



UGC AUTONOMOUS

St. Martin's Engineering College



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Dhulapally Secunderabad - 500 100
www.smec.ac.in

Department of Electrical and Electronics Engineering



2024

NEWSLETTER
VOL.3 ISSUE - 02

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About College

St. Martin's Engineering College (SMEC) was established in 2002 by St. Martin's Children's Education Society. SMEC offers 6 B.Tech Courses. Such as B.Tech in CSE (600), CSE- AI & ML (300), CSE-DS(120), CSIT(120), ECE (240), EEE (30) with an intake of 1410 (UG) students per year. SMEC is a prestigious Autonomous (UGC-Govt of India) engineering college and first choice by aspiring students and parents. Since inception, SMEC with a motto of providing Quality Education in a highly disciplined and conducive environment with International Standards. It is a beautiful, unique & ineffable place which exudes positive energy, spiritual epiphany, sense of serendipity and produces intellectual, cultural, social giants & academic leaders. SMEC is awarded with prestigious grade A+ only 27 colleges in India, awarded A+ grade by NAAC),), NIRF ranked, National ranking by ARIIA, 2(f) & 12(B) Recognized by UGC Act of 1956, All courses are NBA accredited, Permanently Affiliated to JNTUH, Approved by AICTE, only young college in Telangana to receive UGC-Paramarsh, ISO certified, DSIR Recognition, J-Hub certified (JNTUH), TASK certified (Govt of Telangana), Part of Institute Innovation Council (MHRD-Govt of India), Remote center of IIT Bombay, Member of CII and MSME certified Institution. Signed more than 108 MoUs with major companies' and institutions. Careers 360 Certified as AAA+; Competition Success Review Ranked in top 3; and Wikipedia Ranked 2nd in Telangana. SMEC is bestowed with the glorious Governor Award Thrice; The Engineering Educators' Award ; NIRDPR Award (Govt. of India); IDF Best Partner Award; Dewang Mehta Award; TCS ION Award; CSI Award (Students Chapter); Best Innovation by Federation of Gujarat Industries, Street Cause-Most Dedicated Division, Best college award from Education Matter, Best College in sports facility and achievement by Stumagz, Telangana, National Leadership Excellence Award by ICCI. Best Engineering College by American College of Dubai, Dubai. Rs. 21.46 Lakhs received from SERB, Government of India, Consultancy project worth of Rs. 594 Crores received from GHMC – Hyderabad, Government of Telangana. Only college to receive Consultancy work worth of 150 Crores from HMWSSB, Hyderabad, Government of Telangana. Recently, Rs.25 lakhs funding was also received from AICTE. Adding feather in the cap, now SMEC students started receiving international awards and funding (4000 USD) from George Mason University Virginia, USA for our best start up, Rs.1.3 crores funding received from MSME, Govt. of India. The remarkable achievement by the faculty members of the college is that they have published 270+ books, 12886+ research papers, 288+ patents, 108+ copyrights and 50,000+ international certification courses. The crowning glory in academic excellence was achieved by bagging gold medals from university every year. 138 innovative products are developed by students and faculties. SMEC has a strong vision of offering world class training to the promising engineers and Management professionals. SMEC is situated in an eco-friendly environment, the college has the best infrastructure. 100% ragging free campus.



About Department

The Department of Electrical and Electronics Engineering (EEE) was started in the year of 2002 with an intake of 60. The Department is endeavouring to produce highly trained and capable engineers, who can take up the challenges of the real world. The Department focuses on uncompromising academic standards in imparting both theoretical and practical instructions with a view to prepare professional engineers. The B. Tech (Electrical and Electronics Engineering) Program has been accredited by the National Board of Accreditation (NBA) since 2008.

The faculty strives to foster and encourage a teaching methodology that is both practical and theoretical in approach tuning to the requirements of the latest developments in research and industry in the field of Electrical and Electronics Engineering. The Department is actively engaged in research. The efforts are directed towards reorienting the laboratories to establish close relation with industry. The department organizes short term training programs, seminars, workshops, guest lectures by Industry Experts, technical & non-technical student fests periodically. The department is working for the improvement of Industry – Institute Interaction in terms of academics & research and also for the development of infrastructure to match the needs of the industry. The department is striving hard to attain & sustain as a centre of excellence in Electrical engineering education & research with a holistic approach. The faculty has published more than 114 number of papers in reputed journals and conferences, 30 number of books, 5 number of book chapters and also 32 number of patents.

The Department has its own Technical Association, Beta to enhance the professional competence of students. The association organizes activities like lectures by distinguished industrialists, academicians, and practitioners of the profession, competitions for the students throughout the year. The association also conducts seminars, Guest Lectures and workshop. Through this the students will learn how to participate in these activities and get awareness of technical presentation and participation in group discussions.

Industrial visits are regularly organized to enhance the practical knowledge of the students and keep them abreast with the latest technological applications in various industries so that their employability skills are enhanced. Over the last three years the department was organized 15 industrial visits and 182 internships for the B.Tech. students.



VISION

Develop Electrical and Electronics Engineering department as a center of excellence by imparting quality education to the students, to enable them globally competitive.



MISSION



Create an environment where students excel in skill and knowledge development, to convert them as successful entrepreneurs with managerial ability, to train them to have all round personality development to work efficiently in any team, and to provide a platform for interaction between academic scholars and industry for best research achievements.

EDITOR IN CHIEF

Dr. P. Santosh Kumar Patra
Professor and Group Director

Dear all,

Greetings from St. Martin's Engineering College.

It gives me an immense pleasure to share with you the highlights of Electrical and Electronics Engineering (EEE) Department. The Department of EEE has done a fabulous job of creating this informative and valuable newsletter EN 'LIGHT' Edition 6. This edition of the Newsletter reports the significant activities carried out by faculty, students and Alumni in the areas of teaching and Learning, Research and Development and Industry Interaction, Sports and Cultural activities. The department has organised around 2 technical events, 2 Non- Technical Events and 3 Industrial Visits to enhance the knowledge of the students. The faculty and the students have contributed their research work in various areas of Electrical and Electronics Engineering, 21 NPTEL courses in the last 6 months. And faculty are writing the books. I hope this effort will definitely enrich our environment with academic diligence. I wish all the best for the academic, research and developmental activities in the department to achieve greater heights. I appreciate the efforts put in by editorial board of Electrical and Electronics Engineering to bring out the sixth edition of newsletter EN 'LIGHT'. My best wishes to the department for the future endeavours.

PRINCIPAL MESSAGE



Dr. M. Sreenivasa Rao
Principal

As we embark on a new year filled with promise and potential, I extend a warm welcome to each of you by our Newsletter – EN 'LIGHT'. The Department of Electrical and Electronics Engineering journey towards excellence in education continues. I am thrilled to witness the dedication and enthusiasm that our students, staff, and parents bring to our learning community. As we navigate the challenges and celebrate the triumphs ahead, let us remain steadfast in our commitment to fostering a nurturing and innovative environment where every individual can thrive. Let's embrace the opportunities for growth, collaboration, and success this year holds. Thank you for your unwavering support, and I look forward to another year of inspiring achievements.

HOD MESSAGE



Dr. N. RAMCHANDRA
Dean (Accreditations & Affiliations)
and Head of the Department.

Warm Greetings!!

I am delighted to present the 6th edition of our department's official newsletter, EN 'LIGHT'. This publication serves as a platform to connect with a broader audience across the institution. The reputation and success of our department and institution are built on the talents, accomplishments, and dedication of our students and faculty members. The primary purpose of EN 'LIGHT' is to inform, engage, and inspire its readers, including alumni, parents, students, and faculty. This edition celebrates our continued excellence in teaching, research, cultural initiatives, and service activities. I extend my heartfelt congratulations to everyone who has brought distinction to the department and my sincere appreciation to all for their teamwork and dedication. Let this newsletter serve as a creative space to showcase the literary talents, innovative ideas, and remarkable achievements of our students and faculty. Together, let us continue to shine and inspire through EN 'LIGHT'.

FACULTY MESSAGE



Dr. T. Rakesh
Associate Professor, Department of EEE

It is with great pride that the Electrical and Electronics Engineering Department unveils the sixth Edition of our newsletter, EN 'LIGHT', for the year 2024. This milestone reflects the collective technical expertise, analytical acumen, and unwavering dedication of our esteemed faculty and talented student engineers. Each edition of EN 'LIGHT' serves as a beacon, highlighting the latest advancements, achievements, and innovations in our field. This newsletter stands as a testament to our commitment to excellence and continuous growth. Congratulations to the entire team for this remarkable accomplishment! Here's to many more editions that continue to inspire and illuminate the path forward.

ALUMNI MESSAGE



Hello Everyone

I am Konda Yashaswini, a Software Engineer at Accenture. I pursued my B.Tech. in the Department of Electrical and Electronics Engineering, St. Martin's Engineering College from 2021- 2024. I am delighted to contribute to this newsletter and share my journey as an alumnus. Actively participating in numerous workshops and hackathons across various colleges, along with undertaking several projects, has been an enriching experience. These opportunities not only enhanced my technical skills but also allowed me to collaborate and innovate with peers and professionals at SMEC. I take immense pride in the department's achievements and remain eager to support and contribute to its continued growth. It fills me with excitement to witness our department's progress, and I look forward to seeing it scale even greater heights in the future.

