



ERODE SENGUNTHAR ENGINEERING COLLEGE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Our Vision

Vision of Erode Sengunthar Engineering College is to become a World Class Technical Institution and Scientific Research Centre for the Benefit of the Society.

Our Mission

- Create Positive difference to Society through Innovative Teaching – Learning Process.
- Impart Value Based Technical Education to the Students from across various Socio Economic backgrounds.
- Build State of art infrastructure for high quality Research and Development capabilities on par with

the finest in the Globe and widen student's horizons beyond Class Room.

- Bring out Competent, Ethically Strong and Quality Professionals.





PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

- **PEO1-Core Competence:** Our Graduate will be Globally Competent Computer Science Professionals who would comprehend, understand, analyse and solve Engineering problems in order to cater to the needs of industry and society
- **PEO2-Breadth:** Our Graduates will interact with their peers in multi- disciplinary environment in industry and society and contribute to the economic growth of the country.
- **PEO3-Research and Innovation:** Our Graduates will have the ability to adapt, contribute and Research, innovate new technologies and systems in the domain of Computer Science and Engineering
- **PEO4-Professional Integrity:** Our Graduates will function in their chosen profession with ethics, social awareness and responsibility



Program Outcomes(PO)

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis:** Identify, formulate, review research literature, and analyze

complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.



9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PSO2: Advanced Technology Skills: An ability to develop application using Computing and Communication Technologies.

PSO3: Personality Development: Able to inculcate Effective Communication, Team Work, Ethics and Leadership skills in a preparation for a successful career in Industry.



1.FDP/ STTP / Workshop /Seminar



PROGRAM SPECIFIC OUTCOMES (PSOs)



PSO1: Software Development Model: An ability to design a software project using Software Development Life Cycle process.

- E.Loganthan, Assistant Professor of Computer Science and Engineering has participated in One-week Short Term Training Program on "Emerging Technologies" from 19th to 24th December 2022 organized by Department of Computer Science & Engineering (AIML) in association with IEEE VCE SB, Vardhaman College of Engineering, Hyderabad.



organized by NITTTR Chennai Held on 10.10.2022 to 14.10.2022.

- R.Punitha Gowri, Assistant Professor, Department of Computer Science and Engineering has attended a Short Term Training Program on “Emerging Technologies” organized by Vardhaman College of Engineering, Hyderabad, 19th to 24th December 2022.
- R.Punitha Gowri, Assistant Professor, Department of Computer Science and Engineering has attended a Short Term Training Program on “Research Analysis and Evaluation Techniques” organized by Marwadi University, Gujarat, 26th to 30th December 2022.
- J.Rohini, Assistant Professor, Department of Computer Science and Engineering has attended a Program on “Outcome Based Education” organized by Hindustan College of Engineering & Technology Coimbatore, Held on 13.09.2022.
- J.Rohini, Assistant Professor, Department of Computer Science and Engineering has attended a Program on “Research Writing Plagiarism Misconception and Authorship Issues.” organized by Hindustan College of Engineering & Technology, Coimbatore ,Held on 26.08.2022.
- J.Rohini, Assistant Professor, Department of Computer Science and Engineering has attended a FDP on “Data Science using Python” organized by NITTTR Chennai Held on 10.10.2022 to 14.10.2022.
- Dr. G. Sivakumar, Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Dr. G. Sivakumar, Professor, attended a 5-day AICTE Recognized FDP on “Academic Leadership for Enhanced Outcomes” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 21-11-2022 to 25-11-2022.
- Dr. G. Sivakumar, Professor, attended a 5-day AICTE Recognized FDP on “IoT and its Applications” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 05-12-2022 to 09-12-2022.
- Dr. G. Sivakumar, Professor, attended a One Week Short Term Training Program (STTP) on “Research Analysis and Evaluation Techniques” at Marwadi University, Gujarat, from 26-12-2022 to 30-12-2022.
- Dr. P. Karunakaran, Professor, attended a 6-day FDP on “Amazon Web Services” at PSNA College of Engineering and Technology, Dindigul, from 22-08-2022 to 27-08-2022.
- Mr.E.Loganathan, Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.



- Mr.E.Loganathan, Professor, attended a 1-day IP Awareness / Training Program (Seminar) under the “National Intellectual Property Awareness Mission” organized by the Intellectual Property Office, India, on 23-09-2022.



- Mr.E.Loganathan, Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.



