



SIR C R REDDY COLLEGE OF ENGINEERING, ELURU
 West Godavari District., A.P.,INDIA
 APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
 AFFILIATED TO JNTUK, KAKINADA
www.sircrrengg.ac.in

ANNUAL REPORT OF THE INSTITUTION (Academic Year 2021 – 22)

1. ACADEMIC ACHIEVEMENTS OF STUDENTS AND STAFF

ACADEMIC ACHIEVEMENTS OF STUDENTS

S.No	Event Name	CSE	ECE	EEE	Mech	IT	CIVIL	FED	MBA	M.Tech	TOTAL
1	University Ranks/ Awards/ Gold Medal	01	--	04	--	--	--	--	--	--	5
2	GATE – 2020 Qualified	03	01	01	--	--	--	--	--	--	5
3	GRE/ IELTS/ GMAT qualified students	04	07	06	--	13	--	--	--	--	30
4	Placements	291	205	84	39	148	28	--	38	--	833
5	Achievements of students in inter institute events										15

PASS PERCENTAGE OF STUDENTS

Year	Program Name	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage of the students
IV/IV B.TECH	CIVIL	60	51	85.00
IV/IV B.TECH	EEE	152	119	78.29
IV/IV B.TECH	MECHANICAL	114	105	92.11
IV/IV B.TECH	ECE	187	150	80.21
IV/IV B.TECH	CSE	204	178	87.25
IV/IV B.TECH	IT	99	90	90.91
II/II M.TECH	PS&A	14	13	92.85
II/II M.TECH	VLSI	7	3	42.85
II/II M.TECH	CSE	10	7	70.00
II/II M.TECH	MD	3	0	0.00
II/II MBA	MBA	54	50	92.59

PLACEMENTS:

S.No	Branch	Number of Students selected during 2021-22		
		IT	Non IT	Total
1	CSE	289	2	291
2	ECE	202	3	205
3	EEE	83	1	84
4	MECHANICAL	39	0	39
5	IT	146	2	148
6	CIVIL	28	0	28
7	MBA	4	34	38
8	M.Tech	0	0	0
Grand Total		791	42	833

DETAILS OF COMPANIES VISITED:

S.No.	Name of Company	On/Pool	Date of Interview	No of students placed
1	Infy TQ	Pool	20th June 2021	1
2	Axiom IO	On	22nd July 2021	2
3	Hack with Infy	Pool	8th June 2021	1
4	TCS Ninja	Pool	12th Sep 2021	77
5	Wipro Elite NTH	Pool	25th Sep 2021	276
6	Efftronics	On	8th October 2021	3
7	Virtusa	Pool	27th October 2021	4
8	Tech Mahindra	On	17, 18th & 19th Nov	29
9	IBM	Pool	11th Nov 2021	5
10	Quest Global	Pool	1st Dec 2021	23
11	Mindtree	Pool	10th Dec 2021	24
12	KPIT	Pool	13th Dec 2021	1
13	Cap Gemini	Pool	18th Dec 2021	141
14	Delloite	Pool	24th Dec 2021	5
15	Better Analytics (Internship to PPO)	On	5th & 6th Jan 2022	22
16	Sureify	Pool	18th Jan 2022	1
17	Infosys	Pool	22nd & 23rd Jan 2022	97
18	Harman Connected Services	Cocubes	25th Jan 2022	4
19	Turing Minds	Pool	28th Jan 2022	2
20	Intellect Design Arena	Pool	6th Feb 2022	2
21	Atos	Pool	14th Feb 2022	12
22	Numeric Technologies	On	15th Feb 2022	3
23	Zemoso Technologies	Pool	16th Feb 2022	1
24	Infosys Se/ De	Pool	22nd Feb 2022	1
25	TCS	Pool	05th March 2022	2
26	HCL Technologies	Pool	11th Mar 2022	18

27	US Tech Solutions	Off	14th March 2022	1
28	Hexaware	Pool	17th Mar 2022	6
29	ICICI Prudential	On	25th March 2022	4
30	Accubits	Pool	14th April 2022	1
31	Byjus	Pool	18th April 2022	3
32	Teachnook	Pool	19th April 2022	3
33	Verzeo (Internship)	On	20th April 2022	17
34	Jio Mart	On	21st April 2022	4
35	GlobalLogic	Pool	24th April 2022	1
36	Amara Raja Power Systems (Internship)	Pool	27th April 2022	1
37	Walmart Global Tech	Pool	29th April 2022	1
38	Aptonline	On	19th May 2022	22
39	Tessolve Semiconductor Pvt Ltd	Pool	01st June 2022	1
40	CSS Corp Security Solutions Pvt Ltd	Pool	1st June 2022	1
41	Sapiens	Pool	3rd June 2022	1
42	Tecnics	On	06th June 2022	9
Total				833

ACADEMIC ACHIEVEMENTS OF STAFF:

S. No	Event Name	CSE	ECE	EEE	MECH	IT	CIVIL	FED	MBA	TOTAL
1	Publications in Journals	11	11	05	01	09	0	04	01	42
2	Publications in Conferences	05	80	09	0	01	0	0	0	95
3	Seminars/ Workshops/ Conferences attended	13	33	10	10	50	01	03	14	134
4	Seminars/ Workshops/Conferences conducted	01	02	04	01	04	02	0	0	14
5	Guest Lectures conducted	0	01	0	0	02	01	02	08	14
6	Ph.D.s/ M.Phils obtained	02	0	01	01	0	0	01	0	5

Total Number of staff Participated in Seminars and Seminars/ Workshops/Conferences conducted

CIVIL DEPARTMENT

S.No	Name	Topic	University (Or) College	Date dd-mm-yyyy
1	Mrs. V.V. Sujitha	FDP on "Modelling Approaches in Structural Engineering",	Department of Civil Engineering, Lakireddy Bali Reddy College of Engineering (A)	30-06-2022 to 02-07-2022

S.No	Name of the conferences / workshops	Resource Person	Date dd-mm-yyyy
1	FDP on “Recent Advances in Concrete Technology and Sustainable Infrastructure”	Eminent personality from various universities	04, 05 & 06 -08- 2021
2	One week work shop on Revit Architecture for III/IV Civil Engineering Students	APSSDC Team	15-09-2021 To 21-09-2021

CSE DEPARTMENT

S.No.	Name of the faculty	Title of the paper	Journal / Conference	Name of the journal / conference	Volume
1	Dr M Krishna, Dr N Deepak, S M B Chowdary	Identification of Best Cluster from a Datasets Using Hybrid Hierarchical and Non-Hierarchical Methods.	Conference (IEEE & SCOPUS)	2nd International Conference on Smart Electronics and Communication (ICOSEC), organized by Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu	ISBN: 978-1- 6654- 3368-6
2	Dr M Krishna, Dr N Deepak, S M B Chowdary	A Survey on Multimedia Analytics in Security Systems of Cyber Physical Systems and IoT.	Conference (IEEE & SCOPUS)	2nd International Conference on Smart Electronics and Communication (ICOSEC), organized by Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu	ISBN: 978-1- 6654- 3368-6
3	T. Koti Mani Kumar, R S K Chaitanya, Vahiduddin Shariff, Unni Kiran Jaladhi	A comparison between shortest path algorithms using runtime analytics and negative edges in computer networks.	Conference (IEEE & SCOPUS)	2022 International Mobile and Embedded Technology Conference	ISBN: 978- 1-6654- 2021-1
4	Dr. V. Anil Kumar, S Jaya Prakash, K.K. Subramanian, Dr. N. Thangadurai	An Intelligent Face Detection by Corner Detection using Special Morphological Masking System and Fast Algorithm	Conference (IEEE & SCOPUS)	2nd International Conference on Smart Electronics and Communication (ICOSEC), organized by Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu	ISBN: 978-1- 6654- 3368-6