FACULTY CORNER

FACULTY ACHIEVEMENTS

RESEARCH AND DEVELOPMENT CELL
Jawaharlal Nehru Technological University Hyderabad
 Kukatpally, HYDERABAD – 500 085, Telangana State
 Tel: 9154089525

Dr. V Kamakshi Prasad
 M.Tech., Ph.D. (IT-M)
 Senior Professor of CSE &
 DIRECTOR

directorrnd@jntuh.ac.in

To
 The principal
 St. Martin's Engineering (KB)
 Dundigal, Medchal Malkajgiri Dist.


Dt. 06-11-2024.

Sir,
 Sub: JNTUH – R&D Cell – List of eligible supervisors – Reg.
 Ref: Note orders of Hon'ble Vice-Chancellor, Dt. 02-11-2024.

Vide ref. cited above Hon'ble Vice Chancellor accorded approval to the following list of ratified faculty members working at your college to act as research supervisors for supervising Ph.D research scholars.

S.No.	Name of the faculty	JNTU Reg. ID	Branch Name
1	Dr Nittala Ramchandra	8097170912123118	EEE
2	Dr Ranadheer Donthi	4157150413154627	Mathematics

Thanking you.

Yours sincerely

 DIRECTOR



Dr. N. RAMCHANDRA
Dean (Accreditations & Affiliations)
and Head of Department.

St. Martin's Engineering College
 An Autonomous Institute

Approved by AICTE / Affiliated to JNTUH, Hyderabad / NAAC Accredited 'A+' Grade
 ISO 9001:2015 Certified / ISO 14001:2015 Certified / ISO 45001:2018 Certified
 Recognized Remote Center of JNT, Bundlary
 Dhulapally, Secunderabad – 500100
 www.smeec.ac.in

Ref: SMEC/GD's Office/2024-25/01 Date: 12-07-2024

OFFICE ORDER

I am pleased to announce the Promotion of the following staff member with immediate effect:

S.No.	Name of the Staff & Department	Designation
1	Dr. N. RAMCHANDRA (Professor & HOD, Electrical and Electronics Engineering)	Dean (Accreditations & Affiliations)

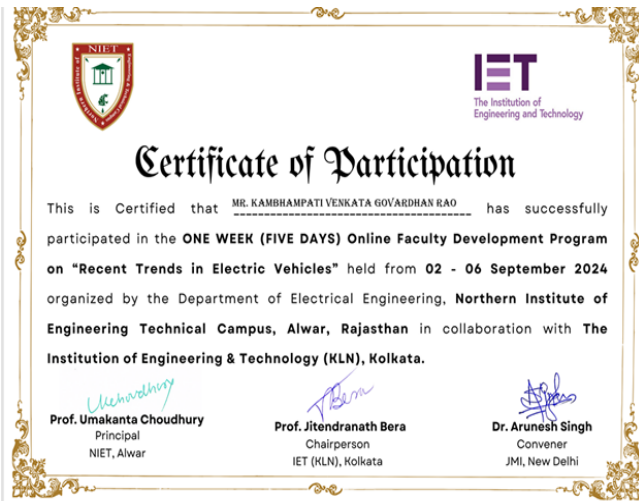
Please join me in congratulating the above staff member on Promotion and welcoming him to the new Position.

GROUP DIRECTOR

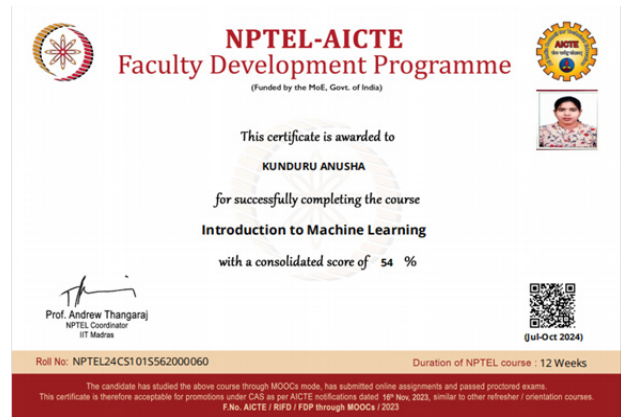
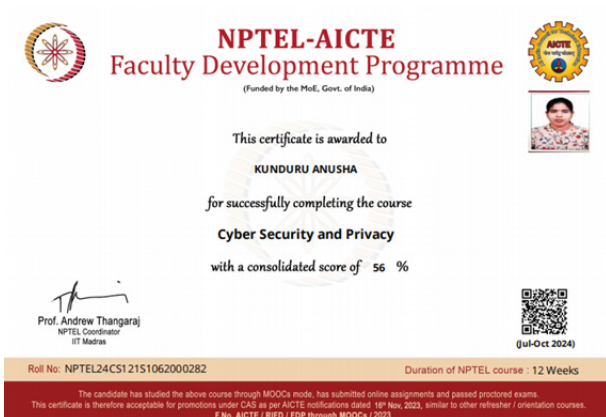
 GROUP DIRECTOR
 MARTIN'S ENGINEERING COLLEGE
 UGC - AUTONOMOUS
 Survey No. 88 & 100, Dhulapally (V),
 Dundigal-Gandhinagar (M), Medchal Malkajgiri (D),
 Secunderabad-500 100, Telangana.

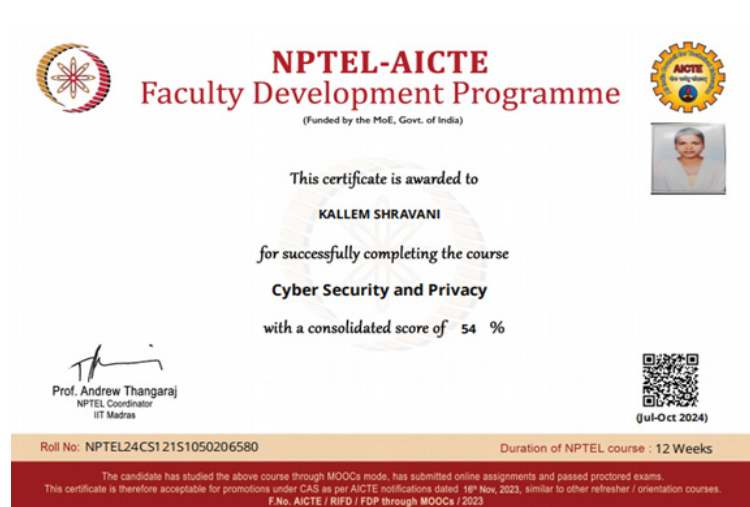
Cc to: 1) The Chairman & Executive Director – For kind information
 2) The Principal – For kind information
 3) All Deans & HODs
 4) HR Department

Dr. N. Ramchandra, Dean (Accreditations & Affiliations) Professor and Head of the Department, has achieved significant milestones in his career. He has been appointed as the Dean of Accreditations and Affiliations of SMEC and selected as a Research Supervisor for guiding Ph.D. scholars. Additionally, he serves as a Reviewer for Springer Nature Link - Sadhana, a prestigious journal published by the Indian Academy of Sciences.



Mrs. K. Annusha, Assistant Professor, EEE has participated in Three FDP programs, Cloud Computing, Cyber Security and Privacy and Introduction to Machine Learning

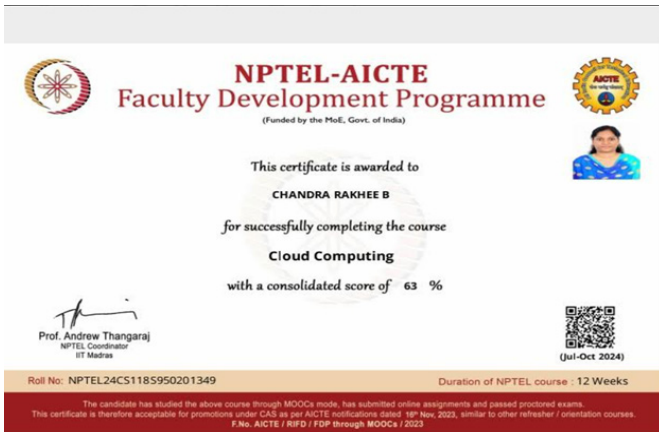




Ms. K. Shravani, Assistant Professor, EEE has participated in One FDP programs, Cyber Security and Privacy



Mrs. B. Chandra Rakhee, Assistant Professor, EEE has showcased her commitment to professional growth by participating in five FDP programs: Cloud Computing, Introduction to Industry 4.0 and Industrial Internet of Things, Introduction to Internet of Things, Software Testing, and Data Science for Engineers. She has also been recognized as a NPTEL Discipline Star and a NPTEL Believer, got an invitation from IIT Madras to the prestigious Mega NPTEL Star Event.



