SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Dindigul – Palani Highway, Dindigul – 624 002

Department of Computer Science and Engineering

Faculty Activities

Faculty participation in FDP/STTP/Workshop/Seminar

Academic Year 2022 – 2023

S. No	Name of the Faculty Member	Event(FDP/ STTP / Workshop/ Seminar)	Topic	Institution	Duration (from-to)	No. of Days
1	Dr. G . Prabu	FDP	Artificial Intelligence and Machine Learning	SSM Institute of Engineering Technology joined with Maxelerator Foundations , Madurai	6.2.23-10.2.23	5 days
		FDP	Design and Development of Industry led Curriculum In Technological Era	Maharaja Institute Of Technology , Kattachira	14.12.22 to 22.12.22	9 days
		FDP	"Incorporating Python Computation in classroom teaching for Mechanical Engineering subjects	Ramco Institute of Technology, Rajapalayam	20/12/22	1 day
		Workshop	Role of NAAC in Enhancing Quality in Higher Education Institutions	RAMCO Institute Of Technology	16-12-22 to 17-12-22	2 days
		Workshop	Incorporating Universal Human Values in Education	AICTE , New Delhi	19-12-22 to 23-12-22	5 days
2	Mrs.M. Moohambikai	FDP	Artificial Intelligence and Machine Learning	SSMIET	6.2.23-10.2.23	5 days

		FDP	SDC-Machine Learning with Applications to Object Recognition	Anna University, MIT campus	19.01.23 to 25.01.23	5 days
		FDP	Recent trends in AI and Cyber security	Shri vishnu Engineering college for women	01.11.2022 to 05.11.2022	5 days
		Workshop	Cyber security	Newton's group of institution	3.12.22	1 day
3	Mrs. K. Sureka	FDP	Mathematics for Data Science and Machine Learning	Gopalan College of Engineering and Management, Bangalore	02.01.2023 to 07.01.2023	6 days
		FDP	Trends and Innovations in Industry 4.0	A.V.C College of Engineering, Mayiladuthurai	23.01.2023 to 28.01.2023	6 days
		FDP	Artificial Intelligence and Machine Learning	SSMIET	6.2.23-10.2.23	5 days
		FDP	Recent Trends in Artificial Intelligence and Cyber Security	Shri Vishnu Engineering College for Women, Bhimavaram	01.11.2022 to 05.11.2022	5 days
		FDP	Outcome based Education(OBE) in Computer Science Discipline	Marian College, Kuttikkanam	08.12.2022 to 15.12.2022	8 days
		FDP	Research Methodology	PPG College of Arts and Science, Coimbatore	12.12.2022 to 19.12.2022	8 days
		Workshop	Cyber security	Newton's group of institutions	3.12.22	1 day
4	Mrs.A.Aldo Tenis	FDP	Artificial Intelligence and Machine Learning	SSMIET	6.2.23-10.2.23	5 days
		FDP	Outcome Based Education in computer science discipline	Marine college, kuttikkanam, Kerala(online)	08.12.2022 to 15.12.2022	8 days

		Workshop	Deep Learning	Pan-Tech E learning	11-11-22 to 11-12-22	30 days
5	Ms. N. Padma Priya	FDP	Artificial Intelligence and Machine Learning	SSMIET	6.2.23-10.2.23	5 days
		FDP	Full Stack Development	Infosys, Bangalore	14.10.2022	1 day
		Workshop	Artificial Intelligence - Master Mind workshop	Pantech	24.11.2022	1 day
6	Mr. G. Murugan	FDP	Artificial Intelligence and Machine Learning	SSMIET	6.2.23-10.2.23	5 days
		FDP	Recent trends in AI and Cyber security	Shri vishnu Engineering college for women	1.11.22 to 5.11.22	5 days
		FDP	Wireless Networks	NITTTR, Chandigarh	26.09.2022 to 30.09.2022	5 days
		Workshop	5G Wireless Communication	A.V.C College of Engineering	03.12.2022	1 day
		Workshop	Cyber security	Newton's group of institutions	3.12.22	
7	Ms. S. Suganya	FDP	Artificial Intelligence and Machine Learning	SSMIET	6.2.23-10.2.23	5 days
		FDP	Medical Image Processing	Electronics and ICT Academies at IIT Roorkee,	22.08.2022 to 02.09.2022	12 days
		FDP	Recent Trends in Artificial Intelligence and Cyber security	Shri vishnu Engineering college for women	01.11.2022 to 05.11.2022	5 days
		FDP	Implementation of OBE and NEP 2020	NITTTR,Chennai	19.12.22 to 23.12.2022	5 days

