GRACE COLLEGE OF ENGINEERING

MULLAKKADU, THOOTHUKUDI - 628005

FACULTY PROFILE

Name	**:** S. Abarna
Designation & Department	**:** Assistant Professor & CSE
Gender	**:** Female
DOB	**:** 14.02.1990
DOJ	**:** 15.06.2015
Father's Name	**:** Mr. S. Santhanaraj
E-mail id	**:** abarna@gracecoe.org

EDUCATIONAL QUALIFICATION:

Degree	Course	Month & Year of Passing	Name of the School/College & Board/University	Regular/ Part Time	% of Marks	Class Obtained
UG	BE-CSE	Nov & 2011	Dr. Sivanthi Aditanar college of Engineering, Tiruchendur & Anna University, Tirunelveli	Regular	69	I
PG	ME-CSE	June & 2014	Dr. Sivanthi Aditanar college of Engineering, Tiruchendur & Anna University, Chennai	Regular	7.36 (CGPA)	I
Ph.D (pursuing)	ICE	-	Anna University, Chennai	Part Time	-	-

EXPERIENCE:

Name of the College	Designation	Duration	
		From	To
Chandy College of Engineering, Thoothukudi	Assistant Professor	15.06.2015	11.08.2020
Grace College of Engineering, Thoothukudi	Assistant Professor	12.08.2020	Till Date
Total Teaching Experience		**7 Years 11 Months**	

ADDITIONAL QUALIFICATION IF ANY:

i. GATE Score (In case of B.E. / B.Tech.):-

ii. NET / SLET -

Title of Ph.D. Thesis *: -

Faculty in which Ph.D. was awarded: -

MEMBERSHIP IN PROFESSIONAL BODIES:

Professional Body	Type of Membership	Membership Number
CSI Chapter- Sivakasi	Faculty	F8004635

PAPERS PRESENTED IN CONFERENCE/SYMPOSIUM:

Date	Venue	Paper Name	ISBN/ ISSN if any	Conference Title
27th September 2013	AGNI college of Technology, Chennai	A Survey of an Adaptive Selective Verification: An Efficient Adaptive Countermeasure to Thwart DOS Attacks		Computing and Communication Engineering
29 & 30th November 2013	K.L.N College of Information Technology, Pottapalayam	Human Concurrence Based Efficient Pattern Mining		ICDASDC'13
21 & 22nd February 2014	Arunachala college of Engineering For Women, Vellichanthai	Restructure Search Results for Efficient Web Search		Emerging Trends in Computing, Control and Communications
24th February 2014	R.M.K Engineering College, Chennai	Frame Quality Enhancement Based on Piecewise Tone Mapping		Emerging Trends in Computing, Control and Communications
27 & 28th February 2014	D.M.I Engineering college, Aralvaimozhi	Filtering Noisy contents in Online Social Network by using Rule Based Filtering Systems		ICRVICT'14
28th February 2014	EASA college of Engineering and Technology, Coimbatore	FRECA-Fuzzy Relational Clustering Algorithm for Sentence Clustering		Innovations in Computer Technology & Communication
6 & & 7th March 2014	JayShriram Group of Institutions, Tirupur	Discovering Patterns of Human Interactions in Meetings using Tree-Based Mining		ICGICT'14
13 & 14th	C.S.I Institute of	Tree-Based Mining		ICRTET'14

