RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE

(Approved by AICTE, Affiliated to JNTUA. An ISO 9001: 2015 Certified Institution)

NH-16, Kadanuthala, Bogole Mandal, Kavali- 524 142, S.P.S.R. Nellore, Andhra Pradesh.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACUALTY ACHIEVEMENTS

BOOKS, CHAPTERS & CONFERENCES

Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the Conference	National/ International	Year of publication	ISBN/ISSN number of the proceeding	Whether at the time of publication Affiliating Institution Was same Yes/NO	Name of the publisher
1	Dr.N.Krishna Chaitanya		Entropy Based Spectrum Sensing in Cognitive Radio	International Conference on Advancements in sustainable Technology (ICAST-2021)	International Conference on Advancements in sustainable Technology (ICAST-2021)	International	2021	978-93-92105-19-7	RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE	IFERP
2	Dr.N.Krishna Chaitanya	Layered Architecture and Issues in 6G		Future Trends in 5G and 6G: Challenges, Architecture, and Applications		International	2021	978-1003175155	RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE	CRC Press (Scopus Indexed)

3	Dr.N.Krishna Chaitanya	A Handbook on electronics				International	2018	1644296705	PBRVITS, KAVALI	Notion Press
4	Dr.N.Krishna Chaitanya	Industrial Electronics				International	2019	1684664233	PBRVITS, KAVALI	Notion Press
5	Dr.N.Krishna Chaitanya	Industrial Electronics				International	2021	6204208853	RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE	Lambert Academic publishing
6	Dr.N.Krishna Chaitanya	Electronic Devices & Circuits				International	2022	979-888606092-8	RAMIREDDY SUBBARAMI REDDY ENGINEERING COLLEGE	Notion Press
7	Mrs.P.Saritha		Design of PIFA antenna with metamaterial superstrate at 2.4 Ghz using HFSS	IEEE: 2017 International Conference on Communication and Signal Processing (ICCSP)	IEEE: 2017 International Conference on Communication and Signal Processing (ICCSP)	International	2017	978-1-5090-3800-8	NIT Agartala	IEEE

JOURNALS

S. No.	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publica tion	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number		Is it listed in UGC Care list/Scopus/ Web of Science/othe r, mention
							Link to website of the Journal	Link to article/paper/abstract of the article	
1	Image Hiding in an Image Using Labview	N. Krishna Chaitanya	ECE	TEST Engineering and Management	2020	0193-4120	https://www.testmagzine.biz/index.php/testmagzine	https://www.testmagzine.biz/index.php/testmagzine/article/view/10270	Scopus
2	AlgorithmSimple And Efficient Data Encryption	N. Krishna Chaitanya	ECE	INTERNATIONAL JOURNAL OF SCIENTIFIC & TECHNOLOGY RESEARCH	2019	2277-8616	https://www.ijstr.org/	https://www.ijstr.org/final-print/dec2019/Simple-And-Efficient-Data-Encryption-Algorithm.pdf	scopus
3	Improved Adaptive Multipath Routing for Congestion Control	N. Krishna Chaitanya	ECE	Jour of Adv Research in Dynamical & Control Systems	2018	1943-023X	https://www.jardcs.org/	https://www.jardcs.org/backissues/abstract.php?archiveid=5505	scopus
4	Traffic Aware Congestion Control Priority Based Efficient Adaptive Multipath Routing in Wired Networks with New Queuing Technique	N. Krishna Chaitanya	ECE	Wireless Personal Communications	2018	1572-834X	https://www.springer.com/journal/11277	https://www.springerprofessional.de/en/traffic-aware-congestion-control-priority-based-efficient-adapti/16155444	web of science

