


Sri Sai Ram
Engineering College
Department of Electrical and Electronics Engineering

1. Name :	CHITHRA.V 
2. Designation:	ASSISTANT PROFESSOR
3. Qualification :	M.E
4. Area of Specialization :	EMBEDDED SYSTEM TECHNOLOGIES
5. Experience :	Teaching : UG: 5 PG : 1 Industry : NIL
6. No. of workshop : FDP attended :	WORKSHOP- 3 NATIONAL CONFERENCE-3 FDP :18 STTP: 3
7. Publication :	Journal National : - International : 1 Conference National : - International : 5
8. Research Guidance :	NIL
9. General :	Roles and Responsibilities handled: 1. Placement Coordinator 2. Test Coordinator 3. Class Counsellor 4. Result analysis In-charge 5. Lab In-charge 6. Faculty and student Profile In-charge 7. Student personality developer

	<p>Current Roles:</p> <ol style="list-style-type: none"> 1. Digital media ambassador 2. Department Event Coordinator 3. Result analysis In-charge(2021-2025 batch) 4. NBA CRITERION 4&5 5. Department VIDWAN Coordinator 6. SEC-INNOVATHON Coordinator 7. Department LEAP Coordinator and Mentor 8. Naan Mudhalvan - Department Coordinator 9. Department co curricular & extra-curricular activities Coordinator 10. NAAC Criterion 6
<p>10. Staff Achievements:</p>	<p>Previous Achievements:</p> <ol style="list-style-type: none"> 1. Have received cash awards in many subjects for producing more than 80 % results in AU end semester exams. 2. Good student feedback. <p>Current achievements:</p> <ol style="list-style-type: none"> 1. Completed NITTT Module 1 with 96.5 %, Module 5 with 96.5 %, Module 7 with 70.6 %. 2. Completed NPTEL “Introduction to industry 4.0 and Industrial Internet of things” with ELITE SILVER MEDAL. 3. Got an industrial project opportunity ‘Industrial gas monitoring and control’ for final year project batch in ORCHID PHARMA LTD. 4. Completed NPTEL Enhancing soft skills with personality development with ELITE SILVER MEDAL. 5. Completed NITTT Module 3 with 79 %. 6. Have a certificate in Building a face recognition application using python as a part of AI-for India Event. 7. Have participated in GUVI-Guinness world record event-Most users to take an Online computer programming lesson in 24 hours

EXPERIENCE:

Name of the Employer	Position Held	Period	
		From	To
1. C.ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY,RANIPET, TAMILNADU.	ASSISTANT PROFESSOR	03.07.2017	30.04.2020
	ASSISTANT PROFESSOR	06.08.2020	TILL DATE
2. SRI SAI RAM ENGINEERING COLLEGE			

Faculty Development Program / Workshop / Conference Attended**Faculty Development Program:**

1. Attended 5 days Faculty Development Programme on 'Matlab and R tools' conducted by Department of Information and Technology 1st week of August, 2018, at C. Abdul Hakeem College of Engineering and technology, Vellore.
2. Attended two weeks online Faculty Development Programme on "Machine learning techniques for imaging and health care with python" from 28.01.2021 to 10.02.2021 organized by Department of Instrumentation and Control Engineering, at Sri Sairam Engineering College-Chennai.
3. Attended five days ISTE sponsored virtual Faculty Development Programme on "Renewable Energy Systems" from 08.02.2021 to 12.02.2021 organized by Department of Electrical and Electronics Engineering, at Sri Sairam Engineering College-Chennai.
4. Attended five days Skill Development Programme on "Python programming" from 08.02.2021 to 12.02.2021 organized by Department of Computer Science and Engineering, at Sri Sairam Engineering College-Chennai.
5. Attended AICTE Training And Learning (ATAL) Academy Online Faculty Development Programme on "Sustainability Engineering" from 22.02.2021 to 26.02.2021 at Canara Engineering College.
6. Attended six days online Short Term Training Programme on "Emerging Trends and Research Challenges in Next Generation Wireless Networks" organized by Department of Electronics & Communication Engineering, Kongunadu College of Engineering and Technology, Trichy from 15.03.2021 to 20.03.2021.
7. Attended six days online Short Term Training Programme on "Emerging Trends and Research Challenges in Next Generation Wireless Networks" organized by Department of Electronics & Communication Engineering, Kongunadu College of Engineering and Technology, Trichy from 29.03.2021 to 03.04.2021.
8. Attended AICTE sponsored online two weeks Faculty Development Programme on "Trends and Challenges in Power Converters and Control-Slot II" Organised by Department of Electrical Electronics Engineering, College of Engineering Guindy, Anna University, Chennai from 04.05.2021 to 18.05.2021.
9. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Telemedicine and Digital Healthcare: Opportunities & Threats" from 2021-05-17 to 2021-05-21 at Rabindranath Tagore University.