		FDP	Cryptocurrency and Blockchain Cyber Security	KMM college of Arts and Science, kerela	12.09.22 to16.09.22	5 days
		Workshop	Real Time Applications for Block Chain & IoT	Dr.T.Thimmaiah Institute of Technology	07.11.22 to 11.11.22	5 days
8	Ms. N. Anu Lavanya	FDP	Cryptography and cyber security	PSNACET	22.05.23 to 28.05.23	7 days
		FDP	Artificial Intelligence and Machine Learning	SSMIET	6.2.23-10.2.23	5 days
		FDP	Current Trends in Information Technology	MEASI Institute of IT	26.09.22 - 30.9.22	5 days
		FDP	Recent trends in AI and Cyber security	Shri vishnu Engineering college for women	1.11.22 - 5.11.22	5 days
		FDP	Artificial intelligence and Data science	Aditya college of engineering	11.07.22 to 16.07.22	5 days
		FDP	Amazon Web Services	KUPPAM ENGINEERING COLLEGE	22.08.2022 - 27.08.2022	6 days
		Workshop	Artificial Intelligence	Pantech future conclave	24.11.22	1 day
		Wrokshop	Smart Military Based Technology Challenges and Innovations	Sethu Institute of Technology	08.12.2022 - 09.12.2022	2 days
9	Ms. J. Dhanalakshmi	FDP	Artificial Intelligence and Machine Learning	SSMIET	6.2.23-10.2.23	5 days
		FDP	Fundamentals of Data Science and Analytics	PSG Institute of Technology and Applied Research	2.2.23 to 6.2.23	5 days
		FDP	IoT and its Application	NITTR ,Chandigarh	05.12.22 to 09.12.22	5 days

		FDP	Recent trends in AI and Cyber security	Shri vishnu Engineering college for women	1.11.22 to 5.11.22	5 days
		FDP	Real Time Application for Blockchain and IoT	Dr.T.Thimmaiah Institute of Technology	7.11.22 to 11.11.22	5 days
		Workshop	OBE and Attainment of CO	Research Foundation of India	21.9.22 - 23.9.22	3 days
10	Ms. N. J. Divya	FDP	Artificial intelligence and machine Learning	SSM institute of engineering and Technology	06.02.23 to 10.02.23	5 days
		FDP	Artificial intelligence and Data science	Aditya college of engineering	11.07.22 to 16.07.22	5 days
		FDP	Generative AI and Cyber security	Reva University, Bengaluru	24.07.23 to 28.07.23	5 days
		FDP	Cryptography and cyber security	PSNACET	22.05.23 to 28.05.23	7 days
		FDP	Cloud Computing	Naan Mudhalvan	26.10.2022	1 day
		FDP	Amazon Web Services	Kuppam Engineering College	22.08.2022 - 27.08.2022	6 days
		Workshop	Artificial Intelligence	Pantech future conclave	24.11.22	1 day
		Workshop	Latest AI enhancements in Medical Domain & Source for datasets	Artificial Intelligence Medical and Engineering Researchers society	23.07.2022	1 day

Academic Year 2021 – 2022

S.No	Name of the Faculty Member	Event(FDP/ STTP / Workshop/ Seminar)	Topic	Institution	Duration (from-to)	No. of Days
1	Dr. V. Shunmughavel Prof./HoD	FDP	Artificial Intelligence in Healthcare using one API Tool	Vinayaka Mission'sKirupananda Variyar Engineering College,Salem	14.12.2021-20.12.2021	6 days
2	Dr. V. Nivedhitha, AsP	FDP	Artificial Intelligence in Healthcare using one API Tool	Vinayaka Mission'sKirupananda Variyar Engineering College,Salem	14.12.2021-20.12.2021	6 days
			Developing Experiments for IoT Laboratory	College of Engineering, Attingal	07.03.33 - 11.03.22	5 days
			Robotics and Artificial Intelligence	LAKIREDDY BALI REDDY College of Engineering, Mylavaram	07.02.22 - 11.02.22	5 days
			Computer Programming using Python	NITTTR, Chanigarh	21.02.22 - 25.02.22	5 days
3	S. Deepika, AP	FDP	Artificial Intelligence in Healthcare using one API Tool	Vinayaka Mission'sKirupananda Variyar Engineering College,Salem	14.12.2021-20.12.2021	6 days
			Developing Experiments for IoT Laboratory	College of Engineering, Attingal.	07.03.33 - 11.03.22	5 days
			Robotics and Artificial Intelligence	LAKIREDDY BALI REDDY College of Engineering, Mylavaram	07.02.22 - 11.02.22	5 days
			Computer Programming using Python	NITTTR, Chanigarh	21.02.22 - 25.02.22	5 days
4	A. Priyanka, AP	FDP	Artificial Intelligence in Healthcare using one API Tool	Vinayaka Mission'sKirupananda Variyar Engineering College,Salem	14.12.2021-20.12.2021	6 days
			MATLAB and its Applications in Image Processing and Communication	SRM TRP Engineering College, Tiruchirappalli	21.02.2022 – 25.02.2022	5 days
5	N. Padma Priya, AP	FDP	Artificial Intelligence in Healthcare using one API Tool	Vinayaka Mission'sKirupananda Variyar Engineering College,Salem	14.12.2021-20.12.2021	6 days
			MATLAB and its Applications in Image Processing and Communication	SRM TRP Engineering College, Tiruchirappalli	21.02.2022 – 25.02.2022	5 days