5	A NEW QUEUING TECHNIQUE IN ADAPTIVE MULTIPATH ROUTING FOR CONGESTION CONTROL WITH PACKET PRIORITY IN WIRED DATA NETWORKS	N. Krishna Chaitanya	ECE	International Journal of GEOMATE	2017	2186-2990	https://www.geomatejournal.com/	https://geomatejournal.com/geomate/article/view/1235	scopus
6	Removal Of Salt And Pepper Noise Using Advanced Modified Decision Based Unsymmetric Trimmed Median Filter In Colour And Gray Scale Images	N. Krishna Chaitanya	ECE	INTERNATIONAL JOURNAL OF INNOVATIVE TECHNOLOGY AND RESEARCH	2016	2320 –5547	http://www.ijitr.com/	http://www.ijitr.com/index.php/ojs/article/view/1446	UGC
7	Load distribution using multipath-routingin wired packet networks: A comparativestudy	N. Krishna Chaitanya	ECE	Perspectives in Science	2016	2213-0209	https://www.sciencedirect.com/science/article/pii/	https://www.sciencedirect.com/science/article/pii/S2213020916300581?via%3Dihub	UGC

	Title	Author	Dept	Journal	Year	ISSN	URL	URL	Index
8	An Implementation of Adaptive Multipath Routing Algorithm for congestion control	N. Krishna Chaitanya	ECE	International Journal of Computer Science and Network Security (IJCSNS)	2016	1738-7906	http://ijcsns.org/	http://paper.ijcsns.org/07_book/201602/20160202.pdf	web of science
9	FULL ADDER USING CMOS TECHNOLOGY	B. Babu Rajesh	ECE	IJATEST	2016	2456-1126	https://www.ijatest.org	https://www.ijatest.org/wp-content/uploads/2017/01/37.FULL-ADDER-USING-CMOS-TECHNOLOGY.pdf	UGC
10	DESIGN OF AN EFFICIENT REVERSIBLE LOGIC BASED ON BARREL SHIFTER	B. Babu Rajesh	ECE	IJATEST	2016	2456-1127	https://www.ijatest.org	https://ijatest.org/wp-content/uploads/2017/01/32.DESIGN-OF-AN-EFFICIENT-REVERSIBLE-LOGIC-BASED-ON-BARREL-SHIFTER.pdf	UGC
11	SIMULATION OF LOW POWER 9T & 14T FULL ADDER WITH REDUCED NOISE	B. Babu Rajesh	ECE	JARDCS	2017	1943-023X	https://www.jardcs.org/	http://www.Jardcs.org/backissues/abstract.php?archiveid=1378	SCOPUS
12	An Efficient LFSR Seed Value Selection for Test Power Minimization in VLSI Circuits	B. Babu Rajesh	ECE	JARDCS	2018	1943-023X	https://www.jardcs.org/backissues/abstract.php?archiveid=5528	https://www.jardcs.org/backissues/abstract.php?archiveid=5528	UGC
13	ARM-Cortex M3 based Embedded HTTP Server Design for Data Acquisition System	B. Babu Rajesh	ECE	JARDCS	2018	1943-023X	https://www.jardcs.org/backissues/abstract.php?archiveid=5529	https://www.jardcs.org/backissues/abstract.php?archiveid=5529	UGC

14	Analysis of DWDM Crosstalk in of DM	B. Babu Rajesh	ECE	JARDCS	2019	1943-023X	https://www.jardcs.org/	https://www.Jardcs.org/abstract.php?id=2451	UGC
15	Automation detection of Exudates in Retinal Images using Saliency Map Method	P. Hari Chandana	ECE	JETIR	2020	2349-5162	www.jetir.org	https://www.jetir.org/papers/JETIR2012043.pdf	UGC
16	An IoT Based Appliances Control for Smart Homes	P. Syamala	ECE	IJITECH Internation journal of innovative technologies	2017	ISSN 2321-8665	https://ijcsit.com/docs/Volume%208/vol8issue2/ijcsit2017080207.pdf	https://ijcsit.com/docs/Volume%208/vol8issue2/ijcsit2017080207.pdf	UGC

PATENTS

S. No.	Patent Number	Title of Invention	Expiry Date	Inventors
1	2022/04838	A Novel IoT Based Indigenous Nano Filter Earthen Air Conditioning System	03-05-2042	Dr. N. Krishna Chaitanya V. Suneel Reddy K. Sreelakshmi
2	2021101718	CONTACTLESS ATM TRANSACTIONS WITHOUT USING ATM CARDS	03-04-2029	Dr. N. Krishna Chaitanya
3	2021101845	AUTOMATIC PULSES/DALS/CEREALS DISPENSER USING ELECTRONIC VALVES	09-04-2029	Dr. N. Krishna Chaitanya