10. Attended AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Signal Processing and Machine Learning for AI-Driven Healthcare Systems" from 2021-06-23 to 2021-06-27 at IIT Patna.
11. Attended 5-day AICTE-ATAL sponsored Faculty Development Program on "Artificial Intelligence: Applications in Modern Scenarios" from 05-09 July, 2021 conducted by Department of Computer Science & Engineering, M.B.M. Engineering College, Jai Narain Vyas University, Jodhpur (RAJ).
12. Attended 5-days online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education(AICTE) from 12 July, 2021 to 16 July, 2021.
13. Attended AICTE Sponsored Online STTP - Application of Machine Learning and Artificial Intelligence Techniques for Control of Future Grid, 02-07 August-2021 at Department of Electrical and Electronics Engineering, NMAM Institute of Technology.
14. Attended 4-days online FDP on "Recent trends in energy and power systems" organized by "the school of electrical engineering (SELECT)", VIT-Chennai from 06.09.2021 to 09.09.2021.
15. Attended 5-days online FDP on "Research challenges in electrical engineering and the solution with software" held from 20.12.2021 to 24.12.2021.
16. Participated in the one week Online Faculty Development Program on "AI Applications to Power Systems" during 17- 22 January 2022, organised by Department of Electrical & Electronics Engineering, Siddaganga Institute of Technology, Tumakuru.
17. Presented a paper titled "Smart Sprinkler System using Raspberry Pi" in the 2022 international conference on COMMUNICATION COMPUTING & IOT held on 10th and 11th march 2022.
18. Attended six-days Faculty Development Training Programme on DIGITAL SIGNAL PROCESSING conducted in ONLINE MODE by the Department of EEE at Kingston engineering College, Vellore from 11.07.2022 to 16.07.2022.
19. Participated in the AICTE Recognized Faculty Development Programme on MATLAB and SIMULINK basics for Hardware Projects Conducted by Electrical Engineering Department from 01.08.2022 to 05.08.2022 at NITTTR-CHANDIGARH.
20. Successfully completed the Faculty Development Workshop on "Product Engineering for Real-Life Problems" held at "IIT Madras Research Park, Chennai" From 28-09-2022 to 30-09-2022.
21. Attended And Completed AICTE Training And Learning (ATAL) Academy Sponsored Faculty Development Program (FDP) On "Integration Of Renewable Energy Technology For Smart Ships And Hands-On Training In Solar System Design Using Simulation Software " from 31.10.22 To 11.11.22 In Hybrid Mode. Programme Conducted By The Department Of Electrical And Electronics Engineering (AMET University-Chennai).

22. Attended & Completed Successfully AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP On "Accrediation And Outcome Based Pedagogic Principles For Effective Teaching" From 2022-11-14-2022-11-19 To 2022-11-21-2022-11-25 At Academy Of Maritime Education And Training Deemed To Be University.
23. Attended And Completed five days Faculty Development Program (FDP) On "Recent trends in 5G communication networks" From 26.12.2022 to 30.12.2022 conducted by the department of Electronics and Communication Engineering of Sri Sairam Engineering college, Chennai.
24. Attended And Completed three days Faculty Development Program (FDP) On "How teachers can make a difference" From 07.02.2023 to 09.02.2023 conducted by Teaching Learning Center (TLC) Indian Institute of Technology Madras Chennai 600036 India.
25. Attended 5-days online FDP on the theme "Inculcating Universal Human Values in Technical Education-PART II" organized by All India Council for Technical Education(AICTE) from 13.02.2023 to 18.02.2023.

Courses/workshops completed:

1. Completed the test of NITTT course MODULE 2 , 4, 6 and 8.
2. Attended 12 weeks NPTEL Online course for "Digital circuits".
3. Completed NITTT course MODULE 1 'Orientation towards Technical Education and Curriculum Aspects' with 96.5 %.
4. Completed NITTT course MODULE 5 'Technology Enabled Learning & Life Long Self Learning' with 96.5 %.
5. Completed NITTT course MODULE 7 'Creative Problem Solving, Innovation and Meaningful R & D' with 70.6 %.
6. Completed NPTEL "Introduction to industry 4.0 and Industrial Internet of things" with ELITE SILVER MEDAL with 77%.
7. Completed NITTT course MODULE 3 'Communication and knowledge dissemination' with 70 %.
8. Completed NPTEL course 'Enhancing soft skills with personality development' with ELITE SILVER MEDAL with 77%.
9. Completed a three months IAO, ISO certified course in PLC, SCADA, VFD & PFI from April 2012 to June 2012 at Technocrat automations-Chennai.
10. Attended Two weeks workshop on "Embedded systems" in April 2017 Blue chip Technologies-Chennai.
11. SSA101x: Hands-on training on Solar Study Lamp Assembly:- An online course, recognized by Skill Council for Green Jobs, conducted from 01 May 2019 to 31st Dec 2019 for Student Solar Ambassador Workshop 2019. This course is offered by IIT-BombayX, an online learning initiative of Indian Institute of Technology Bombay.
12. Attended One day workshop on 'Comsol multiphysics simulation tool' conducted by Department of Electrical and Electronics Engineering on 17.10.2019 at VIT, Vellore.