5	K. Varada Rajkumar, Pranav Vallabhaneni, Krishna Marlapalli, T. N. S. Koti Mani Kumar, S. Revathi	Detection of Fake News Using Natural Language Processing Techniques and Passive Aggressive Classifier	Conference (SPRINGER & SCOPUS)	International Conference on Intelligent Systems and Sustainable Computing - 2022	ISBN: 978-981-19-0010-5
6	Naga Deepti Ponnaganti, Raju Anitha	A Novel Ensemble Bagging Classification Method for Breast Cancer Classification Using Machine Learning Techniques	Journal (SCI)	Traitement du Signal	Vol. 39, No. 1, February, 2022, pp. 229 - 237
7	K. Varada Rajkumar, Dr. K.Subrahmanyam	A Novel Method for Rainfall Prediction and Classification using Neural Networks	Journal (WOS & SCOPUS)	International Journal of Advanced Computer Science and Applications	Vol. 12, No. 7, 2021 2156 -5570
8	Naga Deepti Ponnaganti, Raju Anitha	Feature Extraction based Breast Cancer Detection using WPSO with CNN	Journal (WOS & SCOPUS)	(IJACSA) International Journal of Advanced Computer Science and Applications,	Vol. 12, No. 12, 2021
9	Dr B.V. Rama Krishna, Vemuri Jaya Manasa, Chalasani Srinivas	Cyber security Approach for secured Online trading	Journal (WOS)	journal of interdisciplinary cycle research	ISSNO: 0022 - 1945
10	B. Madhav Rao, V Pranav, Ch. Srinivas, Ramesh Neelapu, Ch.Mydilli	A Novel Data Discovery of Machine Learning Algorithms to recognize spamming in IoT systems	Journal (WOS)	Drugs and Cell Therapies in Hematology	ISSN: 2281 -4876 Volume 10 Issue 2
11	J.S.V.G. Krishna, K Sudhakar, Dr. Sandeep S R, Karthik S, Navaraja P	Implications of Big Data Analytics for Pharmaceutical Industry and transforming Health Care Taming an Autonomous	Journal (SCOPUS)	Design Engineering	ISSN: 0011 -9342

		Surface			
12	K. Sreenu, Dr B.Raja Srinivasa Reddy,	A Hybrid Clustering and Classification Model for Chemical Code based Medical Disease Prediction	Journal (SCOPUS)	Journal of Cardiovascular Disease Research	ISSN: 0975 -3583
13	K. Varada Rajkumar, Dr. K. Subrahmanyam	A hybrid aco-cs based optimized KNN classifier algorithm for rainfall detection & prediction	Journal (SCOPUS)	Journal of Theoretical and Applied Information Technology	ISSN: 1992 -8645
14	S. Phani Praveen, Vahiduddin Shariff, C. H. Anuradha, Chaitanya Deepthi Kothapalli, K. Nandini, S. Sindhura	Security model comprising quantifiable governance evolution model for cloud computing	Journal (SCOPUS)	Journal of in connection networks	IISN: 0219 -2659
15	Singampalli Roopesh Kumar , Dr Marlapalli Krishna, Nalla Sai Sheetal Naidu	Mining Maximal Subspace Clusters for High Dimensional Data	Journal (UGC)	International Journal of Research in Electronics and Computer Engineering (IJRECE)	ISSN: 2348 - 2281
16	Tatukuluri Manisha, Gadi Nirmala	Taming an Autonomous Surface Vehicle for Path Following and Collision Avoidance Using Deep Reinforcement Learning	Journal (UGC)	International journal of Researching Electronics and Computer Engineering (IJRECE)	ISSN: 2348 - 2281

Total Number of staff attended to different conferences / workshops:

S.No	Name of the Staff & Designation	Name of the conferences / workshops	Date dd-mm-yyyy
1	Dr M Krishna	2nd International Conference on Smart Electronics and Communication (ICOSEC), organized by Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu	07-10-2021 to 09-10-2021
2	Dr M Krishna	International Conference on Intelligent Systems and Sustainable Computing – 2022 organized by Mallareddy University, Hyderabad, Telangana	24-09-2021 to 25-09-2021

3	Dr N Deepak	2nd International Conference on Smart Electronics and Communication (ICOSEC), organized by Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu	07-10-2021 to 09-10-2021
4	S M B Chowdary	2nd International Conference on Smart Electronics and Communication (ICOSEC), organized by Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu	07-10-2021 to 09-10-2021
5	S Jaya Prakash	2nd International Conference on Smart Electronics and Communication (ICOSEC), organized by Kongunadu College of Engineering and Technology, Trichy, Tamil Nadu	07-10-2021 to 09-10-2021
6	T Koti Mani Kumar	2022 International Mobile and Embedded Technology Conference organized by Amity University Uttar Pradesh, Noida, India	10-03-2022 to 11-03-2022
7	T Koti Mani Kumar	International Conference on Intelligent Systems and Sustainable Computing – 2022 organized by Mallareddy University, Hyderabad, Telangana	24-09-2021 to 25-09-2021
8	R S K Chaitanya	2022 International Mobile and Embedded Technology Conference organized by Amity University Uttar Pradesh, Noida, India	10-03-2022 to 11-03-2022
9	Vahiduddin Shariff	2022 International Mobile and Embedded Technology Conference organized by Amity University Uttar Pradesh, Noida, India	10-03-2022 to 11-03-2022
10	Unni Kiran Jaladhi	2022 International Mobile and Embedded Technology Conference organized by Amity University Uttar Pradesh, Noida, India	10-03-2022 to 11-03-2022
11	J S V Gopala Krishna	Five Day Workshop on “LaTeX” conducted by Department of Mathematics, GITAM University, Bengaluru	05-07-2021 to 09-07-2021
12	K. Varada Rajkumar	International Conference on Intelligent Systems and Sustainable Computing – 2022 organized by Mallareddy University, Hyderabad, Telangana	24-09-2021 to 25-09-2021
13	Pranav Vallabhaneni	International Conference on Intelligent Systems and Sustainable Computing – 2022 organized by Mallareddy University, Hyderabad, Telangana	24-09-2021 to 25-09-2021

ECE DEPARTMENT

S. No	Author	Title Of The Paper	National/International	Name of the Conference
1	Dr. T.Venkateswara Rao	1. Automatic Audience Identification Using Face Recognition	National	16th - 17th JULY 2021, NCAIM-2021
		2. The Automatic Identification System Of Fishing Vessels For Indian Fishermen	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
2	Dr.P.H.S.TejoMurthy	3. Design And Verification Of	National	16th - 17th JULY