			NITTT Course on "Module 5-Technology Enabled Learning & Life Long Self Learning"	AICTE-NITTT	Sep 2021	1 day
			NITTT Course on "Module 6-Student Assessment and Evaluation"	AICTE-NITTT	Sep 2021	1 day
			Robotics and Artificial Intelligence	LAKIREDDY BALI REDDY College of Engineering, Mylavaram	07.02.22 - 11.02.22	5 days
6	N. Anu Lavanya, AP	FDP	Artificial Intelligence in Healthcare using one API Tool	Vinayaka Mission'sKirupananda Variyar Engineering College,Salem	14.12.2021-20.12.2021	6 days
			Emerging Applications in Image Processing	Rajalakshmi Institute of Technology,Chennai	01.03.22 - 05.03.22	5 days
			Recent Advancements in Deep Learning	Anurag Enginering College,Telangana	07.02.22 - 12.02.22	6 days
			"AI & Machine Learning for IoT/EDA",	Electronics and ICT Academies at MNIT Jaipur and NIT Patna	07.03.2022-17.03.2022	10 days
			Demystifying Deep Learning and Blockchain Technology	Dr.N.G.P.Institute of Technology	19.7.2021-24.7.2021	6 days
7	N.J Divya, AP	FDP	Artificial Intelligence in Healthcare using one API Tool	Vinayaka Mission'sKirupananda Variyar Engineering College,Salem	14.12.2021-20.12.2021	6 days
			Recent Advancements in Deep Learning	Anurag Enginering College,Telangana	07.02.22 - 12.02.22	6 days
			Introduction To Internet of Things	NPTEL Swayam FDP	Jan-Apr 2022	1 day
			Emerging Applications in Image Processing	Rajalakshmi Institute of Technology,Chennai	01.03.22 - 05.03.22	5 days
8	S.Divya, AP	FDP	Artificial Intelligence in Healthcare using one API Tool	Vinayaka Mission'sKirupananda Variyar Engineering College,Salem	14.12.2021-20.12.2021	7 days

Academic Year 2020 – 2021

S.No	Name of the Faculty Member	Event(FDP/ STTP / Workshop/ Seminar)	Topic	Institution	Duration (from-to)	No. of Days
1	A.Glory Sujitha, AP	STTP	Recent Trends in Machine Learning and Big Data Analytics using Python Programming	Excel Engineering College, Komarapalayam	4.1.2021 to 9.1.2021	6 days
2	V.Nivedhitha, AP	FDP	NPTEL Online Certification -Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	September-December 2020	1 Month
			AICTE Training and Learning (ATAL) Academy Online FDP on "Data Sciences"	Tripura Institute of Technology	24.8.2020 to 28.8.2020	5 days
			AICTE Training and Learning (ATAL) Academy Online FDP on "Cloud Technology"	Vaagdevi College of Engineering	07.09.20 to 11.09.20	5 days
			STTP on "Challenges and Applications of Internet of Things (IoT) in Smart Agriculture"	Kongunadu College of Engineering and Technology	30.11.2020 to 5.12.2020	6 days
			Short Term Training Program (STTP) under AICTE Quality Improvement Schemes (AQIS) on Data Science: Unfolding Layers of Knowledge (Phase IV)	Acropolis Institute of Technology	14.12.2020 to 19.12.2020	6 days
			AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things"	Government College of Technology	07.12.20 to 11.12.20	5 days
			STTP under AICTE- Artificial Intelligence and Deep LEarning for Computational Biology	PSNA college of Engineering and Technology, Dindigul	01.02.21 - 06.02.2021	5 Days
3	S.Deepika, AP	FDP	AICTE Training and Learning (ATAL) Academy Online FDP on "Block Chain"	Karpagam College of Engineering	(07.12.2020 - 11.12.2020)	5 Days
			AICTE Training and Learning (ATAL) Academy Online FDP on "IoT"	Sri Manakula Vinayagar Engineering College.	1.2.2021 to 5.2.2021	5 Days
4	S.Bharathi, AP	FDP	AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)	Army Institute of Technology.	24- 11- 2020 to 28-11- 2020	5 Days
5	N.Padma Priya, AP	FDP	IoT and Wireless Sensor Networks	Brindhavan College of Engineering	27.07.2020 - 31.07.2020	5 Days
			AICTE Training and Learning (ATAL) Academy Online FDP on "Robotics"	Rajiv Gandhi Proudyogiki Vishwavidyalay, Bhopal.	03.11.2020 - 07.11.2020	5 Days
			Research Challenges and Applications of Internet of Things in Smart Agriculture	Kongunadu College of Engineering and Technology	30.11.2020 to 05.12.2020	5 Days

			AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)"	Government College of Technology	07.12.2020 - 11.12.2020	5 Days
			AICTE Training and Learning (ATAL) Academy Online FDP on "Augmented Reality (AR)/ Virtual Reality (VR)"	Jawaharlal Nehru Technological University Anantapur College of Engineering Anantapuramu	05.01.2021- 09.01.2021	5 Days
6	M.Kiruthika, AP	FDP	AICTE Training and Learning (ATAL) Academy Online FDP on "Block chain"	Mepco Schlenk Engineering College	17.08.2020 to 21.08.2020	5 Days
			AICTE Training and Learning (ATAL) Academy Online FDP on "Block chain"	JNTUA College of Engineering.	08.09.2020 to 12.09.2020	5 Days
		STTP	Short Term Training Programme on "Research Challenges and Applications of Internet of Things (IoT) in Smart Agriculture"	Kongunadu College of Engineering and Technology, Trichy	30.11.2020 to 05.12.2020.	5 Days
			AICTE sponsored Online STTP under AQIS on "Recent Trends in Internet of Things"	Anurag Engineering College, Kodad	14.12.2020 to 19.12.2020	6 Days
		FDP	AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)"	National Institute of Technology, Durgapur	05.01.2021 to 09.01.2021	5 Days
7	G.Manjari, AP	FDP	Exploring the Nuances of Deep Learning for Research Applications - A Deeper Experience	Karunya Institute of Technology and Sciences, Coimbatore	13.07.2020 to 17.07.2020	5 Days
			AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)"	Army Institute of Technology	24.11.2020 to 28.11.2020	5 Days

Academic Year 2019 – 2020

S.No	Name of the Faculty Member	Event(FDP/ STTP / Workshop/ Seminar)	Title of the FDP	Venue	Duration (from-to)	No. of Days
1	Dr.V.Shunmughavel, Professor/HoD	STTP	AICTE Six Days STTP on "Intelligent Video Analytics"	PSNA College of Engineering and Technology, Dindigul	31.07.2019 - 05.08.2019	6 days
2	Dr. V. Eswaramoorthy, AP	FDP	FDP on "Linux applications in Engineering Education"	NITTTR, Chandigarh	27.04.2020 - 01.05.2020	5 days
			FDP on "Arduino"	Spoken Tutorial, IIT Bombay and Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology.	29.04.2020 - 03.05.2020	5 days
			FDP on "Evolution of Teaching Learning Progress"	Bharath Institute of Science and Technology	11.05.2020- 15.05.2020	5 days
3	A.Glory Sujitha, AP	STTP	STTP on " Intelligent Video Analytics"	PSNA College of Engineering and Technology, Dindigul	31.07.2019 - 05.08.2019	6 days
4	V.Nivedhitha, AP	FDP	Internet of Things	NITTTR, Chandigarh	15.04.2020 to 19.04.2020	5 days
			Arduino	Spoken Tutorial, IIT Bombay and Potti Sriramulu Chalavadi Mallikarjuna Rao College of Engineering and Technology.	29.04.2020 to 03.05.2020	5 days
			NPTEL - AICTE FDP on Machine Learning	NPTEL	February-April 2020	1 Month
5	A.Amala Deepan, AP	STTP	STTP on " Intelligent Video Analytics"	PSNA College of Engineering and Technology, Dindigul	31.07.2019 - 05.08.2019	5 days
6	S.Deepika, AP	Workshop	Python Programming Workshop	Velammal Engineering College, Chennai	(30.05.2020 - 03.06.2020)	5 days
7	S.Sureshkumar, AP	FDP	FDP on "Evolution of Teaching Learning Progress"	Bharath Institute of Science and Technology	11.05.2020 - 15.05.2020	5 days
			FDP on "Building a Neural Network from the Groundup using Python"	Kongu Engineering College, Erode	21.05.2020- 26.05.2020	5 days
			FDP on "Artificial Intelligence and Machine Learning"	Vemu Institute of Technology	25.05.2020- 29.05.2020	5 days
			FDP on "Augmented Reality (AR)/ Virtual Reality (VR)"	University Institute of Engineering and Technology, Kurukshetra (ATAL)	25.05.2020- 29.05.2020	5 days
			FDP on "Block chain technology"	Kallam Haranadha Reddy IET, Andhra Pradesh	26.05.2020- 28.05.2020	days
8	S.Bharathi, AP	FDP	NPTEL - AICTE Faculty Development Program on "Python for Data Science"	NPTEL	August to September 2019	1 Month