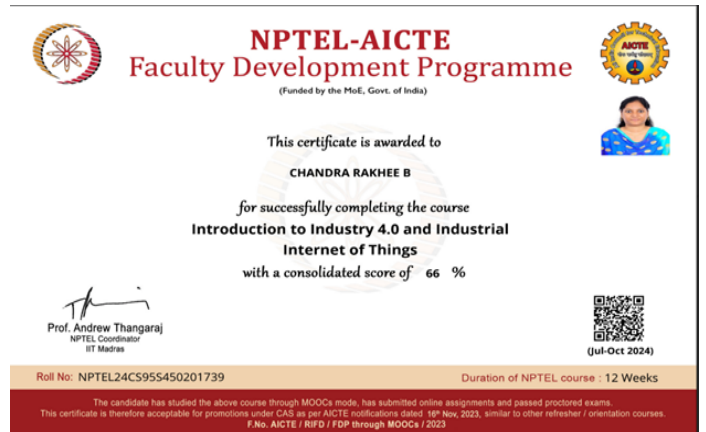
NPTEL-AICTE Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
CHANDRA RAKHEE B
for successfully completing the course
Cloud Computing
with a consolidated score of **63 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No: NPTEL24CS1185950201349 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 18th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / R/FD / FDP through MOOCs / 2023



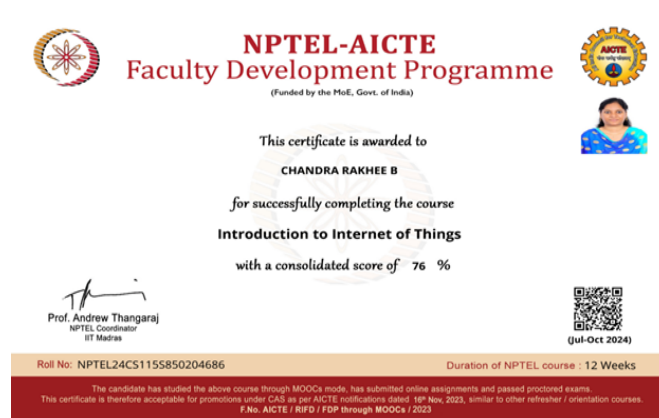
NPTEL-AICTE Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
CHANDRA RAKHEE B
for successfully completing the course
Introduction to Industry 4.0 and Industrial Internet of Things
with a consolidated score of **66 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No: NPTEL24CS955450201739 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 18th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / R/FD / FDP through MOOCs / 2023



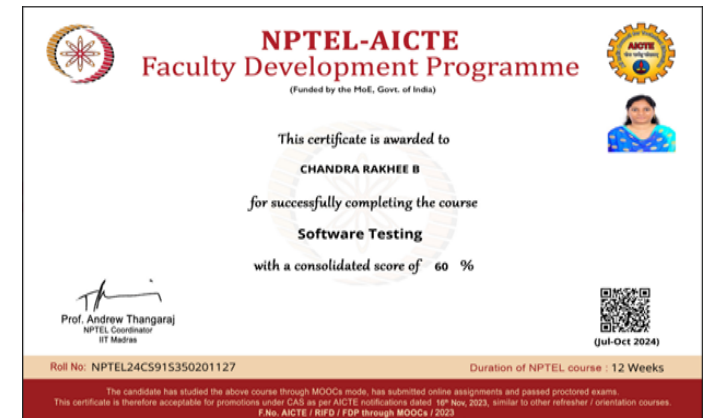
NPTEL-AICTE Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
CHANDRA RAKHEE B
for successfully completing the course
Introduction to Internet of Things
with a consolidated score of **76 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No: NPTEL24CS1155850204686 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 18th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / R/FD / FDP through MOOCs / 2023



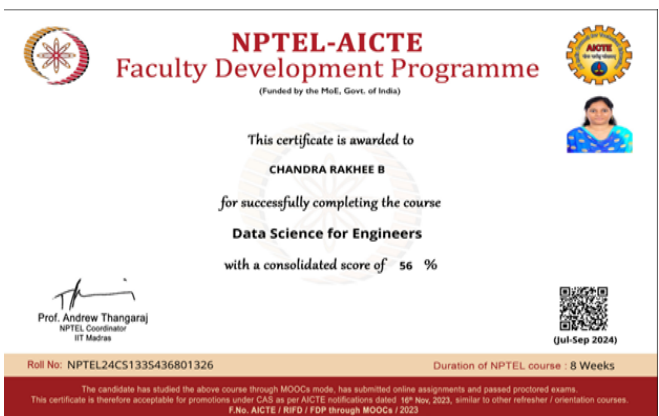
NPTEL-AICTE Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
CHANDRA RAKHEE B
for successfully completing the course
Software Testing
with a consolidated score of **60 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No: NPTEL24CS915350201127 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 18th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / R/FD / FDP through MOOCs / 2023



NPTEL-AICTE Faculty Development Programme
(Funded by the MoE, Govt. of India)

This certificate is awarded to
CHANDRA RAKHEE B
for successfully completing the course
Data Science for Engineers
with a consolidated score of **56 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

Roll No: NPTEL24CS1335436801326 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 18th Nov, 2023, similar to other refresher / orientation courses. F.No. AICTE / R/FD / FDP through MOOCs / 2023



CERTIFICATE OF APPRECIATION
TO
CHANDRA RAKHEE B
Computer Science and Engineering
for being recognized as NPTEL DISCIPLINE STAR
JUL-DEC 2024

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

M. Vignesh
NPTEL Coordinator
IIT Madras

NPTEL DISCIPLINE STAR
Certificate was issued to the candidate for being recognized as NPTEL DISCIPLINE STAR for the period of Learning, Post-course on selected disciplines.

NPTEL swayam



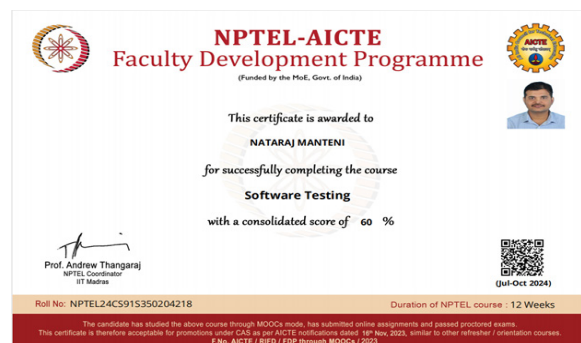
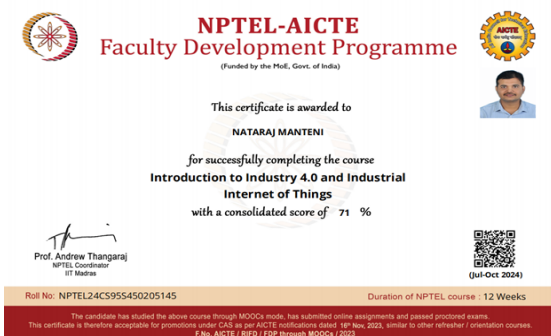
Invitation to the Mega NPTEL Star Event at IIT Madras – February 9, 2025 ★

N NPTEL C... 4 days ago to me

Dear NPTEL Star!
 Greetings from NPTEL, IIT Madras!
 Congratulations on performing extremely well in NPTEL courses and becoming an NPTEL star this semester. We hope you enjoyed the process of learning and the courses were beneficial.
 We are organising a special event on **Feb 9, 2025, Sunday at the IIT Madras campus**. Please note that this is a full-day event (9 AM to 5 PM). This will be a mix of interacting with the Coordinators/faculty/te as well as being able to attend a couple of workshops.
 Please let us know your availability to attend the

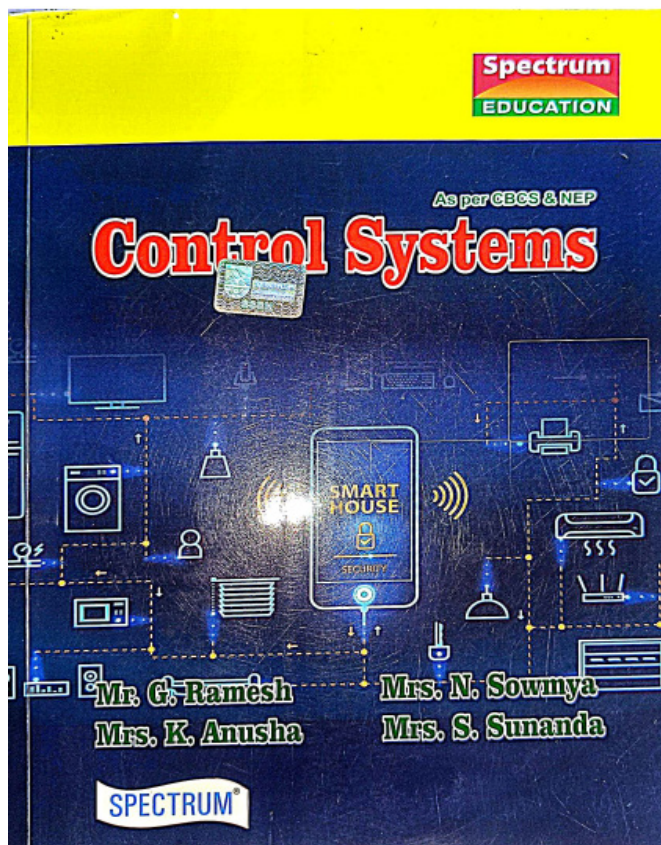


Mr. M. Nataraj, Assistant Professor, EEE has participated in Two FDP programs, Introduction to Industry 4.0 and Industrial Internet of Things, Software Testing.