		AMBA AHB-Lite Protocol		2021,NCAIM-2021
		4.Image Captioning Based On Deep Neural Network	National	16th - 17th JULY 2021,NCAIM-2021
3	I. Hemalatha	5.Estimation Of Doppler Frequency With Wavelet Generated Video	National	16th - 17th JULY 2021,NCAIM-2021
		6.Vehicle Detection and Tracking System Using Gaussian Mixture Model andBlob Analysis	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
4	M.RaviKumar	7.Unique Identification For Monitoring Of Covid-19 Using Internet Of Things (IoT)	National	16th - 17th JULY 2021,NCAIM-2021
		8.Building An Iot Based Cost-Efficient Surveillance Robot For Real Time Monitoring And Control,	National	16th - 17th JULY 2021,NCAIM-2021
		9.SecurityBasedSmart ATM Using IOT	National	16th - 17th JULY 2021,NCAIM-2021
		10.Smart Weather Monitoring In a Poultry Farm	National	16th - 17th JULY 2021,NCAIM-2021
5	K.Lakshminarayana	11.Hybrid Precoding-Based Millimeter-Wave Massive MIMO-NOMA With Simultaneous Wireless Information and Power Transfer	National	16th - 17th JULY 2021,NCAIM-2021
		12.IOT Based Smart LPG Gas Monitoring And Automatic Booking System	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
		13.Super Resolution Channel Estimation Using Hybrid Precoding for Mm Wave Massive MIMO	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
6	V. Veerraju	14.Detection of Lung Cancer in CT images using Image Processing	National	16th - 17th JULY 2021,NCAIM-2021
7	R. Satish	15Automatic Attendance System Using Facenet	National	16th - 17th JULY 2021,NCAIM-2021
		16.Social Distance Detection Using Deep Learning	National	16th - 17th JULY 2021,NCAIM-2021
		17.Identification of Heart Disease through Iris Using Convolutional neural networks	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
		18.Real Time Integrated Biometric System For Smart Home	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
8	Miranji Katta1*, Satish Rapaka2, Trinadh Rajanala3, Ramkumar Adireddi4	19.IoT Enabled E-Life Device For Electricity Management And Energy Efficiency	International	Proceedings of 1st international Conference on water, energy & environment 23 & 24 Dec 2021
9	Ch. Ravi Kumar	20.Underwater Image Restoration Using Segmentation	National	16th - 17th JULY 2021,NCAIM-2021

		Method		
		21. Image Encryption Using Chaotic Based Artificial Neural Network	National	16th - 17th JULY 2021,NCAIM-2021
		22. HumanMachineInterfaceUsingVoiceControlMechanism	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
	V.Veeraju	23. Detecting and Addressing The Interruption In Electrical Poles And Transformer Control	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
10	Ch. Madhava Rao	24. Real-time Face Mask Detection Using Image Processing	National	16th - 17th JULY 2021,NCAIM-2021
		25. High Performance 5-2 Compressor for Rapid Parallel Accumulations	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
		26. Infant Incubator Using ESP8266	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
11	H. Sudhakar	27. Implementation Of High-Performance Parallel Prefix Adder	National	16th - 17th JULY 2021,NCAIM-2021
12	D. Ajay Kumar	28. Simulation model of SOI TFET for low power applications	National	16th - 17th JULY 2021,NCAIM-2021
		29. Rad-Hard model SOI Fin TFET for space craft applications, lecture notes,	International	ICMEET 2021, Springer series, 27 th , 28 th August 2021.
		30. A Novel design of SOI based Fin Gate TFET	International	2 nd Global Conference for advancement in technology (GCAT) Bangalore, india. Oct 1-3, 2021 978-0-7381-3215-0/21/\$31.00, IEEE
		31. Design of Low voltage- power :Negative capacitance charge Plasama FinTFET for AIOT Data Acquisition Blocks	International	BHARAT IEEE Conference Record:53139 during 7 th -8 th April 2022,GITAM,Visakhapatnam.
		32. Datapath system design using 32nm FinFET technology for low power applications	International	7 th WECON 2022, organized by chitkara university, India on May 20-21, 2022, ELSEVIER materials today :proceedings
		33. Detection of COVID-19 from X-RAY Images using Artificial Intelligence(AI)	International	2 nd CONIT ,24 th to 26 th june 2022,K.L.E institute of technology Hubballi.IEEE Bangalore Sec.
		34. Accurate Recognition of	National	3 rd NCSECT – 2022

		Coronavirus From Upper Body X-Ray Images Using AI		PROCEEDINGS ,20th – 21st May 2022
13	P. Hareesh	35. Modified High Speed Vedic Multiplier Implementation Using VLSI	National	16th - 17th JULY 2021,NCAIM-2021
		36. Quality Enhancement For The Images Captured In Dusty Weather Using Tuned Tri-Threshold Fuzzy Intensification Operators	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
14	Ch. Jaya Prakash	37. Heart Disease Prediction Using Machine Learning	National	16th - 17th JULY 2021,NCAIM-2021
		38. Recognition Of Frauds On Credit Card Using Machine Learning	National	16th - 17th JULY 2021,NCAIM-2021
		39. IoT Based Industrial Monitoring System	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
15	V. Surendra Babu	40. Design and Implementation of the Logic Circuits Using Low Power Adiabatic Logic Technique	National	16th - 17th JULY 2021,NCAIM-2021
		41. Dermatological Disease Detection and Preventative Measures Using Convolution Neural Networks (CNN)	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
16	M. Narendra Kumar	42. Smart Customer Query Chat Bot With Intelligent Document Training	National	16th - 17th JULY 2021,NCAIM-2021
		43. Prediction of Heart Disease Using Machine Learning Algorithms	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
		44. Anti-Theft Fingerprint Security System For Motor Vehicles	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
17	K. Miranji Miranji Katta & Ramkumar Adireddi	45. Early Detection of Breast Cancer Using Machine Learning Techniques	National	16th - 17th JULY 2021,NCAIM-2021
		46. Design and Development of IoT based Social Distance Alerting for COVID-19	National	16th - 17th JULY 2021,NCAIM-21021
		47. Detection of Arboviruses Born Disease By Using Mems Biosensor	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
		48. An Efficient Learning Model Selection for Dengue Detection	International	Intelligent And Cloud Computing proceedings of ICICC 2021 -Springer
18	N. Lavanya	49. Image Dehazing Algorithm Using Morphological Reconstruction	National	16th - 17th JULY 2021,NCAIM-2021
		50. Design of River Waste Collector Machine Using Arduino	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022

19	V. Vamsi Sudheera	51. Emotion Recognition Through Speech Signal	National	16th - 17th JULY 2021,NCAIM-2021
		52. Driver Drowsiness Detection for Safe Driving Using Image Processing	National	16th - 17th JULY 2021,NCAIM-2021
	G.Srilatha	53. Retinal Image Classification For Identifying Diabetic Retinopathy Using Convolutional Neural Networks	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
20	A. Ram Kumar	54. Low Power Approximate Multiplier Design Using Approximate compressors	National	16th - 17th JULY 2021,NCAIM-2021
		55. Implementation of Area and Energy Efficient MOBTA Using FPGA	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
21	R. Trinadh	56. Simulation And Comparison Of Multiple Encryption Standard Algorithms	National	16th - 17th JULY 2021,NCAIM-2021
		57. Simulation of MEMS Gyroscope Using MATLAB(SIMULINK)	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
22	K.Radha	58. Adiabatic based 4 bit comparator for low power applications	National	16th - 17th JULY 2021,NCAIM-2021
		59. Design of adders using Gate Diffusion Input technique	National	16th - 17th JULY 2021,NCAIM-2021
23	P. Sowmithri	60. Remote Monitoring Of Food Spoilage Using Smart Technology	National	16th - 17th JULY 2021,NCAIM-2021
		61. Water Quality Monitoring System Using ESP32 MC	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
24	M.Vamsi Krishna Allu	62. Mesochronous Dual Clock FIFO Buffer	National	16th - 17th JULY 2021,NCAIM-2021
		63. Personal Monitoring And Emergency Response Device	National	16th - 17th JULY 2021,NCAIM-2021
25	K.Lavanya	64. IoTBasedHealth CareMonitoringSystemwithBSNB yUsing RaspberryPiWithApp	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
		65. Smart Gloves To Convert Sign To Speech For Mute Community	National	16th - 17th JULY 2021,NCAIM-2021
		66. Implementation of UART Communication Protocol on FPGA by Using Verilog	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
26	M.Greeshma	67. Area Efficient Memory-Based Even-Multiple-Storage Multiplier for Higher Input	National	16th - 17th JULY 2021,NCAIM-2021
		68. Research on Image Scaling	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
27	V.Swathi	69. Plant Disease Detection using Machine Learning	National	16th - 17th JULY 2021,NCAIM-2021
		70. Data Compression Using K-	National	3 rd NCSECT – 2022