			FDP on "Disruptive Technologies"	Aarupadai Veedu Institute of Technology (AVIT), Chennai,	08.05.2020 - 10.05.2020	3 days
9	N.Padma Priya, AP	STTP	AICTE one-week STTP on Innovations and Research Challenges in IoT Applications for Smart Manufacturing and Smart Design	Sri Ramakrishna Engineering College, Coimbatore	09.12.2019 to 14.12.2019	5 days
10	M.Kiruthika, AP	FDP	NPTEL - AICTE Faculty Development Program on "Python for Data Science"	NPTEL	August to September 2019	1 month
		STTP	AICTE one-week STTP on Innovations and Research Challenges in IoT Applications for Smart Manufacturing and Smart Design	Sri Ramakrishna Engineering College, Coimbatore	09.12.2019 to 14.12.2019	5 days
		FDP	International Faculty Development Program on Disruptive Technologies	Aarupadai Veedu Institute of Technology,Chennai	08.05.2020 to 16.05.2020	5 days
			One-week online Faculty Development Program on "OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE"	Government College of Engineering, Karad - Maharashtra	11.05.2020 to 15.05.2020	5 days
11	G.Manjari, AP	FDP	Data Science using python	Jeppiar Institute of Technology,Chennai	18.05.2020 to 22.05.2020	5 days

Academic Year 2018 – 2019

S.No	Name of the Faculty Member	Event(FDP/ STTP / Workshop/ Seminar)	Title of the FDP	Venue	Duration (from-to)	No. of Days
1	Dr.V.Shunmughavel Professor/HoD	STTP	STTP on "NBA Accreditation"	National institute of Technical Teachers Training and Research, Kolkata	22.04.2019 to 26.04.2019	5 days
2	M.Arockia Irudayaraja, AP	FDP	Deep Learning Applications in Medical Imaging	K.L.N College of Information Technology, Madurai	14.11.2018 to 20.11.2018	7 days
3	N.Kalaivani, AP	FDP	NPTEL-Online Certification on "Cloud Computing"	SWAYAM - NPTEL	February to April 2019	1 Month
4	V.Nivedhitha, AP	FDP	NPTEL-Online Certification on "Introduction to Internet of Things"	SWAYAM - NPTEL	January to April 2019	1Month
			Next Generation Wireless Networks	NITTTR, Chandigarh & PSNACET	29.04.2019 to 03.05.2019	5 days
5	S.Arul Jothi, AP	FDP	NPTEL - Online Certification on "Introduction to Internet of Things"	SWAYAM - NPTEL	July to October 2018	1 Month
			NPTEL-Online Certification on "Cloud Computing"	SWAYAM - NPTEL	February to April 2019	1 Month
6	S.Bharathi, AP	FDP	NPTEL - Online Certification on "Introduction to Machine Learning"	SWAYAM - NPTEL	August to October 2018	1 Month
			NPTEL - AICTE Faculty Development Program on "Introduction to IoT"	SWAYAM - NPTEL	January to April 2019	1 Month
		STTP	AICTE Recognized Short Term Course on "Next Generation Wireless Networks"	PSNACET, Dindigul	29/04/2019 to 03/05/2019	5 days
7	N.Padma Priya, AP	FDP	Emerging Network Technologies and Tools - Research Perspective	PSG Institute of Technology, Coimbatore	07.06.2019 to 13.06.2019	5 days