- Dr. P. Karunakaran, Professor, attended a 1-day IP Awareness / Training Program (Seminar) under the “National Intellectual Property Awareness Mission” organized by the Intellectual Property Office, India, on 19-10-2022.
- Dr. P. Karunakaran, Professor, attended a 5-day AICTE Recognized FDP on “Open Source Technologies” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 17-10-2022 to 21-10-2022.
- Dr. P. Karunakaran, Professor, attended a 5-day AICTE Recognized FDP on “Academic Leadership for Enhanced Outcomes” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 21-11-2022 to 25-11-2022.
- Dr. P. Karunakaran, Professor, attended a 5-day AICTE Recognized FDP on “IoT and its Applications” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 05-12-2022 to 09-12-2022.
- Dr. A. V. Santhosh Babu, Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Dr. A. V. Santhosh Babu, Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Dr. K. Saravanan, Professor, attended a 6-day FDP on “Amazon Web Services” at PSNA College of Engineering and Technology, Dindigul, from 22-08-2022 to 27-08-2022.
- Dr. K. Saravanan, Professor, attended a 1-day Online Workshop on “Outcome Based



Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.

- Dr. K. Saravanan, Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
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- Dr. K. Saravanan, Professor, attended a 5-day AICTE Recognized FDP on “IoT and its Applications” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 05-12-2022 to 09-12-2022.
- Dr. S. Gilbert Nancy, Associate Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Dr. V. Rajakumareswaran, Associate Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Dr. V. Rajakumareswaran, Associate Professor, attended a 3-day FDP on “Intelligent Computing for Next Generation Embedded IoT” at Sri Krishna College of Engineering and

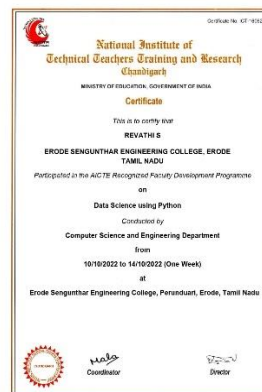
Technology, Coimbatore, from 26-10-2022 to 28-10-2022.

- Dr. B. S. Deepapriya, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Ms. T. Kalai Selvi, Assistant Professor, attended a 6-day FDP on “Amazon Web Services” at PSNA College of Engineering and Technology, Dindigul, from 22-08-2022 to 27-08-2022.
- Ms. T. Kalai Selvi, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Ms. T. Kalai Selvi, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Ms. T. Kalai Selvi, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Open Source Technologies” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 17-10-2022 to 21-10-2022.
- Ms. T. Kalai Selvi, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Academic Leadership for Enhanced Outcomes” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 21-11-2022 to 25-11-2022.
- Ms. T. Kalai Selvi, Assistant Professor, attended a 5-day AICTE Recognized FDP on “IoT and its Applications” at the National Institute of Technical Teachers Training and



Research (NITTTR), Chandigarh, from 05-12-2022 to 09-12-2022.

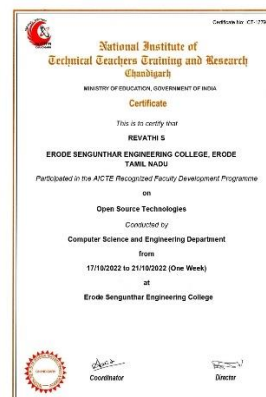
- Mr. S. Ramakrishnan, Assistant Professor, attended a 6-day FDP on “Amazon Web Services” at PPG Institute of Technology, Coimbatore, from 22-08-2022 to 27-08-2022.
- Mr. S. Ramakrishnan, Assistant Professor, attended a 3-day FDP on “Intelligent Computing for Next Generation Embedded IoT” at Sri Krishna College of Engineering and Technology, Coimbatore, from 26-10-2022 to 28-10-2022.
- Ms. S. Revathi, Assistant Professor, attended a 6-day FDP on “Amazon Web Services” at GMT Institute of Technology, Rajam, Vizianagaram, from 22-08-2022 to 27-08-2022.



- Ms. S. Revathi, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Open Source Technologies” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 17-10-2022 to 21-10-2022.



- Ms. S. Revathi, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Ms. S. Revathi, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.



