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

2022-2023 (EVEN)

NEWS LETTER

SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

INFINITE POSSIBILITIES
SSM
•THE LEARNING HUB•

NEWS LETTER
(JAN 2023 TO JUNE 2023)
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

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 counseling 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 Mindtree, Infosys, Infosys, Wipro, Accenture and many more corporates every year.

VISION

To grow as an eminent department with excellence in computing and research by integrating computer and information technology to develop products and services for the benefit of the society with ethical values.

MISSION

- To instill in students the urge to learn by imparting finest quality education.
- To impart good attitude and integrate creativity and research orientation.
- To initiate interest and equip students to design and develop intelligent products.
- To inculcate the desire to serve the society with ethical values.

EXECUTIVE COMMITTEE

Convenors
Dr.D.SENTHILKUMARAN
Principal

Chief Editors
Dr. C. Sujatha
Professor & Head

Editorial Board
Mrs. N. Anu Lavanya, AP/CSE
Mrs. J. Dhanalakshmi, AP/CSE

Student Members
Mr. S. Jeyaraman
Ms. C. Vaishnavi
Ms. M. Pooja
Mr . N. ParthiPrasath
Mr. S. Akash
Ms. K. Sri Varshini

Functions/Events

National Level Technical Symposium - CLOUDUS'2K23 -13.04.2023
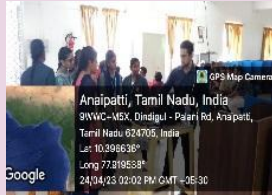

Build Club Inaugural Ceremony - 11.01.2023

Intra department Symposium - UTSAV'2K23 -21.03.2023

Events held on-campus

Training Programmes for students

Sl. No.	Name of the Activity	Year	Depart ment	Venue	Expert's Details (Name ,Company Name & Place)	Date & Duration	Photo
1.	Technology Training on "Web Development"	IV	CSE	SSMIET-CSE LAB	CADD CAE Technology, Coimbatore	06.02.2023 to 17.02.2023	
2.	Technology Training on " Data Science using python"	III	CSE	LAB I	Mr.Atheesh kumar CADD CAE Technology, Coimbatore	20.02.2023 to 02.03.2023	
3.	Technology Training on "Web Technology"	II	CSE	SSMIET - CSE LAB	Mr.Kabilesh, Silicon software Services, Madurai	06.03.2023 to 17.03.2023	
4.	Workshop on " Problem solving using Python"	I	CSE	SSMIET - CSE LAB	Kumaran A, Deepak B, Nandhakumar T Accent Techno soft Coimbatore.	01.02.2023 to 02.02.2023	
5.	Workshop On "Innovation Activity-Build Club"	III	CSE	ECE Commun ication Lab	Mr.Nanu Swamy, Managing Director , Maxelerator Foundation, Madurai	11.01.2023 to 12.01.2023	

Guest Lecture for students

Sl. No.	Name of the Activity	Year (students)	Department	Venue	Expert's Details (Name, Company Name & Place)	Date & Duration	Photo
1.	Webinar on " How to prepare for International level examinations "	IV & III	CSE	SSMIET - CSE LAB	Yashwanth Balan , Master of Professional Studies in Applied Machine Intelligence program , Northeastern University's College, US.	18.02.2023	
2.	Workshop on"Artificial Intelligence and Machine Learning"	II	CSE	SSMIET - CSE LAB	Mr Farhadh Manaz, Chief AI Engineer, Quantanics Techserv Pvt Ltd, Madurai.	24.04.2023	

Events arranged off-Campus

S. No	Name of the Industry	Place	Year (Students)	Department	Date/ Duration	Photo
1.	Industrial Visit	Twiki Bot,Theni	II	CSE	23.05.2023	

Students Activities & Seminar/Workshop/Symposium (Attended)

S.No	Name of the Student	Year	Department	Program Details	Venue	Date/Duration
1.	Manojkumar.V	III	CSE	Symposium Variety Entertainment	Rathinam College of Arts and Science, Coimbatore	22.02.2023 to 23.02.2023
2.	Syed Musharaf.M	III	CSE	Dazzle and Delight Pitch Perfect KRISHNECS 2K23	Sri Krishna College of Engineering and Technology	21.09.2023
3.	Manikandan.B	III	CSE	Symposium Genesis'22	Sri Ramakrishna Engineering College	02.11.2023