		Run Length Encoding		PROCEEDINGS ,20th – 21st May 2022
28	N.Suneetha	71.Statistical Analysis of mm wave Channel Modeling at 28 and 73GHz in 5G Communications	National	16th - 17th JULY 2021,NCAIM-2021
		72.Driver Drowsiness Detection Based On Open CV &DLib Libraries Using Image Processing	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
29	N.Swathi	73.IOT Auto Temperature Scan Entry System Thermal Flap Barrier Covid Prevention	National	16th - 17th JULY 2021,NCAIM-2021
		74.Missile Detection by Ultrasonic and Auto Destroy System using IoT	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
30	P.Srinivasulu	75.Fake Currency Recognition System Using Image Processing,	National	16th - 17th JULY 2021,NCAIM-2021
		76.Contrast Escalation Of Medical Images Using Statistical Methods	National	16th - 17th JULY 2021,NCAIM-2021
		77.Design and Development of Smart Multifunctional Wheel Chair	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022
31	V.Ranjith kumar	78.Mems Sensor For Food Quality And Safety Monitoring	National	16th - 17th JULY 2021,NCAIM-2021
		79.MEMS Sensor For Non-Invasive Screening Of Pulmonary Diseases	National	16th - 17th JULY 2021,NCAIM-2021
32	Y.B.N.V. Bhaskar	80.Measurement of Magnetic Field and Detection of Type of Material Using Hall Effect	National	3 rd NCSECT – 2022 PROCEEDINGS ,20th – 21st May 2022

i) Total Number of staff attended to different conferences / workshops:

Total Number of staff attended to different workshops: 29

Details:

S.No	Name of the Staff	Designation	Name of the workshop/conference	Date dd-mm-yyyy
1	Dr. T.Venkateswara Rao	Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
2	Dr.P.H.S.TejoMurthy	Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
3	Dr.I. Hemalatha	Associate Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21

4	Dr.M.RaviKumar	Associate Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
5	K.Lakshminarayana	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
6	V. Veerraju	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
7	Dr.R. Satish	Associate Professor	Inculcating Universal Human Values in Technical Education, Organized by AICTE under FDP	28/6/2021 to 2/7/2021
			Full stack web development, Organised by ECE Dept., Mr. U. Sairam, Codegnan, Vzd.	8/11/2021 to 13/11/2021
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
8	Ch. Ravi Kumar	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
9	Dr.Ch. Madhava Rao	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
10	D. Ajay Kumar	Assistant Professor	One week Workshop on VLSI Device, Circuit, and System Design Tools(online), organized by the school of electronics engineering(SENSE), VIT-AP University, Amaravati(AP)	27/06/2022. to 31/06/2022
			5 days FDP program on VLSI Exposure and it's challenges in Engineering organized by Krishna university college of engineering and Technology	11/7/2022 to 15/7/2022
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
11	P. Hareesh	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
12	Ch. Jaya Prakash	Assistant Professor	AWS Machine Learning, E&ICT NIT Warangal And Andhra Layola Institute Of Tech ,Vjw	4/10/21 to 13 /10/21
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
13	V. Surendra Babu	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21

14	M. Narendra Kumar	Assistant Professor	Cyber Security and Incident Analysis (ATAL - FDP) Conducted by Andhra University College of Engineering, Visakhapatnam	19-07-2021 to 23-07-2021
			Recent Advances in Signal Processing (ATAL - FDP) conducted by JNTUK, Kakinada	02-08-2021 to 06-08-2021
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE, Sir CRR college of Engineering	27/7/21 to 31/7/21
15	G. Srilatha	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE, Sir CRR college of Engineering	27/7/21 to 31/7/21
			ATAL FDP on Embedded design and development using Free/Open source tools by C-DAC, Thiruvananthapuram	09-08-2021 to 13-08-2021
16	N. Lavanya	Assistant Professor	AI for communication and signal processing Applications	5/02/22 to 14/02/2022
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE, Sir CRR college of Engineering	27/7/21 to 31/7/21
17	A. Ram Kumar	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE, Sir CRR college of Engineering	27/7/21 to 31/7/21
18	R. Trinadh	Assistant Professor	A five day online FDP on "VLSI Exposure and it's Challenges in Engineering"	11th to 15th July 2022
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE, Sir CRR college of Engineering	27/7/21 to 31/7/21
19	P. Sowmithri	Assistant Professor	One week Workshop on VLSI Device, Circuit, and System Design Tools(online), organized by the school of electronics engineering(SENSE), VIT-AP University, Amaravati(AP)	23/06/2022. to 29/06/2022
			Introduction to Research -NPTEL COURSE	Feb- Apr 2022
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE, Sir CRR college of Engineering	27/7/21 to 31/7/21
20	M.Vamsi Krishna Allu	Assistant Professor	One week FDP on "Trends and Challenges in Advanced VLSI System Design" organised by Dept. of ECE, SRKR Engineering College	21/02/2022 to 26/02/2022
			one week online FDP on Recent trends in communications, VLSI and Embedded systems	27/7/21 to 31/7/21

21	K.Lavanya	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
22	M.Greeshma	Assistant Professor	Inculcating Universal Human Values in Technical Education, Organised by AICTE under FDP	28/6/2021 to 2/7/2021
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
23	V.Swathi	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
24	N.Suneetha	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
25	N.Swathi	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27 /7/21 to 31/07/ 2021
26	P.Srinivasulu	Assistant Professor	One week FDP on "Trends and Challenges in Advanced VLSI System Design" organised by Dept. of ECE, SRKR Engineering College	21/02/2022 to 26/02/2022
			Week online course on FPGA Architecture and programming using Verilog HDL conducted by NIELIT Calicut	11/5 2022 to 8/6/ 2022
			2 day workshop on High quality technical research paper writing and publishing by AIQuantum Smart Solutions Pvt Ltd, STEP, NITK	23,24th July 2022
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21
27	K.Radha	Assistant Professor	One week FDP on "Trends and Challenges in Advanced VLSI System Design" organised by Dept. of ECE, SRKR Engineering College	21/02/2022 to 26/02/2022
			One week Workshop on VLSI Device, Circuit, and System Design Tools(online), organized by the school of electronics engineering(SENSE), VIT-AP University, Amaravati(AP)	23/06/2022. to 29/06/2022
			5 dayshort term training program (STTP) on "Electronics Systems : Devices, IC and Applications", organised by department of Electronics and Communication Engg., NIT Arunchal Pradesh in online mode spondored by AICTE	14/03/2022 to 18/03/2022
			.Inculcating Universal Human Values in Technical Education, Organised by AICTE under FDP	28/6/2021 to 2/7/2021
			one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE,Sir CRR college of Engineering	27/7/21 to 31/7/21

28	G.Sujatha	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE, Sir CRR college of Engineering	27/7/21 to 31/7/21
29	K.Sunitha	Assistant Professor	one week online FDP on Recent trends in communications, VLSI and Embedded systems, Dept of ECE, Sir CRR college of Engineering	27/7/21 to 31/7/21

Total Number of staff Participated in Seminars/guest lectures:

S.No	Name	Topic	University (Or) College	Date
1	M Narendra Kumar	Entrepreneurship and Atmanirbhar Bharat for Start-up India	AISSMS College of Engineering	07-07-2021
2	D.Ajaykumar	National intellectual property awareness mission	Intellectual property office, India	14-06-2022
		Synthesis, Characterization and Applications of Nano-Materials	Departments of Physics, School of Basic and Applied Sciences, Harcourt Butler Technical University Kanpur, India	28-10-2021
3	P Srinivasulu	Webinar on Real Time Machine Learning Techniques and Applications	VITAP, Amaravati	25/7/ 2022

EEE DEPARTMENT

Total Number of staff attended to different conferences / workshops:

Journal publications of staff (Academic Year: 2021 – 22)					
S.No	Name of the faculty	Title of the paper	Journal /Conference	Name of the journal/ conference	Volume
1	Dr. Y. Butchi Raju	Implementing PSO to Phase Balance by Plug-in Electric Vehicles in Smart Grid	Journal	Journal Of Engineering, Computing & Architecture (UGC-CARE Group-II)	Volume 11, Issue 10, October – 2021 ISSN NO:1934-7197
2	Dr. Y. Butchi Raju	Optimal Infusion and Grading of Combined DGs and Capacitor Banks for Line Loss Minimization and Enhancement of Voltages in Radial Circuit System	Journal	Przegląd Elektrotechniczny (Emerging Sources Citation Index)	ISSN 0033-2097, R. 97 NR 12/2021
3	J.Ayyappa	Allocation of facts	Journal	Journal Of	Volume 11,

		devices for a transmission System for reducing power losses using TLBO Algorithm		Engineering, Computing & Architecture (UGC-CARE Group-II)	Issue 12, DECEMBER - 2021
4	Sivakavi Naga VenkataBrama reswara Rao	Power Quality Improvement in Renewable-Energy-Based Microgrid Clusters Using Fuzzy Space Vector PWM Controlled Inverter	Journal	Sustainability (Web of Science)	Sustainability 2022, 14, 4663 doi.org/10.3390/su14084663
5	Sivakavi Naga VenkataBrama reswara Rao	Fuzzy Hysteresis Current Controller for Power Quality Enhancement in Renewable Energy Integrated Clusters	Journal	Sustainability (Web of Science)	Sustainability 2022, 14, 4851 doi.org/10.3390/su14084851
6	N.Ramanarayana	Analyzing the performance of MVDC Distribution System with ESS for Wind Energy	Conference	NCSECT – 2022 PROCEEDINGS	ISBN: 978-93-94894-05-1
7	B.Sambasiva Rao	Sovereign Potentiality Control and Dominance Between Unattached DC Microgrids	Conference	NCSECT – 2022 PROCEEDINGS	ISBN: 978-93-94894-05-1
8	G.Ganesh	Simulation of Electrical Vehicle by using Dual Battery System	Conference	NCSECT – 2022 PROCEEDINGS	ISBN: 978-93-94894-05-1
9	M.L.SivaNarasimha Rao	GSM Based Fire and Smoke Detection	Conference	NCSECT – 2022 PROCEEDINGS	ISBN: 978-93-94894-05-1
10	T. Kranti Kiran	Power System Stabilizer	Conference	NCSECT – 2022 PROCEEDINGS	ISBN: 978-93-94894-05-1
11	A.SuryaPrakas a Rao&J. Ayyappa	Manual Portable Electric Earth Auger Digging Machine	Conference	NCSECT – 2022 PROCEEDINGS	ISBN: 978-93-94894-05-1
12	Dr. M. Veera Kumari	Simulation of Power Quality Enhancement of Smart Households Using A Multilevel - Thseaf With a PR	Conference	NCSECT – 2022 PROCEEDINGS	ISBN: 978-93-94894-05-1
13	Dr. Y. Butchi Raju	Smart Waste Management System using RFID and GSM Technology	Conference	NCSECT – 2022 PROCEEDINGS	ISBN: 978-93-94894-05-1
14	Dr. N. Bhupesh	Design of a system for road safety and Rescue	Conference	NCSECT – 2022 PROCEEDINGS	ISBN: 978-93-94894-05-1

	kumar	operation using IOT			
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Total Number of staff Participated in Seminars

S.No	Faculty Name	FDP/Workshop	Dates
1	Sri. L.Vamsi Narasimha Rao	Recent advancements in Generation and control in Modern Power systems	7 th to 12 th march 2022
2	Sri. J.Ayyappa	Recent advancements in Generation and control in Modern Power systems	7 th to 12 th march 2022
3	Sri. MSNL Narasimha Rao	Recent advancements in Generation and control in Modern Power systems	7 th to 12 th march 2022
4	Sri. N.Rama Narayana	Recent advancements in Generation and control in Modern Power systems	7 th to 12 th march 2022
5	Dr. VSR Pavan Kumar	Recent advancements in Generation and control in Modern Power systems	7 th to 12 th march 2022
6	Sri. G.Ganesh	Recent advancements in Generation and control in Modern Power systems	7 th to 12 th march 2022
7	Sri. SK. Chanbasha	Recent advancements in Generation and control in Modern Power systems	7 th to 12 th march 2022
8	Sri. G.Ganesh	Research Opportunities in Electrical Power Engineering	23 rd to 27 th march 2022
9	Sri. M. Mallikarjuna Reddy	Advances in Aerospace Engineering	21 st to 22 nd march 2022
10	Sri K.Kotaiah Chowdary	includating universal human values in technical education	12 th to 16 th july 2021

Seminars/ Workshops/Conferences conducted :

S.No	Name of the Event	Date(s)	Resource Person
1	Tech Fest@2K21 (Technical and Non-Technical)	02-07-2021 To 03-07-2021	G.V.Manoj DGM,DOT, Vijayawada
2	6 day Workshop on Basic Robotics using Aurdino and IOT Applications	28-03-2022 To 05-04-2022	P. Charan Pride S Technical Solutions, Vijayawada.
3	National Conference on Smart Electrical &	20-05-2022 To	Dr. P. Siddaiah, Professor & Dean, ANU, Guntur.

	Communication Technologies.	21-05-2022	Dr. B. Srinivasa Rao, Professor, Dept. of EEE,VRSEC, Vijayawada
4	One day workshop on Energy Conservation	16-12-2021	R. Satish Kumar Executive Engineer, M&P wing, APEPDCL, Eluru

IT DEPARTMENT

S.No.	Name of the faculty	Title of the paper	Journal / Conference	Name of the journal / conference	Volume
1	Dr.G.Chamundeswari	Line Segment Based Clustering-Based Approach With Self Organising Maps"	Journal	JITR	Volume 14
2	Dr.G.Chamundeswari	Image Segmentation Using Som, Neural Network with Discrete Cosine Transform	Journal	Advances and Applications in Mathematical Sciences	Volume 20
3	T. SatyaNagamani	Object Detection In Images Using Machine Learning Based Convolution Neural Networks	Journal	IJCST	Volume 10
4	G.Krishnaveni	Object Detection in Images Using Machine Learning Based Convolution Neural Networks	Journal	IJCST	Volume 10
5	P.Rajendra Kumar	Heart Disease Prediction Based On Ensemble Classification Model With Tuned Training Weights	Journal	International Journal of Engineering Trends and Technology	Volume 70
6	K.PurnaPrakash	Exploration of Anomalous Tracing of Records in Smart Home Energy Consumption Dataset	Journal	ECS Transactions	Volume 107
7	K.PurnaPrakash	A Systematic Approach for Exploration, Behavior Analysis, and visualization of Redundant Data Anomalies in Smart	Journal	International Journal Of Renewable Energy Research	Volume 12

		Home Energy Consumption Dataset			
8	K.PurnaPrakash	Analytical Approach to Exploring the Missing Data Behavior in Smart Home Energy Consumption Dataset	Journal	JREE	Volume 9
9	K.PurnaPrakash	A comprehensive analytical Exploration and Customer behaviour analysis of Smart Home Energy Consumption Data With A Particular Case	Journal	Energy Reports	Volume 8
10	P.Rajendra Kumar	Parametric Analysis On Heart Disease Prediction Using Ensemble Based Classification	Conference	ICECCT	ISBN:978-0-7381-4415-3

Total Number of staff attended to different conferences / workshops:

S.No	Name of the Staff & Designation	Name of the conferences / workshops	Date
1.	Dr. S.Krishna Rao, Professor & HOD	FDP on Artificial Intelligence And Machine Learning	22/11/2021 & 26/11/2021
2.	Dr.K.Satyanarayana, Associate Professor	FDP on Artificial Intelligence And Machine Learning	22/11/2021 & 26/11/2021
3.	T. Satya Nagamani, Assistant Professor	FDP on Artificial Intelligence And Machine Learning	22/11/2021 to 26/11/2021
		Five-Day Online Faculty Development Program On Advancements in Speech and Natural Language Processing	21/02/2022 to 25/02/2022
		Online Seminar On Guidelines For quality Publication Of Project Works	04/02/2022
4.	N.Prasad, Assistant Professor	FDP on Artificial Intelligence And Machine Learning	22/11/2021 & 26/11/2021
5.	G.Krishnaveni, Assistant Professor	Advancements in Speech and Natural Languages	21/02/2022 to 25/02/2022
		FDP on Artificial Intelligence and Machine learning	22/11/2021 to 26/11/2021
		Cordial And Benevolent support In Coordinating JAVA & ANDROID	20/09/2021 to 25/09/2021
		FDP on Essentials of Data Sciences	27/07/2021 to 31/07/2021
		Three days Examination Reforms Workshop In Online Mode	08/07/2021 to 10/07/2021

		One Week Faculty Development Program on Multi technologies	28/06/2021 to 03/07/2021
6.	K.Lakshmaji	FDP on Artificial Intelligence And Machine Learning	22/11/2021 & 26/11/2021
7.	D.Srinivasa Rao	FDP on Artificial Intelligence And Machine Learning	22/11/2021 & 26/11/2021
8.	K.Vijaya Lakshmi	Online Bootcamp-Basics OF Andriod App Development with Kotlin	11/06/2022 to 16/06/2022
		FDP on Artificial Intelligence and Machine Learning	22/11/2021 to 26/11/2021
		FDP on Speech,Audio and Image Processsing Using Deep Learning Techniques:Research Issues,Innovation and applications	18/10/2021 to 22/10/2021
		FDP on Python Progreamming	16/08/2021 to 04/09/2021
		FDP onMachine Learning and Optimization Techniques	12/07/2021 to 16/07/2021
		FDP on Inculcating Universal Human Values In Technical Education	28/06/2021 to 02/07/2021
		Three Days Examination Reforms workshop	08/07/2021 to 10/07/2021
9.	J.Malathi	FDP on Artificial Intelligence And Machine Learning	22/11/2021 to 26/11/2021
		Participating Cloud Computing with AWS	20/09/2021 to 25/09/2021
		Introduction to Cyber Security	29/06/2021
		FDP on Machine Learning	18/01/2021 to 22/01/2021
10.	G.Vihari	FDP on Artificial Intelligence And Machine Learning	22/11/2021 to 26/11/2021
11.	B.LalithaBhavani	FDP on Artificial Intelligence And Machine Learning	22/11/2021 to 26/11/2021
12.	G.Pavan	30 Days Master Class On Java Programming	11/04/2022 to 10/05/2022
		FDP on Advancements in Speech and Natural Language Processing	21/02/2022 to 25/02/2022
		FDP on Artificial Intelligence and Machine Learning	22/11/2021 to 26/11/2021
		Introduction to Research	FEB-APR 2021
		Introduction to Machine Learning	JAN-APR 2021
		FDP on machine Learning	18/01/2021 to 22/01/2021
13.	Dr.N.Sameera	FDP on Machine Learning Applications on Image Processing	17/01/2022 to 21/01/2022
14.	E.B.K.Manash	FDP on Artificial Intelligence and	22/11/2021 to 26/11/2021

		Machine Learning	
15.	V Gopinath	FDP on Artificial Intelligence and Machine Learning	22/11/2021 to 26/11/2021
16.	Ch.Yallamanda	Design Thinking and Innovations	07/01/2022 to 13/01/2022
		30 Days Master Class on Artificial Intelligence	06/12/2021 to 04/01/2022
17.	Dr.G.Chamundeswari	STTP on Practicing Cloud Computing with AWS	20/09/2021 to 25/09/2021
		FDP on Inculcating Universal Human Values in Technical Education	28/06/2021 to 02/07/2021
		FDP on Artificial Intelligence and Machine Learning	22/11/2021 to 26/11/2021
18.	N.Durga Prasanna	FDP on Artificial Intelligence and Machine Learning	22/11/2021 to 26/11/2021
19.	Y. Siva Koteswara Rao	STTP on Practicing Cloud Computing with AWS	20/09/2021 to 25/09/2021
		FDP on Cyber Security oversight for Information Protection	12/07/2021 to 16/07/2021
		FDP on MULTI TECHNOLOGIES	28/06/2021 to 03 /07/2021
		FDP on Inculcating Universal Human Values in Technical Education	28/06/2021 to 02/07/2021
		FDP on Artificial Intelligence and Machine Learning	22/11/2021 to 26/11/2021
		Communication Skills,Modes and knowledge Dissemination	JUL 2022
		Technology Enabled Learning and Life-Long Self learning	JUL 2022
		Student Assessment and Evaluation	JUL 2022

MECHANICAL DEPARTMENT

S.No.	Name of the faculty	Title of the paper	Journal / Conference	Name of the journal / conference	Volume
1.	S Daniel Ephraim Babu	Mechanical, Morphological And Thermal Analysis Of Unidirectional Fabricated Sisal/Flax Hybrid Natural Fiber Composites	SCI Journal	Surface Topography : Metrology & Properties	10

Total Number of staff attended to different conferences / workshops:

S.No	Name of the Staff & Designation	Name of the conferences / workshops	Date
1.	Dr. K. Rambabu	Emerging Trends in Thermal Engineering	27.12.2021 to 31.12.2021
2	Dr. M. Srirama Murthy	Emerging Trends in Thermal Engineering	27.12.2021 to 31.12.2021

3	Dr. K. LalitNarayan	Advanced Manufacturing Technology	24-01-2022 to 31-01-2022
		Artificial intelligence/machine learning for mechanical engineering problems	21-03-2022 to 26-03-2022
4	Mrs. Ch. Lakshmi Poornima	Research tools and methodologies	27-09-2021 to 01-10-2021
		Emerging trends in automotive and energy systems	23-08-2021 to 27-08-2021
		Post covid green sand and sustainable development practices in manufacturing industries	17-01-2022 to 21-01-2022
5	Sri S. Daniel Ephraimbabu	Processing of novel materials	22-11-2021 to 26-11-2021
		Advanced manufacturing of biomedical devices for precision health technologies	13-12-2021 to 17-12-2021

Total Number of staff Participated in Seminars:

S.No	Name	Topic	University (Or) College	Date
1.	V.Naveen Kumar	How Increasing Student Engagement Helps Classroom Management	College	08-07-2022

MBA DEPARTMENT

S.No.	Name of the faculty	Title of the paper	Journal / Conference	Name of the journal / conference	Volume
01	Dr.K.V.Sridhar	A Study on Analysis of Gold Exchange Traded Funds	International Journal	International Journal of Advance and Applied Research ISSN-2347-7075	Vol.09 No.5 May-June 2022
02	Sri.V.Raghav Sai Krishna	A Study on Analysis of Gold Exchange Traded Funds	International Journal	International Journal of Advance and Applied Research ISSN-2347-7075	Vol.09 No.5 May-June 2022

Total no. of Chapter Published in Books:

S.No.	Name of the faculty	Title of the Book	Chapters	ISBN no.
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01	Dr.K.V.Sridhar	Recent Trends in Finance	A Comparative study on Lumpsum Investment and Sip Investment With reference to NETWORK DIRECT STOCK BROKING LTD, VIJAYAWADA.	978-93-90996-38-4
02	Sri.V.Raghav Sai Krishna	Recent Trends in Finance	A Comparative study on Lumpsum Investment and Sip Investment With reference to NETWORK DIRECT STOCK BROKING LTD, VIJAYAWADA.	978-93-90996-38-4