- Ms. S. Revathi, Assistant Professor, attended a 5-day Virtual FDP on “Emerging Research Trends in Computing Technologies” at Dr. M.G.R. Educational and Research Institute, Chennai, from 28-11-2022 to 02-12-2022.
- Ms. S. Sivaselvi, Assistant Professor, attended a 6-day FDP on “Amazon Web Services” at PSNA College of Engineering and Technology, Dindigul, from 22-08-2022 to 27-08-2022.
- Ms. S. Sivaselvi, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.

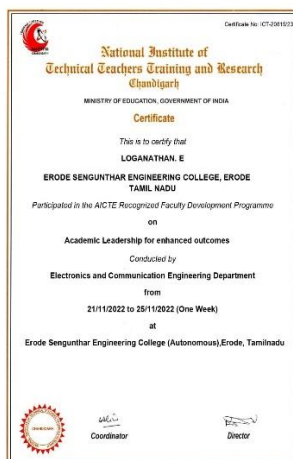


- Mr. U. Gowrisankar, Assistant Professor, attended a 2-day CSIR Sponsored National E-Seminar on “Advancements in IIoT for Engineering Applications” at P.A. College of Engineering and Technology, Pollachi, on 04-08-2022 and 05-08-2022.
- Mr. U. Gowrisankar, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Mr. U. Gowrisankar, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Open Source Technologies” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 17-10-2022 to 21-10-2022.
- Ms. R. Manimekala, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 6-day FDP on “CS8391 – Data Structures” at Karpagam College of Engineering, Coimbatore, from 20-06-2022 to 25-06-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 6-day FDP on “Amazon Web Services” at PSNA College of Engineering and Technology, Dindigul, from 22-08-2022 to 27-08-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 1-day Seminar on “Research Writing, Plagiarism Misconception and Authorship Issues” at Hindusthan College of Engineering and Technology, Coimbatore, on 26-08-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Open Source Technologies” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 17-10-2022 to 21-10-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Academic Leadership for Enhanced Outcomes” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 21-11-2022 to 25-11-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 5-day Virtual FDP on “Emerging Research Trends in Computing Technologies” at Dr. M.G.R. Educational and Research Institute, Chennai, from 28-11-2022 to 02-12-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 5-day AICTE Recognized FDP on “IoT and its Applications” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 05-12-2022 to 09-12-2022.
- Ms. R. Punitha Gowri, Assistant Professor, attended a 6-day Short Term Training Program (STTP) on “Emerging Technologies” at Vardhaman College of Engineering, Hyderabad, from 19-12-2022 to 24-12-2022.
- Mr. E. Loganathan, Assistant Professor, attended a 6-day FDP on “Amazon Web



Services” at PSNA College of Engineering and Technology, Dindigul, from 22-08-2022 to 27-08-2022.

- Mr. E. Loganathan, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Mr. E. Loganathan, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Mr. E. Loganathan, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Academic Leadership for Enhanced Outcomes” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 21-11-2022 to 25-11-2022.



- Ms. E. Angel Anna Prathiba, Assistant Professor, attended a 6-day FDP on “Amazon Web Services” at PSNA College of Engineering and Technology, Dindigul, from 22-08-2022 to 27-08-2022.
- Ms. E. Angel Anna Prathiba, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan

College of Engineering and Technology, Coimbatore, on 13-09-2022.

- Ms. E. Angel Anna Prathiba, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Ms. E. Angel Anna Prathiba, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Open Source Technologies” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 17-10-2022 to 21-10-2022.
- Ms. E. Angel Anna Prathiba, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Academic Leadership for Enhanced Outcomes” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 21-11-2022 to 25-11-2022.
- Ms. E. Angel Anna Prathiba, Assistant Professor, attended a 5-day AICTE Recognized FDP on “IoT and its Applications” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 05-12-2022 to 09-12-2022.
- Mr. S. Sridhar, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Academic Leadership for Enhanced Outcomes” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 21-11-2022 to 25-11-2022.
- Ms. S. Jayanthi, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Ms. S. Jayanthi, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute



of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.

- Ms. S. S. Mageshwari, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Ms. R. Pavithra, Assistant Professor, attended a 6-day FDP on “Amazon Web Services” at PSNA College of Engineering and Technology, Dindigul, from 22-08-2022 to 27-08-2022.
- Ms. R. Pavithra, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Ms. R. Pavithra, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Mr. D. Vaduganathan, Assistant Professor, attended a 6-day FDP on “Amazon Web Services” at PPG Institute of Technology, Coimbatore, from 22-08-2022 to 27-08-2022.
- Mr. D. Vaduganathan, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Mr. D. Vaduganathan, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Mr. D. Vaduganathan, Assistant Professor, attended a 5-day AICTE Recognized FDP on

“Open Source Technologies” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 17-10-2022 to 21-10-2022.