Students Achievements (Co and Extra Curricular)

S.No	Name of the Student	Year	Department	Program Details	Venue	Date/Duration
4.	Manojkumar.V	III	CSE	State Level Open Silambam Championship-2023	Tamilnadu Traditional Silambattam Association	05.03.2023
5.	Harini.S	III	CSE	17th Dindigul District Taekwondo	Dindigul	13.01.2023
6.	Manojkumar.V	III	CSE	Variety Entertainment	Rathinam College of Arts and Science, Coimbatore	22.02.2023 to 23.02.2023
7.	Syed Musharaf.M	III	CSE	RJ Hunt 1.0- Senior RJ	Kalasalingam University Virudhunagar (Dt)	06.02.2023
8.	Syed Musharaf.M	III	CSE	Tamil Tradition and Cultural Propaganda	K.Singarakottai , Pannaikadu Veerammal Paramasivam College of Engineering and Technology	18.08.2023
9.	Syed Musharaf.M	III	CSE	Speak for India-Inter-collegiate debate competition	Pandian Saraswathi Yadava Engineering College	28.01.2023
10.	Syed Musharaf.M	III	CSE	Speak for India-Inter-collegiate debate competition	Solaimalai College Of Engineering	25.01.2023

| 11. | Syed Musharaf.M | III | CSE | Speak for India-Inter-collegiate debate competition (Zonal Level) | Solaimalai College Of Engineering | 27.02.2023 |

Students Paper Publications in Journal/Conference

S.No	Name of the Student	Year	Department	Journal Name	Title	Date/Duration
1.	Akash V Jebarson S Aravindhan G	IV	CSE	Industrial Engineering Journal	Cyber-Safe Commenting	May 2023
2.	Tamilarasan K Subbiramani R Madhesh Kumar D Siva ShanthanaBharathi	IV	CSE	International Journal of Scientific Research in Engineering and Management(IJSREM)	Virtual Joystick Application	April 2023
3.	Sanjay Narayanan S Praveen A Tamil Selvan A	IV	CSE	International Journal for Science and Advance Research in Technology	Samrt Restaurant Management Application	April 2023
4.	Hema S Layashree V Yasmin J Rose Mishna M	IV	CSE	International Journal of Research and Analytical Reviews	Prediction of Crop Yield & Weather Forecasting in Farmland and using Sensor Data	April 2023
5.	Suganya S Varshini U Sharmila S Abinaya Josephine Jesila	IV	CSE	International Journal of Research and Analytical Reviews	Automatic Fish Classification System using Deep Learning	April 2023
6.	Periyasamy R Mohamed Fazil Jayasurya K S	IV	CSE	Industrial Engineering Journal	Blockchain Based Multi Disease Prediction using Support Vector Machine Algorithm	May 2023
7.	Asmetaa G Y Harini S Jeyashree S Sriram J	IV	CSE	Industrial Engineering Journal	Inappropriate Language and Hate Speech Recognition Speech Recognition	May 2023
8.	Santhoshkumar S Saravanakumar G Shiffin Paul J VishwaBharathi J	IV	CSE	Industrial Engineering Journal	Prediction System for Bigmart Sales using Machine Learning	May 2023

Faculty Activities

Paper Publications

S.No	Name of the Faculty	Designation	Department	Journal Name	Month & Year	Topic
1.	K.Sureka	Assistant. Professor	CSE	International Conference For Information And Communication Engineering	April 2023	Edit Based Approach To Text Generation
2.	K.Sureka	Assistant. Professor	CSE	Springer	February 2023	An Intellenge Security Architecture For Mitigating Ddos Attack In Cloudiot Environment
3.	K.Sureka	Assistant. Professor	CSE	Research Trends in IT	February 2023	Security Framework For Reducing Ddos Attacks In An Iot Environment
4.	M.Moohambikai	Assistant. Professor	CSE	International Journal Of Emerging Technology In Computer Science And Electronics	May 2023	Crop Recommendation And Fertilizer Prediction System Using Machine Learning
5.	S.Suganya	Assistant. Professor	CSE	International Journal Of Industrial Engineering	May 2023	Prediction System For Bigmart Sales Using Machine Learning
6.	S.Suganya	Assistant. Professor	CSE	Springer	February 2023	An Intellenge Security Architecture For Mitigating Ddos Attack In Cloudiot Environment
7.	J.Dhanalakshmi	Assistant Professor	CSE	International Journal Of Industrial Engineering	May 2023	Blockchain Based Multi Disease Prediction Using Support Vector Machine Algorithm