March 2014	Technology, Thovalai	Method to Extract Frequent Patterns Of Human Interaction in Meetings		
19th March 2014	St. Joseph college of Engineering, Chennai	Intrusion Detection using Double Guard in Multi Tier Architecture		Advances in Computing Technology
26 & 27th March 2014	Dr. Sivanthi Aditanar college of Engineering, Tiruchendur	Detecting Human Interaction in Meetings using Tree-Based Mining"		Networking and Intelligent Computing
27th February 2016	Bethlahem Institute of Engineering, Karungal	Estimating Crop Yield from Hyper Spectral Image using N-Finder and VCA		Recent Advancement in Computer Science and Engineering
3 & 4th March 2016	Immanuel Arasar JJ College of Engineering, Marthandam on 3 & 4th March 2016	Crop Yield Estimation From Hyper Spectral Image using N-finder and VCA		ICCCT'16
17 & 18th February 2017	Erode Sengunthar Engineering College, Erode	Precise Segmentation of Vessels from MRA Brain Images based on Neural Algorithm		ICETSST'17
10 & 11th March 2017	Shree Sathyam college of Engineering and Technology, Salem	Android and Web based Electricity Monitoring and Controlling using IOT and Flex Sensor based Glove and Embedded System		ICETM'17
15th March 2017	Francis Xavier Engineering College, Tirunelveli	Android and PHP based electricity and Home based automation based on IOT with embedded system		ICETAC'17
24 & 25th March 2017	Rajas Engineering College, Vadakkangulam	Forwarding Metric based data forwarding scheme in delay-tolerant networks		ICITEST2K17
12th April 2017	Chandy College of Engineering, Mullakkadu	Oncoming Motor Vehicle detection at night time for Indian Conditions using Image Processing Techniques		Futuristic Explorations in Electrical, Communication & Information Engineering
15 & 16th March 2018	Vins Christian Women's College of Engineering, Chunkankadai	Fuzzy Identity and Attribute based Encryption for fine grained access control of Encrypted Data		ICMTER-2018
5th April 2018	Al-Ameen Engineering College, Erode	Five Finger Robotic hand used for Hand		ASER-2018

		Assisted Laparoscopic Surgery		
6 & 7th April 2018	Chennai Institute of Technology, Chennai	Attribute based Encryption for fine grained access control scheme using Encrypted Data of Fuzzy Techniques		ICRSI
15th February 2019	VV College of Engineering, Tisayanvilai	Online Banking Portal System using Stenography and Visual Cryptography		Innovative Computing Techniques and Applications
9 &10th March 2019	Prince Shri Venkateshwara Padmavathy Engineering College, Chennai	Research on deep learning techniques in breaking text based captcha & designing image-based captcha		ICCET2019
22nd March 2019	Nadar Saraswathi College of Engineering and Technology, Theni	Efficient way to store and retrieve data in an Industrial IoT in cloud computing		ICNSCET-19
18th May 2019	J.N.N Institute of Engineering, Chennai	Smart Stick using Ultrasonic Navigation with voice aid for Visually Impaired		ICIETM-19
13th & 14th March 2020	KIT-Kalaignar karunanidhi Institute of Technology,Coimbatore	Real Time Intelligence Alarm System of Driver Fatigue		ICSETM'20
13th April 2020	Karpagam Institute of Technology, Coimbatore	Multiple Pyramids based image inpainting using local patch statistics and steering kernel feature		ICLTSET'20
10th April 2021	Annai Vailankanni College of Engineering, Azhagappapuram	JeKa – The intelligent Chatbots using Various Algorithms		ICAMCCT'21
29th April 2021	SRM TRP Engineering College, Trichy	Change Detection in Remote Sensing images using Homogeneous Pixel Transforms		ICAIISEN'21
28th & 29th April 2022	PSN Institute of Technology and Science Melathediyoor	Crop Yield Prediction Using Deep Reinforcement Learning		ICRTMREICT-2022
13th to 15th July 2022	Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai	A survey on different crop yield prediction mechanisms		ICSMTBEA-2022
30th July 2022	Cheran College of Engineering, Karur	Crop Yield Prediction Using Deep XGBOOST Algorithm		IC3MEEAS – 2022
30th & 31st July 2022	Kristu Jyoti College of Management and	Weather Forecast and Rainfall Prediction in		ICMCTT – II

	Technology, Kerala	Time Series Analysis using Deep Learning		
9th & 10th November 2022	Sri Sai Ram Engineering College, Chennai	A Study on Varicose Vein into Ulcer		ICCST 2022
23rd & 24th March 2023	Velammal Institute of Technology, Chennai	A Cognitive edge architecture for the sharing economy based on blockchain and IoT in a smart city		ICA5NT 2023
9th May 2023	Grace College of Engineering, Tuticorin	Assessment of Congenital Heart Disease using Decision Tree Algorithm		NCECE-2023

PAPERS PUBLISHED IN JOURNAL :

