



1. Name of the Faculty : **Dr. K.Gouthami**
2. Department : **Electronics & Communication Engineering**
3. Faculty Id : **1-3557919973**
4. Designation : **Dean (R&D)Professor**
5. Additional Administration: **Convener MSME, Convener IIC**
6. Years of Experience : **28 Years**
7. Email : **[gouthami11@malinenicolleges.ac.in](mailto:gouthami11@malinenicolleges.ac.in)**  
: **[malineni.ece@gmail.com](mailto:malineni.ece@gmail.com)**
8. DOJ : **13-06-2017**
9. Qualification : **Ph.D.**
10. Phone : **+919948561683**
11. Date of Birth : **11-07-1971**
12. Research activity : **Research supervisor**

**Department of E&IT**  
**Acharya Nagarjuna University**  
**Guntur, Andhra Pradesh.**

**Number of scholars : Two (2)**

S · N o	Scholar Name	Affiliating University	Research Area	Status	Awarded
1	Mrs.D.S.M.Lakshmi	Acharya Nagarjuna University	E&I(Fabrication of Optical Waveguide)	Submitted 2021/7	<b>Awarded</b> 2022/3
2	Mr.Aziumtullah	Acharya Nagarjuna University	Embedded Systems	Pre Ph.D completed	--

13. Areas of Specialization : **Communications**

14. Area of Research : **Optical Modulations and Switching**

Title of Research : **Development of Rotating polarizing Technique to Determine the Phase Transitions, Optical polarization and Electro optic Modulator Properties in liquid Crystals.**

## 15. Funded Projects Filed :6

S. No	PROJECT PROPOSAL	DIVISION	SCHEME	BUDGET	DATE OF SUBMISSION	STATUS
1	Ensemble Machine Learning based drone swarm systems for distributed Agriculture weather Assessment <b>SPG2024/001614</b>	Anusandhan National Research Foundation(ANRF)  Atmospheric Science (Earth & Atmospheric Sciences)	<b>SERB-POWER</b>	24.01L	10-2-2024	<b>Accepted</b> <b>ANRF Level-I</b>  <b>Accepted</b> <b>DST Level-I</b>
2	Autonomous Electrode Dissolution prevention System in Lithium Ion Batteries for Side Reaction Identification And Suppression <b>TPN NO-109993</b> <b>DST/CEST/NEST/2024/2024/31</b>	Climate ,Energy and Sustainable Technology (CEST)	NEW AND EMERGING ENERGY STORAGE TECHNOLOGIES ( <b>NEST</b> ) DST	24.00 L	3-6-2024	Under processing
3	Deep Reinforcement Learning Algorithms based Dynamic Threat Assessment and Countermeasures in Anti-Drone Technology"	Information Technology (IT)	Ministry of Electronics and Information Technology( <b>Meit Y</b> ), New Delhi	26.99 L	22-3-2024	Under Processing
4	Block chain based Deepfake Detection and forensic precision for Unmatched defense against online harassment <b>SUR2023/000791</b>	Anusandhan National Research Foundation (ANRF)  Electrical Electronics & Computer Engineering (Engineering Sciences)	<b>SERB-SURE</b>  State University Research Excellence	28.65 L	29-11-2023	processing
5	Deep Reinforcement Learning Algorithms based Dynamic Threat Assessment and Countermeasures in Anti-Drone Technology"	Cyber Security R&D (CSRD)	Ministry of Electronics and Information Technology( <b>Meit Y</b> ), New Delhi	26.99 L	22-3-2024	<b>REJECTED</b>  Suggested that relevant to various other groups

