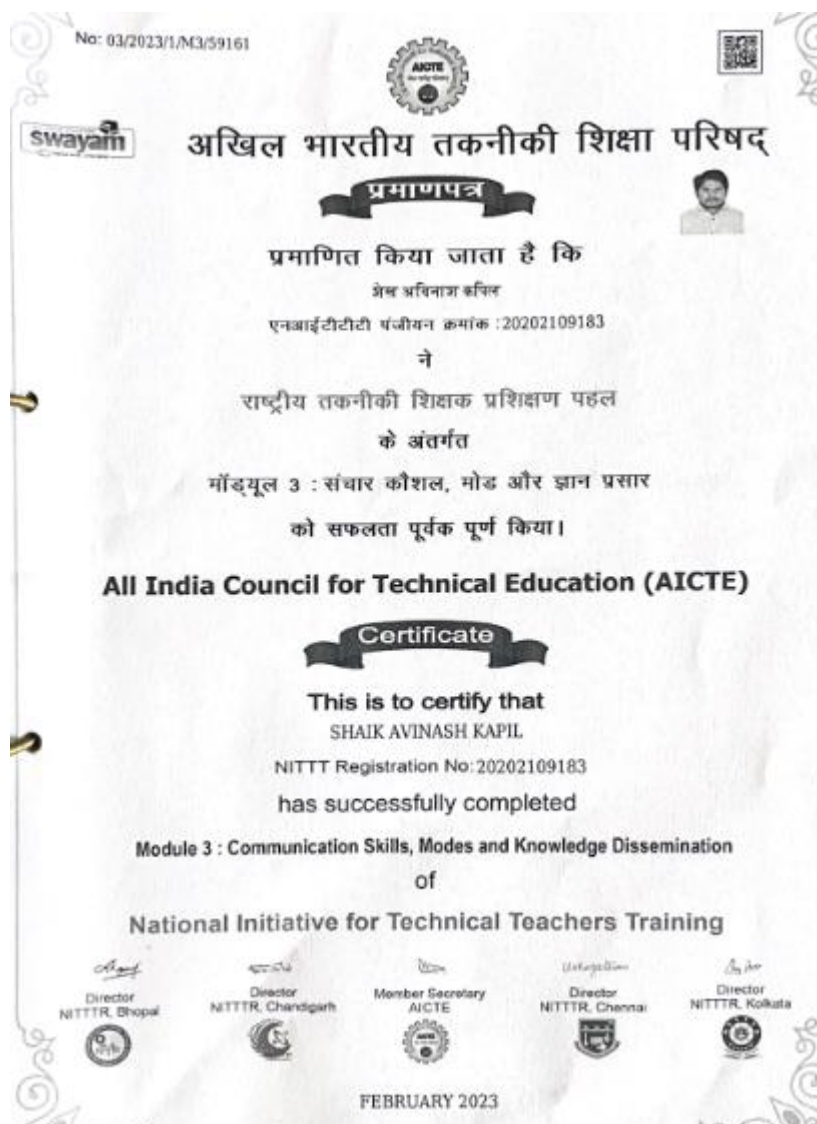
   Share

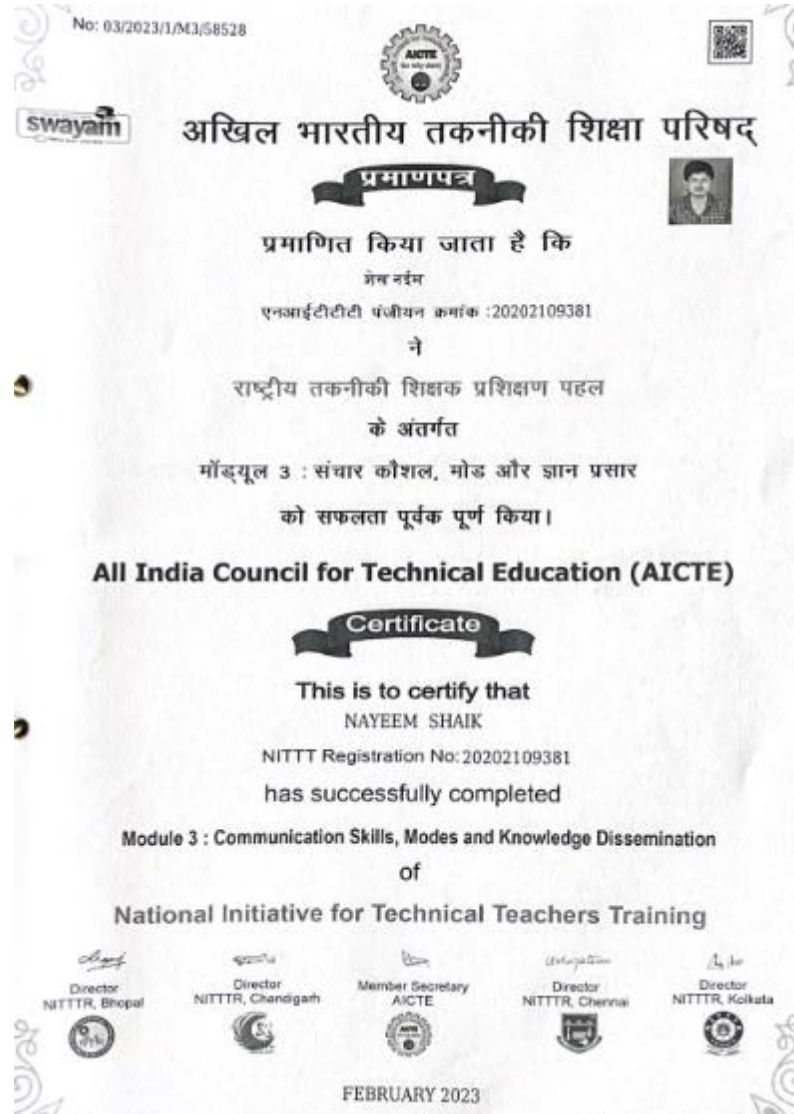
**WELCOME TO
AICTE-NINTTT
MODULE III**

**COMMUNICATION SKILLS, MODES AND
KNOWLEDGE DISSEMINATION**

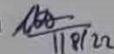
MORE VIDEOS

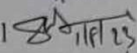


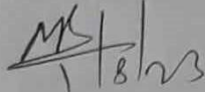




Signature of the participant with date

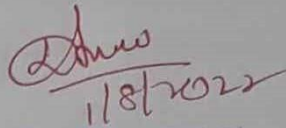
Mr.NVSG Sasi Kiran 
11/8/22

Mr.SK Avinash Kapil 
11/8/23

Mr. Shaik Nayeem 
11/8/23

Head of the department

Signature with date


11/8/2022
Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY, A.P

REPORT ON

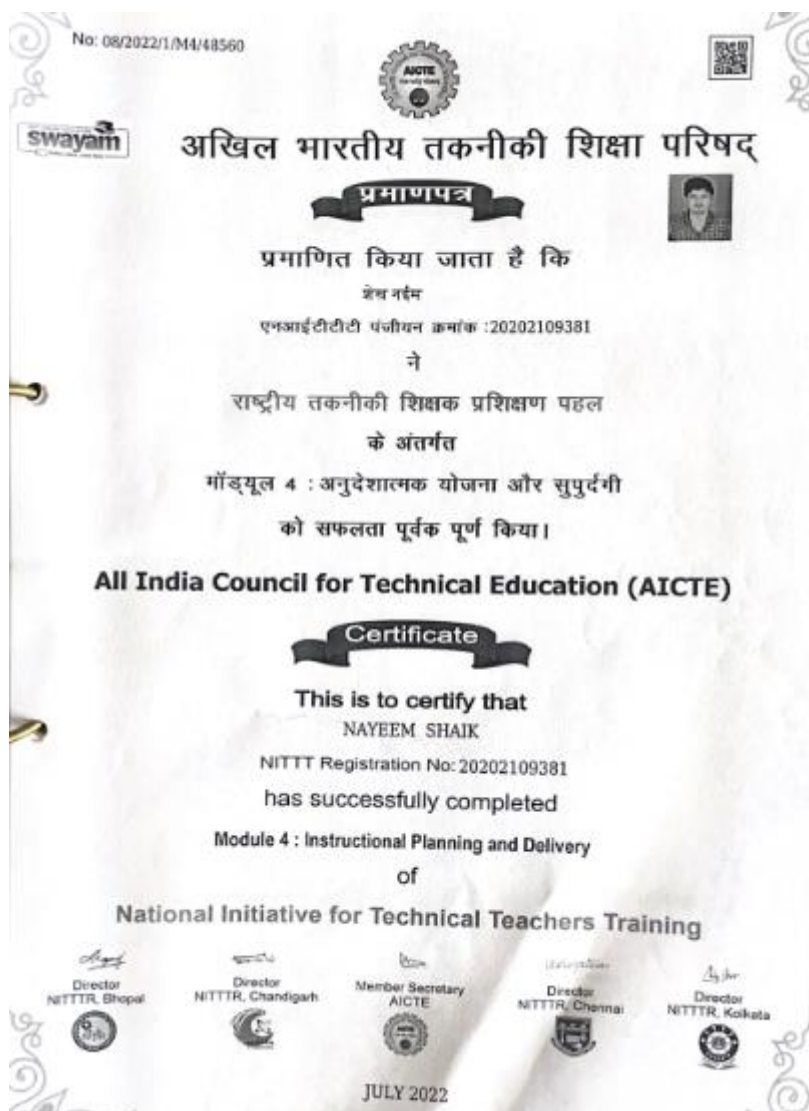
Faculty development program on
“NITTR – MODULE 4”