- Mr. D. Vaduganathan, Assistant Professor, attended a 3-day FDP on “Intelligent Computing for Next Generation Embedded IoT” at Sri Krishna College of Engineering and Technology, Coimbatore, from 26-10-2022 to 28-10-2022.
- Ms. S. Sree Vidhya, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Ms. S. Sree Vidhya, Assistant Professor, attended a 5-day AICTE Recognized FDP on “IoT and its Applications” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 05-12-2022 to 09-12-2022.
- Ms. J. Rohini, Assistant Professor, attended a 1-day Online Workshop on “Outcome Based Education” at Hindusthan College of Engineering and Technology, Coimbatore, on 13-09-2022.
- Ms. J. Rohini, Assistant Professor, attended a 5-day AICTE Recognized FDP on “Data Science using Python” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 10-10-2022 to 14-10-2022.
- Ms. J. Rohini, Assistant Professor, attended a 5-day AICTE Recognized FDP on “IoT and its Applications” at the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh, from 05-12-2022 to 09-12-2022.



2. Book Chapter Publications

- M.Kowsalya , Assistant Professor of Computer Science and Engineering has published a book chapter entitled “The Impact of Sensor Networks' Packet Redundancy Elimination Technique” 1st chapter in Research Highlights in Science and Technology Vol. 8 book in BP International publication, India . United Kingdom in the year of 2023
- Dr. G. Sivakumar, Professor of CSE has sent (accepted) a book chapter entitled “Computational Intelligence For Leaf Diseases Monitoring Using Uav Images” Communications in Computer and Information Science series, (<http://www.springer.com/series/7899>)



- Revathi , Assistant Professor, Department of CSE has published a paper on Finding Fake Transactions using Semi Supervised Models, in International Journal of Advance Research and Innovative Ideas in Education , Volume-9, Issue-2, 2023, ISSN(O)-2395-4396

3. Book publications

- T.Kalai Selvi, AP (SLG-I), Department of Computer Science and Engineering has published a book entitled “C Programming and Data Structures”, in Sri Krishna Hitech Publishing Company Pvt. Ltd, Chennai in the year 2023
- Dr. G. Sivakumar and Dr.A.V. Santhoshbabu published a book titled Programming in C, Iterative International Publishers, ISBN:978-81-959356-6-6
- Dr.A.V.SanthoshBabu, Published a Book titled Machine Learning with its applications in Data Sciences, ISBN No.:978-93-95422-14-7, Shanix Publishers

4. Journal publications by Faculty



- E.Loganathan , Assistant Professor, Department of CSE has published a paper on Identification and Detection of Groundnut Leaf Disease, in International Journal of Advance Research and Innovative Ideas in Education , Volume-9, Issue-2, 2023, ISSN(O)-2395-4396
- Dr.G.Sivakumar , Assistant Professor, Department of CSE has published a paper on Convolution Neural Network for Brain Tumor Segmentation, in International Journal of Advance Research and Innovative Ideas in Education , Volume-9, Issue-2, 2023, ISSN(O)-2395-4396



- S. Sree vidhya , Assistant Professor, Department of CSE has published a paper on Social Network Mental Disorders Detection via Online Social Media Mining, in International Journal of Advance Research and Innovative Ideas in Education , Volume-9, Issue-2, 2023, ISSN(O)-2395-4396
- Dr.G.Saravanan,Professor,Department of CSE Has Published a Paper on Bigdata Analytics for Healthcar using Artificial Nerusl Netwokt,in International Journal of Advance Ressearch and Innovative Ideas in Education,Volume-9,Issue-3,2023,ISSO(O)-2395-4396



- T.Kalaiselvi , Assistant Professor, Department of CSE has published a paper on A Heart Disease Prediction using Machine Learning Algorithms, in International Journal of Advance Research and Innovative Ideas in Education , Volume-9, Issue-2, 2023, ISSN(O)-2395-4396
- R.Punitha Gowri , Assistant Professor, Department of CSE has published a paper on Live Image Blurring using Convolutional Neural Network, in GIS Science Journal , Volume-10,Issue-3, 2023, ISSN NO: 1869-9391
- M.Kowsalya , Assistant Professor, Department of CSE has published a paper on Click and Session Based Captcha as Graphical Password Authentication Process Using AI Technology,

in International Journal for Research in Applied Science and Engineering Technology , Volume-11, Issue-IV, April 2023, ISSN NO:2321-9653