Faculty Conference attended

Academic Year 2022-2023

S.No	Name of the Faculty Member	Title of the Paper	Name of the Conference	Institution Name	Event Date
1	M.Moohambikai, AP	Cloud based IOT System for Industrial Waste Water Management	NCERI -23	SSM Institute of Engineering and Technology	24th and 25th march 2023
2	K.Sureka, AP	Cloud based IOT System for Industrial Waste Water Management	NCERI -23	SSM Institute of Engineering and Technology	24th and 25th march 2023
		Edit Based Approach to Text Generation	International Conference for information and Communication Engineering	Care College, Coimbatore	27&28 April 2023
		An intellenge security Architecture for mitigating DDOS attack in CloudIOT Environment	International Conference on Expert Cloud and Applications	RV college of Engineering, Bengaluru	9 and 10 February 2023
		A security Architecture to mitigate DDOS attacks from IOT Environment	IRNAIT 2023	Muslim College,Kanyakumari	24 February 2023
		A security Architecture to protect from DDOS attacks in cloud integrating IOT	-	Pudhukootai College	9 and 10 February 2023
3	A.Aldo Tenis, AP	A Novel Phishing Website Prediction Model - Hybridisation of Dense Network Model	14th Annual Research Congress	Karpagam Academy of Higher Education	Dec 2022
		Cloud based IOT System for Industrial Waste Water Management	NCERI -23	SSM Institute of Engineering and Technology	24th and 25th march 2023

4	S.Suganya, AP	Cloud based IOT System for Industrial Waste Water Management	NCERI -23	SSM Institute of Engineering and Technology	24th and 25th march 2023
		Automatic Fish Classification System Using Deep Learning	International Conference on "Information and Communication Engineering"-23	Care College of Engineering, Trichy	April 27-28,2023
		An Intelligent Security Architecture For Mitigating DDOS Attack In Cloud IOT Environment	International Conference on "Expert Clouds and Applications(ICOECA)	RV College of Engineering, Bengaluru	Feb,9-10, 2023
5	N.Padmapriya, AP	Detecting Object And Text-Converting To Speech	NCERI -23	SSM Institute of Engineering and Technology	24.03.2023
		Deep Learning Based Poultry Disease Detection	NCERI -23	SSM Institute of Engineering and Technology	24.03.2023
6	N. Anu Lavanya, AP	Malware Analysis and Detection for Different File Formats Using KNN Algorithm	ICICE'23	Care College of Engineering Trichy	April 27-28,2023
7	J. Dhanalakshmi, AP	Cloud based IOT System for Industrial Waste Water Management	NCERI -23	SSM Institute of Engineering and Technology	24th and 25th march 2023
8	N.J.Divya, AP	Intelligent Robot for Crop Prediction in Farmland using Real-Time Sensor Data and Machine Learning	International Conference on Information and Communication Engineering (ICICE'23)	CARE College of Engineering,Trichy	27&28 april 2023

		Prediction of Crop Yield & Weather Forecasting in Farmland using Sensor Data	International Conference on Information and Communication Engineering (ICICE'23)	CARE College of Engineering,Trichy	27 &28th april 2023
		Windshield glass camera vision based distracted driver detection and alert system using deep learning	International Conference on New Scientific Creations in Engineering and Technology 2022	CARE College of Engineering,Trichy	16th and 17th June 2022
		Foetal risk prediction using deep learning	International Conference on New Scientific Creations in Engineering and Technology 2022	CARE College of Engineering,Trichy	16th and 17th June 2022

Academic Year 2020-2021

S.No	Name	Title of the Paper	Name of the Conference	Institution Name	Year of Publication
1	Dr.V.Nivedhitha, AsP	IoT based coal mining safety for workers using Arduino	National Conference on Innovations in Information & Communication Technologies - (NCIICT - 2021)	Bannari Amman Institute of Technology	2021
		Centralized web-based application for Non-Profit Organization (NPO)	National Conference on Innovations in Information & Communication Technologies - (NCIICT - 2021)	Bannari Amman Institute of Technology	2021
2	S. Deepika, AP	Text in your Handwriting	National Conference on Innovations in Information & Communication Technologies-(NCIICT-2021)	Bannari Amman Institute of Technology	2021
3	Ms.N.Padma Priya, AP	Automated Student Attendance Monitoring System Using Multiple Face Detection and Recognition-AI	National Conference on Innovations in Information & Communication Technologies-(NCIICT-2021)	Bannari Amman Institute of Technology	2021

Academic Year 2019-2020

S.No	Name	Title of the Paper	Name of the Conference	Institution Name	Year of

					Publication
1.	V.Nivedhitha, AP	Smart Surveillance System for crops from peacocks using wireless sensor networks and IOT	International Conference on Artificial Intelligence & Smart Computing (ICAISC - 2020)	Bannari Amman Institute of Technology	2020