## 16. AICTE-ATAL Fdps filed:

2025	2024	2023
1	2	1

## 17. Text Books/Book Chapters: 4/1

S.N O	TITLE OF TEXT BOOK/BOOK CHAPTER	ISBN NO	YEAR	PUBLISHER	FLIP CART LINK
1	Quantum Computing Models for Cyber security and Wireless Communication Systems,	978-1-394-27139-9	2025	Wiley	<a href="https://www.wiley.com/en-in/Quantum+Computing+Models+for+Cybersecurity+and+Wireless+Communications-p-9781394271399">https://www.wiley.com/en-in/Quantum+Computing+Models+for+Cybersecurity+and+Wireless+Communications-p-9781394271399</a>
2	Satellite Communication	978-93-6132-971-5	2024	Scientific International Publishing House (Sip)	<a href="https://Sipinternationalpublishers.Com/Product-Detail.Php?Pid=Mjmymg==">https://Sipinternationalpublishers.Com/Product-Detail.Php?Pid=Mjmymg==</a>
3	Fundamentals of Ai &MI	978-93-6132-416-1	2024	Scientific International Publishing House (Sip)	<a href="https://Www.Flipkart.Com/Fundamentals-Ai-L/P/itm13ca135b3ad38?Pid=9789361324161">https://Www.Flipkart.Com/Fundamentals-Ai-L/P/itm13ca135b3ad38?Pid=9789361324161</a>
4	Electronic Devices and circuits	978-81-9536-938-6	2021	South Asian Academic Publications	
5	Data Communication and Computer Net Works	978-81-947404-5-2	2021	Indigenous Publications	

## 18. Patents : 6

No.	Patent Application No.	Status of Patent (Published / Granted)	Title of the Patent	Patent Type	Country	Patent Published Date / Granted Date (DD/MM/YYYY)	Patent Publication Number / Patent Granted Number	Here, attach Source Proof Screenshots/URL/ Website Links, etc.
1	46103	Published	Ensemble Machine Learning Based Drone Swarm System For Distributed Agriculture Weather Assessment	Utility/publication	INDIA	05-04-2024	2024/41023814A	<a href="https://ipindia.gov.in/journal.htm">https://ipindia.gov.in/journal.htm</a>
2	6337297	Granted	Ai Based Humanoid Robot For Surveillance And Security	Design	UK	15-01-2024	6337297	<a href="https://www.registered-design.service.gov.uk/find/6337297">https://www.registered-design.service.gov.uk/find/6337297</a>
3	6337993	Granted	Ai Enabled Instrument For Molecular Docking And Drug Design	Design	UK	15-01-2024	6337993	<a href="https://www.registered-design.service.gov.uk/find/6337993">https://www.registered-design.service.gov.uk/find/6337993</a>
4	41020032	published	Fabrication and haracterization of Integrated ptical polarizer for sensor Applications	Utility/publication	INDIA	7-5-2021	41020032	
5	410455543	Published	Method and system forproviding optimal agricultural planting using internet of things (IoT)	Utility/publication	INDIA	5-11-2021	410455543	
6	20703	Granted	Fabrication and Characterization of Integrated Optical Polarizer for sensor Applications.	Copy right	INDIA	5-11-2021	20703	

## 19. Memberships

1. Indian Society for Technical Education (ISTE), (LM)
2. Institution of Electronics and Telecommunication Engineers (IETE), New Delhi, (M 233251)
3. Instrument Society of India. (ISOI) (LM1764)
4. International Association of Engineers (IAENG), Hong Kong, (M 225059)
5. Society of Digital Information and Wireless Communication (SDWIC), USA (32186)
6. Universal Association of Computer and Electronics Engineering (UACEE) ( )
7. Computer Science Teachers Association (CSTA), USA (M)
8. Internet Society (2234406)
9. IIRM (089) LM
10. National Digital Library of India (NDLI) Club Member

## 20. Awards: 1. Certified Ambassador from MHRD Innovation cell.

2. Best Teacher award for the academic year 2010-2011 at Vignan's Nirula
3. Excellent Teacher award for the academic year 2011-2012 at Vignan's Nirula

## 21. Certificate courses : 1. Microsoft certification

2. NPTEL certifications
3. Certified Innovation Ambassadors from 2019

## 22. MSME Projects filed under HI

S.NO	PROJECTS APPLIED to MSME HACKATHON 4.0 from HI -2024	NUMBER OF PROJECTS APPLIED	Year	LEVELS COMPLETED FIRST LEVEL AT HI	FUND VALUE	STATUS
1	MLEW HI	51	2024	I (35)	15.0 L	PROCESSING

## 23. ARTICLES PUBLISHED

S.NO	TITLE OF THE ARTICLE	NAME OF THE JOURNAL	ISSN	VOL,ISSUE	STATUS
1	Changing contours in Engineering education in the State of Andhrapradesh.	JOURNAL OF HIGHER EDUCATION (AIU)	0566-2257	Vol-62 No-18	<b>PUBLISHED</b>
2	Internship In Engineering Education-Some Issues Of Concern.	JOURNAL OF HIGHER EDUCATION (AIU)	-	-	About to publish