Title of the Paper	Authors	Name of the Journal	Volume Number& Page Number	ISBN/ISSN if any	Year of Publication
A Survey of an Adaptive Selective Verification: An Efficient Adaptive Countermeasure to Thwart DOS Attacks	S. Abarna & A. Muthulakshmi	International Journal of Research in Engineering and Advanced Technology	Volume 1, Issue 5	ISSN 2320 – 8791,	October-November 2013
Discovering Patterns of Human Interaction in Meetings using Tree-Based Mining	S. Abarna	International Journal of Innovative Research in Computer and Communication Engineering	Vol.2, Special Issue 1	ISSN (Print): 2320-9798	March 2014
Precise Segmentation of Vessels from MRA Brain Images based on Neural Algorithm	Ms. S. Abarna & Mr. M. Krishna Kumar	International Journal of Computer science and Engineering	part-1	ISSN (Print): 2348-8549	February 2017
Android and Web based electricity monitoring and controlling using IoT and Flex sensor based Glove & Embedded System	Mr.S.Sabharinath ,Mr. B.Satish kumar, Mr.B.Kottalaraja & Ms.S.Abarna	International Journal of Computer science and Engineering	part-1	ISSN (Print): 2348-8387	March 2017
Android and Web based electricity monitoring and controlling using	Mr.S.Sabharinath , Mr. B.Satish kumar,Mr.M. Manikandan&	International Journal of Engineering and Techniques	part-2, Special Issue	ISSN (Print): 2395-1303	March 2017

IoT and & Embedded System	Ms.S.Abarna				
Fuzzy Identity and Attribute based Encryption for fine grained access control of Encrypted Data	Mrs. K. Meena & Ms. S. Abarna	International Journal of Modern Trends in Engineering and Research	Volume 05, Issue 04	ISSN (Print): 2393-8161	April 2018
Five Finger Robotic hand used for Hand Assisted Laparoscopic Surgery	Ms .S. Abarna & Mr. M. Krishna Kumar	International Journal of Advanced science and Engineering Research	Volume 03, Issue 01	ISSN : 2455-9288	April 2018
Attribute-based Identity Encryption for Fine Grained Access Control Scheme using Encrypted Data of Fuzzy Techniques	Ms.S.Abarna & Mrs. K. Meena	International Journal of Scientific Research and Innovations	VIII(2018)14-21	ISSN:2455-7579, Engineering Digest	May 2018
Efficient way to store & retrieve data in an Industrial IoT in cloud computing	Mrs. A. Ancy Juliet & Ms.S.Abarna	International Journal of Recent trends in Engineering and Research	Special Issue, 625-631	ISSN:2455-1457,	March 2019
Research on Deep Learning Techniques In Breaking Text-Based Captcha And Designing Image-Based Captcha	Mrs. V. Ashika Priscilla & Ms.S.Abarna	International Journal of Science and Innovative Engineering & Technology	Volume 1	ISBN 978-93-81288-184	May 2019
Action Recognition in video using backpropogation	Ms. S. Abarna & Mr. M. Krishna Kumar	International Journal of Analytical and Experimental Modal Analysis	Volume 12, Issue 12	ISSN No: 0886 -9367	December 2020
JeKa – The intelligent Chatbots using Various Algorithms	Ms. S. Abarna, E. Jeremiah & S. Karthik	International Journal of Scientific Research in Science and Technology	Volume 9, Issue 1, Page No 855-863	Print ISSN: 2395-6011 | Online ISSN: 2395-602X	April 2021
Detection of Changes in Earth Surface using Satellite Image	Ms. S. Abarna, S. Jabiya, A. Karthiga, M. Nandhini & S. Princy	International Journal of Advanced Research in Computer and Communication Engineering	Volume 10, Issue 4, Page No 61-64	Print ISSN: 2319-5940 | Online ISSN: 2278-1021	April 2021
Crop Yield	Ms. S. Abarna &	International	Volume 6,	ISSN: 2581-	August-

Prediction Using Deep XGBOOST Algorithm	P. Ganesh Priya	Journal of Engineering Technology and Management Sciences (IJETMS),	Issue 5, Page No 297-304	4621, DOI:10.466 47/ijetms.20 22.v06i05.0 43	September 2022
A Study on Varicose Vein into Ulcer	V. Rajathi, A. Chinnasamy & S. Abarna	Scopus ID: 58128294100			March 2023

WORKSHOPS ATTENDED :