In-plant training:

1. Successfully undergone One Week "Faculty Industrial Training Program" at I.P.L. PRODUCTS, Plot No. 48, Sidco Industrial Estate, Thirumudivakkam, Chennai - 132 during the period 13.06.2022 to 18.06.2022.
2. Successfully Completed 8 days In-plant training at southern railways (ICF-Perambur, Chennai) from 17.06.2013 to 24.06.201.

Journal and Conferences:

1. Presented and submitted a paper titled "INDUSTRIAL ENVIRONMENTAL MONITORING AND RECTIFYING SYSTEM" in IEEE International Conference on "Power,energy,control and transmission system" held at Sri Sairam Engineering College,Chennai on 8th and 9th December, 2022.
2. Presented and submitted a paper titled "MOVEMENT OF BICYCLE USING ELECTRO-MAGNETISM ALONG WITH FREE ENERGY GENERATION" in IEEE International Conference on "Power,energy,control and transmission system" held at Sri Sairam Engineering College,Chennai on 8th and 9th December, 2022.
3. Presented and submitted a paper titled "INTELLIGENT SAVIOUR SYSTEM FOR IMPROVED SECURITY" in IEEE International Conference on "Power,energy,control and transmission system" held at Sri Sairam Engineering College,Chennai on 8th and 9th December, 2022.
4. Presented and submitted a paper titled "INTELLIGENT APPROACH OF ELECTRICITY GENERATION: MICROBIAL FUEL CELL" in IEEE International Conference on "Power,energy,control and transmission system" held at Sri Sairam Engineering College,Chennai on 8th and 9th December, 2022.
5. Presented a paper titled "Smart Sprinkler System Using Raspberry Pi" in International conference on communication computing and IOT held on 10th & 11th march 2022 and published the paper for IEEE conference publication organized by ECE department of Sri Sairam Engineering College-Chennai and It has been scopus indexed.
6. Published a paper titles 'Design and development of holographic fan' in UGC journal 2022.
7. Presented a paper titled "Zigbee Based Navigation of an Agricultural Robot Using Track Planning and Shape Recognizing Algorithm" in International Conference on Science, Technology Engineering and Management-23.3.2017 at Jeppiar Engineering College, Chennai.
8. Presented a paper titled "A systematic approach to rescue a child from "Borewell using leap motion controller" in International conference at Techown -Bharath University, Chennai)-on 21.04.2017.
9. Presented a paper titled "Lingua Recognition For ATM Security Improvement Based On Image Processing Methods" in International Conference on Recent Trends in Engineering and Technology on 05.05.2017 at St.Joseph Institute of Technology, Chennai and published it International Journal of Pure and Applied Mathematics, Academic Publications.
10. Presented a paper titled "Multi power generation using railway traction system

with energy conservation and smart grid connection” in National conference at M.N.M Jain Engineering College in association with CSIR-CSIO-Chennai on 29.04.2017.

MEMBERSHIPS:

1. IEEE

SOCIETIES:

1. PALS

2. EDS

LATEST PAPER PUBLICATIONS:

1.	Movement of Cycle Using Electro-Magnetism Along With Free Energy Generation	Chithra V* , G. Puthilibai, Tharun D, Naveen B.M, Surya R	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	December 8-9, 2022	IEEE Xplore
2.	Industrial Environmental Monitoring and Rectifying System	Chithra V* , Karthikeyan B, Subash Chandra Bose S, Suman Babu CH V, Shriranjani J, Abinaya R	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	December 8-9, 2022	IEEE Xplore
3.	An Intelligent Approach of Electricity Generation: Microbial Fuel Cell	G Dr. Puthilibai*, V Chithra , R Deepashri, R Jeyashri, V Devatarika, R Robert	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	December 8-9, 2022	IEEE Xplore
3.	An Astute Rescue System for Enhanced Security using Facial Recognition	Sivaprasad.R, Chithra.V , Deepashri.R, Jeyashri.R, Dr.K.Prathibanandhi & Subramanyam M N	2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)	December 8-9, 2022	IEEE Xplore

PATENT:

S.NO	TITLE	APPLICATION NO	STATUS
1.	INTERNET OF THINGS (IOT) BASED REMOTE HEALTH MONITORING SYSTEM WITH LONG RANGE(LORA)WIRELESS NETWORK	202311003117 A	Published