## 24. TRAINING PROGRAMMES

S.NO	NAME OF THE TRAINING	LEVEL	STATUS
1	CURRICULAM WORKSHOP	EFFTRONICS IL &IETE	COMPLETED
2	INNOVATION AMBASSADOR	FOUNDATION LEVEL	COMPLETED
3	INNOVATION AMBASSADOR	ADVANCED LEVEL	COMPLETED
4	INNOVATION AMBASSADOR	RESKILLING LEVEL	COMPLETED
5	I&E EXPOSURE VISIT CUM TRAINING PROGRAM	VARDHAMAN COLLEGE OF ENGINEERING 7-6-2024 TO8-6-2024	COMPLETED

25. Papers Published : JOURNALS: 41

CONFERENCES: NATIONAL /INTERNATIONAL: 11

### Paper publications: Details: 41

Sl. No	Title of the Paper	Authors	Name of the Journal/Conference	Year of publication	Volume / Issue/ Page No.	ISSN No	SCI/ESCI/ SCOPUS/ UGCC
1	Progressive cyclic AI Convolutions Neural network for Embedded vision based internet of things using VLSI.	Dr.K.GOUTHAMI	Journal of Expert System with Applications(ELSEVIER) ESWA-D-24-03584	2025			SCI About to Publish)
2	Design and Implementation of an optimized Wide-band Antenna for underwater communications	Dr.K.GOUTHAMI	Wireless Personal communications(SP RINGER) WIRE-A-24-02881T6	2025			SCI(About to Publish)
3	Blockchain based Deepfake Detection and Forensic Precision for Unmatched Defense against Online Harassment Detection and Forensic Precision for Unmatched Defense against Online Harassment.	Dr.K.GOUTHAMI	Quantum Computing Models for Cyber security and Wireless Communications, Wiley-Scrivener pub	2025	219-226	978139427139/142	Scopus
4	Novel approach to Bluetooth Communication in Bipedal Robot for Humanoid Workout Mobility	Dr.K.GOUTHAMI	Journal of Engineering and Technology Management (2024	2024	73 Pp:157-165	1879-1719	Scopus
5	Revolutionizing power Point Presentations with AI Hand Gesture Integration Technology	Dr.K.GOUTHAMI	Tanz Journal	2024	19/07/42-50	1869-7720	Scopus
6	Innovative Approaches in Sign Language Recognition Using Deep Learning Algorithms	Dr.K.GOUTHAMI	Bulletin For Technology And History(BTH)	2024	24/07/59-67	0391-6751	Scopus