Total Number of staff attended to different FDP/conferences / workshops/ webinar/seminars

S.No	Name of the Staff & Designation	Name of the conferences / workshops	Date dd-mm-yyyy
01	Dr.K.V.Sridhar Assoc.Professor	Five –Day National Level Online FDP on “Promoting Innovations in Business Management” organized by Department of Master of Business Administration, Andhra Loyola Institute of Engineering and Technology, Vijayawada	26 th May 2022 to 31 st May 2022
02	Dr.K.V.Sridhar Assoc.Professor	“One-week National Online Faculty Development Programme” on “Research Methodology in Social Sciences” organized by the Department of Commerce & IQAC, Sir C R Reddy (Aided & Autonomous) College, Eluru.	27 th Sep 2021
03	Dr.K.V.Sridhar Assoc.Professor	One day National Level Webinar on “Financial Empowerment through wealth creation,” organized in association with AMFI by VET First Grade College, Bengaluru.	05 th May 2022
04	Dr.K.V.Sridhar Assoc.Professor	One day National Level Webinar on “Global Financial Crisis-Causes, Effects and Implications on Indian Economy”	7 th May 2022
05	Smt.Sk.Jaheerunnisa Begum Asst.Professor	Five –Day National Level Online FDP on “Promoting Innovations in Business Management” organized by Department of Master of Business Administration, Andhra Loyola Institute of Engineering and Technology, Vijayawada	26 th May 2022 to 31 st May 2022
06	Sri.N.Satheesh Asst.Professor	Five –Day National Level Online FDP on “Promoting Innovations in Business Management” organized by Department of	26 th May 2022 to 31 st May 2022

		Master of Business Administration, Andhra Loyola Institute of Engineering and Technology, Vijayawada	
07	Smt.Ch.Madhavi Latha Asst.Professor	Five –Day National Level Online FDP on “Promoting Innovations in Business Management” organized by Department of Master of Business Administration, Andhra Loyola Institute of Engineering and Technology, Vijayawada	26 th May 2022 to 31 st May 2022
08	Smt.G.Kavitha Asst.Professor	Five –Day National Level Online FDP on “Promoting Innovations in Business Management” organized by Department of Master of Business Administration, Andhra Loyola Institute of Engineering and Technology, Vijayawada	26 th May 2022 to 31 st May 2022
09	Sri.V.Raghav Sai Krishna	Five –Day National Level Online FDP on “Promoting Innovations in Business Management” organized by Department of Master of Business Administration, Andhra Loyola Institute of Engineering and Technology, Vijayawada	26 th May 2022 to 31 st May 2022
10	Sri.V.Raghav Sai Krishna Asst.Professor	National Webinar on “Strategy for Managing Personal Finance” organized by Department of S & H (Management Studies), Lendi Institute of Engineering & Technology , Vizianagaram.	16 th Sep 2021
11	Sri.V.Raghav Sai Krishna Asst.Professor	One day National Level Webinar on “Financial Empowerment through wealth creation,” organized in association with AMFI by VET First Grade College, Bengaluru.	05 th May 2022
12	Sri.V.Raghav Sai Krishna Asst.Professor	One day National Level Webinar on “Global Financial Crisis-Causes, Effects and Implications on Indian Economy”	7 th May 2022
13	Sri.V.Raghav Sai Krishna Asst.Professor	Online Workshop on “New Trends in Research Methodology” organized by RKDF University, Bhopal.	26 th May 2022
14	Sri.V.Raghav Sai Krishna Asst.Professor	A Webinar on “Personal Financial Empowerment and Career Opportunities in Securities Market” organized by Department of Commerce & IQAC, Bhilai Mahila Mahavidyalaya, Durg, Chattisgarh	7 th June 2022

Academic achievements of staff Ph.D's

S.No.	Dept.	Name	Name of the University	Year of passing	Experience in our college
1	CSE	K. N. Madhavi Latha	Acharya Nagarjuna University	2021	13 Years

2	CSE	K. Varada Rajkumar	KLU	2022	11 Years
3	EEE	N. V. S. R. Pavan kumar	GITAM University	2021	10 Years
4	MECH	T. Rama Krishna	JNTUK	2021	14 Years
5	FED	P. Vijaya Laxmi	Andhra University	2022	9 Years

Total no. of Books Authored by Staff:

S. No	Name of the faculty	Title of the Book	Name of the Publisher	ISBN no.
1	Kattupalli Sudhakar, Dr. MD Abid Ali, J S V Gopala Krishna	Python Experiments for Mechanical Engineering	S.S. Publications, Repalle	978-8-947453-3-4
2	K.Varada Rajkumar, Dr. Maralapalli Krishna, S.JayaPrakash	Basic Python Programming for Beginners	Bluerose Publishers	978-93-547206-0-4
3	Dr Nitin Mishra, Dr S Selvie, Prof V T Krishna Prasath, S Mohan Babu Chowdary	Advancement In Information Technology	Notion press INDIA	979-88-86-84491-3
4	Dr Phani Kumar Solleti, Mr Pavan Gunda, Mrs Rama Lakshmi	Fundamentals of Artificial Intelligence	South Asian Academic Publishers	978-93-92153- 40-2
5	Dr S Phani Praveen, Mr V Shariff, Ms Pappula Sarala, Dr N Raghavendra Sai	Concepts Of Cloud Computing Essentials	Walnut Publications	978-93-5574-025-0
6	Sri. G. Pavan	Fundamentals Of Artificial Intelligence	South Asian Academic Publications	978-93-92153-40-2

ACHIEVEMENTS IN CO-CURRICULAR ACTIVITIES:

S.No.	Name of the Student	Name of the Place	Name of the Games & Sports	Dates	Achievements
1	K. Pydiraju	Timmarajupeta, Visakhapatnam	69 th Senior Inter District Kabaddi Championship for men & women	06-11-2021 to 08-11-2021	Participation
2	A. Sravani				
3	L. Meghana				
4	M. Nagajyothi	SSR Government College of Physical Education Gopannapalem West Godavari District	AP State Senior Inter District Women Football Tournament	12-11-2021 to 14-11-2021	Participation
5	K. Pydiraju	GMR Institute of Technology , GMR Nagar, Rajam, Srikakulam	Weight Lifting , 55kg	20-12-2021 to 21-12-2021	Silver
6	K. Pydiraju		Best Physique, 59kg		5 th Place
7	P. Joy Victor Babu		Weight Lifting , 61kg		Gold
8	P. Joy Victor Babu		Power Lifting , 61kg		Silver
9	M.V. Siva Brahma		Weight Lifting , 73kg		Bronze