TEXT BOOKS

S. No	Name of the Author	Title of the Book	Publication with ISBN number	Year
1	Dr.N. Ramchandra	Power Systems-I	Spectrum Education	2023
		Electrical Machines-I	Spectrum Education	2023
		Electro Magnetic Fields	Spectrum Education	2023
2	Mr. N. Daniel Manoj	Electrical Measurements and Instrumentation	Spectrum Education	2023
3	Mrs. T. V. Sai Kalyani	Electro Magnetic Fields	Spectrum Education	2023
		Electrical Measurements and Instrumentation	Spectrum Education	2023
4	Dr. K. V. Govardhan Rao	Power Systems-I	Spectrum Education	2023
		Power Systems-II	Spectrum Education	2023
		Power System Protection	Spectrum Education	2023
5	Ms. CH. Nirosha	Network Analysis and Synthesis	Spectrum Education	2023
6	Mrs. S. Sunanda	Basic Electrical Engineering	Spectrum Education	2023
		Electrical Machines-II	Spectrum Education	2023
7	Mrs. K. Shravani	Power Systems-II	Spectrum Education	2023
8	Mrs. K. Anusha	Control System	Spectrum Education	2024



Control Systems

Mr. G. Ramesh
Mrs. N. Sowmya
Mrs. K. Anusha
Mrs. S. Sunanda

About the Authors

Mr. G. Ramesh has been working as an Assistant Professor in **St. Martin's Engineering College**, Dhulapally, Kompally, Secunderabad in the Department of Electronics and Communication Engineering. He has completed his M.Tech in the specialization of VLSI & Embedded Systems from Kakatiya Institute of Technology & Science, Warangal, Telangana in 2011. He has 14 years of experience in teaching and Life member of ISTE. He has published more than 08 research papers in reputed International, National Journals and Conferences. His research interests are VLSI and Wireless Communications systems.

Mrs. N. Sowmya is working as an Assistant Professor in **St. Martin's Engineering College**, Dhulapally, Kompally, Secunderabad in the Department of Electronics and Communication Engineering. She has completed her M. Tech in VLSI from Gandhi Institute of Engineering and Technology University, Gunupur, India in 2019. Currently, she is continuing her Ph.D. at GIET University, Gunupur, India. Her research areas are VLSI design, Biomedical, Neural networks.

Mrs. K. Anusha serves as an Assistant Professor in the Department of Electrical and Electronics Engineering at **St. Martin's Engineering College**, located in Dhulapally, Kompally, Secunderabad. She earned her Master of Technology in Power Electronics and Electric Drives in 2015 and completed her Bachelor of Technology in Electrical and Electronics Engineering in 2013. With over 5 years of teaching experience, Mrs. Anusha has proficiently handled a diverse array of subjects, including Power Electronics, Power Systems, Electromagnetic Fields, and Computer Methods in Power Systems. She harbors a keen research interest in renewable energy sources and power electronic conversion and electric drives, areas where she actively pursues advancements and innovative applications.

Mrs. S. Sunanda has been working as an Assistant Professor in the Department of Electrical and Electronics Engineering, **St. Martin's Engineering College**, Dhulapally, Kompally, Secunderabad, Telangana India. She Completed M.Tech in CONTROL SYSTEMS at JNTUA, Anantapur, AP in 2005 and She completed B.E in Electrical & amp; Electronic Engineering in 2001 from OUC, Hyderabad, Telangana. She has published 3 research papers in reputed National and International Journals. She has published one patent. Her areas of interest are Control systems, Electrical Circuits and Measurements. She has 10 years of teaching Experience.

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ISBN 978-83-03162-41-2
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Power System Protection

Dr. P. Santosh Kumar Patra
Mrs. T. V. Sai Kalyani
Mr. K. V. Govardhan Rao

Spectrum EDUCATION

As per CBCS

Power System Protection

About the Authors

Dr. P. Santosh Kumar Patra is holding B.E., M.Tech & Ph.D in Computer Science and Engineering Degree. He has received continuously FICOR from "GOVERNOR AWARD from Governor of Telangana", "Rashtreeya Gaurav Award", "Rashtreeya Vilas Ratan Award", "Dhanrajya Award", "Young leader of the year & BEST International Award, Delhi. In his career glory he has achievements like publishing 130 papers and his 12 patents are selected by different companies for commercialization. He has published 78 books and more than 100 international & national research papers, 28 magazine articles & 100 newspaper coverages. Adding further to his career records, he is the only one from Telangana to receive the most prestigious Award named "National Happiness University Award" from Chairman of AICTE.

Mrs. T. V. Sai Kalyani is working as currently Assistant Professor in Electrical and Electronics Engineering Department, St. Martin's Engineering College, Dhalapally, Secunderabad, Telangana and is affiliated to JNTU Hyderabad. She is pursuing her Doctor of Philosophy degree at Anna's University, Bangalore. She Completed her Master of Technology at G. Narayanaiah Institute of Technology and Sciences, Anantapuram under JNTU Hyderabad and Bachelor of Technology at Osmania College of Engineering and Technology, Khammam, Secunderabad, affiliated to JNTU Hyderabad. She has more than 07 years of teaching experience. She Published over 18 Papers in various reputed journals, attended 03 conferences with ISBN number, and published 02 Indian Patents. She guided 03 M. Tech students. She is also a life member in Indian Society for Technical Education and Indian Association for Engineers. Her areas of research include Power Electronics and Drive, Power Systems.

Mr. K. V. Govardhan Rao is working as currently Assistant Professor in Electrical and Electronics Engineering Department, St. Martin's Engineering College, Dhalapally, Secunderabad, Telangana and is affiliated to JNTU Hyderabad. He is pursuing his Doctor of Philosophy at Kuvempu Lakshmi Educational Foundation (KL Deemed to be University), Vijayawada Campus. He Completed his Master of Technology at Abul Kalam Institute of Technological Sciences, Vijayawada, Karnataka affiliated to JNTU Hyderabad and Bachelor of Technology at Abul Kalam Institute of Technological Sciences, Vijayawada, Karnataka affiliated to JNTU Hyderabad. He has more than 09 years of teaching experience. He Published over 18 Papers in various reputed journals, attended 03 conferences with ISBN number, and published 01 Indian Patent. He is guided 03 M. Tech students, also author of 2 textbooks. He is also a life member in Indian Society for Technical Education and Indian Association for Engineers. His areas of research include Power Electronics, Power Systems.

Dr. P. Santosh Kumar Patra
Mrs. T. V. Sai Kalyani Mr. K. V. Govardhan Rao

AatmaNirbharBharat Abhiyan

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SunRaise

Electrical Measurements and Instrumentation

Dr. M. Vaigundamoorthi
Mr. N. Daniel Manoj
Mr. G. Balu Chandrabah

Spectrum EDUCATION

As per CBCS

Electrical Measurements and Instrumentation

About the Authors

Dr. M. Vaigundamoorthi, M.E., Ph. D is currently working as Professor in Electrical and Electronics Engineering and Controller of Examinations in St. Martin's Engineering College, Secunderabad. He also worked as Professor and In-charge training & placement coordinator in IIT department at Mahatma Institute of Technology & Science Mahatma, AP. He has received Ph.D in Department of Electrical and Electronics Engineering from College of Engineering, Guindy, M.E. in Power electronics and Drives specialization from College of Engineering Guindy and B.Tech in the Department of Electrical and Electronics Engineering from Anna's College of Engineering, Madurai, Tamilnadu. He has more than 16 year of teaching experience in various reputed organizations. He has published 10 publications 2 SCT and 3 Scopus in various International journals and conferences. His research interests are Power electronics and drives, Renewable energy sources.

Mr. N. Daniel Manoj is currently working as Assistant Professor and Placement Coordinator in Department of Electrical and Electronics Engineering, St. Martin's Engineering College, Secunderabad. He has received Master of Technology in Power Electronics from the JNT University, Kakinada, Andhra Pradesh and Bachelor of Technology in the Department of Electrical and Electronics Engineering from the JNT University, Kakinada, Andhra Pradesh. He has 9 years of teaching experience. He has written two text books titled "Network Analysis and Transmission Lines" and "Power System I". Published 7 papers and 20 research Publications in various reputed National, International journals and Conferences. His research areas include Power electronics, Power systems and his main research interests are modern trends in Electric Vehicle Technology.

Mr. G. Balu Chandrabah has been working as an Assistant Professor in the Department of Electrical and Electronics Engineering, St. Martin's Engineering College, Dhalapally, Kompally, Secunderabad, Telangana, India for last 09 years. He completed his M.Tech in Power Electronics in 2010 from RAJAMAHENDRA COLLEGE OF ENGINEERING Affiliated to Osmania JNTU HYDERABAD and he completed his B.Tech with Electrical and Electronics Engineering in 2013 from Anna's Institute of Engineering and Technology, Melkote, Nidamangudi, affiliated to JNTU Hyderabad. He published 04 research papers in reputed International Journal of Research. His Total experience in teaching is 06 years.

Dr. M. Vaigundamoorthi
Mr. N. Daniel Manoj
Mr. G. Balu Chandrabah

AatmaNirbharBharat Abhiyan

amazon.in

Sun Techno

Basic Electrical Engineering

Mrs. S. Sunanda
Mrs. Ch. Shilpa

Spectrum EDUCATION

As per CBCS & NEP

Basic Electrical Engineering

About the Authors

Mrs. S. Sunanda has been working as an Assistant professor in the Department of Electrical and Electronics Engineering, St. Martin's Engineering College, Dhalapally, Kompally, Secunderabad, Telangana, India. She Completed M.Tech in CONTROL SYSTEMS at JNTUA, Anantapur, AP in 2005 and She Completed B.E in Electrical & Electronics Engineering in 2001 from OJCE, Hyderabad, Telangana. She has published 3 research papers in reputed National and international journals. She has Published one Patents. Her areas of interest are Control system, Electric Circuit and Measurement. She has 10 years of teaching experiences.