7	Design and Implementation of a Highly Articulated 17-DOF Bipedal Robot with Arduino Control	Dr.K.GOUTHAMI	Tanz Journal	2024	19/07/146-156	1869-7720	Scopus
8	Design And Implementation Of Server Less Web Applications Utilizing API Gateway	Dr.K.GOUTHAMI	Journal of Computer Science	2024	17/09/116-124	1719-1441	Scopus
9	Design And Implementation Of Server Less Web Applications Utilizing API Gateway.	Dr.K.GOUTHAMI Dr. Chiluka Ramesh	Design Engineering	2021/8	Page No: 11239 – 11250	0011 - 9342	Scopus
10	Chilli leaf Diseases Detection and Classification using Various Algorithms	Dr.K.GOUTHAMI Dr. U. Suneetha	Design Engineering	2021/8	Pages: 11251 - 11257	0011 - 9342	Scopus
11	High Index Low Loss Lithium Niobate Double Exchanged Waveguides	Dr.K.GOUTHAMI D.S.M Lakshmi	Design Engineering	2021/7	Pages: 16000 - 16004	0011 - 9342	Scopus
12	Fabrication Techniques of Lithium Niobate Wave guides	DSM.Lakshmi Dr.K.Gouthami	Aut-Aut Research Journal	2021/6	Vol-xii, Issue-I	0005-0601	UGCCG2
13	A Low Power Binary Square Rooter using Reversible Logic and Modified Non-Restoring Algorithm	Dr.K.Gouthami T venkat Rao	Design Engineering	2021/3	Page no : 887-893	0011-9342	Scopus
14	Wireless Emergency Telemedicine system for patients Tracking	Dr.K.Gouthami Dr.S. Suryanarayana	Design Engineering	2020/11	Page no : 1019 - 1030	0011 - 9342	Scopus
15	A Cloud based Risk Prediction of Coronary Heart Disease	Dr.K.Gouthami Dr.P.Nageswara Rao	Design Engineering	2020/11	Page No: 1011 - 1018	0011 - 9342	Scopus
16	A Compact Design of Wi-MAX Application for CPW Based fed Koch Fractal Antenna Slot	Dr.S. Suryanarayana Dr.K.Gouthami	Design Engineering	2020/12	Page No; 1152 – 1158	0011 - 9342	Scopus
17	High Speed GDI based hybrid full adder Circuit using CMOS logic for Energy Efficiency	Shaik Nagurbi Dr.K.Gouthami	Alochana Chakra Journal	2020/7	Volume -IX, Issue-VII 1034-1042	2231-3990	UGCG-1
18	SFNB – sensor Data Optimized by Fuzzy – Neuron with Bat computation based Machine Learning Routing Enabled in Wireless Network	Dr.S. Suryanarayana Dr.K.Gouthami	Design Engineering	2020/3	Pages : 831-841	0011 - 9342	SCOPUS
19	Simulation of Signal Processing Scheme for Fiber Optic Rotational Sensor	G. Siva Sravani, K.Gouthami, K. Sai Mounika, J.Chandra Sekhar	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019/4	Volume -8, Issue-6S4	2278-3075,	Scopus
20	Designing of Sleep Quality Meter	Suneetha Uppala, K.Gotuhami	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019/4	Volume -8, Issue-6S4	2278-3075	Scopus
21	A Novel Inter Digital Filtenna Structure with Dumb Bell Shaped and CSRR Defects in Ground for S-Band and ISM 2.4 GHz Band Applications	Dr.K.Gouthami Dr.S. Suryaananarayana	Design Engineering	2019		0011 - 9342	Scopus
22	Optical Properties of Chromium Nano Coated Films	D.Lakshmi, K.Gouthami	International Journal of Innovative Technology and Exploring Engineering(IJITEE)	2019	Volume -8 Issue-654 593-595	2278-3075	Scopus

23	High Performance True Single Phase Clocked 5-Transistors D-Flip Flop	K. Sai Mounika Venkata Rao Tirumalasetty Dr. K. Gouthami	International Journal of VLSI System Design and Communication Systems(IJVDOS)	2019/1	Volume -7 43-47	2322-0929	UGCC
24	Design of area efficient memory cell Array	Movva Keerthi Manogna, K. Gouthami	Journal of Applied science and Computations(JASC )	2019/6	Volume -VI Issue-VI 2637-2642	1076-5131	UGCC
25	A Web Based Scada System For A Processing Industry	K.Haribabu Dr.K.Gouthami Dr.P.Nageswara rao	JASC: Journal of Applied Science and Computations	2019/4	Volume VI, Issue IV,	1076-5131	UGCC
26	Deposition, Structural and optical Properties of Titanium Thin Film on Lithium Niobate Substrate	DSM.Lakshmi, Dr.K.Gouthami	International Journal of Management, Technology and Engineering	2019/3	volume IX Issue-III	2249-7455	UGCC
27	Design a Novel FFT for Fault Tolerant Razor Flip Flop	P.Lakshmi Dr.K.Gouthami	International journal of research	2018/6	Vol-5 Issue-16 1431-1434	p-2348-795X e-2348-6848	IJ
28	Fabrication and characterization of Integrated Optical Polarizer for Sensor Applications	Dsm.lakshmi,Dr.K .Gouthami	Anveshana International journal of Researchin engineering and applied Science	2018/10	vol-3 issue-10	2455-6300	UGCC
29	Design and Implementation of Histogram Estimation Architectures for 8X8 Image	Dr.K.GOUTHAMI Dr.P.Nageswara Rao	Journal of Cardiovascular Disease Research	2018/1	Volume -9	0975-3583, 0976-2833	Scopus
30	Study of Optical Switching Characterstics in Nano Doped Liquid Crystal	Dr.K.Gouthami Dvn.Sukanya	IEEE	2016/4	Vol-4/ Issue-16	978-1-4673-8975	IEEE
31	Design and Development of Photo Acoustic Spectrometer with Diode Laser	Dr .K.Gouthami, K.Nalini, D.V.N.Sukanya, D.Jagadeesh	International Journal of Applied Engineering Research	2014	Vol- 9, issue-24	0973-4562	Scopus
32	Study of Optical Modulation in Nano Doped LiquidCrystal using Rotating Polarization Technic	Dr.K.Gouthami	IEEE	2016/1	Vol-1/ Issue-16	978-1 -4673-7832	IEEE
33	Cloth Pattern Recognition with Four Features (RSSM)	N Durga Rao, Dr.G Sudhavani, P .Balakrishna, Dr. K Gouthami	IEEE	2015	Vol-0/ Issue-15	978-1 -4673-6708	IEEE
34	Design and implementation of Vedic Multiplier with adaptive hold logic	A.Pravallika, Dr.K.Gouthami	International Journal Of Computer Engineering In Research Trends	2015/1	VOLUM E 2, ISSUE 10, 663-668	2349-7084	Scopus

