


Department of ECE

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

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 NAME	EVENT DATE	EVENT 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 opportunities in Electronics and Communication Engineering”.
2018-19 EVEN SEMESTER			
5.	Dr.S.Krishnakumar, Senior Technical Head, DRDO, Chennai.	15.3.19	National Conference on Emerging Trends in 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 Board Design”
10.	Dr.K.Damodaran,Sr.Con sultant & International Cardiologist, Apollo Hospitals, Chennai.	27.02.19 To 28.02.19	Workshop on “Biomedical Interventions”
11.	Prof. R. Malathy, Professor ,Dept. of Electronics & Instrumentation Engineering, ,Annamalai University, Chidambaram.		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.		
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 Trends in 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 processing using 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 Dhandayuthapani Professor in Information technology, Shinas college of technology Sultanate of oman	29.06.20	International Webinar on “Amazon WebServices with EC2,EB &S3”
5.	Dr. A. Albert Alexander Professor, Kongu Engineering College	08.06.20	“Real time System using Arduino”
6.	Dr. D. Sugumar, Professor, Karunya University	10.06.20	“Modern Antenna Design Challenges
7.	Dr. Anitha Jones Mary Puspa Asst Prof/ECE, Karunya Institute of Science and technology	12.05.2020	Design of Solar PV System for Home”
8.	Dr. K. Prabhu Asst. Prof/ECE, National Institute of technology, Suratkal	19.06.20	“FSOC: Design Challenges”
9.	Mr. S.Srinath TCS Lead, TCS,Chennai.	1.06.20	“AGILE Methodology”
10.	Mrs.S.Sharmila Tagore Data Analyst, Optum Global Solutions, PVT LTD., Bangalore.	06.07.2020- 10.07.2020	Digital Marketing-Analytics
11.	Ms.Vaishnavi Naga Pandian, Senior Program Consultant, PSB Academy, Singapore		Turning Crisis into Opportunity : Lessonsfrom COVID-19
12.	Mr.P.Aravind Preshant Software Engineer, Apple, California		Robotics
13.	Mr.A.Athiraja Assistant Prof. Rathinam Technical Campus, Coimbatore		Machine learning
14.	Mr.Surendhar Ravi Chandran Sr.DEVOPS Engineer,European Bio Informatics, England.		19Introduction to Linux containers and Kubernetes
15.	Mr.K.Dineshkumar, Head, Software Engineering Dept, Kirirom Institute of Technology,Cambodia.	01.10.2020	e-Symposium,eBlast- ELECTROFESTUM2K20

16.	Ms. Indhumathi Gunasekaran Associate 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 in current 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