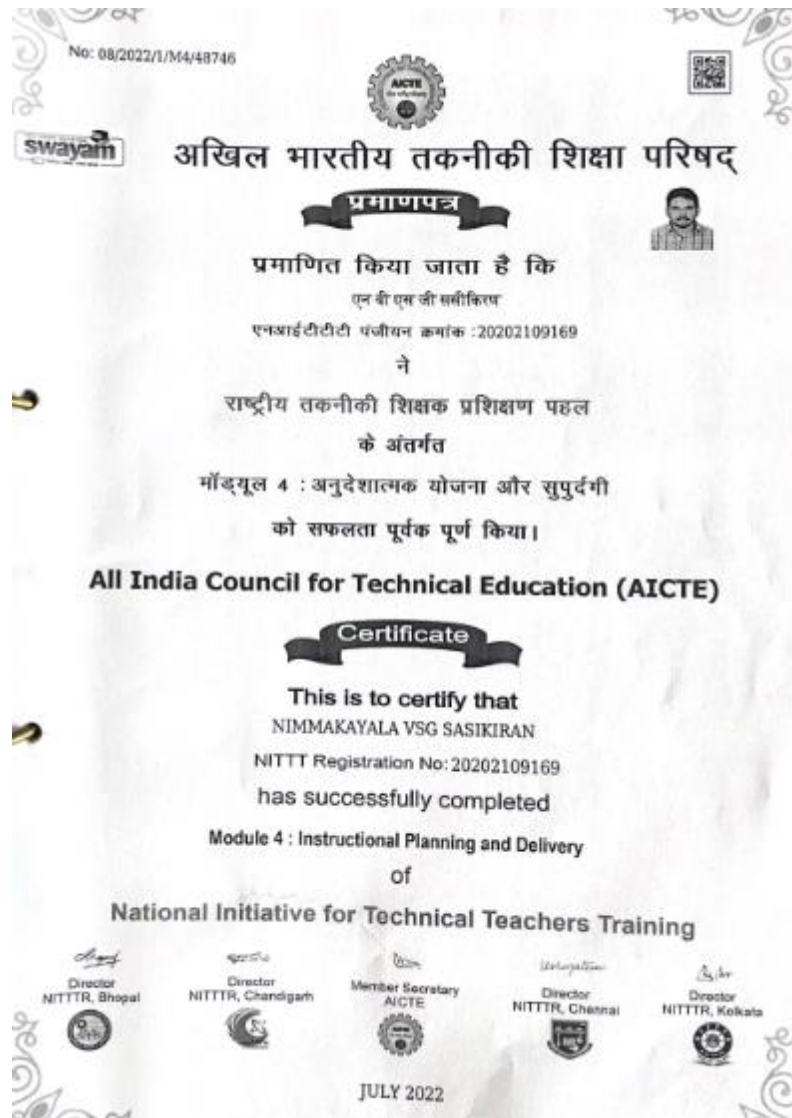
Dates: 01/07/2022 - 30/07/2022

Organised by

NITTR



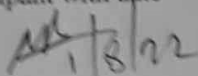






Signature of the participant with date

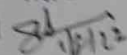
Mr. Shaik Nayeem


11/8/22

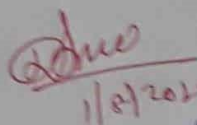
Mr.NVSG Sasi Kiran


11/8/22

Mr.SK Avinash Kapil


11/8/22

Head of the department


11/8/2022

Signature with date

Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY, A.P

REPORT ON

Faculty development program on
“NITTR – MODULE 5”

Dates: 01/10/2022 - 30/11/2022

Organised by

NITTR



The banner features a background of a library with bookshelves. At the top left is the GIET logo with the text 'GLOBAL STANDARDS' above it and 'An Autonomous Institution NBA Accredited & NAAC 'A' Grade' below it. Next to it is the text 'Technology Enabled Learning'. In the center top is the AICTE logo, a yellow gear with 'AICTE' and 'All India Council for Technical Education' written on it. To the right is the Swayam logo with the text 'FREE ONLINE EDUCATION' above it, 'swayam' in large blue letters, and 'Find Right, Improve Right' below it. A 'Share' icon is also present. The main text in the center reads 'WELCOME TO AICTE-NINTTT MODULE V'. At the bottom, in red, is 'TECHNOLOGY ENABLED LEARNING AND LIFE-LONG SELF-LEARNING'. A 'MORE VIDEOS' button is in the bottom left corner.

N Technology Enabled Learning

AICTE
All India Council for Technical Education

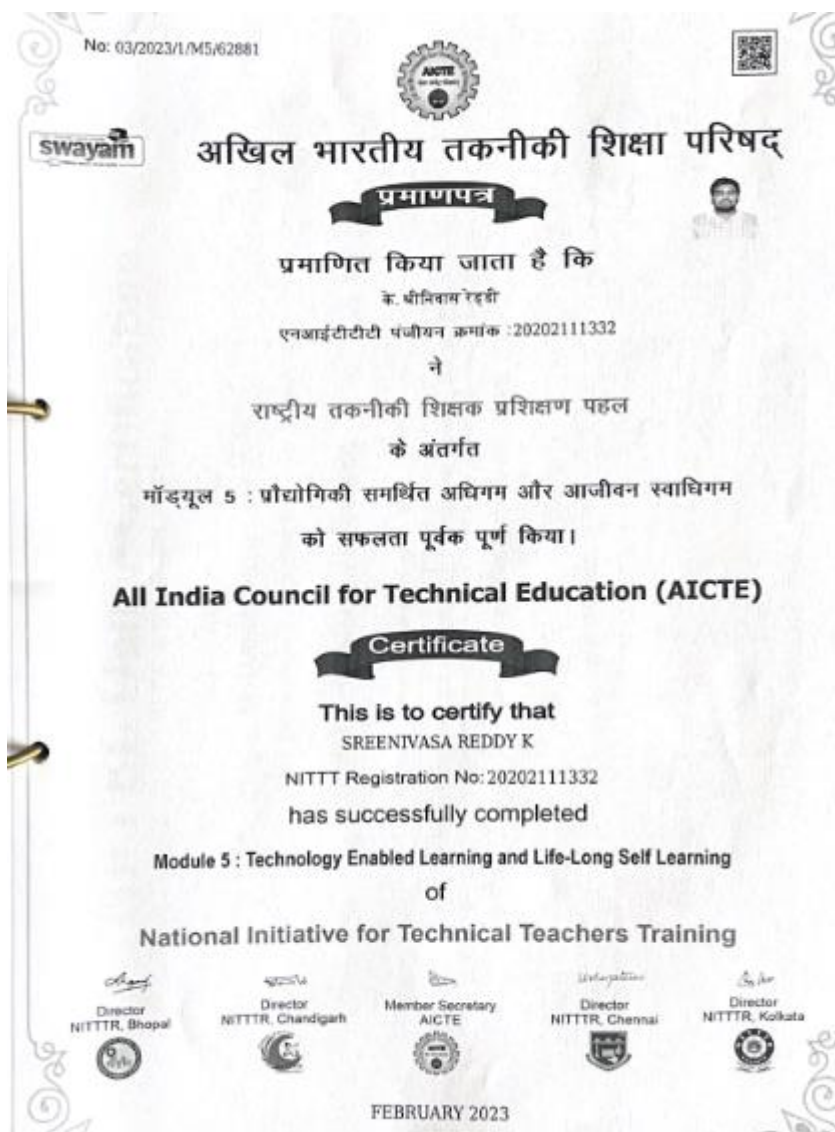
FREE ONLINE EDUCATION
swayam
Find Right, Improve Right