Paper Presentation

S.No	Name of the Faculty	Designation	Department	Topic	Description	venue	Date/ Duration
1	A.Aldo Tenis	AP	CSE	A Novel Phishing Website Prediction Model – Hybridisation of Dense Network Model	Research Congress (KAHEARC 2022)	Karpagam Academy of Higher Education , Coimbatore	10.12.2023
2	A.Aldo Tenis	AP	CSE	Cloud based IOT System for Industrial Waste Water Management	NCERI -23	SSM Institute of Engineering and Technology	24.03.2023, 25.03.2023
3	K.Sureka	AP	CSE	Edit Based Approach to Text Generation	International Conference for information and Communication Engineering	Care College, Coimbatore	27.04.2023, 28.04.2023
4	K.Sureka	AP	CSE	An intellege security Architecture for mitigating DDOS attack in CloudIOT Environment	International Conference on Expert Cloud and Applications	RV college of Engineering, Bengaluru	09.02.2023, 10.02.2023
5	K.Sureka	AP	CSE	A security Architecture to mitigate DDOS attacks from IOT Environment	IRNAIT 2023	Musilm College, Kanyakumari	24.02.2023
6	K.Sureka	AP	CSE	A security Architecture to protect from DDOS attacks in cloud integrating IOT	-	Pudhukootai College	09.02.2023, 10.02.2023
7	S.Suganya	AP	CSE	Cloud Based Iot System For Industrial Waste Water Maganment	National Conference And Exhibition On Rural Innovations	SSM Institute of Engineering and Technology, Dindigul	24.03.2023, 25.03.2023
8	S.Suganya	AP	CSE	An Intelligent Security Architecture For Mitigating DDOS Attack In Cloud IOT Environment	International Conference on "Expert Clouds and Applications(IC OECA)	RV College of Engineering, Bengaluru	09.02.2023, 10.02.2023
9	S.Suganya	AP	CSE	Automatic Fish Classification System Using Deep Learning	International Conference on "Information and Communication Engineering"	Care College of Engineering Trichy	27.04.2023, 28.04.2023

10	N.Padmapriya	AP	CSE	Detecting Object And Text- Converting To Speech	NCERI -23	SSM IET	24.03.2023
11	N.Padmapriya	AP	CSE	Deep Learning Based Poultry Disease Detection	NCERI -23	SSM IET	24.03.2023
12	N. Anu Lavanya	AP	CSE	Malware Analysis and Detection for Different File Formats Using KNN Algorithm	ICICE'23	Care College of Engineering Trichy	27.04.2023, 28.04.2023
13	N.J Divya	AP	CSE	Intelligent Robot For Crop Prediction In Farmland Using Real-Time Sensor Data And Machine Learning	ICICE'23 Technical Paper Presentation	CARE College of engineering, Trichy	27.04.2023, 28.04.2023
14	J.Dhanalakshmi	AP	CSE	Blockchain based Multi Disease Prediction using Support Vector Machine Algorithm	ICESTEM'23	Bharaath Niketan Engineering College	28.04.2023
15	J.Dhanalkshmi	AP	CSE	Cloud based IOT System for Industrial Waste Water Management	NCERI -23	SSM Institute of Engineering and Technology	24.03.2023, 25.03.2023
16	M.Moohambikai	AP	CSE	Cloud based IOT System for Industrial Waste Water Management	NCERI -23	SSM Institute of Engineering and Technology	24.03.2023, 25.03.2023

Book Published

S.No	Name of the Faculty	Designation	Department	Title	Publisher	Month/Year
1	N.J Divya	AP	CSE	"A Survey on Privacy-Aware IoT Based Multi-Disease Diagnosis Model for Healthcare System"	CRC Press, Taylor & Francis Group,USA	Mar-03-2023