Mrs. Ch. Shilpa Graduated in Electrical & Electronics Engineering from NALGONDA INSTITUTE OF TECHNOLOGY & SCIENCES, Affiliated to JNTUH, NALGONDA, TELANGANA, and obtained her Master's Degree from Dheera engineering college, Affiliated to JNTUH specializing in power electronics. Currently, she is working as an Assistant Professor of Electrical and Electronics Engineering Department, St. Martin's Engineering college, Dhalapally, Secunderabad, Telangana affiliated to JNTU, Hyderabad. She has 6 years of teaching experiences.

Mrs. S. Sunanda
Mrs. Ch. Shilpa

AatmaNirbharBharat Abhiyan

amazon.in

Sun Techno

PUBLICATIONS

CONFERENCES

S. No	Faculty name	Tentative Title of the Paper	Conference Publication
1	Dr. K. V. Govardhan Rao	GSM Based Vehicle Security Theft Control System	IEEE Conference (ICCMSSO)
2	Mrs. T. V. Sai Kalyani	Energy Conservation Opportunities and its Techniques in Net Zero Energy Buildings	ICSGET 2024

JOURNALS

S. No	Faculty Name	Tentative Title of the Paper	Journal
1	Dr. K. V. Govardhan Rao	Multi-objective optimal power flow solutions using nondominated sorting colliding bodies optimization	Scientific Reports (Nature)- Indexing SCIE
		Zero Voltage Switching with Reduced Current Stress for LED Lighting Applications	IET Power Electronics (SCIE), Publisher Name: Wiley
		Renewable Energy For Plug In Electric Vehicles	Elsevier
		A Hybrid Energy Storage System for Rechargeable vehicles	Springer, Singapore

CERTIFICATION COURSES

NPTEL COURSES

Dr. N. Ramchandra, Dean (Accreditations & Affiliations) and Head of Department. has Successfully completed NPTEL courses in Introduction to Machine Learning, The Joy of Computing Using Python and received certificates from IIT Madras



 **NPTEL ONLINE CERTIFICATION**
(Funded by the MoE, Govt. of India)

 Skill India
शिक्षण मंत्रालय - भारत सरकार

This certificate is awarded to
DR N RAMCHANDRA
for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **53** %

Online Assignments	21.56/25	Proctored Exam	31.38/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4541**


Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM


Jul-Oct 2024
(12 week course)



Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

 Indian Institute of Technology Madras

 swayam

Roll No: NPTEL24CS1015650205994 To verify the certificate  No. of credits recommended: 3 or 4

 **NPTEL ONLINE CERTIFICATION**
(Funded by the MoE, Govt. of India)

 Skill India
शिक्षण मंत्रालय - भारत सरकार


This certificate is awarded to
DR N RAMCHANDRA
for successfully completing the course

The Joy of Computing Using Python


with a consolidated score of **55** %


Online Assignments	24.88/25	Proctored Exam	30/75
--------------------	----------	----------------	-------


Total number of candidates certified in this course: **16472**



Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jul-Oct 2024
(12 week course)


Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

 Indian Institute of Technology Madras

 swayam

Roll No: NPTEL24CS113S750206683 To verify the certificate  No. of credits recommended: 3 or 4

Mrs. K. Annusha, Assistant Professor, EEE has Successfully completed NPTEL courses in Cloud Computing, Cyber Security and Privacy and Introduction to Machine Learning and received certificates from IIT Madras.



NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KUNDURU ANUSHA
for successfully completing the course

Cloud Computing

with a consolidated score of **55** %

Online Assignments	24.78/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **30816**

Jul-Oct 2024
(12 week course)

Prof. Naimanti Banerji
Prof. Naimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS1185962000007 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KUNDURU ANUSHA
for successfully completing the course

Introduction to Machine Learning

with a consolidated score of **54** %

Online Assignments	21.56/25	Proctored Exam	32.15/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **4541**

Jul-Oct 2024
(12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

M. Vignesh
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24CS101S562000060 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KUNDURU ANUSHA
for successfully completing the course

Cyber Security and Privacy

with a consolidated score of **56** %

Online Assignments	24.06/25	Proctored Exam	31.6/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **6461**

Jul-Oct 2024
(12 week course)

Prof. Andrew Thangaraj
Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

M. Vignesh
Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24CS12191062000282 To verify the certificate No. of credits recommended: 3 or 4

Mrs. B. Chandra Rakhee, Assistant Professor, EEE has Successfully completed NPTEL course in Cloud Computing, Software testing, Introduction to Industry 4.0 and Industrial Internet of Things, Introduction to Internet Things, Data Science for Engineers and received 1 Elite plus Silver and 3 Elite certificates from IIT Madras, IIT Kharagpur and IIIT Bangalore.



Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
CHANDRA RAKHEE B
for successfully completing the course
Cloud Computing

with a consolidated score of **63** %

Online Assignments	25/25	Proctored Exam	37.5/75
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Total number of candidates certified in this course: **30816**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS118S960201349 To verify 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
CHANDRA RAKHEE B
for successfully completing the course
Software Testing

with a consolidated score of **60** %

Online Assignments	19.69/25	Proctored Exam	40/75
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Total number of candidates certified in this course: **5340**

Jul-Oct 2024
(12 week course)

Dr. Chandrasekar Ramanathan
Chairman
Professor and Dean (Academics), IIT - Bangalore

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE

swayam

Roll No: NPTEL24CS91S350201127 To verify 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
CHANDRA RAKHEE B
for successfully completing the course
Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **66** %

Online Assignments	24.35/25	Proctored Exam	42/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **15725**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS96S450201739 To verify 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
CHANDRA RAKHEE B
for successfully completing the course
Introduction to Internet of Things

with a consolidated score of **76** %

Online Assignments	24.56/25	Proctored Exam	51/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **33131**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS115S850204686 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
CHANDRA RAKHEE B
for successfully completing the course
Data Science for Engineers

with a consolidated score of **56** %

Online Assignments	24.13/25	Proctored Exam	32.15/75
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Total number of candidates certified in this course: **3812**

Jul-Sep 2024
(8 week course)

Prof. Andrew Thangaraj
Dean
Centre for Outreach and Digital Education, IITM

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24CS133S436801326 To verify the certificate No. of credits recommended: 2 or 3



Ms. Ch. Nirosha, Assistant Professor, EEE has Successfully completed NPTEL course in Introduction to Internet of Things and received 1 Elite plus certificate from IIT Kharagpur.



Mr. M. Nataraj, Assistant Professor, EEE has Successfully completed NPTEL course in Software testing, Introduction to Industry 4.0 and Industrial Internet of Things and received 1 Elite plus Silver and 1 Elite certificate from IIT Kharagpur and IIIT Bangalore.

Elite

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
NATARAJ MANTENI
for successfully completing the course
Introduction to Industry 4.0 and Industrial Internet of Things
with a consolidated score of **71** %

Online Assignments	21.47/25	Proctored Exam	49.5/75
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Total number of candidates certified in this course: **15725**

Jul-Oct 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

swayam

Roll No: NPTEL24CS95S450205145 To verify 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
NATARAJ MANTENI
for successfully completing the course
Software Testing
with a consolidated score of **60** %

Online Assignments	17.44/25	Proctored Exam	43/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: **5340**

Jul-Oct 2024
(12 week course)

Dr. Chandrashekar Ramanathan
Chairman
Professor and Dean (Academics), IIT - Bangalore

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras

INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY BANGALORE

swayam

Roll No: NPTEL24CS81S350204218 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KALLEM SHRAVANI
for successfully completing the course
Cyber Security and Privacy
with a consolidated score of **54** %

Online Assignments	23.75/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **6461**

Jul-Oct 2024
(12 week course)

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

swayam

Roll No: NPTEL24CS121S1050206580 To verify the certificate No. of credits recommended: 3 or 4



Ms. K. Shravani, Assistant Professor, EEE has Successfully completed NPTEL course in Cyber Security and Privacy and received certificates from IIT Madras.

CERTIFICATION COURSES FROM VARIOUS AGENCIES

To Enhance the Technical knowledge, the faculty has completed 12 certification courses from different agencies.

S.no	Name of the faculty	Course	Certificate agency
1	Mr. Daniel Manoj	Programming methodologies	Academy Europe
2	Mrs. T. V. Sai Kalyani	Data warehousing computer science	Academy Europe
3	Dr. K.V. Govardhan Rao	Python deep learning	Academy Europe
4	Mr. V. Vishnu Vardhan	Parallel algorithm	Academy Europe
5	Ms. Ch. Nirosha	Simple object access protocol	Academy Europe
6	Ms. P. Priyanka	Chat GPT	Mind luster
7	Mr. G. Balachandraiah	Agile methodology	Academy Europe
8	Mrs. S. Sunanda	Computer level organization	Academy Europe
9	Mrs. V. Kiranmayee	Cryptography	Academy Europe
10	Mrs. K. Rupa Haritha	Compiler design	Academy Europe
11	Ms. Usha rani	Functional programming of computer	Academy Europe
12	Mrs. K. Shravani	Software development life cycle	Academy Europe