Workshop Title	Venue	Date	Duration
Android Application Development - A Practical Approach	EASA College of Engineering and Technology, Coimbatore	30 & 31st January 2014	Two days
Cloud Infrastructure	Nadar Saraswathi College of Engineering and Technology, Theni	26th February 2016	One day
PHP and MYSQL	K.S.Rangasamy College Technology, Namakkal	8 & 9th March 2016	Two days
Applications of Machine Learning in 5G Wireless Communication: A research Perspective	Mahendra Engineering College, Salem	11th February 2020	One day
Cyber Security	Sri Venkateswara College of Engineering and Technology, Chittoor, Andhra Pradesh	8 & 9th June 2020	Two days
Outcome Based Education and Accreditation	Anna University, Chennai	20th October 2020	One day
Basics of Research	Indore School of Social Work, Indore, Madhya Pradesh	13th May 2021	One day
Research Publication in Engineering and Technology – Elsevier	Loyola –ICAM College of Engineering and Technology, Chennai	27th August 2021	One day
Applications of Deep Learning in Computer Vision	Sri Sivasubramaniya Nadar College of Engineering, Chennai	10th to 12th February 2022	Three days
Designing and Modelling of IoT, AI & ML Systems	AICTE, ATAL Academy	1st to 5th August 2022	Five days
Edge Computing and its Applications	Sri Sivasubramaniya Nadar College of Engineering, Chennai	26th & 27th August 2022	Two days
IPR Awareness Program	RVS College of Engineering and Technology, Coimbatore	30th August 2022	One day
Training on IoT using Node MCU & Thingspeak	Study World College of Engineering, Coimbatore	31st October 2022	One day
Cyber Security for Operational Technology Systems	Sri Krishna College of Technology, Coimbatore	24th to 28th April 2023	Five days

SEMINARS ATTENDED :

Seminars Title	Venue	Date	Duration
Recent Research Challenges in Image Processing and Network security	Dr. Sivanthi Aditanar college of Engineering, Tiruchendur	19th December 2012	One day
Emerging Trends in Green Networking Technologies	National Engineering College, Kovilpatti	8th March 2013	One day
Recent Advances in emerging Trends in Life Science Research in BIOCLOUD-Bioinformatics using Cloud Computing Technologies	National Engineering College, Kovilpatti	20 & 21st September 2013	Two days
Computer Vision	Dr. Sivanthi Aditanar college of Engineering, Tiruchendur	8 & 9th October 2013	Two days
Artificial Neural Network for solving Medical Diagnosis Problems	N.S.N College of Engineering and Technology, Karur	6th February 2019	One day
Deep Learning for Medical Image Analysis - Challenges & Future	AAA College of Engineering and Technology, Sivakasi	29 & 30th April 2019	Two days
Oracle DB, Query and Trends	Kings Engineering College, Chennai	8th June 2020	One day
Impact of Climate Change on Human Health using Deep Learning Algorithms	Kongunadu College of Engineering and Technology, Trichy	10th June 2022	One day

WEBINARS ATTENDED :

Webinars Title	Venue	Date	Duration
Challenges in Integrating Nano Sensors to IoT platform	Chennai Institute of Technology, Chennai	4th May 2020	One day
Hangout with Successful Start Ups	Chennai Institute of Technology, Chennai	5th May 2020	One day
India First Leadership Talk	UGC Broadcasted Chief Innovation Officer, MHRD's Innovation Cell	9th May 2020	One day
How the teachers should be ready to handle post pandemic challenges	Chennai Institute of Technology, Chennai	12th May 2020	One day
Introduction to Image Quality Measures	Chennai Institute of Technology, Chennai	13th May 2020	One day
Art of Writing and Publishing Research Paper for High Indexed Journals	J. K. K. Nataraja College of Engineering and Technology, Namakkal	15th May 2020	One day
Internet of Things(IoT) Technologies for SMART CITIES	SCAD College of Engineering and Technology, Cheranmahadevi	15th May 2020	One day
Leadership Talk	Praj Industries Limited & Chief Innovation Officer, MHRD's Innovation Cell	16th May 2020	One day