Share

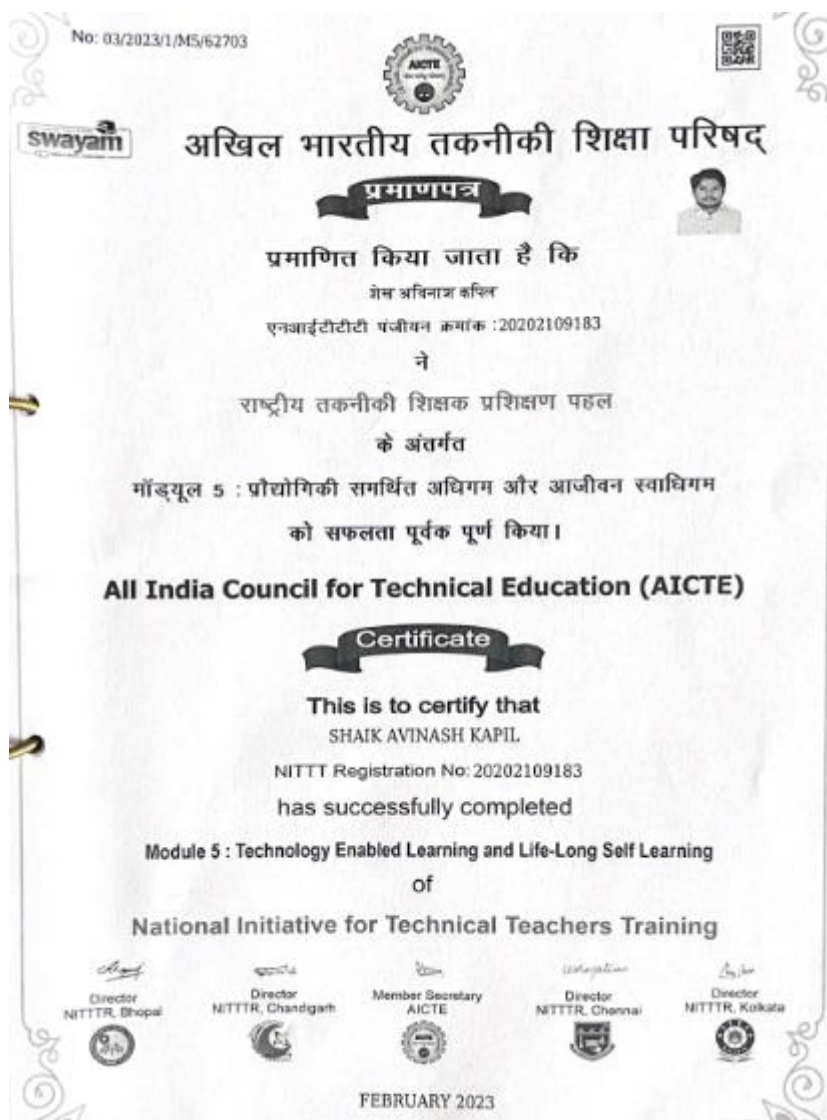
**WELCOME TO
AICTE-NINTTT
MODULE V**

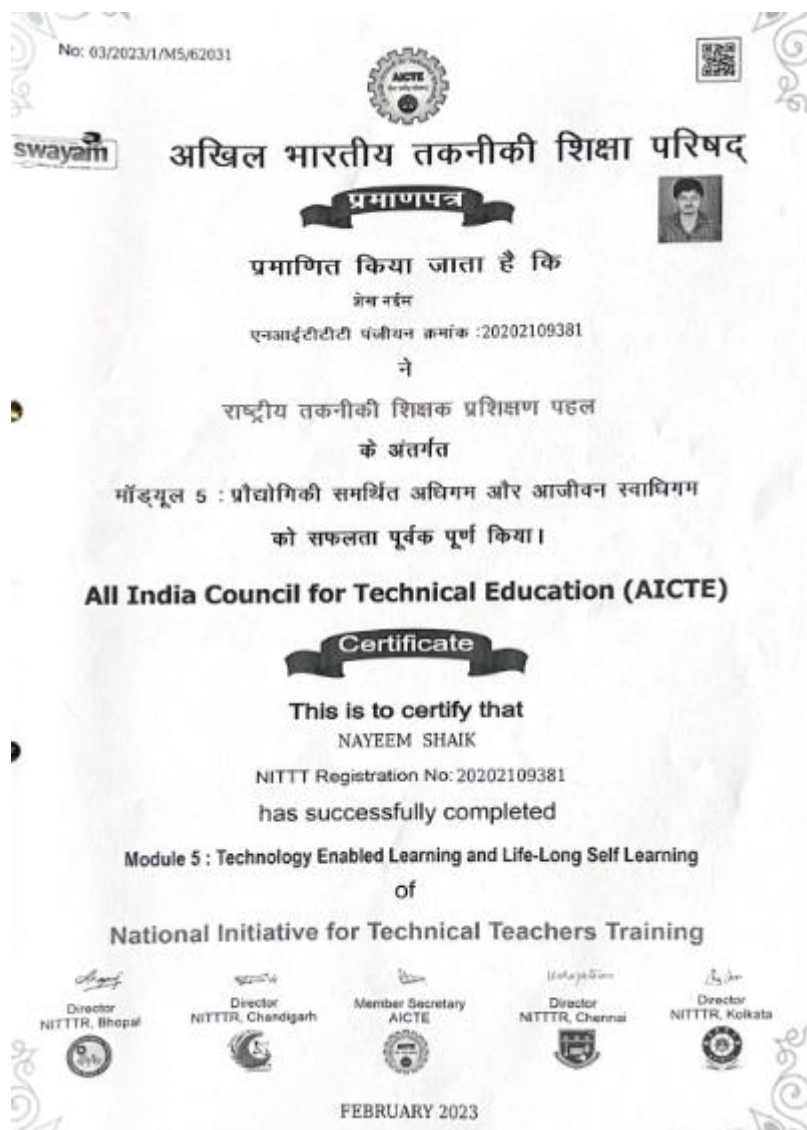
**TECHNOLOGY ENABLED LEARNING AND
LIFE-LONG SELF-LEARNING**

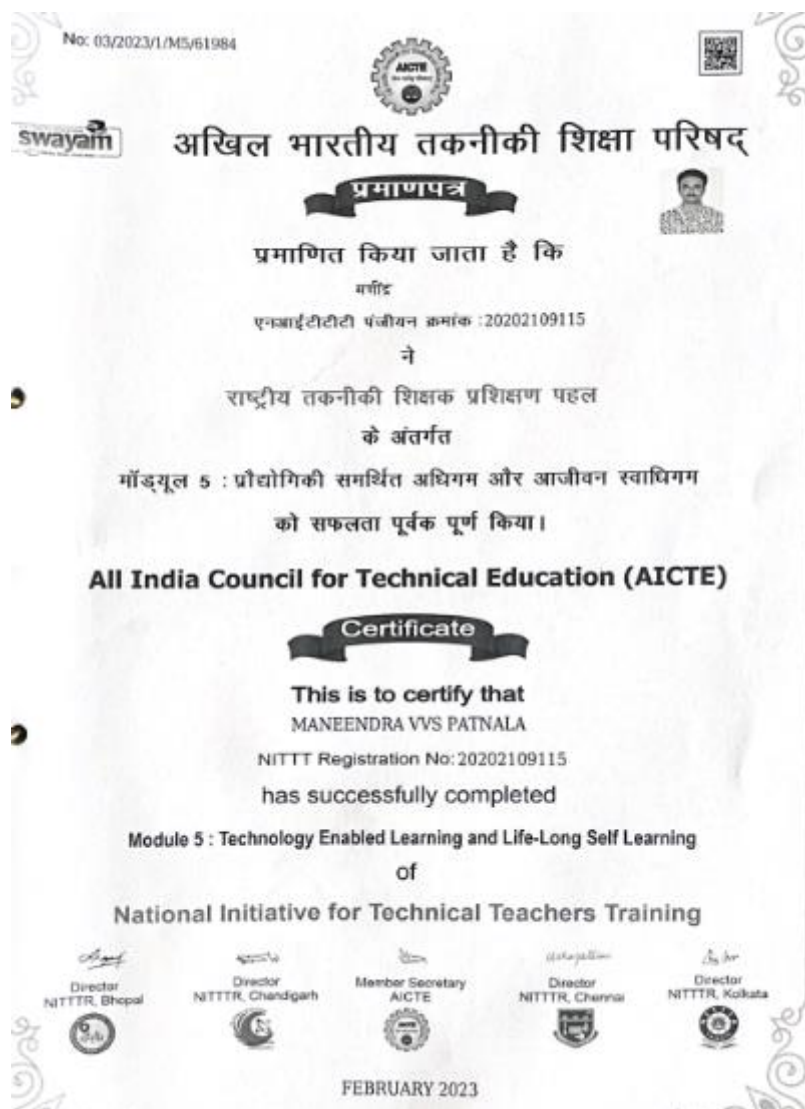
MORE VIDEOS



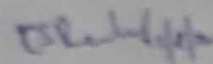








Signature of the participant with date

Mr K. Sreenivasa Reddy 