35	LDPC Encoder and Decoder Architecture for coding 3-bit Message Vector	Gade Sribala1, D.V.N. Sukanya1, K.Gouthami1 and Tai-hoon Kim2	International Journal of Security and Its Applications	2015	Vol.9, No.10 pp.21-30	1738-9976	Scopus
36	Wireless Sensor Network Based Remote Environmental Conditions Monitoring system with GPRS	Shaik.Rehana Sutana1, P.Bala Krishan1, K.Gouthami1 and Tai-hoon Kim2	International Journal of Control and Automation	2015	Vol.8, No.10 pp.73-80	2005-4297	Scopus
37	Data Compression Techniques in Modern Communication networks for Enhance Bandwidth Utilization	P.Nageswara rao Dr.I.Ramesh babu K.Gouthami	Georgian Electronic Scientific Journal, Computer Science and Tele communications.	2009	Vol-2 Issue-19		IJ
38	Accurate Method for the Determination of Phase transitions in liquid crystals with photo acoustic Technique.	S.Lakshminarayana, K.Gouthami	mol.Crystals.Liq. Crystals	2009	vol-511 issue-50	1542-1406	SCI
39	New Compression Algorithms for Image in Modern Communication Networks and Data Storage Systems"	P.Nageswara rao Dr.I.Ramesh babu K.Gouthami	International Journal of Computer Science and Network Security (IJCNS)	2008/5	vol-8 issue-5		IJ
40	wan cloud access link utilizations for compressed video	Dr.P.Nageswara rao, Dr.I.Ramesh babu, K.Gouthami	Journal Of Theoretical and Applied Information Technology	2008/8	vol-4 issue-8		IJ
41	Designing a PAS for the determination of phases in $\text{KNO}_3$	S.Lakshminarayana, K.Gouthami	journal of Instrumentation	2007			NJ

### Papers published in International /National Conferences: 11

Sl. No	Title of the Paper	Authors	Name of the Journal/ conference	Year of Publication	Association	Page No.	International/ National
1	Blockchain based Deepfake Detection and Forensic Precision for Unmatched Defense against Online Harassment.		International conference on Advances in Communications, Computing and Electronic Systems	2024/4	Scrivener Publishing	221-228	International
2	Surface Morphology of chromium and titanium nano films deposited by E- Beam Evaporation method	Dr.K. Gouthami	The International conference on Science, Engineering and Technology Virtual Conference : Google meet	2021/08	IIRM - SDT	1	International
3	Deposition of Titanium nano films and its optical characteristics	Dr.K. Gouthami	The International conference on Science Engineering and Technology Virtual Conference Google meet	2021/08	IIRM - SDT	1	International
4	Optical Switching Characteristics in Nano Doped Liquid Crystal	Dr.K. Gouthami	Thirteenth International Conference on Wireless and Optical Communications Networks	2016	WCON		International