STUDENTS CORNER

TOPPERS

II - II TOPPERS



Meghana Urlana
8.15



Gayatri cheere
8.00



Banki Chaitanya
7.7

III - II TOPPERS



Jade Keerthana
8.77



Banoth Simhadri
8.36

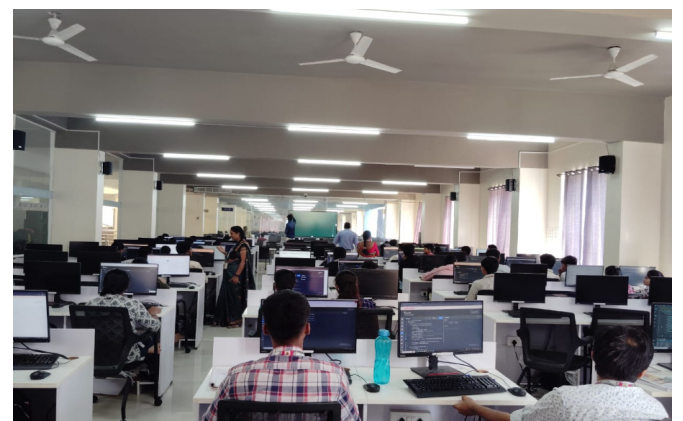
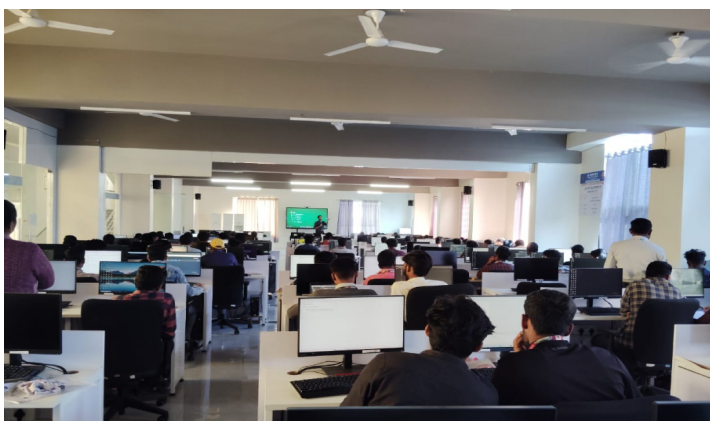
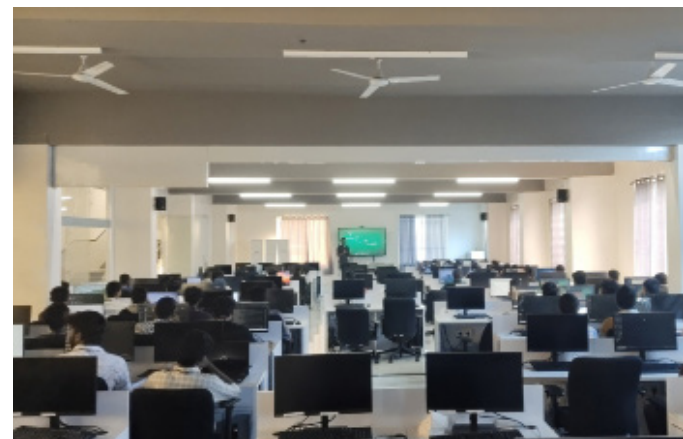
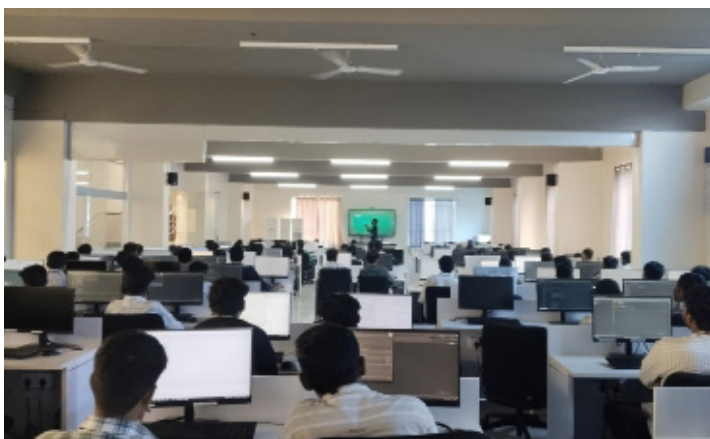
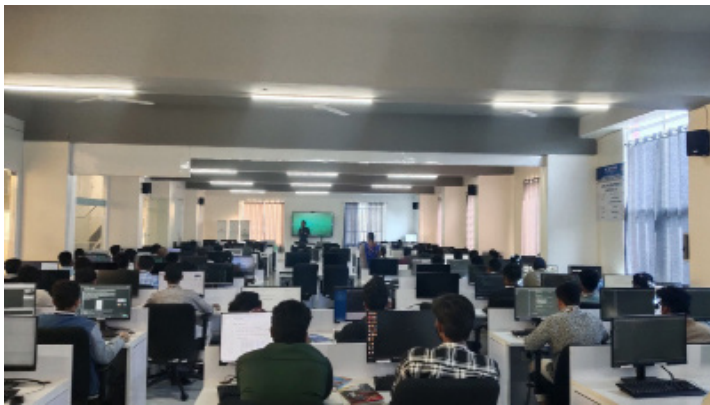


Aenugu Varsha Reddy
8.27

INERNSHIPS

The II and III-year EEE students successfully participated in an intensive internship program from October 16th to November 20th, 2024. This meticulously designed training focused on enhancing their proficiency in Python and Java programming, equipping them with advanced skills and preparing them for future career opportunities.





EVENTS

INDUSTRIAL VISIT - 1



The Department of Electrical and Electronics Engineering organized an industrial visit on 20.06.2024 to Central Power Training Institute (CPTI), 33/11KV Substation, SR Nagar, Hyderabad for the II-year EEE students. The Central Power Training Institute (CPTI), located in SR Nagar, Hyderabad, is a premier facility dedicated to training and skill development in the power sector. Equipped with a functional 33/11 kV substation, CPTI provides hands-on training and knowledge enhancement for professionals, engineers, and students in areas such as substation operations, maintenance, and power distribution. It plays a vital role in fostering expertise to meet the growing demands of the energy industry.

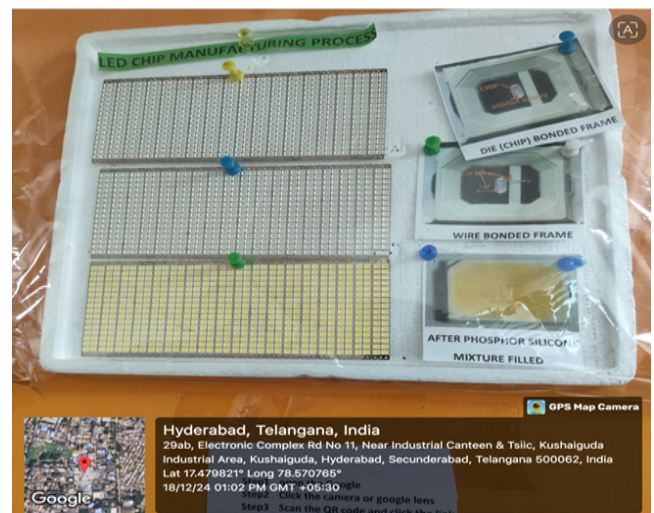
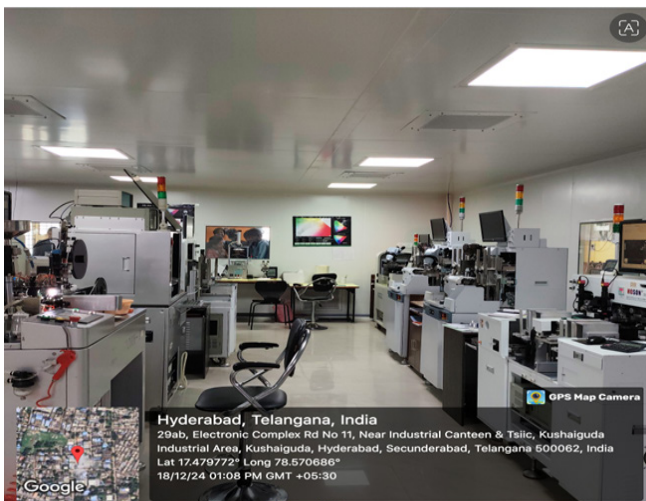
INDUSTRIAL VISIT - 2

The Department of Electrical and Electronics Engineering organized an industrial visit on 30.09.2024 to Devi Electronics Pvt. Ltd, Nacharam, Hyderabad for the II-year EEE students. An industrial visit to Devi Electronics provides students with a valuable opportunity to gain practical insights into the manufacturing and functioning of educational laboratory equipment. Established in 1992 and based in Hyderabad, Devi Electronics specializes in producing equipment for electrical, electronics, and power system laboratories, including regulated power supplies, function generators, digital panel meters, and more. During the visit, participants can observe the end-to-end production processes, quality control measures, and advanced technologies employed in designing and manufacturing their products. This hands-on exposure helps students connect theoretical concepts with real-world applications, enhancing their understanding of engineering principles and industrial practices. Such visits also inspire innovation and provide a platform for learners to interact with industry professionals, enriching their educational experience.