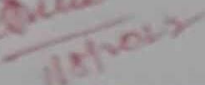
Mr NVSG Sasi Kiran 

Mr SK Avinash Kapil 

Mr. Shaik Nayem 

Mr. PVVS Manuendra 

Head of the department 

Signature with date 

Head of the Department
Mechanical Engineering
GIET in Rajamahendravaram

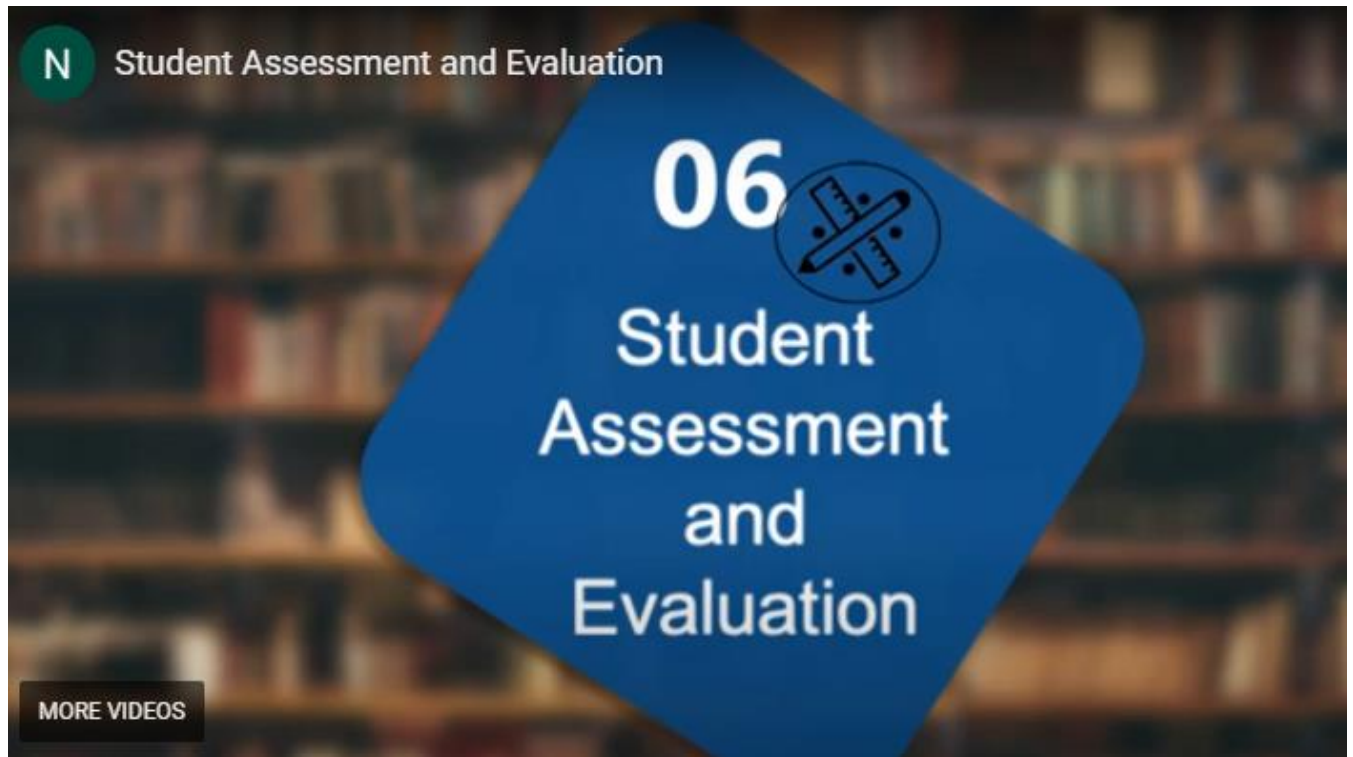
REPORT ON

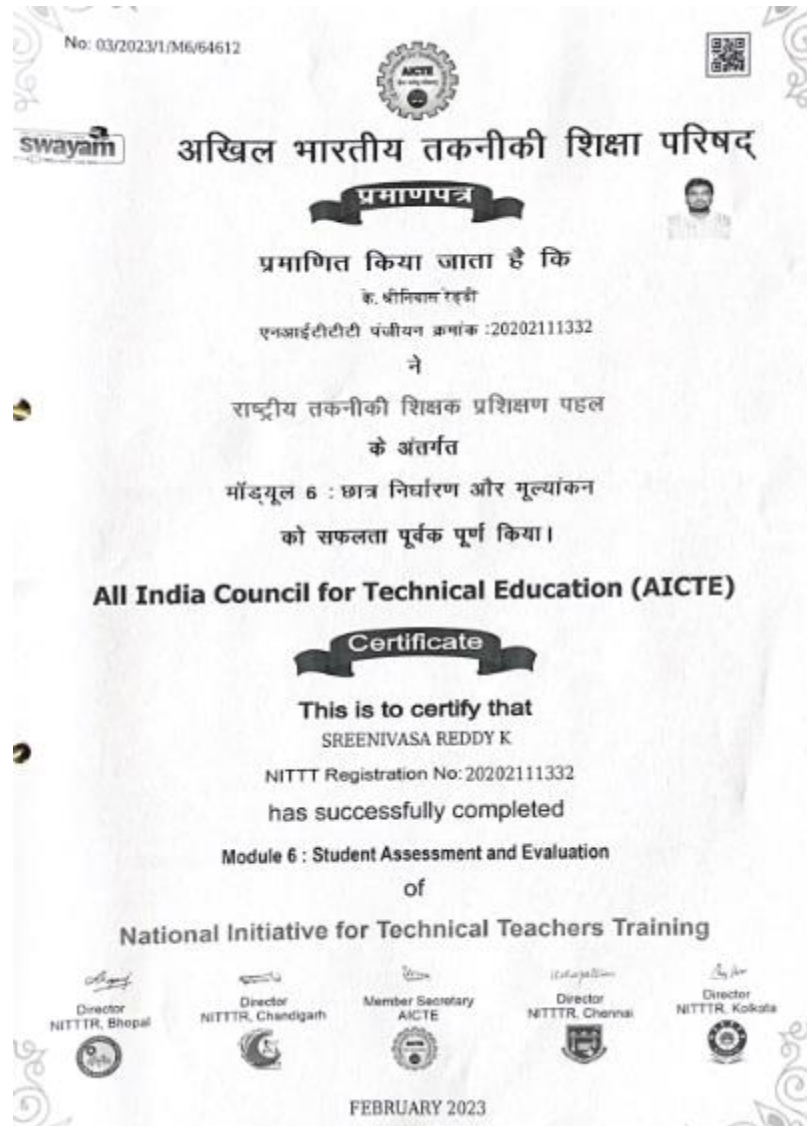
Faculty development program on
“NITTR – MODULE 6”