Autonomous Vehicles	Vimal Jyothi Engineering College, Kannur	16th May 2020	One day
Green Building Technology	Chennai Institute of Technology, Chennai	21st May 2020	One day
How to be an Excellent Online Tutor	Unitieup	21st May 2020	One day
Leadership Talk	Mahindra Electric Mobility Limited & Chief Innovation Officer, MHRD's Innovation Cell	23rd May 2020	One day
Enhancing the Power within	Dr. Sivanthi Aditanar College of Engineering, Tiruchendur	23rd May 2020	One day
Identification of Internet Suspect Criminals using Forensic Field True Traveller Kit	Francis Xavier Engineering College, Tirunelveli	27th May 2020	One day
Leadership Talk	Indian Civilization & History & Chief Innovation Officer, MHRD's Innovation Cell	30th May 2020	One day
Experimental learning using Virtual Labs, and jobs of the future	Unitieup	30th May 2020	One day
Revised Accreditation Framework (RAF) of NAAC: An awareness webinar for faculty members of Higher Education Institutions	PSNA College of Engineering and Technology, Dindigul	30th May 2020	One day
IoT – What a Commoner needs out of it?	Jeppiaar Engineering College, Chennai	1st June 2020	One day
Overcoming Challenges in taking online classes	Jeppiaar Engineering College, Chennai	2nd June 2020	One day
Blockchain and Bitcoins	Francis Xavier Engineering College, Tirunelveli	3rd June 2020	One day
IPR – An asset for Professionals	Dr. N. G. P Institute of Technology, Coimbatore	5th June 2020	One day
Patentability and Industrial Design	Dr. N. G. P Institute of Technology, Coimbatore	5th June 2020	One day
Introduction to Blockchain Technology	Arasu Engineering College, Kumbakonam	6th June 2020	One day
Leadership Talk	Co-Founder and Director Elephant Design & Chief Innovation Officer, MHRD's Innovation Cell	6th June 2020	One day
Introduction to Multi Criteria Decision Making Approach	Rajalakshmi Engineering College, Chennai	9th June 2020	One day
Big Data Powering AI and Data Stream Processing	Sathyabama Institute of Science and Technology, Chennai	11th & 12th June 2020	Two days
Web Application Security	Loyola Institute of Technology, Chennai	12th June 2020	One day
How to Control the Restless Mind	Chennai Institute of Technology, Chennai	12th June 2020	One day
Embrace Conflicts In Challenging World	St. Joseph's College of Engineering, Chennai	12th June 2020	One day

Generative Transformers in Natural Language Processing	St. Joseph's College of Engineering, Chennai	13th June 2020	One day
Leadership Talk	Secretary Ministry of Social Justice & Empowerment & Chief Innovation Officer, MHRD's Innovation Cell	13th June 2020	One day
Leadership Talk	Akshay Patra Foundation & Chief Innovation Officer, MHRD's Innovation Cell	18th June 2020	One day
Emerging Trends in IoT Sensors	Sri Ranganathar Institute of Engineering and Technology, Coimbatore	22nd June 2020	One day
Research Issues in Medical Image Processing	St. Mother Theresa Engineering College, Vagaikulam	25th June 2020	One day
Scope of Machine Learning in Automotive Industry	Francis Xavier Engineering College, Tirunelveli	25th June 2020	One day
Cloud Computing-Serverless Architecture: Function as a Service	Panimalar Engineering College, Chennai	25th June 2020	One day
Leadership Talk	Motivational Speaker & Chief Innovation Officer, MHRD's Innovation Cell	27th June 2020	One day
Energy Efficiency in Wireless Sensor Network	Francis Xavier Engineering College, Tirunelveli	30th June 2020	One day
Leadership Talk	CEO- Prasar Bharti & Chief Innovation Officer, MHRD's Innovation Cell	11th July 2020	One day
Employability Post COVID Era: Expectation of Industry Vs Education System's Preparedness	ASSOCHAM INDIA, ISHRAE Pune chapter, New Delhi	11th July 2020	One day
Uses of Web & Application Server in Industry	Vemana Institute of Technology, Bengaluru	3rd August 2020	One day
Biometric Recognition Techniques for Authentication in Smart Cities	National Taiwan University of Science and Technology, Taipei, Taiwan	3rd August 2020	One day
The Role & Impact of AI, Machine Learning and Deep Learning in Engineering Applications	Sri sairam Engineering College, Chennai	24th October 2020	One day
Fast-Track your career with cloud	Panimalar Engineering College, Chennai	30th July 2021	One day
Conceptualizing Hypotheses Developing a Competitive Proposal for Research Funding	Karpagam Institute of Technology, Coimbatore	27th August 2021	One day
Getting Started with Deep Learning	Government Engineering College, Rajkot	16th October 2021	One day
Machine Learning	Government Engineering College, Rajkot	22nd October 2021	One day
Practical Debugging for Data Science	Government Engineering College, Rajkot	20th November 2021	One day