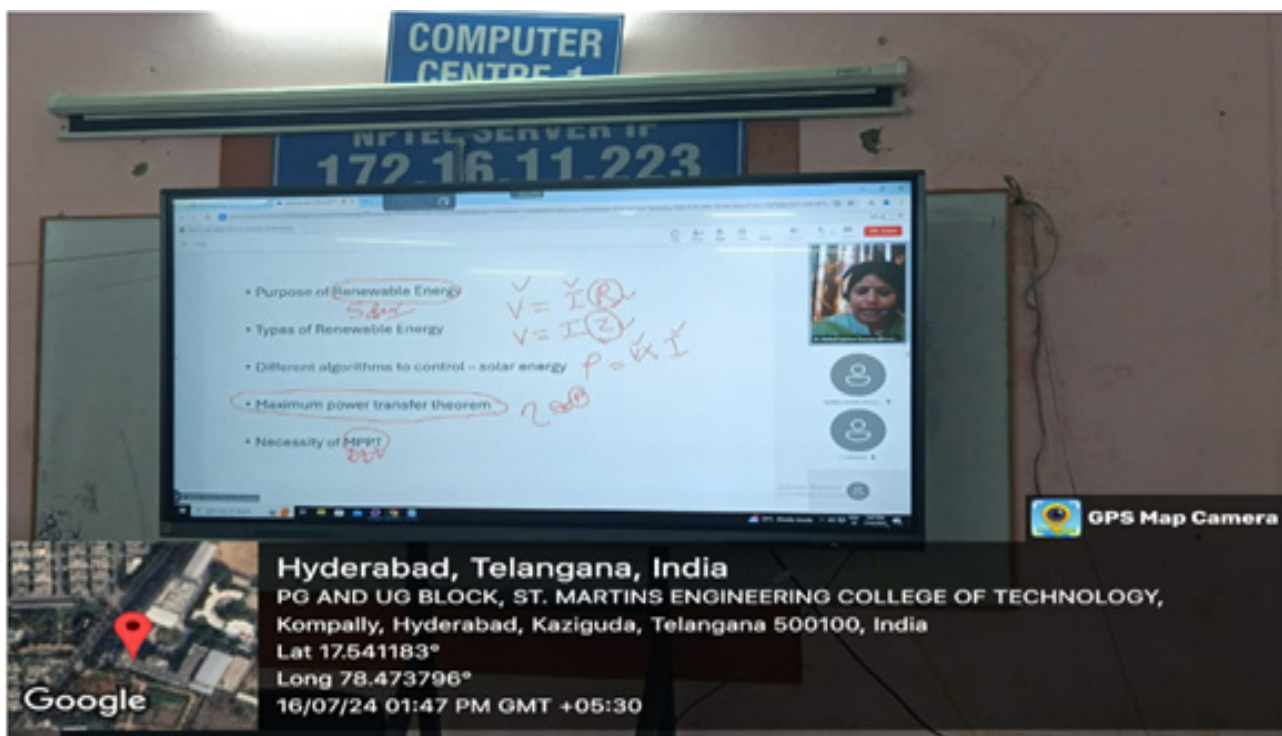
INDUSTRIAL VISIT - 3

The Department of Electrical and Electronics Engineering organized an industrial visit on 18.12.2024 to LED chip indus Pvt.Ltd, Kushaiguda, Hyderabad for the III-year EEE students. LED chip Indus is part of the Kwality Photonics Group. LED chip Indus Private Limited, established on April 26, 2016, pioneered manufacturing of Light Emitting Diodes (LEDs) and Opto Electronic Components in India. It is a Hyderabad-based company specializing in LED chip manufacturing. Recognized as a Startup India enterprise by the Department of Industrial Policy and Promotion (DIPP).



GUEST LECTURE

The Department of Electrical and Electronics Engineering organized an Online Guest Lecture on “Design Of MPPT Solar Charge Controller Used In Renewable Energy Applications” for the II & IV year EEE students. Guest lectures play a vital role in enhancing the learning experience to the students. A guest lecture on a specific subject serves as an opportunity to gain deeper insights and practical perspectives from an expert in the field. The speaker, typically a academic with extensive knowledge, shares their expertise, experiences, and real-world applications related to the subject. This type of lecture complements regular classroom learning by providing current trends, innovative ideas, and case studies that enhance understanding. It also allows students to ask questions, clarify doubts, and learn about practical challenges and solutions within the subject area. Such guest lectures make education more engaging and enrich the overall learning journey



DIGITAL INDIA

Department of Electrical and Electronics Engineering

**AWARENESS
ON
DIGITAL
INDIA**



Dr. P. Santosh Kumar Patra, Group Director,
St. Martin's Engineering College

The Department of Electrical and Electronics Engineering has successfully organized Digital India event on November 29th, 2024 in ZPHS School, Macha Bollaram and Holy Angels High School, Bollaram. The primary objective of the program was to raise awareness about Digital India among 9th and 10th-grade students, emphasizing its significance in today's world. The event aimed to introduce students to the concepts and benefits of digital technologies, inspiring them to embrace these tools for their educational and personal development. Our esteemed Group Director, Dr. P. Santosh Kumar Patra sir, addressed the audience through his virtual presence, delivering an enlightening session on the vision and impact of Digital India. Following his address, faculty members and student coordinators engaged with the students in interactive discussions, fostering enthusiasm and curiosity. The response from the students was overwhelmingly positive, reflecting their eagerness to explore and leverage digital advancements for a brighter future.



Secunderabad, Telangana, India
Bolarum, Burtonguda, Railway Crossing Rd, Maa Santoshi Colony Phase 1,
Maa Santoshi Colony, Bolarum, Secunderabad, Telangana 500010, India
Lat 17.534186° Long 78.51516°
29/11/24 02:39 PM GMT +05:30

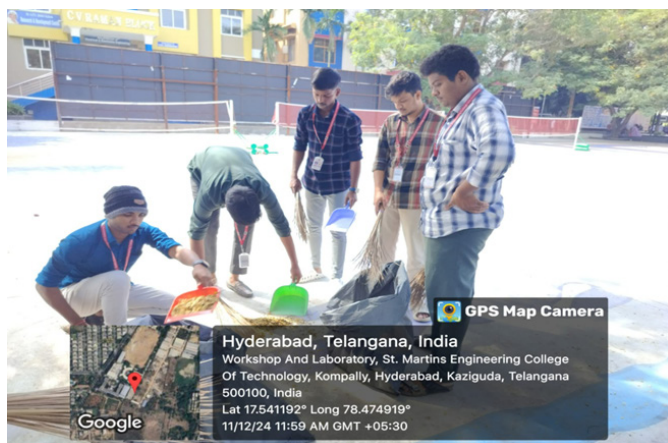
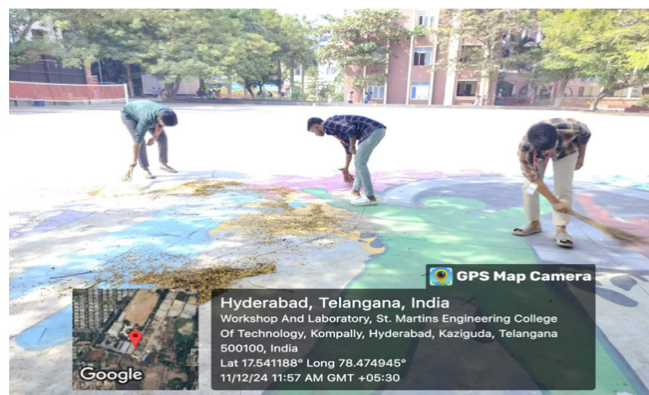


Secunderabad, Telangana, India
4-169/1, Machabollaram, Bolarum, Secunderabad, Telangana
500010, India
Lat 17.5164° Long 78.512676°
29/11/24 11:53 AM GMT +05:30



SWACHH BHARAT

The Department of Electrical and Electronics Engineering has successfully organized Swachh Bharat event on December 11th, 2024. Swachh Bharat Mission, also known as Swachh Bharat Abhiyan or Clean India Mission, is a country-wide campaign initiated by the Government of India on 2 October 2014. The campaign aims to eliminate open defecation and improve solid waste management. It also aims to create Open Defecation Free (ODF) villages and increase awareness of menstrual health management. The campaign was made into a nation-wide movement in 2018, and over the next two weeks leading to October 2, the Swachhata Hi Seva movement aims to ensure a high standard of cleanliness across the country.



CONFERENCE

The department has proudly organized fourth International conference on Advances in Electrical and Electronics Engineering” [ICAEEE 2024] on 17th & 18th December 2024. It is with great motivation and aspiration towards research and innovation.

International Advisory Committee & Keynote Speakers

Mr. Rohith Reddy,
ETL Developer,
FNZ Group (UK) Limited,
Czechia Republic.

National Advisory Committee

Dr. M. Kiran Kumar
Associate Professor, Dept. of EEE,
KL Deemed to be University,
Vaddeswaram, Guntur,
Andhra Pradesh, India.

Dr. B. Srikanth Goud
Assistant Professor, Dept. of EEE,
ANurag University,
Hyderabad, T.S., India.

Dr. T. Vishnu Charan
Assistant General Manager,
Worley, Hyderabad, India.

Organizing Committee

Ms. CH. Nirosha, Asst. Prof., Dept. of EEE.
Mr. K. Shrivani, Asst. Prof., Dept. of EEE.
Mr. M. Nataraj, Asst. Prof., Dept. of EEE.
Mrs. B. Chandra Rakhee, Asst. Prof., Dept. of EEE.
Mrs. K. Anusha, Asst. Prof., Dept. of EEE.
Mrs. B. Chandra Rakhee, Asst. Prof., Dept. of EEE.
Mr. S. Ratna Kumar, Asst. Prof., Dept. of EEE.

Reach Us

Mrs S. Sunanda,
Assistant Professor, Department of EEE,
St. Martin's Engineering College,
Dhulapally, Kompally, Secunderabad – 500100.
E-mail: ssunandaseee@smec.ac.in
Phone No: +91 7396185872.