Academic Year 2018-2019

S.No	Name	Title of the paper	Name of the Conference	Institution Name	Year of Publication
1	Dr. V. Shunmughavel, Prof/HoD	Ontology based E-healthcare information retrieval system: A Semantic Approach	Conference on Recent trends in Engineering, Science and Technology (ICRTEST'19)	SBM College of Engineering and Technology	2019
		Transformations in Engineering Education"	International Conference on Transforms In Engineering Education - 2019	Malla Reddy Engineering College	2019
2	Mr. M. Arockia Irudayaraja, AP	Stimulated Sensor System for Night time security system	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
		A Novel implementation of smart energy meter monitoring and management through IOT	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
3	Ms. N.Kalaivani, AP	Text hiding in Audio and Image using Steganography"	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
		Credit Card Fraud detection system	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
4	Mr. V. Naveen Kumar, AP	GPS Based Location and Address Tracking Application for Women Security	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
5	Ms. A. Glory Sujitha, AP	SAR Image Target Detection of military artillery wavelet-based Segmentation"	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
		Decluttering of GB-SAR images VIA thresholding and Morphological filtering Techniques"	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
		SAR Image Despeckling and target	Conference on Recent Trends in	SBM College of	2019

		detection using monomorphic filters and wavelet-based segmentation	Engineering, Science and Technology(ICRETEST'19)	Engineering and Technology	
6	Ms. V. Nivedhitha, AP	Secure file storage in cloud using DCA crypt	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
7	Mr. A. Amala Deepan, AP	SAR Image Target Detection of military artillery wavelet-based Segmentation	Conference on Emerging Trends in Engineering and Technology(ICETET'19)	SBM College of Engineering and Technology	2019
		Assistant system for smart city	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
		Privacy preserving multi keyword ranked search over encrypted cloud data	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
8	Ms. S. Aruljothi, AP	Automatic detection of Diabetic retinopathy in Human Eye	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
		Smart waste Management using IOT	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
9	Ms. N. Padma Priya, AP	Secure Authorized De- Duplication using Convergent Encryption Technique"	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
		Mining Association rules with set of items in large database based on Apriori and Frequent Algorithm"	Conference on Recent Trends in Engineering, Science and Technology(ICRETEST'19)	SBM College of Engineering and Technology	2019
		Monitoring of bridge conditions VIA	Conference on Recent Trends in	SBM College of	2019

		mobile telecommunications using IOT"	Engineering, Science and Technology(ICRETEST'19)	Engineering and Technology	

SSM Institute of Engineering and Technology
List of Journal Publications

Academic Year (2022-2023)

S.No	Name of the Faculty Member	Title/Topic	Name of the Journal	Issue No and Page No	Year of Publication
1	M.Moohambikai, AP	Crop Recommendation and Fertilizer Prediction System using Machine Learning	International Journal of Emerging Technology in Computer Science and Electronics	Volume 30 Issue 4, 0976-1353	May 2023
		Heart Disease Prediction using Machine Learning	International Journal for Science and Advance Research in Technology	Volume 9 Issue 5, 2395-1052	May 2023
2	K.Sureka, AP	An intelligence security Architecture for mitigating DDOS attack in CloudIOT Environment	International Conference on Expert Clouds and Applications	Volume 673, pp 47–61	July 2023
		Edit Based Approach to Text Generation	International Conference for information and Communication Engineering		
		Security Framework for reducing DDOS Attacks in an IOT Environment	Research Trends in IT		
3	S.Suganya, AP	An intelligence security Architecture for mitigating DDOS attack in CloudIOT Environment	International Conference on Expert Clouds and Applications	Volume 673, pp 47–61	July 2023
		INAPPROPRIATE LANGUAGE AND HATE SPEECH RECOGNITION	Industrial Engineering Journal	0970-2555 Volume : 52, Issue 6, No. 1,	June 2023
		Prediction System for Bigmart Sales Using Machine Learning	International Journal of Industrial Engineering	0970-2555, Volume : 52, Issue 5,	May 2023
4	N Anu Lavanya, AP	Smart Restaurant Management Application	International Journal for Science and Advance Research in Technology	Volume 9 Issue 5, 2395-1052	May 2023
		Virtual Joystick Application	International Journal of Scientific Research in Engineering & Management	10.55041, 2582 - 3930	June 2023
5	J.Dhanalakshmi, AP	Blockchain Based Multi Disease Prediction using Support Vector Machine Algorithm	International Journal of Industrial Engineering	Volume: 52 Issue 5, 0970-2555	May 2023

		Efficient Encryption Protocol	International Journal for Science and Advance Research in Technology	Volume 9,Issue 5, 2395-1052	May 2023

Academic Year (2021-2022)