Intellectual Property Rights	Intellectual Property Office, India	28th February 2022	One day
Machine Learning using Python	Simats School of Engineering, Chennai	26th May 2022	One day
Cloud Computing-Tools, Technologies and Research Growth	Simats School of Engineering, Chennai	27th May 2022	One day
Data Visualization using SEABORN Package	Simats School of Engineering, Chennai	30th May 2022	One day
Industrial Applications of Machine Learning and Challenges	Government Engineering College, Rajkot	30th July 2022	One day
Filing a National and International Patent and Understanding the Procedure for the Same	Shri Vishnu Engineering College for Women, Bhimavaram, Andhra Pradesh	6th August 2022	One day
Computer Vision for Self Driving Cars	Chalapathi Institute of Engineering and Technology, Guntur	17th August 2022	One day
Hands on Artificial Intelligence and Data Analytics	Chalapathi Institute of Engineering and Technology, Guntur	25th August 2022	One day
Effective Methodology for Research paper writing	V.S.B. Engineering College, Karur	3rd September 2022	One day
Introduction to Cyber Security	Chalapathi Institute of Engineering and Technology, Guntur	7th September 2022	One day
Guest Lecture on DBMS	Chalapathi Institute of Engineering and Technology, Guntur	21st September 2022	One day
Role of IoT in Industry and Academia	Kongunadu College of Engineering and Technology, Trichy	28th September 2022	One day
Mulsemedia in 360 VR	Study World College of Engineering, Coimbatore	28th October 2022	One day
Healthcare Informatics	Study World College of Engineering, Coimbatore	1st November 2022	One day
Career Opportunities in Communication Systems-Industry Perspective	Kumaraguru College of Technology, Coimbatore	11th April 2023	One day
Cyber Security challenges for common man through Wind Turbine Generators	Institution of Engineers, Tiruchirappalli	11th April 2023	One day
Advancements and Opportunities in Defence Technology for Engineering/ Science Graduates	Kumaraguru College of Technology, Coimbatore	15th April 2023	One day
Performance of Industry Sector	Institution of Engineers, Tiruchirappalli	18th April 2023	One day
Technical Paper Writing	Central Institute of Technology, Kokrajhar	29th April 2023	One day

FDP ATTENDED :

FDP Title	Venue	Date	Duration
Contemporary Teaching Techniques-Revisiting Education Pedagogy	Chandy College of Engineering, Mullakadu	29th June 2015	One day
Cummulative Association of Humanities and Science	Chandy College of Engineering, Mullakadu	19th January 2016	One day
Research Methodologies	Chandy College of Engineering, Mullakadu	30th January 2016	One day
Data Science and Big Data Analytics	Jayaraj Annapackiam CSI College of Engineering, Nazareth	23rd June 2017	One day
IoT using ARDUINO and RASPBERRY PI	SRM Institute of Science and Technology, Chennai	26th & 27th November 2018	Two days
Overview of OBE & NBA process under Margdarshan scheme for share and Mentor Institutions	Francis Xavier Engineering College, Tirunelveli	18th to 23rd November 2019	Six days
Data Science and Cloud Computing	Chebrolu Engineering College, Guntur	18th to 22nd May 2020	Five days
Role of IoT, Embedded, Electric Vehicle & Power Electronic Converters for smart world	St. Joseph's College of Engineering, Chennai	18th to 22nd May 2020	Five days
Principles of Management	Panimalar Institute of Technology, Chennai	18th to 22nd May 2020	Five days
Data Structures(CS8391)	Velammal Engineering College, Chennai	25th to 29th May 2020	Five days
Data Science using python	Mohamed Sathak A J College of Engineering, Chennai	25th to 30th May 2020	Six days
Artificial Intelligence & Machine Learning	Vaagdevi College of Engineering, Hyderabad	29th & 30th May 2020	Two days
Angular and Business Intelligence	St. Joseph's Institute of Technology, Chennai	30th & 31st May 2020	Two days
Big Data Engineering	Kings Engineering College, Chennai	1st to 5th June 2020	Five days
Research Challenges in Computer Science and Engineering	Ramachandra College of Engineering, Eluru	1st to 5th June 2020	Five days
Data Science with R Programming for Data Analytics	Sharad Institute of Technology College of Engineering Yadrav-Ichalkaranji, Maharashtra	4th to 9th June 2020	Six days
Machine Learning and Data Science for Engineering Applications	Shadan College of Engineering and Technology, Hyderabad	5th to 10th June 2020	Six days
Artificial Intelligence & Data Science	Oriental Institute of Science & Technology, Bhopal	10th to 14th June 2020	Five days
Advanced Networking Technologies	Shadan College of Engineering and Technology, Hyderabad	13th to 15th June 2020	Three days
CS8711-Cloud Computing	St. Xavier's Catholic College of Engineering, Nagercoil	15th to 20th June 2020	Six days

