



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

Dindigul – Palani Highway, Dindigul – 624 002

**(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai,
Accredited by NAAC)**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**2023-2024 (ODD)
NEWS LETTER**



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY
Dindigul – Palani Highway, Dindigul – 624 002
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Department of Computer Science and Engineering

2023-2024 ODD

ABOUT THE DEPARTMENT

Our department is established in the year 2011. It is approved by all India Council for Technical Education (AICTE), Accredited by NAAC and affiliated to Anna University, Chennai. Our department is committed to promote and support effective learning and teaching through talented and experienced team of faculty members who motivate students to achieve their academic and career goals. Academic counselling to the needy helps the students identify their innate talents, shed inhibitions and emerge as industry ready technocrats. Special lectures and introduction of latest techniques in imparting quality education will earn a special place for our CSE Department in the arena of technical education. Emphasis on co-curricular and extracurricular activities provides variety to the learning atmosphere and the students emerge as multi-faceted personalities. We equip our students with the State of Art computer laboratories comprises of computer systems with latest configurations, operating systems, and as well as the developmental platforms of software and helping applications. We are motivating our students to achieve University Results, to undergo in plant training, Industrial visits and Internships in multinational companies continuously. Our students are placed in Infosys, Wipro, TCS, HCL, Accenture, 4i Apps, Pirai Infotech and many more corporates every year.

Vision

To establish as an eminent department by imparting strong knowledge in computer science and engineering, fostering a dynamic learning environment that cultivates practical skills in software development, computing technologies, and ethical principles to meet industrial needs and societal expectations.

Mission



- To upskill knowledge among students through the latest technologies
- To empower students with the essential skills required to excel in their field through the collaborative initiatives with industries.
- To inculcate a sense of responsibility towards society with ethical values.

CAY (2023-24)

The Editorial Board Includes:

| | | |
|--------------------|---|--|
| 1) Chief Editors | : | Dr.C.Sujatha, Professor & Head |
| 2) Editors | : | Mrs.A.Padma Priya, AP/CSE Mrs.T.Rani Mangammal,AP/CSE |
| 3) Student Members | : | Mr.V.Sakthi Hariharan Ms.G.Kanisha Ms.V.P Rakshitha Mr.V.Manoj Kumar Mr.V.M Sriram Ms.S.Subha |

Guest Lecture for students

| Sl. No. | Name of the Activity | Expert's Details (Name ,Company Name & Place) | Date & Duration | Photo |
|---------|--------------------------------------|--|--------------------------------|---|
| 1. | A Workshop on 3D Printing Technology | Mr.M.Selwin Mr.P. Dheenadhayalan AP/Mech, SSMIET | 09.10.2023 to 13.10.2023 |  |
| 2. | A Workshop on Drone Technology | Vijay Rajendran Accent Techno Soft Coimbatore | 13.10.2023 to 14.10.2023 |  |

Events arranged off-Campus

| S.No | Name of the Industry | Place | Year (Students) | Department | Date/ Duration | Photo |
|------|----------------------|------------------|-----------------|------------|----------------|---|
| 1. | United Soft Tech | Salem | II | CSE | 09.12.2023 |  |
| 2. | Masco Tea Factory | Vagamon , Kerala | III | CSE | 05.09.2023 |  |

Students Activities

Seminar/Workshop/Symposium (Attended)

| S.No | Name of the Student | Year | Department | Program Details | Venue | Date/Duration |
|------|---------------------|------|------------|--|--|-------------------------|
| 1. | Mahima R | III | CSE | Webinar on Professional Career Counselling | Elewayte | 06.07.2023 |
| 2. | Anand Charukesan K | III | CSE | Skillathon | Erode Sengunthar Engineering College | 18.10.2023 - 20.10.2023 |
| 3. | Anand Charukesan K | III | CSE | Madurai Hackathon 2023 | Thiagarajar College of Engineering | 11.08.2023 - 12.08.2023 |
| 4. | Anand Charukesan K | III | CSE | Chandrayaan - 3 Maha Quiz | Online MyGov | 14.07.2023 |
| 5. | Sakthi Varshini V | II | CSE | Speak For India | PSNA College of Engineering and Technology | 16.12.2023 |
| | | | | Premiere Pro Mastery | PSG College of Technology | 14.10.2023 - 15.10.2023 |
| 6. | Sathish Karthick G | II | CSE | Speak For India | PSNA College of Engineering and Technology | 16.12.2023 |
| 7. | Sarathy V | II | CSE | Speak For India | PSNA College of Engineering and Technology | 16.12.2023 |
| 8. | Sarathy V | II | CSE | Shakespeare Publication, Coimbatore | Creative Writing | October 2023 |
| 9. | Saimica Infant. X | II | CSE | Workshop on Ethical Hacking & Cyber Security | Sri Shakthi Engineering College | 17.10.2023 |
| 10. | Pravin M | II | CSE | NAVAYUVA 2023, Connection | PSNA College of Engineering and Technology | 24.02.2023 |
| 11. | Jeya Sree C | II | CSE | NAVAYUVA 2023, Connection | PSNA College of Engineering and Technology | 24.02.2023 |
| 12. | Pravin M | II | CSE | Sci Fest 2023, Turn Coat | SSMIET, Dindigul | 03.06.2023 |

