Sri Sai Ram Engineering College

Department of Information Technology

Name: Ms. N,MANGAIYARKARASI		
Designation:	Assistant Professor - Grade III	
Qualification:	M.E, (PhD)	
Area of Specialization:	Free Space Optical Communication	
Experience:	Teaching: 21 Yrs. Industry: -NIL	
No. of workshop / Conferences / FDP attended :	77	
Publication :	Journal National: NIL International: 7 Conference National: NIL International: 9	
Membership :	International Association of Engineers member- ISTE & IEEE	

Workshop / Conferences / FDP attended: 56 / 9/21

PUBLICATIONS

- 1. N.Mangaiyarkarasi, "Real time safety system for women using GSM(HEVERA)", 7th International E-Conference on Latest trends in Science, Engineering and Technology, Karpagam Institute of Technology, 26-27th March 2021, Coimbatore.
- 2. N.Mangaiyarkarasi, Sewer Effluent Gas Monitoring System Using Reconfigurable Architecture, International Conference on Empowering Engineering and Technology (ICEET-20), Parisutham Institute of Technology and Science, March 2020.
- 3. N Mangaiyarkarasi, A. Aruna Devi, "SAR ADC in CMOS for Medical Implant Devices", National Conference on Emerging Trends in Electronics and Communication Engineering (NTECE'19), March 2019 Kings College of Engineering, Punalkulam.
- 4. N. Mangaiyarkarasi, R. Sathyaraj, S. Saran Kumar, J. Tamilselvan, "Detection of Leukemia in Human Blood Samples", International Conference on Emerging Trends in Engineering and Technology (ICETET-2018), March 2018, Pandian Saraswathi Yadav Engineering College, Sivagangai.
- 5. N. Mangaiyarkarasi, A. Ponni, A. Valarmadhi, S. Mohanalalitha, "A mobile airbag system using MEMS sensors", 2nd International Conference on Innovations in Engineering, Technology and Science (ICIETS-2018), K.Ramakrishnan College of Engineering, Trichy, March 2018.
- 6. Gowthaman.A, Mangayarkarasi.N, "Design of Sparse Linear Solver for Real Time Video Processing Applications using FPGA" International Conference on Current Research in Engineering Science and Technology (ICCREST) 2016.
- 7. A.Agasthiya, R.Kavitha, S.Krishnaveni, N. Mangaiyarkarasi, A Low power Multiplier with the spurious Power Technique, International Conference on Current Research in Engineering Science and Technology (ICCREST) 2016.
- 8. Ajeethkumar.V, Mangayarkarasi.N, 'Low Cost Hybrid Solar Car Concept -A Technique that challenges the conventional cars in efficiency and usability', International Conference on Current Research in Engineering Science and Technology (ICCREST) 2016.
- 9. S.Theepika, N.Mangaiyarkarasi, 'Multiple Access Interference cancellation In DS-CDMA Using Iterative Demodulator Architecture', International Conference on Recent Trends in Electronics, Communication and Computational Technologies (ICRTECCT'2015), Organized by Department of ECE, Sri Ramanathan Engineering College, Tirupur., March 2015.

Short term Courses / Seminars /FDP/Workshop/Conference organized(Convener of Below Mentioned Programmes):

S.NO.	RESOURCE PERSON	EVENT DATE	EVENT
	NAME		NAME
2018-19 ODD SEMESTER			
1.	Dr.A.Amirtharajan Professor Sastra University	21.09.17	Symposium
2.	Mrs. Ka. Suryaprabha AP/ECE, AVC College of Engineering.	12.09.18	Workshop on labview
3.	Mr. Mathiyarasan IVTL Infoview, Chennai	25.08.18	Workshop on web development

4.	Mr. Rajasekar, Proprietor, V3 Technologies	02.07.18	Orientation program on "Recent Trends in Electronics and Communication Engineering" and "Career
			opportunitiesin Electronics and Communication Engineering".
		2018-19 EVEN SEME	STER
5.	Dr.S.Krishnakumar, Senior Technical Head, DRDO, Chennai.	15.3.19	National Conference on Emerging Trendsin Electronics and Communication Engineering (NTECE'19)
6.	Er.G. George Nelson ,Georges Tech Solutions, Kumbakonam	08.02.19	Workshop on "CCTV"
7.	Prof. Rominus. Valsalam, Deputy Director, CDAC, Trivandrum.	02.02.19	Guest Lecture on" Research Opportunities"
8.	Evic.A.Hoffmann, Professor, Biomedical Engineering, University of IOWA, IOWA, USA.	01.02.19	Guest Lecture on "Biomedical Image Processing"
9.	Prof. E. Venugopal, Asst. Professor, Sri Eshwar College of Engineering, Coimbatore.	12.01.19	Workshop on "Printed Circuit BoardDesign"
10.	Dr.K.Damodaran,Sr.Con sultant & International Cardiologist, Apollo Hospitals, Chennai.		Workshop on "Biomedical Interventions"
11.	Prof. R. Malathy, Professor ,Dept. of Electronics & Instrumentation Engineering, ,Annamalai University, Chidambaram.	27.02.19 To 28.02.19	Workshop on "Biomedical Interventions"
12.	Dr.S.Shanthi, Professor, Dept. of Electronics & Communication Engineering, Adithya Institute of Technology, Coimbatore.		
13.	Dr.G.Shanthi, Scientist, Manager, Preclinical, MIcrotherapeutics Research Labs, Chennai.	2040 22 022	
	2019-20 ODD		