5	Modulation in Nano Doped Liquid Crystal using Rotating Polarization Technic presented	Dr.K. Gouthami	IEEE sponsored 3rd international conference on electronics and communication systems	2016	(ICECS)		International
6	Cloth Pattern Recognition With four Features (RSSM)	Dr.K. Gouthami	IEEE Sponsored International Symposium on Advanced computing and communication.	2015	ISACC		International
7	A Video Watermarking Technique Using Discrete Cosine Transform	Dr.K. Gouthami	International conference on navigational Systems & signal Processing Applications.	2013	ANU		International
8	XML Implications for annotated Corpora	Dr.K. Gouthami	13 <sup>th</sup> International conference of International Academy of Physical Sciences.	2011	CONIAS-XIII		International
9	Speech Processing Using MPEG	Dr.K. Gouthami	The International conference on RF & signal Processing (RSPS) 2010, IEEE.	2010	IEEE & KLU	RSP-5	International
10	Identification of phases in 50BA Liquid crystal using Photo acoustic technique	Dr.K. Gouthami	The International Liquid Crystal conference (ILCC)	2008	(ILCC)	PHA_10 09	International
11	Designing a PAS for the determination of phases in KNO <sub>3</sub>	Dr.K. Gouthami	National Symposium (NSI-31) conducted by the Department of Instrumentation,	2006	NSI-31	IISC	National

## 26. WORKSHOPS / FDP's/ STTP attended

**Total Workshops, FDP & STTPs attended: 78**

S.No	Title of the Program	Date		No. of days	FDP/ Webinar/ Training	Association	MODE
		From	To				
1	Emerging VLSI and Antenna Technologies for secure communication in Defense systems and Enhanced radiation Protection in Space Environments	3-2-2025	8-2-2025	6	FDP	ATAL/GITAM	Online
2	Systems Engineering Summit	23-01-2025	24-01-2025	2	AWARENESS	SRM/EFTRO NICS/CII/INCOSE/IEEE	Offline
3	VLSI Design for Defense Applications	9-12-2024	14-12-2024	6	FDP	ATAL/GMRIT	Online

4	Unlocking Innovations with Blockchain and Generative AI	2-12-2024	7-12-2024	6	FDP	ATAL/VVIT	Online
5	Communication, Signal Processing and recent technologies for different applications	22-10-2024	28-10-2024	6	FDP	BIT,MTT-S	On Line
6	Wireless Sensor Network based Agriculture system using Machine Learning	11-11-2024	16-11-2024	6	FDP	ATAL	Off line
7	Building Web Development Solutions with Cloud Computing	09-12-2024	13-12-2024	6	FDP	Edunet	Off line
8	Drone Summit	22-10-2024	23-10-2024	2	AWARENESS	AP GOVT	Offline
9	IP Awareness/Training program	18-9-2024	18-9-2024	1	Training	NIPAM	Online
10	IP Awareness/Training program	26-04-2024	26-04-2024	1	Training	NIPAM	Online
11	Innovation Ambassador RS	02-07-2024	31-08-2024	60	Training	MoE/ MHRD	Online
12	Innovation Ambassador AL	20-06-2024	01-07-2024	12	Training	MoE /MHRD	Online
13	Innovation Ambassador FL	01-07-2024	01-07-2024	1	Training	MoE /MHRD	Online
14	Impact of AI: Robotics, VLSI and Medical Domain	22-04-2024	27-04-2024	6	FDP	VVIT	Online
15	Data visualization Using Tableau	01-04-2024	05-04-2024	6	FDP	EXCELR/MBU	Online
16	Tuning Electric and Dielectric Properties Of Nano Thin Film Devices Through Material Science Engineering	29-01-2024	3-02-2024	6	FDP	ATAL	Off line
17	MIMO Antennas For 5G Communications	26-06-2023	30-6-2023	5	FDP	KHIT	Offline
18	Recent Advances in Electronics and Communication Engineering	21-08-2023	26-8-2023	6	FDP	VNITSW	Online
19	Emerging Trends in VLSI Device, Circuit & System Design - A Practical Approach	09-11-2023	11-11-2023	3	FDP	RVR	Online
20	Curriculum workshop	17-11-2023	19-11-2023	3	FDP	Efftronics/IET E	Offline
21	Road map and action plan for EISCs in AP	09-06-2023	09-06-2023	1	TRAINING	APSGHE/VIT	Offline
22	One Week FDP On Blockchain Technology	27-03-2023	02-04-2023	6	FDP	MLEW	Offline