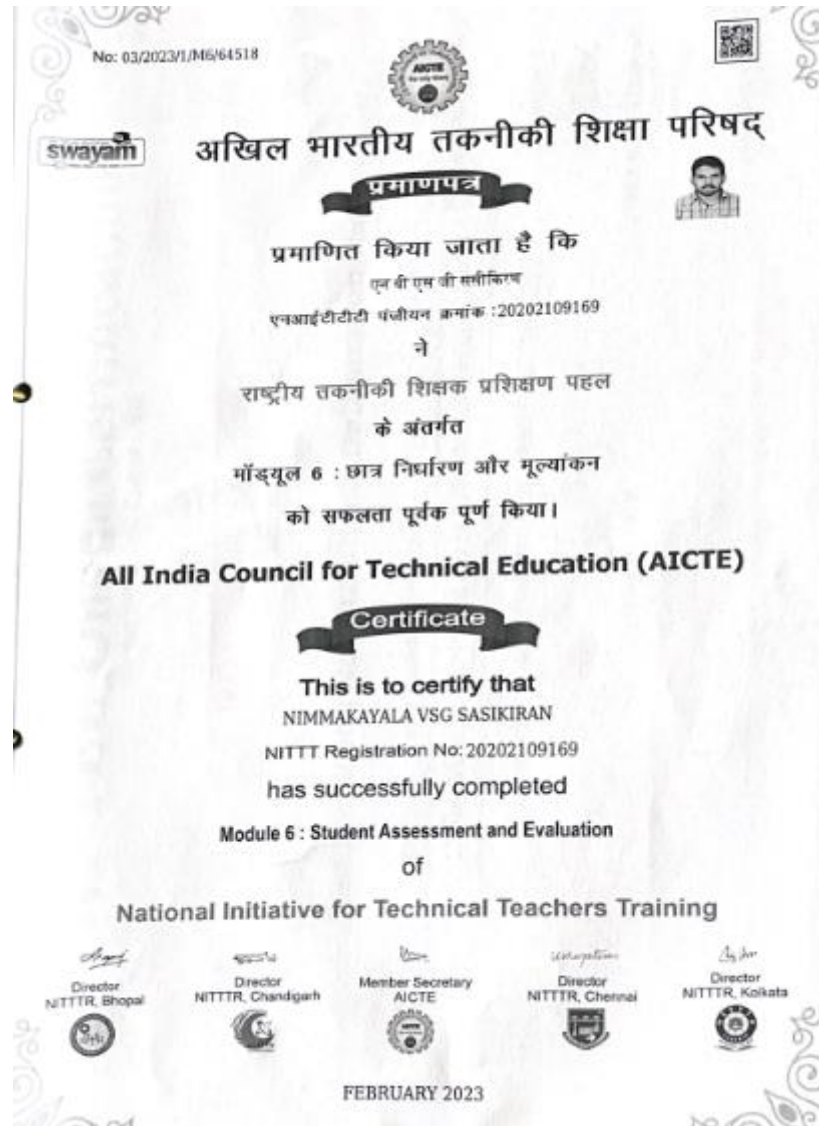
Dates: 01/07/2022-30/07/2022

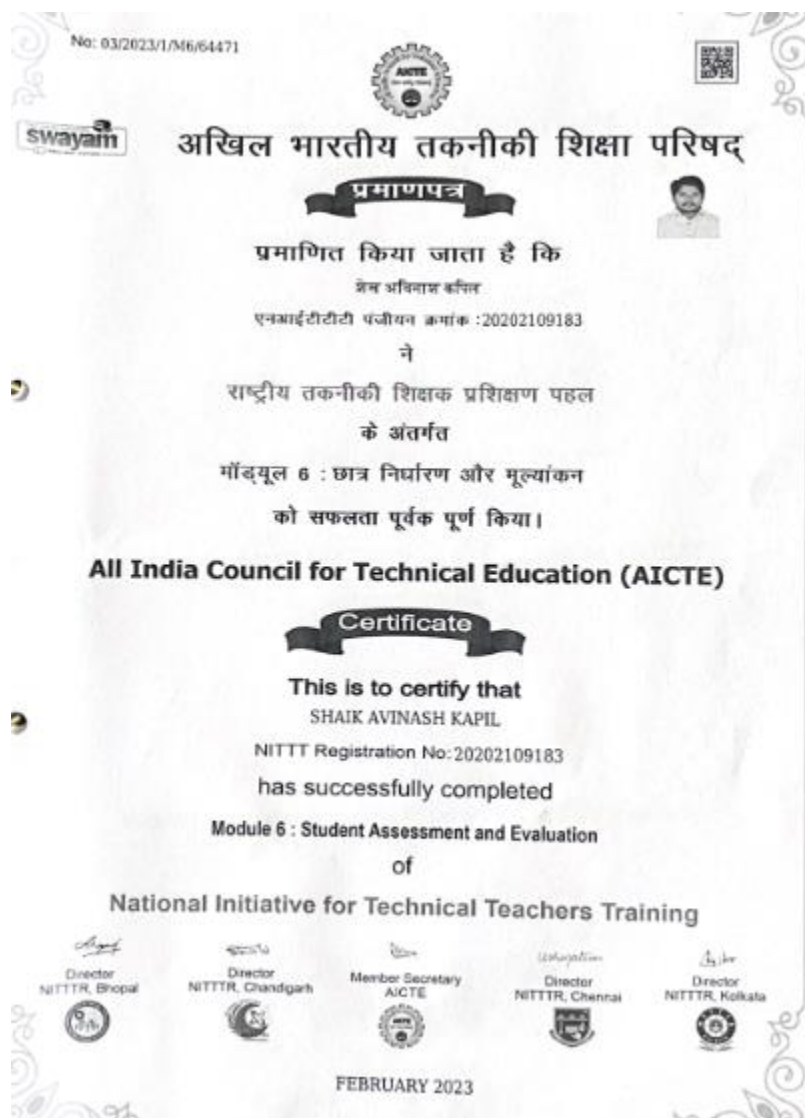
Organised by

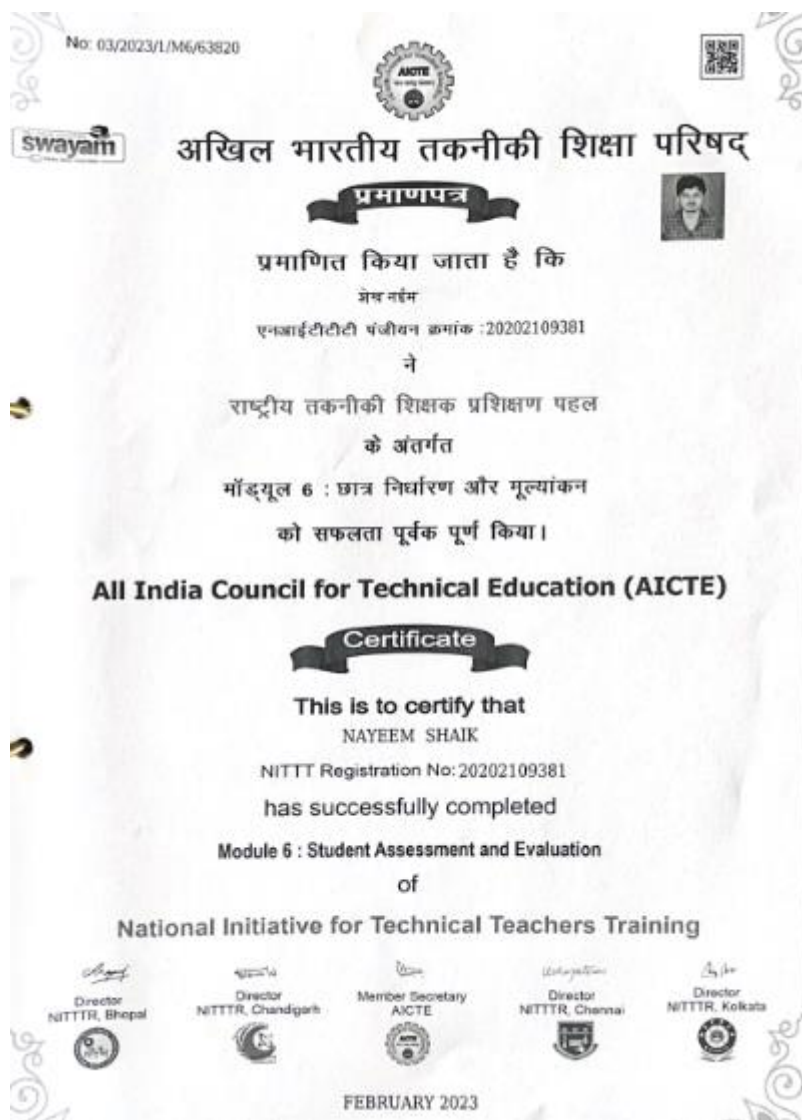
NITTR

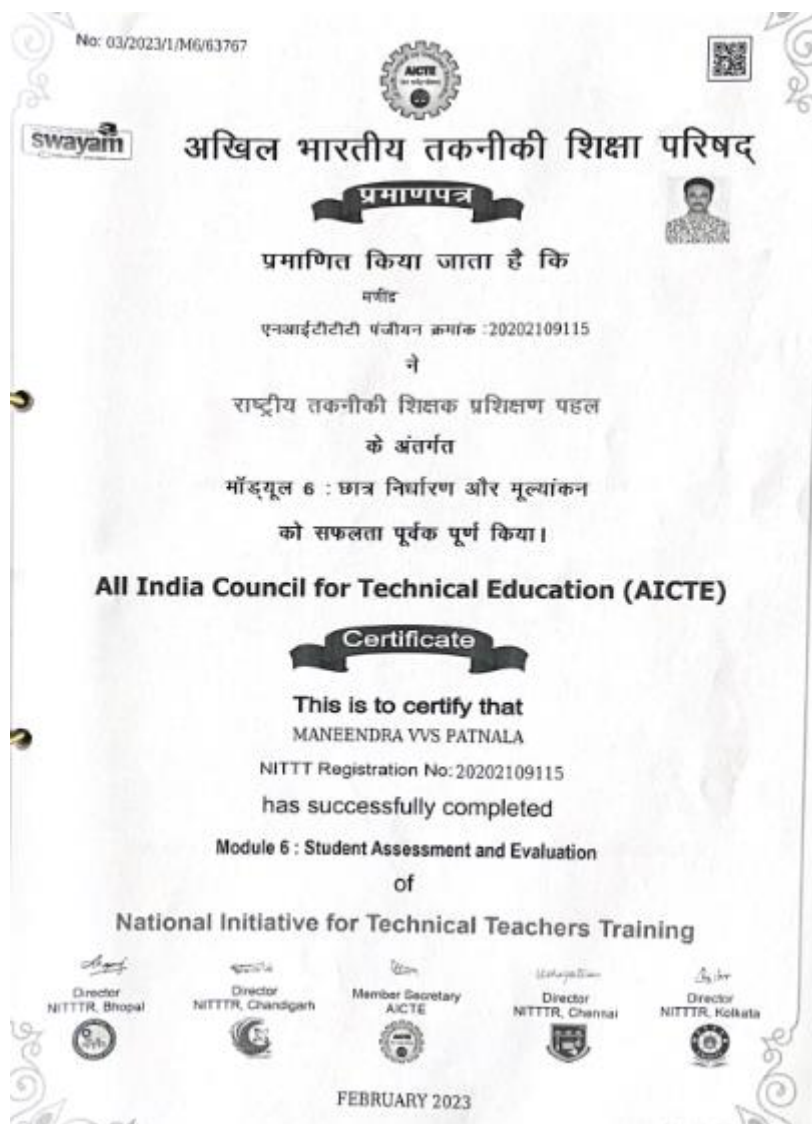












Signature of the participant with date

Mr.K Sreenivasa Reddy *KS Reddy* 11/12/22

Mr.NVSG Sasi Kiran *NVSG Sasi Kiran* 11/12/22

Mr.SK Avinash Kapil *SK Avinash Kapil* 11/12/22

Mr. Shaik Nayeem *Shaik Nayeem* 11/12/22

Mr. PVVS Maneendra *PVVS Maneendra* 11/12/22

Head of the department

Signature with date

[Signature] 11/12/22
Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY, A.P

REPORT ON

Faculty development program on
“INTRODUCTION TO RESEARCH”

Dates: 01/07/2022 - 30/07/2022

Organised by

SWAYAM – NPTEL



meka.harika80@gmail.com

NPTEL » Introduction to Research

Announcements

About the Course

Ask a Question

Progress

Mentor

Review Assignment

Course outline

How does an NPTEL online course work?