- J.Rohini , Assistant Professor, Department of CSE has published a paper on Grocery Item Detection using Android Studio, in International Journal of Advance Research and Innovative Ideas in Education , Volume-9,Issue-3, 2023, ISSN(O)-2395-4396
- S.Sree vidhya , Assistant Professor, Department of CSE has published a paper on Detection of Cyberbullying on Social Media Using SVM, in International Journal of Advance Research and Innovative Ideas in Education , Volume-9,Issue-3, 2023, ISSN(O)-2395-4396
- Dr. K. Saravanan, Professor, attended a 1-day Webinar on “TIPS to Write Quality Research Paper” at SIMATS School of Engineering, Chennai, on 14-06-2022.
- Ms. T. Kalai Selvi, Assistant Professor, attended a 1-day Webinar on “TIPS to Write Quality Research Paper” at SIMATS School of Engineering, Chennai, on 14-06-2022.
- Dr.A.V. Santhosh Babu , Professor, Department of CSE has published a paper on Exploration of Schizophrenia Stress Level Accuracy using EEG Signal Classification, in GIS Science Journal , Volume-10,Issue-3, 2023, ISSN NO: 1869-9391
- D.Vaduganathan , Assistant Professor, Department of CSE has published a paper on Tourism based Hybrid Recommendation System, in International Journal of Advance Research and Innovative Ideas in Education , Volume-9,Issue-3, 2023, ISSN(O)-2395-4396
- E.Loganathan , Assistant Professor, Department of CSE has published a paper on



Cardiac Diseases Prediction using SVM with XG Boost Algorithm, in International Journal of Advance Research and Innovative Ideas in Education , Volume-9, Issue-3, 2023, ISSN(O)-2395-4396

- R.Punitha Gowri, Assistant Professor has published a paper on “Proposed Model for Creating Data Repository Using Facial Recognition for Better Attendance Management”, in European Chemical Bulletin, vol 12, Issue no 10, 2023
- Dr G. Sivakumar, M. Sakthivel, Department of CSE has published a paper on “Video Streaming Analytics based on Deep Learning deduction using Cloud Computing” in Gradiva Review Journal, Vol. 8, Issue 12, December 2022.
- DOI:10.37897.GRJ.2022.V8I12.22.50596
- Vaduganathan D, Assistant Professor, Department of CSE has published paper in entitled “Medical Data Science And Processing Using Statistical Analysis In E-Healthcare For Covid-19” is European Journal of Molecular & Clinical Medicine ISSN 2515-8260 Volume 09, Issue 08, 2022.
- D.Vaduganathan, Assistant Professor, Department of CSE has published paper in entitled “AI based Identification of Students Dress Code in Schools and Universities” is Journal of Information Technology and Digital World ISSN: 2582-418X
- Dr. G. Sivakumar, Professor of CSE, E.Loganathan, Assistant Professor of CSE has published a paper on Enhanced Drug Recognition based on Decision tree optimized Support vector machine for disease related recommendation in International Journal of

Intellectual Advancements and Research in Engineering Computations, ISSN: 2348-2079 Vol-11(2) [46-54]

- Dr. G. Sivakumar, Professor of CSE has published paper on Deep Learning Algorithms for Suicide Prediction Based on Bilateral Long-Term Memory Using Social Media Behaviour Dataset in the International Journal Of Innovative Research In Technology Volume 9 Issue 11 | ISSN: 2349-6002
- Dr. G. Sivakumar, Professor of CSE has published paper on Suicidal Ideation Detection Using Machine Learning Based Hybrid Techniques in International Journal of Intellectual Advancements and Research in Engineering Computations, Volume-11 Issue-2, ISSN: 2348-2079
- S. Sree vidhya, Assistant Professor of CSE has published a paper on Efficient Email Phishing Using Machine Learning in the International Journal of Research and Analytical Reviews, Volume 10, Issue 2, (E-ISSN 2348-1269, P-ISSN 2349-5138)



Karthikeyan M of III Year CSE B has participated in Reels Event organized by KSR College of Technology and won I Prize



Karthikeyan M of III Year CSE B has participated in Short Film Event organized by Colorwoods and won III Prize