FACULTY DEVELOPMENT PROGRAMME

AY 2016-17

S. No.	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
1	K. SREELAKSHMI	A Workshop on Digital Signal Processing using TMS320C6748DSP Development kit	14-03-2017 to 17-03-2017
2	B.BABU RAJESH	A 5 Day ISTE-STTP on CMOS Mixed signal and Radio frequency VLSI Design	30-01-2017 to 04-02-2017
3	B.BABU RAJESH	4 Days Workshop on Digital Signal Processing using TMS320C6748DSP Development kit	14-03-2017 to 17-03-2017
4	Dr. N. KRISHNA CHAITANYA	A 10 Day FDP on Computer Networks	17-06-2016 to 26-06-2016
5	M KONDAIAH	4 Days Workshop on Digital Signal Processing using TMS320C6713 Development kit	14-03-2017 to 17-03-2017
6	M KONDAIAH	A TWO Day FDP on Research Issues in Cognitive Radio Networks	09-01-2017 to 10-01-2017
7	K. SREELAKSHMI	A Five Day STTP on Wireless Communication	25-10-2016 to 29-10-2016
8	V. SUNEEL REDDY	A Five Day STTP on Wireless Communication	25-10-2016 to 29-10-2016
9	S. NAGA MYTHRI	A Five Day STTP on Wireless Communication	25-10-2016 to 29-10-2016
10	D. RAJA	A Five Day STTP on Wireless Communication	25-10-2016 29-10-2016
11	A.SWATHI	A Five Day STTP on Wireless Communication	25-10-2016 to 29-10-2016
12	P.SAI GEETHIKA	A Five Day STTP on Wireless Communication	25-10-2016 to 29-10-2016
13	CH. NAVEENA KUMARI	A Five Day STTP on Wireless Communication	25-10-2016 to 29-10-2016
14	M.KONDAIAH	A Five Day STTP on Wireless Communication	25-10-2016 to 29-10-2016

15	B.BABU RAJESH	A Five Day STTP on Wireless Communication	25-10-2016 to 29-10-2016
16	G.SRAVANI	A Five Day STTP on Wireless Communication	25-10-2016 to 29-10-2016
17	M KONDAIAH	10 Days FDP on Communication Technologies and Applications	22-06-2016 to 02-07-2016

AY 2017-18

S. No.	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
1	K. SREELAKSHMI	4 Days STTP on Arm Cortex M4 (Tiva - C) Micro - Controller	20-03-2018 to 23-03-2018
2	B. BABU RAJESH	One Week FDP on Extending an Embedded System into FPGAs into hands of Exercises Using Xilinx Vivado™ platform and Zynq Architecture	07-12-2017 to 12-12-2017
3	B.BABU RAJESH	4 Day Training on Arm Cortex M4(Tiva - C) Micro - Controller	20-03-2018 to 23-03-2018
4	M KONDAIAH	One Week FDP on Trends in Speech and Language Processing in Relevance to Telecommunication and Machine Learning	04-06-2018 to 09-06-2018
5	M KONDAIAH	4 Day Training on ARM Cortex M4(Tiva-C) Microcontroller	20-03-2018 to 23-03-2018

AY 2018-19

S. No.	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
1	B.BABU RAJESH	A 5 Day FDP on Signal Processing Applications using NI LabVIEW with Multisim	17-12-2018 to 21-12-2018
2	Dr. N. KRISHNA CHAITANYA	A One Week FDP on INTERNET OF THINGS	22.12.2018 to 28.12.2018

| 3 | M KONDAIAH | A 5 Day FDP on Signal Processing Applications using NI LabVIEW with Multisim | 17-12-2018 to 21-12-2018 |