Week 1: Group Discussion on Research

Week 1: Overview of Research

Week 2: Literature Survey, Experimental skills

Week 3 - Data analysis and Modelling skills

Week 4: Technical presentation and writing

Week 5: Creativity in research

Week 6: Intellectual

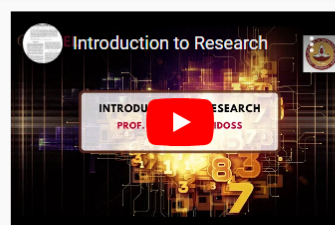
Introduction to Research

ABOUT THE COURSE:

Large numbers of students are actively considering and taking up research and associated higher studies. This course aims to introduce students to the important aspects of research. The intent of the course is to make students aware of the details associated with formal research and to help students overcome common misconceptions that may be present in their minds. By going through this course, students are likely to be able to take up research activities in a more systematic and formal manner right from the beginning.

INTENDED AUDIENCE : Students of ME/MTech/MS/MSc/PhD can benefit.

PRE-REQUISITES : Students who have completed undergraduate studies (in Engineering or Science) will be in a better position to benefit from this course



E. PRASAD, Professor, Department of Chemistry, Indian Institute of Technology Madras, Chennai 600 036, INDIA Phone: ++91-44-2257 4232

Activate Windows
Go to Settings to activate Windows.



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



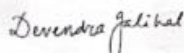
This certificate is awarded to
M HARIKA CHOWDARY
for successfully completing the course

Introduction to Research

with a consolidated score of **80** %

Online Assignments	24.46/25	Proctored Exam	55.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1955**



Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Aug-Oct 2022
(8 week course)



Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL22GE23S34120139

To validate the certificate



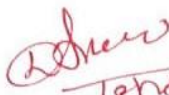
No. of credits recommended: 2 or 3

Signature of the participant with date

Mrs.M Harika chowdary

M. Harika
1/8/22

Head of the department


1/8/22

Signature with date

Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY A.P

REPORT ON

International Conference on
“ICE3MT 2022”

Dates: 28/10/2022 - 29/10/2022

Organised by

**Department of Mechanical Engineering
CVR College of Engineering (An Autonomous Institution)
Hyderabad**



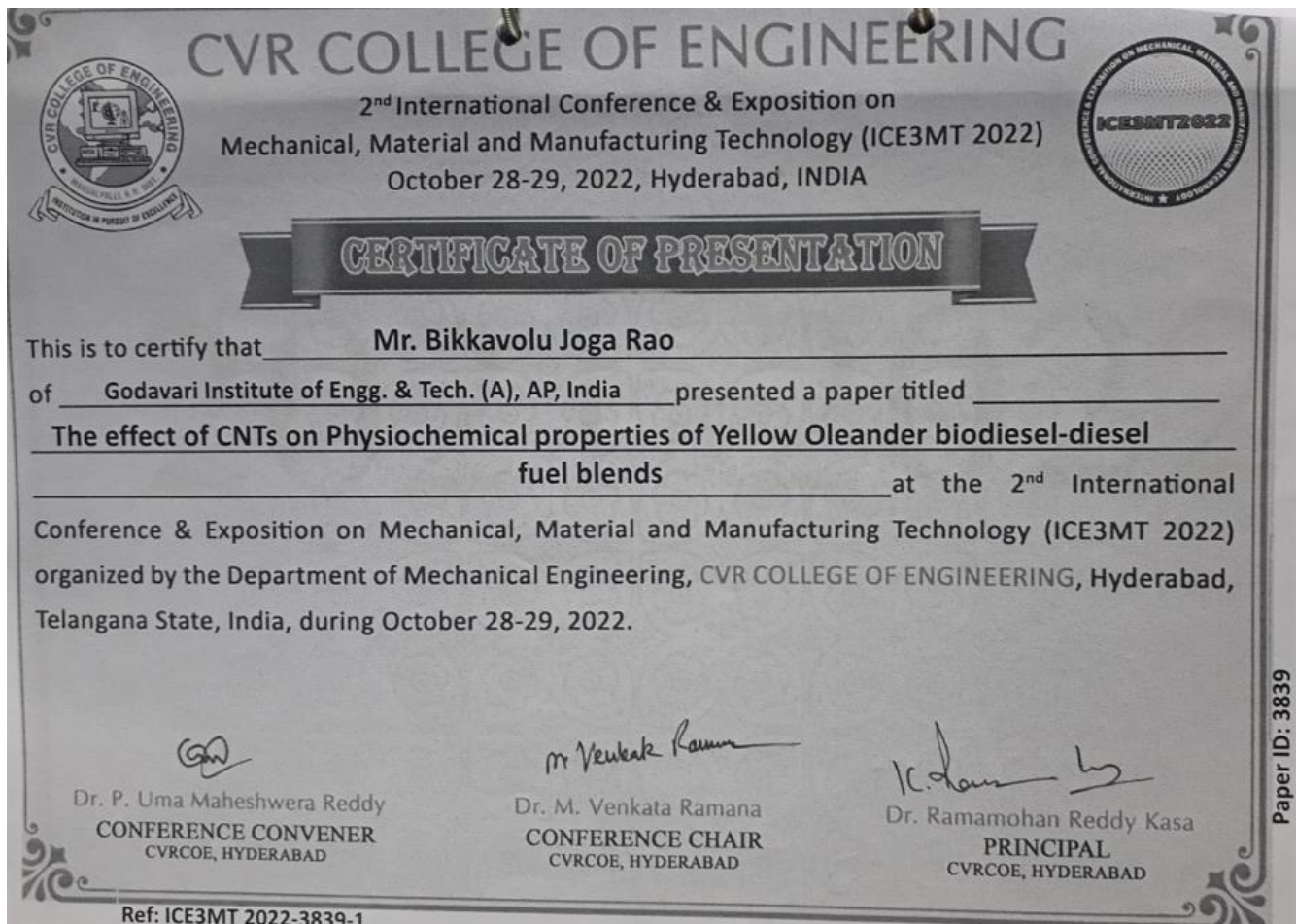
2nd International Conference & Exposition on
Mechanical, Material and Manufacturing Technology
(ICE3MT 2022)



October 28-29, 2022 | Hyderabad, INDIA | Hybrid Mode

[Home](#) [About Us](#) [Call For Paper](#) [Submission](#) [Registration](#) [Publication](#) [Committee](#) [Speaker](#) [Conference Info](#) [History](#)





With the adoption of global technology and developments, the Indian manufacturing industry emerged as one of the high growth sectors. This conference aims to enhance and promote programmatic collaboration between industry and researchers to pave the way for mechanical, material and manufacturing technology innovations useful to industrial applications. In addition, this conference provided numerous opportunities for researchers, engineers, scientists, academicians, students, and other delegates from around the world to exchange new ideas, research findings, and practical challenges encountered, as well as the solutions adopted, in the field of Mechanical,

Signature of the participants with date



Mr. B. Joga Rao

Head of the department

Signature with date


30/10/2022
Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDY A.P

REPORT ON

International Conference on
“ICRACM - 2023”

Dates: 22/02/2023 - 24/02/2023

Organised by

Centre for Composites and Advanced Materials

Department of Mechanical Engineering

SRM INSTITUTE OF SCIENCE & TECHNOLOGY

Deemed to be University

Kattankulathur Campus, Chengalpattu District

Tamil Nadu 603203, India

Chief Patrons
Dr. T. R. Paarivendhar, Chancellor SRMIST
Shri. Ravi Pachamoothoo, Pro - Chancellor (Administration), SRMIST
Dr. P. Sathyanarayana, Pro - Chancellor (Academics), SRMIST
Dr. R. Shivakumar, Vice President, SRMIST
Dr. C. Muthamizhchelvan, Vice Chancellor, SRMIST