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|-----|-----------------------|-----|-----|--|------------------|------------|
| 13. | Pravin M | II | CSE | Sci Fest 2023, Waste into Wealth | SSMIET, Dindigul | 03.06.2023 |
| 14. | Pravin M | II | CSE | Sci Fest 2023, Quiz | SSMIET, Dindigul | 03.06.2023 |
| 15. | Jeya Sree C | II | CSE | Sci Fest 2023, Waste into Wealth | SSMIET, Dindigul | 03.06.2023 |
| 16. | Jeya Sree C | II | CSE | Sci Fest 2023, Quiz | SSMIET, Dindigul | 03.06.2023 |
| 17. | Devaki R | III | CSE | Smart India Hackathon-Internal Hackathon | SSMIET, Dindigul | 15.09.2023 |
| 18. | Anand Charukesan K | III | CSE | INNO LAUNCH 23 | SSMIET, Dindigul | 27.09.2023 |
| 19. | Anand Charukesan K | III | CSE | Independence Day Celebration 2023, Poster Making | SSMIET, Dindigul | 11.08.2023 |

Paper Presentation

| S.No | Name of the Student | Year | Department | Description | Venue | Date/Duration |
|------|--------------------------|------|------------|--------------------|---------------------|---------------|
| 1. | M.Pravin C.Jeya Shree | II | CSE | English literature | SSMIET, Dindigul | 03.06.2023 |

Students Achievements (Co and Extra Curricular)

| S.No | Name of the Student | Year | Department | Description | Venue | Date | Prize |
|------|---------------------|------|------------|-----------------|---------------------|------------|--------|
| 1. | V.P.Rakshitha | III | CSE | Classical Dance | SSMIET, Dindigul | 20.05.2023 | Second |

Students Participation in SSMIET Events

| S.No | Student Name | Year | Event Name | Date/ Duration | Program Name | Prize / Participation |
|------|--------------|------|------------|-------------------|--------------|--------------------------|
| 1. | M.Pravin | II | Turn coat | 03.06.2023 | SCI-FEST | Third |
| | | | Quiz | | | Second |

University Examination Toppers

| S.No | Student Name | GPA | Rank | Photo |
|------|-----------------------------|------|-----------|---|
| 1. | A.N.Akalya IV/VII | 8.43 | I Place |  |
| 2. | U.Varshini IV/VII | 8.43 | I Place |  |
| 3. | M.JosephineJesila IV/VII | 8.29 | II Place |  |
| 4. | P.Anu IV/VII | 8.14 | III Place |  |
| 5. | M.Pooja IV/VII | 8.14 | III Place |  |
| 6. | S.Harini III/V | 8.68 | I Place |  |
| 7. | J.Anisha III/V | 8.64 | II Place |  |

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|-----|---------------------------|------|-----------|---|
| 8. | M.Kajalakshmi III/V | 8.52 | III Place |  |
| 9. | R.Mahima III/V | 8.52 | III Place |  |
| 10. | M.Dhivyashree II/III | 9.38 | I Place |  |
| 11. | S.Pricilla Ruby II/III | 9.24 | II Place |  |
| 12. | B.Praveena II/III | 9.07 | III Place |  |