		SEMESTER		
1.	Dr. Raji Sundarajan Purdue university Indiana, USA	07.08.19	Guest Lecture	
2.	Dr. D .C. Pande Electronics & Radar Development Bangalore	09.08.19	Expert Lecture on Antenna for DefenceApplications	
3.	Dr. E. Sakthivel Dr. M. Arunraja The Silicon Harvest Madurai	16.08.19	Workshop on recent trends in Embeddedsystems	
4.	A. Jeevanandham Asst. Prof/IT Dept	19.07.19	Workshop on IOT using Raspberry pi	
5.	B. Sasikumar American Mega Trends Technology	17.08.19	Guest Lecture on introduction to Biasing	
	2019-20 EVEN SEMESTER			
1.	Mr. R. Ramachandran Former Professor Irrigation Management Training institute, Trichy	24.01.20	Soft Skills	
2.	Mr.D.Vairavan Branch Manager, ETCS, Trichy	30.01.2020	Industrial Automation	
3.	Mr. k.Amirthganesh Director, Armada Industrial Automation, Thanjavur Engineers in future	06.03.2020		
4.	Dr.Arjun K. Majumdar, Full Professor, Colorada University, USA acted as a chief Gueest.	13.3.2020	National Conference on Emerging Trendsin Computing and Communication Technology	
		2020-21 ODD	SEMESTER	
1.	Dr. P. Manimegalai Vairavan Associate Professor at Karunya Deemed University Coimbatore, Tamil Nadu, India	27/05/2020.	"Overview of Machine learning, Deep Learning and natural language processingusing python"	
2.	Dr. V. Sakithivel, NIT, Calicut	27.05.20	Research Trends in Multirate SignalProcessing.	
3.	Mr. A. Jeevanandham Kongu College of Engineering,	20.05.20 & 21.05.20	Accelerate your Internet of Things vision	

4.	Dr. V. Bala	29.06.20	International Webinar on "Amazon
	Dhandayuthapani		WebServices with EC2,EB &S3"
	Professor in Information		,
	technology,		
	Shinas college of		
	technology		
	Sultanate of oman		
5.	Dr. A. Albert Alexander	08.06.20	"Real time System using Arduino"
	Professor, Kongu		
	Engineering College		
6.	Dr. D. Sugumar,	10.06.20	"Modern Antenna Design Challenges
	Professor, Karunya		
	University		
7.	Dr. Anitha Jones Mary	12.05.2020	Design of Solar PV System for Home"
	Puspa		
	Asst Prof/ECE, Karunya		
	Institute of Science and		
	technology	10.06.20	(FCOC Desire Chall "
8.	Dr. K. Prabhu	19.06.20	"FSOC: Design Challenges"
	Asst. Prof/ECE, National		
	Institute of technology,		
0	Suratkal Mr. S.Srinath	1.06.20	"ACHE Mathadalage"
9.		1.06.20	"AGILE Methodology"
	TCS Lead, TCS,Chennai.		
10.	Mrs.S.Sharmila Tagore		Digital Marketing-Analytics
	Data Analyst, Optum		
	Global Solutions, PVT		
	LTD., Bangalore.		
11.	Ms.Vaishnavi Naga		Turning Crisis into Opportunity:
	Pandian, Senior Program		Lessonsfrom COVID-19
	Consultant, PSB Academy,		
4.0	Singapore	06.07.0000	7.1
12.		06.07.2020-	Robotics
	Software Engineer,	10.07.2020	
10	Apple, California	-	Machinalagusina
13.	Mr.A.Athiraja Assistant Prof. Rathinam		Machine learning
	Technical Campus, Coimbatore		
14.		-	19Introduction to Linux containers and
14.	Chandran Sr.DEVOPS		Kubernetes
	Engineer, European		Rubellietes
	Bio		
	Informatics, England.		
15.		01.10.2020	e-Symposium,eBlast-
101	Head, Software	0111012020	ELECTROFESTUM2K20
	Engineering Dept,		
	Kirirom Institute of		
	Technology,Cambodia.		
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16.	Ms. Indhumathi Gunasekaran Assoiciate software Engineer, Accenture, India.	24.11.2020	Women in Engineering	
	2020-21 EVEN SEMETER			
1.	Ms. K. Abirami Project Implementation Manager Tata Communication Limited, Chennai	17.03.21	National Conference on "NCECD"2021	
2.	Dr. A.Kavitha Asso.Professor/CSE UCE, Pattukkottai	09.04.21	Kings Science EXPO21	
3.	Dr.I.Jeo Louis Paul Asso.Professor/IT SSN College of Engineering and tech, Chennai	27.05.21	Webinar on "Role of internet of things incurrent pandemic covid19"	
4.	Mr. A. Senthil kumar Project Scientist, IIT, Chennai	01.06.21	Webinar on "Composite Materials for Automotive Applications & flexible Electronics"	

Reviewer

1. As Reviewer for International Conference on RFCOM is organized at SASTRA University.

Online Courses attended

- 1. Successfully completed NPTEL courses.
- 2. Successfully completed NITTTR modules.
- 3. Successfully completed the online ATAL