Mrs. T. V. Sai Kalyani,
Assistant Professor, Department of EEE,
St. Martin's Engineering College,
Dhulapally, Kompally, Secunderabad – 500100.
E-mail: kalyaniseee@smec.ac.in
Phone No: +91 9491887804.



Convener

Dr. N. Ramchandra
Professor & HOD
Department of Electrical & Electronics Engineering
St. Martin's Engineering College
Dhulapally, Kompally, Secunderabad – 500100, India.

Coordinators

Mrs. S. Sunanda, Asst. Prof., Dept. of EEE.
Mr. K. V. Govardhan Rao, Asst. Prof., Dept. of EEE.
Mrs. T. V. Sai Kalyani, Asst. Prof., Dept. of EEE.

Advisory Committee

Dr. M. Sreenivasa Rao, Principal
Dr. S. V. S Rama Krishnam Raju, Professor, Dept. of
ECE & Dean Academics.
Dr. Sanjay Kumar Suman, Professor, Dept. of ECE
& Dean R&D.
Dr. D. V. Sreekanth, Professor & HOD, Dept. of Mech.
and Dean Administration.
Dr. B. Hari Krishna, Professor & HOD, Dept. of ECE.
Dr. R. Santhoshkumar, Assoc. Prof. & HOD, Dept. of
CSE.

Dr. V. K. Senthil Raghavan, Professor & HOD, Dept. of
IT,

Dr. D. Ranadheer Reddy, Professor & HOD, Dept. of
FME.

Prof. J. K. Sandhya Kiran, Assoc. Prof. & HOD, Dept.
of Civil Engineering.

Dr. N. Krishnaiah, Professor & HOD, Dept. of AI&ML.

Dr. Rajalingam, Professor & HOD, Dept. of AI&DS.

Dr. P. Sai Prasad, Professor & HOD, Dept. of CSD.

Dr. K. Srinivas, Professor in HOD, Dept. of CSE (AI &
ML).



Fourth International Conference on “Advances in Electrical and Electronics Engineering” (ICAEEE – 2024) 17th & 18th December, 2024



Organized by
Department of Electrical and Electronics
Engineering
St. Martin's Engineering College

UGC Autonomous
A Non-Minority College | Approved by AICTE | Affiliated
to JNTUH, Hyderabad | NAAC-Accredited 'A+' Grade |
2(f) & 12(B) status (UGC) ISO 9001:2015 Certified |
NBA Accredited | SIRO (DSIR) | UGC-Paramarsh |
Recognized Remote Center of IIT, Bombay

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St. Martin's Engineering College, an Autonomous Institution, situated in an eco-friendly environment, with state-of-art infrastructure. College has achieved the prestigious grade A+ from NAAC, UGC Paramarsh mentor, NBA accredited, ISO certified, DSIR Recognition, Remote center of IIT Bombay, Member of CII and MSME certified Institution. Signed more than 82 MoU's with major companies' and institutions.

About Department

Electrical and Electronics Engineering was started in the year of 2002 with an intake of 60. We are technologically updated and follow the strict curriculum provided by JNTUH to impart a standard education to our students. There are 10 well qualified and trained faculty from various reputed Universities and Institutions. The Department is endeavoring to produce highly trained and capable engineers, who can take up the challenges of the real world. Department of EEE faculties published 314 research papers, published 19 books, and filed 18 patents. Students also participated 18 events and bagged awards in all events. The Department has IET student chapter.

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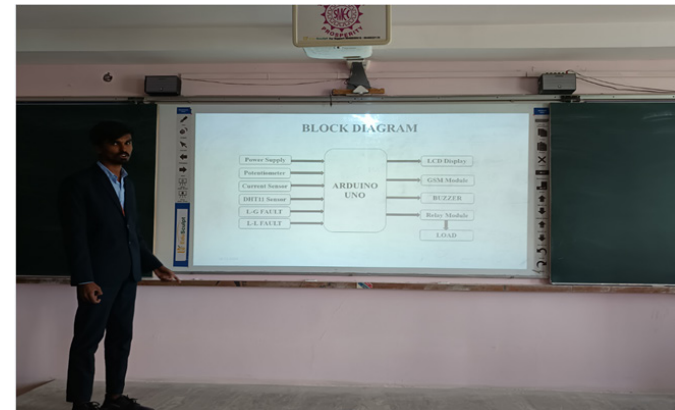
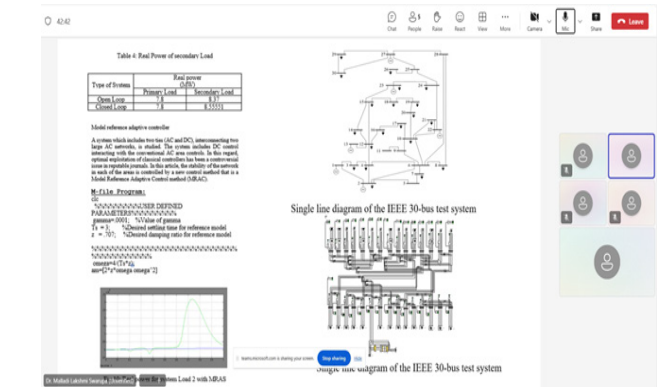
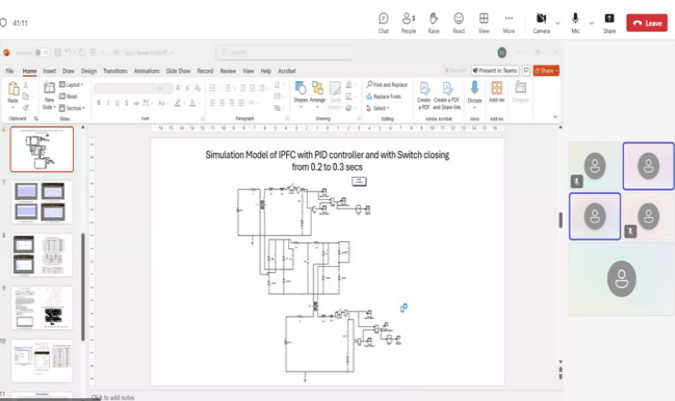
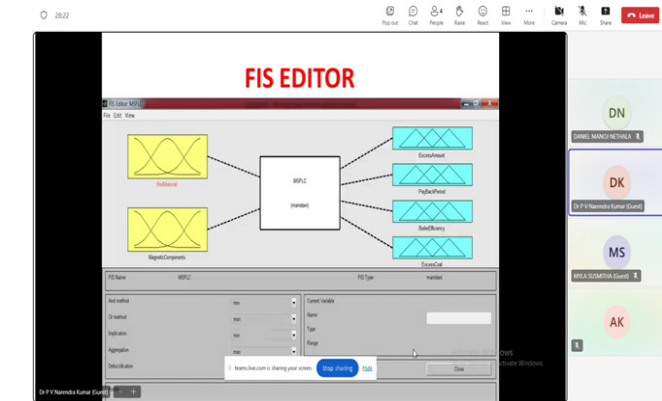
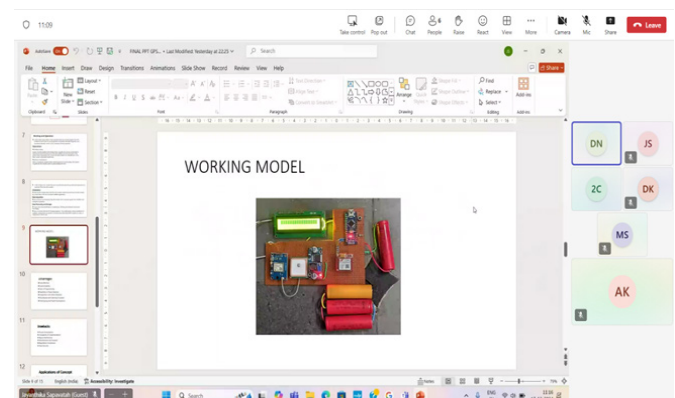
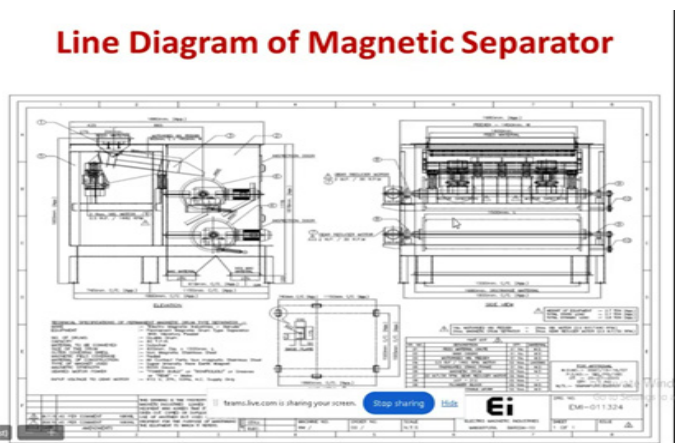
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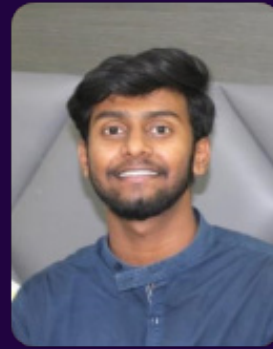
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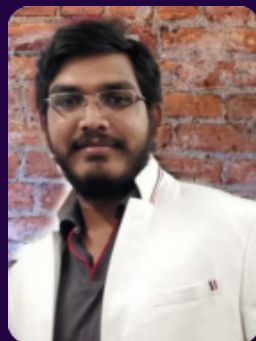


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