FDP, SEMINAR, WORKSHOP ATTENDED by faculty

S.No	Name of the Faculty	Designation	Department	Topic	Event name	venue	Date
1	N.Padmapriya	AP	CSE	Artificial Intelligence and Machine Learning	FDP	SSMIET	06.02.2023 - 10.02.2023
2	N.J Divya	AP	CSE	Artificial Intelligence and Machine Learning	FDP	SSMIET	06.02.2023 - 10.02.2023
8	N. Anu Lavanya	AP	CSE	Artificial Intelligence and Machine Learning	FDP	SSMIET	06.02.2023 - 10.02.2023
12	G.Murugan	AP	CSE	Artificial Intelligence and Machine Learning	FDP	SSMIET	06.02.2023 - 10.02.2023
13	M.Moohambikai	AP	CSE	Artificial Intelligence and Machine Learning	FDP	SSMIET	06.02.2023 - 10.02.2023
15	M.Moohambikai	AP	CSE	SDC-Machine Learning with Applications to Object Recognition	FEP	Anna University, MIT campus	19.01.2023 - 25.01.2023
17	A.Aldotenis	AP	CSE	Artificial Intelligence and Machine Learning	FDP	SSMIET	06.02.2023 - 10.02.2023
18	A.Aldotenis	AP	CSE	Outcome BasedEducation in Computer Science Discipline	FDP	Marian College ,Kuttikkanam	08.12.2023 – 15.12.2023
21	S.Suganya	AP	CSE	Artificial Intelligence and Machine Learning	FDP	SSMIET	06.02.2023 - 10.02.2023
25	K.Sureka	AP	CSE	Mathematics for Data Science and Machine Learning	FDP	Gopalan College of Engineering and Management, Bangalore	02.01.2023 to 07.02.2023
26	K.Sureka	AP	CSE	Trends and Innovations in Industry 4.0	FDP	A.V.C College of Engineering, Mayiladuthurai	23.01.2023 to 28.01.2023
31	J.Dhanalakshmi	AP	CSE	Artificial Intelligence and Machine Learning	FDP	SSMIET	06.02.2023 - 10.02.2023
36	J.Dhanalakshmi	AP	CSE	Fundamentals of DataScience andAnalytics	FDP	PSG Institute of Technology and Applied Research	02.02.2023 to 06.02.2023
38	Dr.G.Prabu	AsP	CSE	AI/ML	FDP	SSMIET	06.02.2023 to 10.022023

Guest Lecture by faculty

S.No	Name of the Faculty	Designation	Department	Topic	venue	Date
1.	J.Dhanalakshmi	Assistant Professor	CSE	Hands on Training on Microsoft Office	Arul Jyothi Vallalar Higher Sec.School	03.02.2023

Faculty Program Organized

S.No	Name of the Faculty	Designation	Department	Event Name	Date	Photo
1.	Dr. G. Prabu	AsP	CSE	FDP	06.02.2023 to 10.02.2023	

NPTEL Courses by Faculty

S.No	Name of the Faculty	Course Name	Month- Year
1.	Mrs.A.Aldo Tenis	Data Analytics with Python	April 2023
2.	Mrs.A.Aldo Tenis	Outcome Based Pedagogic Principles For Effective Teaching	April 2023
3.	Mrs.M.Moohambikai	Data Analytics with Python	Feb-Apr 2023
4.	Mrs.K.Sureka	Data Analytics with Python	March-May 2023
5.	Mrs.K.Sureka	Computer Vision and Image Processing - Fundamentals and Applications"	March-May 2023
6.	Ms.N.Padmapriya	Python for Data Science	March 2023
7.	Mr.G.Murugan	Cloud Computing and Distributed Systems	March-2023
8.	Mr.G.Murugan	Data analytics with Python	April-2023
9.	Mrs.S.Suganya	Deep Learning	April-2023
10.	Mrs.S.Suganya	Data Analytics with Python	April-2023
11.	Mrs.J.Dhanalakshmi	Data Analytics using Python	Jan-Apr 2023
12.	Mrs.J.Dhanalakshmi	Blockchain and Its Application	Jan-Apr 2023