Sports

| Sl. No. | Name of the Student | Title of the Event | Duration | Name of the Organizing Institute | Prizes |
|----------------|----------------------------|---|-----------------|---|---------------|
| 1. | M.Pravin | CM Trophy (Table Tennis) Selected for state level | 19.06.2023 | Dindigul District Stadium | First |
| | | Anna University Zone - 17 Tournament | 28.10.2023 | Sri Sowdambika College, Aruppukottai | Second |
| 2. | S.Siva Sibi | Ball Badminton | 22.09.2023 | SSM Institute of Engineering and Technology | Third |
| | | Tennis | 01.10.2023 | M. Kumarasamy College of Engineering, Karur | Second |
| | | Football | 15.10.2023 | Sethu Institute of Technology, Kariapatti | Participation |
| | | Hockey | 27.10.2023 | Sethu Institute of Technology, Kariapatti | Participation |
| | | Table tennis | 28.10.2023 | Sri Sowdambika College, Aruppukottai | Second |
| | | Athletics- Shotput, Hammer Throw | 08.12.2023 | PSNA College of Engineering and Technology | Participation |
| 3. | B. Sai | Athletics- Long Jump | 08.12.2023 | PSNA College of Engineering and Technology | Participation |
| 4. | V.Sakthi Hariharan | Athletics- Long Jump | 08.12.2023 | PSNA College of Engineering and Technology | Participation |

Faculty Activities
Paper Publications

| S.No | Name of the Faculty | Designation | Department | Journal Name | Month & Year | Topic |
|------|----------------------|---------------------|------------|--|--------------|---|
| 1 | Dr.C.Sujatha | Prof & Head | CSE | International Journal Of Multidisciplinary Educational Research | October 2023 | Exploring Deep Learning Algorithms For Martian Terrain Classification and CNN-Driven Approach For Landslide Identification And Real-Time Visualization Via An Intuitive App |
| | | | | International Journal Of Scientific Research In Engineering&Management | May 2023 | Accident Crash Detection Using Deep Neural Network |
| 2 | Ms. N Anu Lavanya | Assistant Professor | CSE | International Journal Of Scientific Research In Engineering & Management | June 2023 | Virtual Joystick Application |
| | | | | IJSART | May 2023 | Smart Restaurant Management Application |
| 3. | Mrs. J. Dhanalakshmi | Assistant Professor | CSE | Industrial Engineering Journal | May 2023 | Blockchain Based Multi Disease Prediction Using Svm Algorithm |
| | | | | IJSART | May 2023 | Efficient Encryption Protocol |
| 4. | Mrs. S.Suganya | Assistant Professor | CSE | Industrial Engineering Journal | May 2023 | Prediction System For Bigmart Sales Using Machine Learning |
| | | | | International Journal Of Research And Analytical Reviews | May 2023 | Automatic Fish Classification System Using Deep Learning |
| | | | | Industrial Engineering Journal | June 2023 | In Appropriate Language And Hate Speech Recognition |

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|----|---------------------|------------------------|-----|---|-------------|---|
| 5. | Mrs. A.AldoTenis | Assistant Professor | CSE | Computer Systems Science & Engineering | July 2023 | Modelling An Efficient Url PhishingDetection Approach Based On A DenseNetwork Model. |
| | | | | Fusion: Practice And Applications | June 2023 | Modelling Of An Adaptive Network Model For Phishing Website Detection Using Learning Approaches |
| | | | | Chinese Journal Of Computational Mechanics | Oct 2023 | An Effective Phishing Websites Detection Model Based On Character Level Optimal Recurrent Neural Network from URL |
| | | | | International Journal For Research In Applied Science & Engineering Technology | May 2023 | Image Metadata Viewer Or Editor |
| | | | | International Journal For Science And Advance Research In Technology | May 2023 | Baby Care Paediatrics Tracker For Notification Intelligence |
| 6. | Mrs. N.J.Divya | Assistant Professor | CSE | IJAR | May 2023 | Prediction Of Crop Yield & Weather Forecasting In Farmland Using Sensor Data |