AY 2019-20

S. No.	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
1	B.BABU RAJESH	A 5 Day FDP on Design of High Performance and Low Power THIRSTY SOC Modules using Mentor Graphics Tools	25-06-2019 to 29-06-2019
2	B.BABU RAJESH	A One Week FDP on Recent Advances in Biomedical Applications and Communication Networks	13-07-2020 to 18-07-2020
3	B.BABU RAJESH	A 5 Day FDP on Ansys of Electronics & Communication	18-07-2020 to 22-07-2020
4	B.BABU RAJESH	A 5 Day Workshop on Digital Image Processing using MATLAB	27-07-2020 to 31-07-2020
5	B.BABU RAJESH	5-Day Online Faculty Development Programme on RESEARCH METHODOLOGY	27-07-2020 to 31-07-2020
6	B.BABU RAJESH	A 5 Day FDP on Personality Development & Innovative Pedagogies in Teaching and Learning before & after COVID-19	03-08-2020 to 07-8-2020
7	B.BABU RAJESH	A 5 Day FDP on Research Aspects in Signal and Image processing	27-07-2020 to 31-07-2020
8	G.NAGAVENI	A 5 Day FDP on Research Methodology	27-07-2020 to 31-07-2020
9	G.NAGAVENI	A One Week FDP on Recent Advances in Embedded Systems	7-08-2020 to 11-08-2020
10	G.NAGAVENI	A Day Course on Fundamentals of Radar Systems	11-08-2020 to 15-08-2020
11	Dr.N.KRISHNA CHAITANYA	A 2 Day Workshop on Sensitizing higher education institutions to promote quality assurance for nation building opportunities and challenges	09.11.2019 to 10.11.2019

12	K. SREELAKSHMI	A Five Day FDP on SPSS	16-12-2019 to 20-12-2019
13	G.NAGAVENI	A Five Day FDP on SPSS	16-12-2019 to 20-12-2019
14	S.NAGA MYTHRI	A Five Day FDP on SPSS	16-12-2019 to 20-12-2019
15	M.KONDAIAH	A Five Day FDP on SPSS	16-12-2019 to 20-12-2019
16	B.MADHU	A Five Day FDP on SPSS	16-12-2019 to 20-12-2019
17	P.SYAMALA	A Five Day FDP on SPSS	16-12-2019 to 20-12-2019
18	Dr.N.KRISHNA CHAITANYA	A 3 Day FDP on Internet of Things	28-05-2020 to 30-05-2020
19	M KONDAIAH	A One Week FDP on Wireless and Mobile Communication	01-07-2019 to 06-07-2019
20	P GANGADHARA REDDY	A 2 Day Webinar/Workshop on E-Learning as a tool to reduce gap between teacher and taught in this tough time of COVID-19	23-07-2020 to 24-07-2020

AY 2020-21

S. No.	Name of teacher who attended	Title of the program	Duration (from – to) (DD-MM-YYYY)
1	K. SREELAKSHMI	A 5 Day Workshop on Digital Image Processing using MATLAB	27-07-2020 to 31-07-2020
2	K. SREELAKSHMI	A 5 Day Course on Fundamentals of RADAR Systems	11-08-2020 to 15-08-2020
3	G.SOWMYA RATNAM	A 5 Day STTP on Effective Engineering Teaching Practices	18-01-2021 to 23-01-2021
4	G.SOWMYA RATNAM	A 5 Day FDP on Ansys of Electronics & Communication	18-07-2020 to 22-01-2020