23	Augmented Reality and Virtual Reality (Phase-1)	26-7-2021	31-7-2021	6	STTP	AICTE,MVGR	Online
24	One Week Online National Level FDP on “Outcome Based Education”	21-06-2021	25-06-2021	7	FDP	KHIT Guntur	Online
25	Three Weeks International FDP on “Research Perspectives on AI, ML, Data Science & IoT	17-05-2021	05-06-2021	21	International FDP	KL University, Vijayawada	Online
26	Deep Learning for Computer vision Medical applications	22-03-2021	27-03-2021	6	STTP	AICTE&NEC	Online
27	Pre-Incubation and Incubation Management	06-02-2020	07-02-2020	2	IIC Innovation Ambassador Training series	MHRD,IIC	Off line
28	Innovation, IPR, Entrepreneurship, and Startups	28-04-2020	22-05-2020	26 (17)	IIC on line Sessions	IIC of MHRD's Innovation Cell, New Delhi	Online
29	Importance of accreditations NAAC,NBA	09-05-2020	09-05-2020	1	Webinar	MHRD Innovation cell	On line
30	Leadership Talk With Dr. Pramod Chaudhari, Founder, Chairman, Praj Industries Limited	16-05-2020	16-05-2020	1	Webinar	MHRD Innovation cell	On line
31	5G as an Enabler in digital transmission	18-05-2020	18-05-2020	1	Training series	ICT academy	On line
32	Global mega trends, Technologies & Covid- 19 Impact Sectors	19-05-2020	19-05-2020	1	Training series	ICT academy	On line
33	Building skills in Robotic process Automation	20-05-2020	20-05-2020	1	Training series	ICT academy	On line
34	Future Of AI	20-05-2020	20-05-2020	1	Webinar	Pan Tech, IETE	On line
35	Advanced Python programming using Django	21-05-2020	25-05-2020	5	FDP	Data Point, MLEW	On line
36	Beyond Covid –Leading through Change	21-05-2020	21-05-2020	1	T-series	ICT academy	On line
37	Next generation of Block chain	22-05-2020	22-05-2020	1	T-series	ICT Academy	On line
38	Networking & Cyber Security	23-05-2020	27-05-2020	5	FDP	Supraja Technologies ,IETE-Vij, MPES	On line
39	Prospects in Security and Privacy with Emerging technologies	25-05-2020	30-05-2020	7	FDP	SVEC	On line
40	Embedded Systems	25-05-2020	06-06-2020	12	FDP	APSSDC	On line
41	Embedded Systems	25-05-2020	06-06-2020	12	FDP	APSSDC	On line
42	Innovative Trends in Data analysis	26-05-2020	30-05-2020	5	FDP	Codegnan	On line

	with AI					,MLEW	
43	Artificial Intelligence	29-05-2020	29-05-2020	1	Webinar	Microsoft- ,Hyderabad, MLEW	On line
44	Post Covid-19 Science And Technology	29-05-2020	29-05-2020	1	Webinar	SRM, The Hindu	On line
45	Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History)	30-05-2020	30-05-2020	1	Webinar	MHRD Innovation cell	On line
46	Internet of things and artificial intelligence	01-06-2020	06-06-2020	7	FDP	KLU	Online
47	Best Practices in Operations and maintenance of Solar power plants	03-06-2020	03-06-2020	1	Training program	BVRIT	Online
48	Recent advancements in Image Processing &lot	03-06-2020	05-06-2020	3	FDP	LIMIT	Online
49	Leadership talk with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design)	06-06-2020	06-06-2020	1	Webinar	MHRD Innovation cell	Online
50	Technologies for health care	08-06-2020	10-06-2020	3	FDP	GMRIT	Online
51	Innovation-A perennial Imperative for startups	11-06-2020	11-06-2020	1	National webinar	GATES	Online
52	Shri R Subrahmanyam, IAS (Secretary Ministry of Social Justice & Empowerment)	13-06-2020	13-06-2020	1	Webinar	MHRD Innovation cell	online
53	Leadership Talk with Mr. Shridhar Venkat, CEO (Akshay Patra Foundation)	20-06-2020	20-06-2020	1	Webinar	MHRD Innovation cell	Online
54	Applications of Image processing	14-07-2020	18-07-2020	5	FDP	NCCR, ministry earth Sciences Gol, SJCE	Online
55	Quality Education through OBE	13-7-2020	17-07-2020	5	FDP	AICTE ,Vardhaman	Online
56	Image Processing and Computer vision –Industrial Scope	08-07-2020	12-07-2020	5	FDP	TCS,MLEW	Online
57	Wireless communication Technologies for IOT	27-07-2020	07-08-2020	15	FDP	E&ICT, MeitY, IITG	Online
58	Online Learning and Student Engagement Techniques	02-08-2020	02-08-2020	1	Webinar	ICFAI,IBS	online
59	Artificial Intelligence using Python	14-09-2020	19-09-2020	6	FDP	Braino vision Solutions Pvt.ltd.	online
60	Antenna Design and analysis using mathematical solvers	29-10-2020	03-11-2020	5	AICTE-ST	AITAM	Online
61	Internet of things	18-11-2019	23-11-2019	6	FDP	APSSDC,MLEW	Off line
62	VLSI Design: Bridging concepts to practice	28-11-2020	3-12-2020	7	AICTE-STTP	KITSW,AICTE	Online
63	Pursuit of excellence: Institution Building	12-12-2020	12-12-2020	1	webinar	SRM university	Online
64	IoT boot camp	22-08-2019	28-08-2019	7	Training	Madblocks	Off line