5. JOURNAL PUBLICATIONS BY STUDENTS

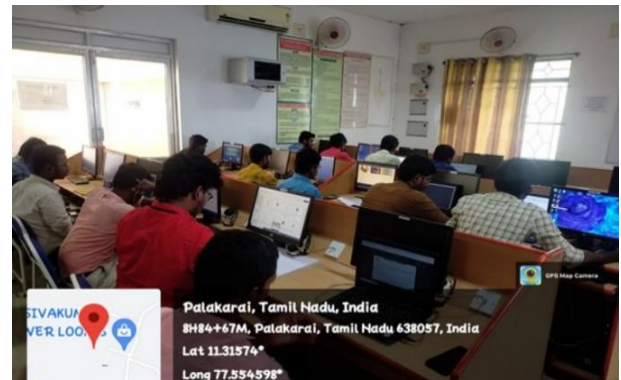
Meena S of II Year M.E. CSE has published a paper on “Enhancement of Market Data Partitioning Scalability and High Dimensionality Management Using Deep Learning” in International Journal of All Research Education and Scientific Methods, ISSN: 2455-6211 Volume 11, Issue 3, March-2023, Impact Factor: 7.42

1. Udhayadevi of II Year M.E. CSE has published a paper on “ Plant leaf disease prediction based on deep learning using U-net based Convolutional Neural Network” in International Journal of Intellectual Advancements and Research in Engineering Computations, ISSN: 2348-2079, Volume-11 Issue-2
2. Udhayadevi of II Year M.E. CSE has published a paper on “ Plant Leaf Disease Prediction Based on Deep Learning Using R2NN-WRS: Resnet Recurrent Neural Network and Watershed Region Segmentation Techniques” In International Journal Of Innovative Research In Technology, Volume 9 Issue 11 | ISSN: 2349-6002

3. Kanmani R of II Year M.E. CSE has published a paper on “Malicious URL Detection Based on Machine Learning”, in International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 11, Issue 4, April-2023, Impact Factor: 7.429,
4. M. Sakthivel of II Year M.E. CSE has published a paper on “Video Streaming Analytics based on Deep Learning deduction using Cloud Computing” in Gradiva Review Journal, Vol. 8, Issue 12, December 2022. DOI:10.37897.GRJ.2022.V8I12.22.50596

Event Report

Title of the event : Organized Carrier Opportunities in BIG DATA on 26.07.2022 at CC6 Lab



Resource Person : Mr.S Maheswaran, Software Engineer -Level 3, Sync fusion Software Pvt Limited, Chennai

6. INFOSYS SPRINGBOARD COURSE COMPLETION DETAILS

1. II Year CSE Students

- Students from II Year CSE successfully completed multiple Infosys Springboard online courses covering Python, IoT, Cloud, and foundational programming topics.



- Many students including **Abhinav S, Akilan C.S, Bava Tharani M, Hariharan K.K** completed Basics of Python and Beginning Python courses, strengthening their coding fundamentals.
- Students such as **Alok Ranjan, Chandan Kumar, Deepak Kumar L, Pradeep K** completed Python Fundamentals, while **Hariprasath K, Mirra A, Priyadharshini M, Revathi S** finished Fundamentals of Python Programming.
- A large group of students including **Absar Ahamed J, Ajith P, Arunkumar S, Balasundaram A, Barath, Chandiran S, Dharaneesh T.R, Ehsan Ansari, Jayalakshmi M, Kabilan G, Kiran Surya S.U, Raja Pradeep S** completed IoT Platforms Overview.
- Students such as **Ajay Kannan R, Edwin Arul Solomon A.M** completed IoT Cloud – Dweet and Freeboard.
- Several others including **Anushiya P, Boomika M, Charukesi S, Dharanesh C, Jeevitha C, Jeevitha S, Karthi M, Mariselvam M, Poovika S, Rohith Kumar S.M, Sivanandh C.C, Vishnu V, Gouri Nandana C.P** successfully completed IoT Edge Computing and IoT Analytics.
- **Dharshini R** completed Handling Arrays in C Programming, **Vasanth V** completed Database Management System Part–1, and **Gokul S** finished Essentials of Cloud Computing.
- **Nandhini G** completed Python for Data Science, while **Rajkumar Jha, Mohanram M, Rakeshsharma K, Sahana S, Saran A** completed Java for Beginners.