5	G.SOWMYA RATNAM	A One Week FDP on Simulation and Modelling Data Communications & Networks	27-07-2020 to 31-07-2020
6	G.SOWMYA RATNAM	A One Week FDP on Recent advances in Embedded systems	07-08-2020 to 11-08-2020
7	G.SOWMYA RATNAM	A 6 Day STTP on Emerging Trends and Research Challenges in Next Generation Wireless Networks	22-02-2021 to 27-02-2021
8	B.BABU RAJESH	A 3 Week(40hrs) FDP on Industry standard online FDP on 5G Technology	21-12-2020 to 12-01-2021
9	B.BABU RAJESH	A 5 Day FDP on Machine Learning on Computer Vision & Image Processing Applications	26-07-2021 to 30-7-2021
10	B.BABU RAJESH	A 3 Day Workshop on Examination Reforms workshop in online mode	08-07-2021to 10-07-2021
11	P.SYAMALA	A 6 Day STTP on Emerging Trends and Research Challenges in Next Generation Wireless Networks	22-02-2021 to 27-02-2021
12	G.NAGAVENI	A 6 Day STTP on Emerging Trends and Research Challenges in Next Generation Wireless Networks	22-02-2021 to 27-02-2021
13	CH. YAMINI	A 3 Day Workshop on NAAC Assessment and Accreditation: A Step-by-Step Process	27-05-2021 to 29-05-2021
14	P GANGADHARA REDDY	A 1 Week FDP on Open-Source Tools for Research	10-08-2020 to 15-08-2020
15	P GANGADHARA REDDY	A One Week FDP on Student Induction Programme	14-12-2020 to 19-12-2020
16	P GANGADHARA REDDY	A One Week FDP on Verilog HDL for FPGA & Embedded Applications	28-06-2021 to 02-07-2021
17	P GANGADHARA REDDY	A 5 Day FDP on Ansys of Electronics & Communication	18-07-2020 to 22-01-2020
18	P GANGADHARA REDDY	A One Week FDP on Computer networks simulation using NS2	10-08-2020 to 14-08-2020
19	P GANGADHARA REDDY	A One Week FDP on Future Nano Electronic Devices & Circuits	06-07-2020 to 10-07-2020
20	P GANGADHARA REDDY	Simulation and Modelling Data Communications & Networks	27-07-2020 to 31-07-2020

21	P GANGADHARA REDDY	A One Week FDP on Recent advances in Embedded systems	07-08-2020 to 11-08-2020
22	M KONDAIAH	A 3 Week (40hrs) FDP on 5G Technology	21-12-2020 to 12-01-2021
23	M KONDAIAH	A One Week FDP on Student Induction Programme	14-12-2020 to 19-12-2020
24	M KONDAIAH	A 6 Day STTP on Blockchain Architecture Design and Use Cases Phase-III	24-08-2020 to 29-08-2020
25	M KONDAIAH	A 6 Day STTP on Blockchain Architecture Design and Use Cases Phase-II	17-08-2020 to 22-08-2020
26	M KONDAIAH	A One Week FDP on Recent Advances in Embedded Systems	07-08-2020 to 11-08-2020
27	M KONDAIAH	A 3 Day FDP on Recent Trends in Wireless Communication Technologies	03-08-2020 to 05-08-2020
28	K. SREELAKSHMI	VLSI in Image Processing	14-12-2020 to 18-12-2020
29	V.SUNEEL REDDY	VLSI in Image Processing	14-12-2020 to 18-12-2020
30	P.GANGADHAR	VLSI in Image Processing	14-12-2020 to 18-12-2020
31	B.BABU RAJESH	VLSI in Image Processing	14-12-2020 to 18-12-2020
32	M.V.S.LALITHA	VLSI in Image Processing	14-12-2020 to 18-12-2020
33	S.NAGA MYTHRI	VLSI in Image Processing	14-12-2020 to 18-12-2020
34	P.SARITHA	VLSI in Image Processing	14-12-2020 to 18-12-2020
35	CH.NAVEENA KUMARI	VLSI in Image Processing	14-12-2020 to 18-12-2020
36	G.SOWMYA RATNAM	VLSI in Image Processing	14-12-2020 to 18-12-2020

37	M.KONDAIAH	VLSI in Image Processing	14-12-2020 to 18-12-2020
38	B.MADHU	VLSI in Image Processing	14-12-2020 to 18-12-2020
39	P.MANJU	VLSI in Image Processing	14-12-2020 to 18-122020
40	M KONDAIAH	A One Week STTP on Wireless Communications and Machine Learning Algorithms	27-07-2020 to 01-08-2020
41	M KONDAIAH	A One Week STTP on Wireless Communications-Future IOT	20-07-2020 to 25-07-2020