Paper Presentation

| S.No | Name of the Faculty | Designation | Department | Topic | Description | venue | Date/Duration |
|------|------------------------|------------------------|------------|--|--------------------------|--------------------------------------|--------------------------|
| 1. | Mrs.A.Aldo Tenis | Assistant Professor | CSE | A Novel Learning Approaches For Phishing Website Prediction - Dense Network Model | Research Congress | Karpagam Academy Of Higher Education | 09.12.2023 |
| 2. | Mrs. S.Suganya | Assistant Professor | CSE | Cnn Based Crop Disease Recognition With Leaf Image Features And Aerial Data | International Conference | Vit,Vellore | 20.10.2023 |
| 3. | Mrs. S. Suganya | Assistant Professor | CSE | Machine Learning Based Traffic Congestion And Accident Prevention Analysis | International Conference | S.A.EngineeringCollege,Chennai | 17.08.2023 |
| 4. | Ms. N. Anu Lavanya | Assistant Professor | CSE | Empowering Malware analysis A Comprehensive System Crafted with Precision for Robust Security Insights | International Conference | Bharat Nikentan Engineering College | 28.04.2023 |
| 5. | Mrs.J.Dhana lakshmi | Assistant Professor | CSE | Blockchain Based Multi Disease Prediction Using Svm Algorithm | International Conference | Bharat Nikentan Engineering College | 28.04.2023 |
| 6. | Mrs. N.J.Divya | Assistant Professor | CSE | Prediction Of Crop Yield & Weather Forecasting In Farmland Using Sensor Data | International Conference | CARE College of Engineering | 27.04.2023 to 28.04.2023 |

Book Published

| S.No | Name of the Faculty | Designation | Department | Title | Publisher | Month/Year |
|------|---------------------|---------------------|------------|----------------------------|------------------------|------------|
| 1. | Mrs.S.Suganya | Assistant Professor | CSE | Foundation Of Data Science | Charulatha Publication | July/2023 |

FDP, SEMINAR, WORKSHOP ATTENDED by faculty


| S.No | Name of the Faculty | Topic | Event name | venue | Date |
|------|---------------------|--|------------|---|--------------------------|
| 1. | Dr.G.Prabu | Introduction to Computational Social Science with PYTHON | FDP | NIT , Trichy | 10.07.2023 to 14.07.2023 |
| | | Applied Cloud Computing for Full Stack Web Development | FDP | Online - ATAL FDP | 04.12.2023 to 08.12.2023 |
| | | Silicon Valley Secrets | Seminar | Maxelerator Foundation - Madurai | 15.12.2023 |
| 2. | Mrs.M.Moohambikai | Exploring The Educational Potential Of Chatgpt | FDP | Gokul Global University | 11.12.2023 to 17.12.2023 |
| 3. | Mrs.A.Aldo Tenis | Back-End Development | Workshop | Marcello Tech(online) | 08.10.2023 |
| | | Cyber Security | FDP | Nestor Academy (online) | 04.11.2023 |
| | | Cloud Infrastructure (Aws) | FDP | MallaReddy University, Telangana | 21.08.2023 to 25.08.2023 |
| | | AI Tools And Prompt Engineering | FDP | Anil Neerukonda Institute of Technology | 27.11.2023 to 02.12.2023 |
| | | Building Advanced Data Analytics Applications With Cloud | FDP | ATAL FDP(online) | 11.09.2023 to 15.09.2023 |

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|-----|--------------------------|--|----------|--|--------------------------|
| | | AI -Driven Nano Technological Advancement in Healthcare | FDP | VIT | 16.10.2023 to 18.10.2023 |
| 4. | Mr.G.Murugan | Outcome Based Curriculum Development | FDP | National Institute of Technical Teachers Training and Research | 11.09.2023 to 15.09.2023 |
| 5. | Mrs.S.Suganya | CCS344-Ethical Hacking | FDP | SSMIET | 12.02.2024 to 17.02.2024 |
| 6. | Ms.N Anu Lavanya | Cloud Infrastructure (Aws) | FDP | Chalapathi Institute of Technology | 21.08.2023 to 25.08.2023 |
| 7. | Mrs.J.Dhanalakshmi | Data Analyst | FDP | APSSDC, EXcelR | 19.06.2023 to 23.06.2023 |
| | | Research Trend Of AI On Ocean Health Monitoring System | Webinar | CSI,Kolkata Chapter | 22.07.2023 |
| | | Convergence Possibilities On Pmmsy | Workshop | UBA,GRI | 29.08.2023 |
| | | Cloud Infrastructure(Aws) | FDP | PSNACET | 21.08.2023 - 25.08.2023 |
| | | Modern Research Convergence In Next Generation Computing | FDP | Sri Krishna College of Engineering and Technology | 18.12.2023 - 22.12.2023 |
| 8. | Mrs.N.J.Divya | Applied Cloud Computing for Full Stack Web Development | FDP | TechSaksham | 04.12.2023 to 08.12.2023 |
| | | CB3491- Cryptography and Cyber Security | FDP | PSNA College of Engineering and Technology | 22.05.2023 to 28.05.2023 |
| | | Digital Creativity Skills, Adobe Academic Essentials | Workshop | Adobe Express | 31.08.2023 |
| 9. | Mrs.T.RaniMangammal | Big Data Computing | FDP | NPTEL | Aug-Oct 2023 |
| 10. | Ms. V. Sudharsana | Big Data Computing | FDP | Online-NPTEL | Aug-Oct 2023 |
| 11. | Mr. Samuel Devakumar P.V | Cyber Security | FDP | Nestor Academy | 04.11.2023 |