Latest Trends and Challenges in IT Industry	R.M.D Engineering College, Kavaraipettai	15th to 20th June 2020	Six days
A DevOps approach: Dockers in Blockchain	AMC Engineering College, Bangalore	17th to 21st June 2020	Five days
Cyber Security	Sreyas Institute of Engineering and Technology, Hyderabad	19th to 24th June 2020	Six days
Applications of Machine Learning and Deep Learning	Raj Kumar Goel Institute of Technology, Ghaziabad	24th to 28th June 2020	Five days
Big Data Analytics and Data Visualization	St. Joseph's Institute of Technology, Chennai	28th & 29th June2020	Two days
CS8592-Object Oriented Analysis and Design	Velammal Engineering College, Chennai	29th June to 3rd July 2020	Five days
Future of Education and Research	Syed Ammal Engineering College, Ramanathapuram	29th June to 5th July 2020	Seven days
Cloud Computing With AWS	Mahaveer Institute of Science & Technology, Hyderabad	30th June to 4th July 2020	Five days
Data Handling and Data Visualization using Python	Government College of Engineering, Tirunelveli	6th to 10th July 2020	Five days
Evolving Trends in Communication and Networking	St. Joseph's College of Engineering, Chennai	6th to 10th July 2020	Five days
Recent Trends in Computer Science & IT	Raj Kumar Goel Institute of Technology, Ghaziabad	13th to 17th July 2020	Five days
MATLAB and its Applications in Engineering using Machine Learning & Deep Learning	G Pulla Reddy Engineering College, Kurnool, Andhra Pradesh	13th to 17th July 2020	Five days
Recent trends in Information Technology	St. Joseph's Institute of Technology, Chennai	13th to 18th July 2020	Six days
Artificial Intelligence Applications through Machine Learning	Balaji Institute of Technology & Science, Warangal, Telangana	14th to 18th July 2020	Five days
Effective Teaching Pedagogy	Inderprastha Engineering College, Ghaziabad, Uttar Pradesh	20th to 22nd July 2020	Three days
Contemporary Research Methodology and LaTex for Research Documentation	GSSS Institute of Engineering & Technology for Women, Mysuru, Karnataka	20th to 24th July 2020	Five days
Research Trends In Image Processing With Machine Learning And Deep Learning	G Pulla Reddy Engineering College, Kurnool, Andhra Pradesh	21st to 25th July 2020	Five days
OBM752-Hospital Management	St. Joseph's Institute of Technology, Chennai	27th July to 3rd August 2020	Eight days
Blockchain and its applications	Ajay Kumar Garg Engineering College, Ghaziabad	10th to 14th August 2020	Five days
Computer Networks Simulation using NS2	Mahatma Gandhi Institute of Technology, Hyderabad	10th to 14th August 2020	Five days
Recent Trends in IoT and Cyber Security	St. Joseph's College of Engineering, Chennai	10th to 14th August 2020	Five days
Research Proposal: Writing and Opportunities	Government College of Technology, Coimbatore	6th to 8th January 2021	Three days
Cyber Security	Government College of Technology, Coimbatore	19th to 23rd January 2021	Five days