65	IoT Hackthon	10-09-2019	11-09-2019	3	training	Madblocks	Offline
66	VLSI Design Using Mentor graphics	7-11-2019	9-11-2019	3	FDP	KITS,COREL TECH	Off line
67	NPTEL IIT Madras	7-12-2018	7-12-2018	1	Webinar	R V R & JC college of engineering (A) Guntur	
68	Communication Technologies &applications	22-6-2016	2-7-2016	11	FDP	E&ICTAcadem y,NIT Warangal,	Off line
69	Bio – Signal Processing & Measurements and Computing Everywhere	26-11-2015	28-11-2015	3	FDP	Vignan's Foundation for Science, Technology and Research, Vadlamudi, Guntue	Offline
70	E-classes by (CoEeRD) JNTU Kakinada	26-8-2014	26-8-2014	1	Orientation Program	KITS , Vinjanampad u	Off line
71	MATLAB and Simulink for Enquiring Education	13-9-2012	13-9-2012	1	Seminar	Vijayawada	Offline
72	Broad Brand communication technology and Standard	7-1-2010	7-1-2010	1	International Conference	KLU, IEEE	Offline
73	Communications and digital signal processing a Research	28-6-2008	29-6-2008	2	Workshop	Vignan's Engineering College	Off line
74	"Embedded Systems"	23-8-2008	29-8-2008	6	Workshop	P.V.P Siddhartha	Off line
75	"Embedded System's Education"	3-1-2007	5-1-2007	3	Workshop	Acharya Nagarjuna University,	Off line
76	Building a smart device with Amazon Alexa			1	webinar	Mad blocks, Ignite	On line
77	Leadership Talk Series Session with Mr Mahesh Babu CEO Mahindra Electric Mobility			1	Webinar	MHRD Innovation cell	On line
78	IOT and Nano Bio Sensors		2015	6		Vignan University, Vadlamudi	Off line

**27. CONSULTANCY PROJECTS:**

S. No	Project Title	Funding Agency	Technical Status	Financial Status		Duration and Year of Initiation	Expected date of Completion
				Project outlay	Expenditure to date		
1	IoT -Enabled Aqua culture Monitoring System	HackBoats 203,Lake view Apartment, Pragathi Nagar,Hyderabad-90,Telangana State	On going (70%Completed)	Rs.1.30 L	0.57 L	2024-2025	April -2025
2	Development and improvement of Fire Fighting Project Models	HackBoats 203,Lake view Apartment, Pragathi Nagar,Hyderabad-90 Telangana State	Completed	Rs.1.01L	Rs.1.01L	2023-2024	completed
3	Farm animal Location Tracking Systems	Supraja Technologies d.no:11-9-18,1 Floor, Majjivari Street,Kothapeta,Vijayawada Andhrapradesh-520001	Completed	Rs .1.0 L	Rs .1.0 L	2021-2022	completed
4	Water and Air quality check using IoT	Data point Private Limited 635RT, Above Exide power center, Near community hall. S.R.Nagar , Hyderabad - 38 Telangana State	Completed	Rs.1.75 L	Rs.1.75 L	2019-2020	completed
5	Originality check of Revenue Documents using IoT	Mad Blocks Pvt, Limited Peacock Junction, Pragathi Nagar, Hyderabad, Telangana - 500090	Completed	Rs 2.85L	Rs 2.85L	2018-2019	completed

**28. Any other Information:**

Editorial board member for International Journal of [Multidisciplinary Engineering in Current Research](#)

**Signature of Faculty**