S.No	Name of the Faculty	Title/Topic	Name of the Journal	Issue No and Page No	Year of Publication
1	Dr.V.Nivedhitha, AsP	Combination of improved Harris's hawk optimization with fuzzy to improve clustering in wireless sensor network	Journal of Intelligent & Fuzzy Systems	1.737	16-Dec-21

Academic Year (2020-2021)

S.No	Name	Title of the paper	Name of the Journal	Issue No and Page No	Date of Publication
1	Dr. V. Shunmughavel, Prof./HoD	Weather Forecast Warning System using Big Data and Naive Bayes Classification Algorithm	MuktShabd Journal	Volume IX, Issue VIII, pp 363-370	August 2020
		A survey on the Rise of Social BOT detection techniques and Research Challenges	MuktShabd Journal	Volume IX, Issue XII,pp 159-164	December 2020
		A survey on Blockchain Architecture, Applications and Challenges	MuktShabd Journal	Volume IX, Issue X, pp 150-157	October 2020
		Challenges to Industrial Internet of Things (IIoT) Adoption - Innovations in the Industrial Internet of Things (IIoT) and Smart Factory	IGI – Global	Pg No: 117 - 132	January 2021
2	Dr. V. Eswaramoorthy, AsP	Photo sharing in online sharing sites in trust-based privacy	MuktShabd Journal	Volume IX, Issue V, pp 4869	May 2020
3	V. Nivedhitha, AP	DMEERP: A dynamic multi-hop energy efficient routing protocol for WSN	Microprocessors and Microsystems	Volume 79	November 2020
		Improving Network Longevity in Wireless Sensor Networks Using an Evolutionary Optimization Approach	Intelligent Automation & Soft Computing	vol.28, no.3, pp.603-616,	April 2021
		Transformation of Education Rooms into Smart Environments in Post Pandemic Period using	IOT Annals of the Romanian Society for Cell Biology	Volume 25, Issue 4, Pages. 13586-13593	April 2021
		Anticipation of COVID-19 based on regression models to foresee the pandemic spread in Tamil Nadu for a certain time-window	Journal of Huazhong University of Science and Technology	Volume 50, Issue 05	May 2021
4	S.Sureshkumar, AP	A survey on Blockchain Architecture, Applications and Challenges	MuktShabd Journal	Volume IX, Issue X, pp 150-157	October 2020
5	N.Padmapriya, AP	Electronic Health Record System that deals with uncertainity	MuktShabd Journal	Volume IX, Issue VII	July 2020

S.No	Name	Title of the paper	Name of the Journal	Issue No and Page No	Date of Publication
		Filtering Fake product Reviews By using n Gram Approach	MuktShabd Journal	Volume IX, Issue VII	July 2020
		Transformation of Education Rooms into Smart Environments in Post Pandemic Period using IOT	Annals of the Romanian Society for Cell Biology	Volume 25, Issue 4, Pages. 13586-13593	April 2021
6	S. Deepika, AP	Transformation of Education Rooms into Smart Environments in Post Pandemic Period using IOT	Annals of the Romanian Society for Cell Biology	Volume 25, Issue 4, Pages. 13586-13593	April 2021

Academic Year (2019-2020)

S.No	Name	Title of the paper	Name of the Journal	Issue No and Page No	Date of Publication

S.No	Name	Title of the paper	Name of the Journal	Issue No and	Date of
1	V.Eswaramoorthy, AP	SDARP: Security based Data Aware Routing Protocol for ad hoc sensor networks	International Journal of Intelligent Networks	Volume 1,pp 36-42	2020
		Fish Detection and classification using supervised machine learning	MuktShabd Journal	Volume IX, Issue V	May 2020
2	V. Nivedhitha, AP	SDARP: Security based Data Aware Routing Protocol for ad hoc sensor networks	International Journal of Intelligent Networks	Volume 1,pp 36-42	2020
		Hybrid Learning Model for Anomaly Detection and Automatic Labeling for Heart Disease Prediction	MuktShabd Journal	Volume IX, Issue VI, pp. 2597-2605	MAY 2020

Academic Year (2018-2019)

S.No	Name	Title of the paper	Name of the Journal	Issue No and	Date of

				Page No	Publication
1	A. Glory Sujitha, AP	Hybrid Laplacian Gaussian Based Speckle Removal in SAR Image Processing	Journal of Medical Systems	Volume - 43, Issue - 7	June 2019
2	V. Nivedhitha, AP	A Comprehensive Review on Cluster based Energy Efficient Routing Protocols in Wireless Sensor Networks	International Journal of Computer Sciences and Engineering	Volume-6, Issue-9	Sep 2018