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Prof. T. V. Gopal, Dean, College of Engineering and Technology, SRMIST

Co-Chairperson of Organizing Committee
Prof. D. Kingsly Jeba Singh, Chairperson, School of Mechanical Engineering, SRMIST

Convener
Dr. M. Cheralathan, Professor and Head, Department of Mechanical Engineering
Dr. Shubhabrata Datta, Research Professor, Coordinator, CCAM

Co-Conveners
Dr. M. Kamaraj, Associate Professor
Dr. Sumit Pramanik, Research Associate Professor
Dr. P.V. Jeyakarthykayan, Associate Professor

Organizing Secretaries
Dr. R. Ambigai, Assistant Professor
Dr. A. Vinoth, Assistant Professor
Dr. D. Kumaran, Assistant Professor

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Dr. T. Rajasekaran, Professor
Dr. Sureth Kumar, Professor
Dr. P. Nandakumar, Professor
Dr. U. Mohammad Iqbal, Professor
Dr. P. Chandrasekaran, Professor
Dr. M. R. Stalin John, Professor
Dr. T. Lakshmanan, Professor
Dr. K. Durairvelu, Professor
Dr. G. Kaliraman, Associate Professor
Dr. R. Senthil, Associate Professor
Dr. G. Balaji, Associate Professor
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Dr. A. Aruljeyakumar, Associate Professor
Dr. A. Vijaya, Associate Professor
Dr. I. Infanta Mary Priya, Associate Professor

Dr. R. Santhana Krishnan, Associate Professor
Dr. Sandipan Roy, Research Assistant Professor
Dr. Pankaj Kumar, Research Assistant Professor
Dr. S. Manikandan, Research Assistant Professor
Mr. D. Raja, Assistant Professor
Mr. D. Selwyn Jebadurai, Assistant Professor
Dr. R. Murugesan, Assistant Professor
Mr. Daniel J. Stephen, Assistant Professor
Mr. K. Jegadeesan, Assistant Professor
Mr. M. Dhanasekaran, Assistant Professor
Mr. I. Aathisugan, Assistant Professor
Mr. S. Sasikumar, Assistant Professor

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Prof. Nirupam Chakraborti, Czech Technical Univ, Czech Republic
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Dr. Debdule Das, IEST Shillpur, India



3rd Call for Papers with Extension of Deadline for Abstract Submission
2nd International Conference on Recent and Advanced Composite Materials (ICRACM-2023)

ICRACM-2023
22-24 Feb-2023

SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
Constituted by University Act 3 of 1984, Act 1984

CCAM
CENTRE FOR COMPOSITES AND ADVANCED MATERIALS

Convener
Dr. M. Cheralathan, Professor and Head
Dr. Shubhabrata Datta, Research Professor
Department of Mechanical Engineering, SRMIST

Co-Conveners
Dr. M. Kamaraj, Associate Professor
Dr. Sumit Pramanik, Research Associate Professor
Dr. P. V. Jeyakarthykayan, Associate Professor
Department of Mechanical Engineering, SRMIST

Organized By
Centre for Composites and Advanced Materials
Department of Mechanical Engineering
SRM Institute of Science & Technology
Kattankulathur Campus, Chengalpattu District
Tamil Nadu 603203, India

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SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
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Centre for Composites and Advanced Materials (CCAM)
Department of Mechanical Engineering
SRM INSTITUTE OF SCIENCE AND TECHNOLOGY
SRM Nagar, Kattankulathur, Chengalpattu District - 603203. Tamil Nadu, India



CCAM
CENTRE FOR COMPOSITES
AND ADVANCED MATERIALS

**2nd International Conference on
Recent and Advanced Composite Materials (ICRACM-2023)**

Certificate of Presentation

Paper ID
ICRACM 079

This is to certify that Mr / Dr Santha Rao D

has presented a paper entitled..... Improvement of joint strength of dissimilar materials of aluminum alloy and copper using

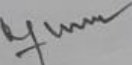
friction stir welding process with activated flux of boron carbide and Process parameters optimization

authored by..... Santha Rao D., Chakravarthy M.P., Srinivasa Reddy K...... in the

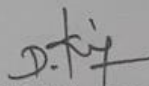
2nd International Conference on Recent and Advanced Composite Materials (ICRACM-2023), organised by the Centre for Composites and Advanced Materials, Department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India during 22-24 Feb-2023.



Dr. SHUBHABRATA DATTA
Convener (ICRACM 2023)/Coordinator-CCAM
Mechanical Engineering



Dr. M. CHERALATHAN
Convener (ICRACM 2023)
HOD/Mechanical Engineering

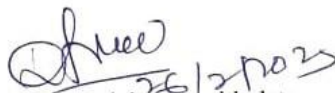


Dr. D. KINGSLY JEBA SINGH
Chairperson
School of Mechanical Engineering, SRMIST

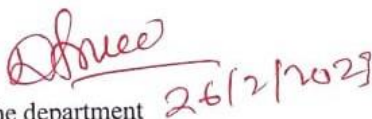
The conference is being organized with the objectives of Bringing together academia and industry from all over the world to deliberate upon the challenges and opportunities on composites and advanced materials. Promoting scientific information exchange among academicians, researchers, developers, engineers, students, and practitioners working around the world.

The papers presented in ICRACM 2023 will be published in the following journals, after completing the peer review process.

1. Materials and Manufacturing Processes, Taylor & Francis, SCI/SCOPUS
2. Surface Engineering, Taylor & Francis, SCI/SCOPUS
3. Plastics Rubber and Composites, Taylor & Francis, SCI/SCOPUS
4. International Journal of Surface Science and Engineering, Inderscience Publishers, SCI/SCOPUS
5. International Journal of Machining and Machinability of Materials, Inderscience Publishers, SCOPUS
6. Journal of The Institution of Engineers (India): Series D, Springer, SCOPUS
7. International Journal of Materials Engineering Innovations, Inderscience Publishers, SCOPUS


Signature of the participants with date

Dr. Santharao D


Head of the department
Signature with date
Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY, A.P

REPORT ON

Faculty development program on
“Integrative Research in various fields of engineering”

Dates: 21/09/2022 - 27/09/2022

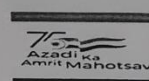
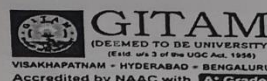
Organised by

Department of Mechanical Engineering

SRKR Engineering College

Bhimavaram

Andhra Pradesh

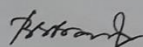


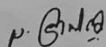
DST Sponsored National Level 7-Day Hands-on Training Program
on
Integrative Research in Various Fields of Engineering
under

STUTI Program-2021(DST/RND/STUTI/2021/18)

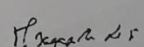
Certificate of Appreciation

This is to appreciate Mr./Ms. Dr. G. RAMA KRISHNA (MECHANICAL) of
Sagi Ramakrishna Raju Engineering College (A) Bhimavaram for his/her contribution as a
~~organizing~~ ^{participating} member in DST Sponsored National Level 7-Day Hands-on Training Program on
"Integrative Research in Various Fields of Engineering" under STUTI Program-2021
(DST/RND/STUTI/2021/18) conducted by the Departments of Civil Engineering, Electrical &
Electronics Engineering, Mechanical Engineering and Information Technology, Sagi Rama Krishnam
Raju Engineering College(A), Bhimavaram-534204 in collaboration with GITAM Deemed to be
University, Visakhapatnam-45 during 21st to 27th September 2022.


Prof. Dr. B Srinivasa Prasad
STUTI Program Coordinator,
GITAM Deemed to be University,
Visakhapatnam

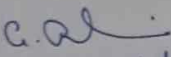

Dr. N. Gopala Krishna Murthy
Program Coordinator,
Head - Technology Centre,
SRKREC(A)


Dr. K. Brahma Raju
Program Convenor,
Head of the Department,
Mechanical Engineering, SRKREC(A)

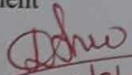

Dr. M. Jagapathi Raju
Principal,
SRKREC(A)

Various fields of engineering are discussed. In broad terms, engineering can be divided into four main categories — chemical, civil, electrical and mechanical. Aerospace Engineering. Aerospace engineering is the ideal concentration for you if you have a passion for flying objects, such as airplanes or other flying machines.

Signature of the participant with date

Dr. G Rama Krishna 
28/9/22

Head of the department

Signature with date 
28/9/22

Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY, A.P

REPORT ON

Faculty development program on
“Innovations in mechanical engineering”

Dates: 26/12/2022 - 30/12/2022

Organised by

Department of Mechanical Engineering

Vasireddy Venkatadri Institute of Technology

Guntur – 522 508

Andhra Pradesh

IME/VVIT/249



The following topics are discussed. Additive manufacturing. Additive manufacturing is the process of creating objects by building in one layer at a time. 3D Printing Technology. Hydrogen Engine Vehicles. Artificial Intelligence in Manufacturing. Solid Waste Management. Safety in Electric Vehicles. Mechatronics and Robotics. Renewable Energy.