Guest Lecture by faculty

| S. No | Name of the Faculty | Designation | Department | Topic | Venue & Date |
|-------|----------------------|---------------------|------------|--|---|
| 1. | Mrs. J. Dhanalakshmi | Assistant Professor | CSE | Hands On Training Session On Ms Office | SSM College Of Arts And Science 17.07.2023 to 21.07.2023 |
| 2. | Ms. N. Anu Lavanya | Assistant Professor | CSE | Hands On Training Session On Ms Office | SSM College Of Arts And Science 17.07.2023 to 21.07.2023 |

Program Organized by Faculty

| S. No | Name of the Faculty | Designation | Department | Event Name | Date | Photo |
|-------|---------------------|---------------------|------------|---|--------------------------|---|
| 1 | Dr.G.Prabu | Associate Professor | CSE | An introduction to competitive exam and it's planning strategies(1 day - Career Development Program) | 30.10.2023 |  |
| | | | | Building Cutting-Edge Applications Using Oracle Apex(2 days - Workshop) | 16.10.2023 to 17.10.2023 | - |
| | | | | Refresher Program for PG Computer Science School Teachers(1 day - Outreach Program (PYTHON in Advanced Level)-Workshop) | 25.11.2023 | - |

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|----|-------------------------|------------------------|-----|---|--------------------------------|---|
| 2. | Mrs.A.Aldo Tenis | Assistant Professor | CSE | Drone Technology Workshop | 13.10.2023 to 14.10.2023 |  |
| 3. | Mrs. S.Suganya | Assistant Professor | CSE | Drone Technology Workshop | 13.10.2023 to 14.10.2023 |  |
| 4. | N. Anu Lavanya | Assistant Professor | CSE | 2 days lab setup program on “Cloud Computing Lab And Big Data Analytics Lab” | 05.08.2023 to 12.08.2023 |  |
| 5. | Mrs. J. Dhanlakshmi | Assistant Professor | CSE | Induction Programme for First Year Computing Department Students | 05.09.2023 |  |
| | | | | 5 Days FDP on Hands on Training on MS Office | 17.07.2023 to 21.07.2023 |  |
| | | | | Induction Programme for First Year Computing Department Students | 05.09.2023 |  |
| 6. | Mrs. N.J.Divya | Assistant Professor | CSE | Alumni Talk Series- Recent Advancement in Block chain | 16.12.2023 |  |
| 7. | Mrs.T.Rani Mangammal | Assistant Professor | CSE | An introduction to competitive exam and it's planning strategies(1 day - Career Development Program) | 30.10.2023 |  |

NPTEL Courses by Faculty

| S.No | Name of the Faculty | Course Name | Month- Year |
|-------------|----------------------------|--|--------------------|
| 1. | Dr.C.Sujatha | NBA Accreditation and teaching and learning in engineering(NATE) | Jan-Apr 2023 |
| 2. | Mrs.T.Rani Mangammal | Big Data Computing | Aug-Oct 2023 |
| 3. | Ms. V. Sudharsana | Big Data Computing | Aug- Oct 2023 |
| 4. | Mrs.M.Moohambikai | Data analytics with python | Feb –Mar 2023 |
| 5. | Mrs.J.Dhanalakshmi | Data Analytics with Python | Jan-April 2023 |
| | | Cloud Computing | July-Oct 2023 |
| 6. | MrsA.AldoTenis | Data Analytics with Python | Jan-April 2023 |
| 7. | Mrs.N.J.Divya | Red Hat System Administration | Aug-Oct 2023 |