- The completion of these courses reflects strong engagement with IoT, AI, and programming-based learning platforms.

2. III Year CSE Students

- Students from III Year CSE completed various advanced courses on software development, AI, data science, and web technologies.
- A large number of students including **Ananth M, Aswin Kumar R.D, Chandramohan R, Deepak Piriyan S, Divakaran S.M, Gokul P, Guhan S, Javeed Akthar M, Mathan P, Monika N, Nagulan A, Ohm Prakash A.B, Rithikadevi M, Raj Shekhar Singh** completed Software Engineering, gaining comprehensive insight into software development processes.
- **B. Abinayasri, Ariharan M, E.K. Jayaprakash, Hariharan K, S.J. Gopika** completed React JS, enhancing their front-end development skills.
- **V.Rajakumareswaran,S. Bincy, Ganga P, Kavi Bharathi A** completed JavaScript, and **Satheesh K** completed HTML 5 – The Language, building strong web technology fundamentals.



- **T. Deva Priya, D. Ilamathi** completed Data Structures and Algorithms in Python:

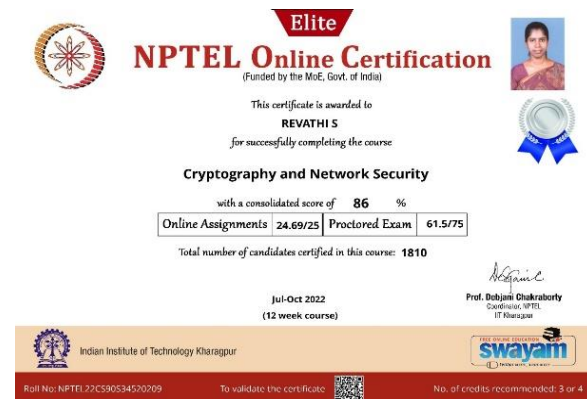


Fundamental Data Structures, and **Rashika C** completed Data Structures and Algorithms Using Java.

- Students including **Kushagra Vaibhav, Mugesh S, Praveen S, Venkatraghavan P, Vinoth K, Yuvan Ambani P** completed Introduction to Deep Learning, focusing on AI and neural networks.
- **Thenmozhi S, Rajasekar C, Sharbesh P.S, Siddharth T** completed Introduction to Data Science, while **Naveen Kumar P** completed Python for Data Science.
- **Gokul Sri G, Pavithra E, Rammiya L, Sudharsan R** completed Database Management System Part-1, strengthening their knowledge in database concepts.
- **Purusothaman R, Abhijeet Kumar, Tharun M, Chandu Kumar** completed Java for Beginners, and **Pushpalatha D** completed Java Classes and Constructors.
- **Pavish P** completed UI Patterns and Troubleshooting, while **Keerthika A** completed Ethical Hacking Concepts.
- Students like **Kannan M, Selvan M, Gurushalinaa T, Sithara Shahana M** completed Python Basics, enhancing their core programming knowledge.
- Overall, the III Year CSE students demonstrated strong technical proficiency, completing a wide range of courses that align with emerging IT industry trends.

score of 60% and earned an Elite certificate during Aug – Oct 2022.

- Ms. S. Revathi, Assistant Professor, successfully completed a 12-week NPTEL Course on “Cryptography and Network Security” with a score of 86% and earned an Elite Silver certificate during Jul – Oct 2022.



- Ms. R. Punitha Gowri, Assistant Professor, successfully completed a 12-week NPTEL Course on “Cryptography and Network Security” with a score of 90% and earned an Elite Gold certificate during Jul – Oct 2022.
- Ms. E. Angel Anna Prathiba, Assistant Professor, successfully completed an 8-week NPTEL Course on “Database Management System” with a score of 43% during Aug – Oct 2022.
- Ms. S. Sree Vidhya, Assistant Professor, successfully completed an 8-week NPTEL Course on “Data Base Management System” with a score of 43% during Aug – Oct 2022.

7.NPTEL COURSE COMPLETION DETAILS

- Ms. T. Kalai Selvi, Assistant Professor, successfully completed an 8-week NPTEL Course on “Big Data Computing” with a



Editorial Board:

Ms. S.Ramakrishnan AP/CSE

Mr. E.Loganathan AP/CSE

Mr. N.Pragadheeswaran, III CSE

Mr. P.Santhosh, III CSE

Mr. KAVENESH N, IV CSE

Mr.DHARANEESH P, IV CSE