Signature of the participant with date

Dr.Santharao

31/12/2020

Mr.PVVS Maneendra

31/12/20

Head of the department

Signature with date

31/12/2020

Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY, A.P

REPORT ON

Faculty development program on
“Computer aided applied single objective optimization”

Dates: 23/01/2023 - 14/04/2023

Organised by

NPTEL





NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

BAHADURSHA A V L SAINADH

for successfully completing the course

Computer Aided Applied Single Objective Optimization

with a consolidated score of **94 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jan-Apr 2023)

Roll No: NPTEL23CH04S44500206

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



Elite NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

P V V S MANEENDRA

for successfully completing the course



Computer Aided Applied Single Objective Optimization

with a consolidated score of **92 %**

Online Assignments	23.78/25	Proctored Exam	67.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **17**

Jan-Apr 2023

(12 week course)

Prof. T. V. Bharat
Head, Centre for Educational Technology
NPTEL Coordinator, IIT Guwahati

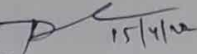


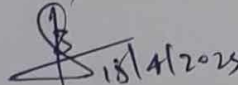
Indian Institute of Technology Guwahati



Optimization problems are frequently encountered in almost all disciplines of science and engineering. This course will familiarize the audience with both mathematical and computational intelligence algorithms to solve combinatorial optimization problems. The course is designed so as to enable the participants to quickly use state-of-the-art tools to solve optimization problems. A unique feature of this course will be discussion of a realistic case study to thoroughly understand various aspects of optimization.

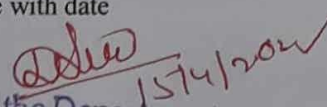
Signature of the participant with date

Mr. PVVS Maneendra  15/4/20

Mr. Bavl Sainadh  15/4/2023

Head of the department

Signature with date

 15/4/2020
Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDY, A.P

REPORT ON

Faculty development program on
“Traditional and non traditional optimization tools”

Dates: 23/01/2023 - 17/03/2023

Organised by

NPTEL



T Prof D K Pratihari

Traditional and Non-traditional Optimization Tools

Prof. D. K. Pratihari
Department of Mechanical Engineering
Indian Institute of Technology Kharagpur

INTRODUCTION

Share



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
KARRI SREENIVASA REDDY
for successfully completing the course





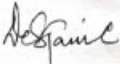

Traditional and Non-Traditional Optimization Tools

with a consolidated score of **86** %

Online Assignments	16.67/25	Proctored Exam	69/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **16**

Jan-Mar 2023
(8 week course)


Prof. Debjani Chakraborty
 Coordinator, NPTEL
 IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23ME40S45470252

To validate the certificate



No. of credits recommended: 2 or 3

At the beginning of this course, a brief introduction will be given to optimization. The principle of optimization will be explained in detail. The working principles of some traditional tools of optimization, namely exhaustive search method, random walk method, steepest descent method will be discussed with suitable numerical examples. The drawbacks of traditional tools for optimization will be stated. The working principle of one of the most popular non-traditional tools for optimization, namely genetic algorithm (GA) will be explained in detailed. Schema theorem of binary-coded GA will be discussed. The methods of constraints handling used in the GA will be explained.

Signature of the participant with date

Mr. K Sreenivasa Reddy *18/5/2023*

Head of the department

Signature with date

18/5/2023
Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY

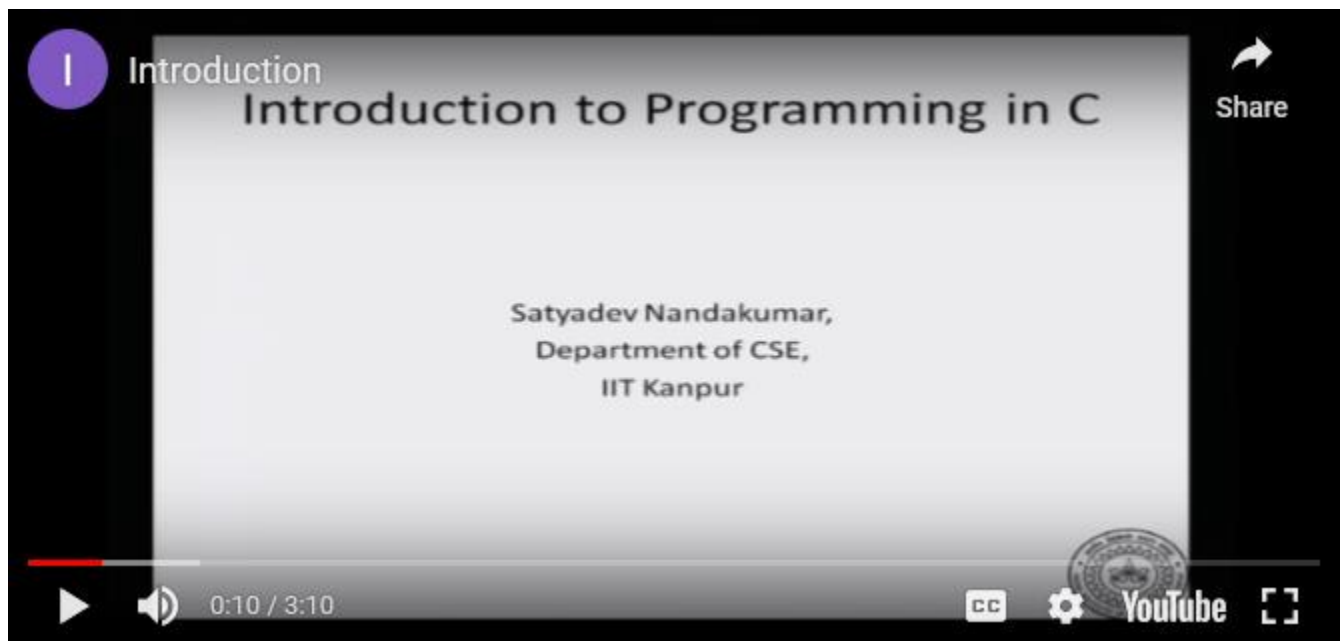
REPORT ON

Faculty development program on
“Introduction to programming in C”

Dates: 23/01/2023 - 17/03/2023

Organised by

NPTEL





NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to
BAHADURSHA A V L SAINADH

for successfully completing the course

Introduction to Programming In C

with a consolidated score of **93 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jan-Mar 2023)

Roll No: NPTEL23CS02S45470317

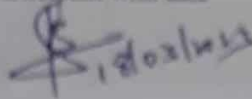
Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

This is a course in programming in C. No prior programming experience is assumed; however, mathematical maturity at the level of a second year science or engineering undergraduate is assumed. We emphasize solving problems using the language, and introduce standard programming techniques like alternation, iteration and recursion. We will briefly glimpse the basics of software engineering practices like modularization, commenting, and naming conventions which help in collaborating and programming in teams.

Signature of the participant with date

Mr. Davi Sainadh


14/02/2023

Head of the department

Signature with date


14/02/2023

Head of the Department
Mechanical Engineering
GET (A) RAJNAGAR

REPORT ON

Faculty development program on
“Course on Advance composite production”

Dates: 07/03/2023 - 09/03/2023

Organised by

Der RWTH Aachen University

Certificate of Attendance



Course on Advanced Composite Production – Part 1

This certificate is presented to

Mr. K. Sreenivasa Reddy

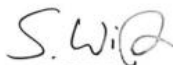
Assistant Professor

Godavari Institute of Engineering & Technology (A), Rajahmundry

7th - 9th March 2023

For his active participation in the 3-day course "Advanced Composite Production – Part 1" consisting of

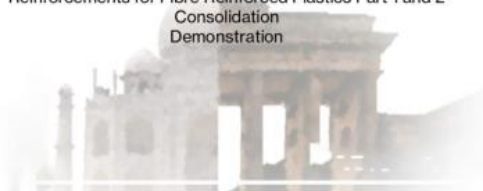
Design Principles
Lightweight design
Basics of Fibre Composites
Reinforcements for Fibre Reinforced Plastics Part 1 and 2
Consolidation
Demonstration



09.03.2023

S. Wist

Institut für Textiltechnik
der RWTH Aachen University





09.03.2023

Dr. T. Quadflieg

Institut für Textiltechnik
der RWTH Aachen University

This course is intended for all those who want to conduct experiments in area of NVH. Thus, the course is open to students of engineering and science, and also to all those who from the industry and research organizations – who are working in area of sound, NVH and acoustics. Each lecture will be followed by a quiz, which will help student the concepts better, and gain deeper insights to measurement process. The course is fairly generic so that there is no need for a particular background. Rather, what is needed is openness, and ability to learn and check out new ideas with comfort.

Signature of the participant with date

Mr. K Sreenivasa Reddy *K Sreenivasa Reddy 10/3/2025*

Head of the department

Signature with date

[Signature]
10/3/2025
Head of the Department
Mechanical Engineering
GIET (A), RAJAHMUNDRY A.P.