Advanced Trends in Biomedical Research using Deep learning Techniques	Mepco Schlenk Engineering College, Sivakasi	17th to 21st May 2021	Five days
GE8151-Problem Solving and Python Programming	Madras Institute of Technology, Anna University, Chennai	17th to 22nd May 2021	Six days
CS8791-Cloud Computing	LICET : Loyola-ICAM College of Engineering and Technology	24th to 29th May 2021	Six days
CS8082-Machine Learning Techniques	Sri Sairam Engineering College, Chennai	7th to 12th June 2021	Six days
ATAL-IOT in 5G Technology	Silicon Institute of Technology, Bhubaneswar, Odisha	21st to 25th June 2021	Five days
CS8591-Computer Networks	Madras Institute of Technology, Anna University, Chennai	21st to 26th June 2021	Six days
ATAL -Data Science	Indian Institute of Information Technology, Una	1st to 5th July 2021	Five days
ATAL-Software Testing: Emerging Trends	Manipal University, Jaipur	26th to 30th July 2021	Five days
TN State Govt-Advanced Trends and Applications in Mobile Ad Hoc Networks	Government College of Engineering, Thanjavur	26th to 30th July 2021	Five days
Block Chain and Crypto Currency	Sri Sairam Institute of Technology, Chennai	9th to 13th August 2021	Five days
Deep Learning in Healthcare	Sri Sairam Institute of Technology, Chennai	25th to 29th October 2021	Five days
CS8085- Social Network Analysis	Karpagam Institute of Technology, Coimbatore	20th to 25th December 2021	Six Days
GE8075-Intellectual Property Rights	Loyola-ICAM College of Engineering and Technology, Chennai	27th December 2021 to 3rd January 2022	Six days
5G Wireless Communication Technology	IEEE India Council	28th to 30th July 2022	Three days
Applications of Machine Learning and Deep Learning using MATLAB	Vel Tech Multi Tech Dr. Rangarajan Dr. Sakunthala Engineering College, Chennai	1st to 7th August 2022	Seven days
Amazon Web Services	GMR Institute of Technology, Rajam	22nd to 27th August 2022	Six Days
TN State Govt-Next Generation Cyber Security through Blockchain	Government College of Technology, Coimbatore	19th to 23rd September 2022	Five days
Foundations of Data Science	Dr. G. U. Pope College of Engineering, Sawyerpuram	23rd to 24th September 2022	Two Days
TN State Govt-Integrated Artificial Intelligence(AI) in Data Science and its Applications in Cloud	Government College of Technology, Coimbatore	6th to 10th March 2023	Five days
Emerging Trends in Artificial Intelligent Systems	Jain University	31st March, 1st, 2nd,8th & 9th April 2023	Five days
LaTeX - Migrate to LaTeX from word	Vallurupalli Nageswara Rao Vignana Jyothi Institute of Engineering and Technology	4th to 9th April 2023	Six Days

STTP ATTENDED :

STTP Title	Venue	Date	Duration
AICTE-AQIS Integrative Internet of Things and Deep Learning for Smart Healthcare(Series-I)	KPR Institute of Engineering and Technology, Coimbatore	19th to 24th October 2020	Six days
AICTE-Research Challenges and Applications of Internet of Things (IoT) in Smart Agriculture	Kongunadu College of Engineering and Technology, Trichy	30th November to 5th December 2020	Six days
AICTE- Innovative Teaching and Learning Methods for Inspiring Students	Sagi Rama Krishnam Raju Engineering College, Andhra Pradesh	18th to23rd December 2020	Six days
AICTE- Artificial Intelligence and Applications	Marian Engineering College, Kerala	9th to14th August 2021	Six days
AICTE-ISTE Orientation/Refresher Programme- Medical Data Analytics With Python	Anna University Regional Campus, Tirunelveli	4th to 10th January 2022	Six days

BOOKS AUTHORED:

Title of the Book	Authors	Publishers	ISBN/ISSN if any	Year of Publication
Big Data using Hadoop	Dr. A. V. K. Shanthi, V. V. Sivaramaraju, Dr. S. Sangeetha & Ms. S. Abarna	Scientific International Publishing House	ISBN 978-93-5625-315-5	June 2022
Data Structures and Algorithms	Dr. S. Umadevi, Dr. M. Prakash, S. Rajalakshmi & Ms. S. Abarna	Deccan International Academic Publishers	ISBN 978-81-962206-6-2	March 2023

Publications:

In Journals :

National   : 0

International   :15

In Conferences :

National   : 10
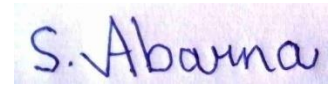
International   : 25

Any other relevant information:

➢ Indian Patent Application No: 202141003159, **"Multiple Layered Communication with Optical Wireless Link using Integrated Wireless Sensor Networks"** 29th January, 2021

- Australian Patent Application No: 2021107057, **"Node discovery mechanism for IoT capillary Networks"** granted for 8 years from 24th August, 2021

DECLARATION

I solemnly, hereby declare that the above-mentioned information is true to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

S. Abarna

Signature of the Faculty