10	A. Ashok Kumar		Weight Lifting , 81kg		Bronze
11	B. Yeshwanth Naidu		Weight Lifting , 96 kg		Silver
12	B. Yeshwanth Naidu		Power Lifting , 105kg		Bronze
13	G. Uma Maheswar Reddy		Power Lifting , 109kg		Silver
14	G. Uma Maheswar Reddy		Power Lifting , 109kg		Bronze
15	B. Naveen	Aditya College of Engineering, Surampalem	Athletics 400 Meters	26-12-2021 To 27-12-2021	Gold
16	B. Naveen		Athletics 200 Meters		Bronze
17	Jagadeesh		Athletics 5km		Silver
18	S. Sailesh Kumar	KLEF University, Guntur	South Zone Inter University Badminton (Men) tournament	06-12-2021 to 10-12-2021	Participation
19	G. Sri Charan	KLEF University, Guntur	South Zone Inter University Badminton (Men) tournament	06-12-2021 to 10-12-2021	Participation
20	K.V. Sai Rama Krishna	KLEF University, Guntur	South Zone Inter University Badminton (Men) tournament	06-12-2021 to 10-12-2021	Participation
21	T. Sruthi	SRM University, Chennai	South Zone Inter University Volleyball (Women) tournament	13-12-2021 to 16-12-2021	Participation
22	B. Naveen	Mangalore University, Mangalore	All India Inter University Athletics (Men) tournament	04-01-2022 to 07-01-2022	Participation
23	P. Sai Harish	Mahatma Gandhi University, Kottayam	South Zone Inter University Football (Men) tournament	05-01-2022 to 09-01-2022	Participation
24	K.V. Chandra Mouli				
25	S.A. Sai Vishnu Havish	KISS University, Bhubaneswar	All India Inter University Aquatics (Men & Women) tournament	22-12-2021 to 26-12-2021	Participation
26	S. Ram Sai	University of Calicut, Kerala	South Zone Inter University Hand Ball Tournament	18-03-2022 to 22-03-2022	Participation
27	A. Venkatesh				
28	K. Naga Venkata Teja	Hindustan of Technology & Science, Chennai	South Zone Inter University Cricket Tournament	06-06-2022 to 15-06-2022	Participation
29	P. Veera Amarnadh	Tadepalligudem West Godavari District	Sakshi Premier League District Level	03-04-2022	Runners
30	K. Pavan Kumar Reddy				
31	M. Venkatesh				
32	A. Nikhi				
33	G. Sai Prasad				
34	G.V. Surendra				

	Reddy				
35	I. Adarsh				
36	S.V. Sudhakar Reddy				
37	L. Rama Subba Reddy				
38	Ch. Suri Babu				
39	K.N.V. Teja				
40	M. Nani				
41	P. Madhu Kumar				
42	K. Jagadeesh				
43	P. Madhu				

LIST OF EVENTS CONDUCTED IN OUR CAMPUS

S.NO	EVENT NAME	DATES	CONDUCTED BY
1	AP STATE SENIOR WOMEN INTER DISTRICT FOOTBALL TOURNAMENT 2021	12-11-2021 to 14-11-2021	Association of West Godavari for Football
2	WEST GODAVARI DISTRICT MEN AND WOMEN KABADDI SELECTIONS	31-10-2021	West Godavari Kabaddi Association
3	KANNIYUKU SHOTOKAN ADVANCED TRAINING CAMP REFeree SEMINAR & EXAM	22-01-2022 to 23-01-2022	Japan Shotokan Kanninjuna Karate Organization of Andhra Pradesh
4	JNTUK WOMEN KABADDI SELECTIONS TRAILIS	20-02-2022	Sir C R Reddy College of Engineering
5	NEXGEN COMPANY 10 YEARS ANNIVERSARY CELEBRATION.	01-03-2022 to 06-03-2022	Sir C R Reddy College of Engineering

Achievements in Co-curricular activities:

S.No	Name of the students	Name of cultural activity	Name of the event & place	Date	Achievement
1	K. SriLekha	NIPUNA, model marathon	S.R.K.R Engg. College, BVRM	30-04-2022	1st Prize
2	K. Pavani				
3	M.N. Naga Lakshmi				

NO OF TEACHING STAFF DURING THE ACADEMIC YEAR 2020–21: 197

NO. OF NON-TEACHING STAFF DURING THE ACADEMIC YEAR 2020–21: 122

NO. OF STUDENTS DURING THE ACADEMIC YEAR 2020 – 21:**B. Tech: 3385 M. Tech: 49 MBA: 110 MCA: 4 Total: 3548**

Branch	I year	II Year	III Year	IV Year	Grand Total
CSE	198	217	210	204	829
ECE	194	209	216	190	809
EEE	74	157	175	152	558
IT	131	138	134	99	502
MECH	36	138	118	117	409
CIVIL	20	71	61	60	212
AI&DS	66	0	0	0	66
M. Tech	15	34	0	0	49
MBA	56	54	0	0	110
MCA	0	0	4	0	4
Total	790	1018	918	822	3548





Two Day Workshop on “ADVANCED COMPETITIVE CODING”

SIR C R REDDY COLLEGE OF ENGINEERING
Approved by AICTE, New Delhi & Accredited by NAAC, Permanently Affiliated to JNTUK, Kakinada
Valluru, Eluru, West Godavari, Andhra Pradesh, India - 534007

PY-XTreme
-AN INTRO ON PYTHON FOR IEEE XTREME 15.0

Date :- 27-09-2021
Monday @1:40 - 2:40 PM

SPEAKER

Ketan Keshav
Software Engineer at Rediffmail
Excom Member, IEEE Bangalore Section
Treasurer, IEEE YP
IEEE IIT Regional Lead Ambassador

Venue :- G-Glass room, Zoom
Mode of Conduction :- SEMI-HYBRID
YouTube Live link :- <https://youtu.be/8451QgCNv0>
YouTube Live QR 

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Py-Xtreme: an introduction to Python

SIR C R REDDY COLLEGE OF ENGINEERING
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Valluru, Eluru, West Godavari, Andhra Pradesh, India - 534007

EMBEDDED I-IOT
FOR next generation

Date :- 21-10-2021 TO 22-10-2021
FOLLOWED BY 24HRS
HACKATHON ON 23-10-2021

SPEAKER
Mr. U. Sairam,
MD, Coligan IT solutions.

SCHEDULE:-
Day 1:-
1. Sending Emails
2. Building StopWatch
3. Automate Daily Life
Day 2 :-
1. Creating a Chatbot
2. Creating a Virtual Assistant (MYSQL)
3. Web Scrapping
4. Building API
Day 3 :-
1. Introduction to Database
2. Connecting and Querying the Database

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Embedde I-IoT for next generation

SIR C R REDDY COLLEGE OF ENGINEERING
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Valluru, Eluru, West Godavari, Andhra Pradesh, India - 534007

WORKSHOP ON
ART OF WRITING A RESEARCH PAPER

Date : 23-04-2022 Time : 09.00 AM - 04.00 Pm

Venue : AC SEMINAR HALL

Resource Person:
Dr. B. T. P. Madhav
Professor, Dept. of ECE
K L University



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



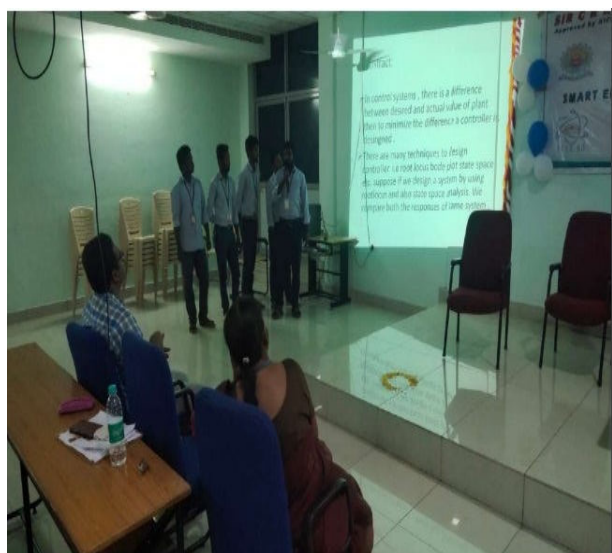
Art writing a Research Paper



National conference SECT-2022



6 day Workshop on Basic Robotics using Aurdino and IOT Applications



National Conference on Smart Electrical & Communication Technologies



One day workshop on Energy Conservation



One day workshop on Cyber Security



DESIGN THINKING & WEB DEVELOPMENT



CHALLENGES OF CYBER SECURITY & JOB OPPORTUNITIES FOR STUDENTS



WOMEN IN COVID-19 PANDEMIC



One Day Seminar on “Friction Stir Welding of Aluminium Alloys”



Revit Architecture (APSSDC)



Guest Lecture



Personality Development



Essay Writing



AP State Senior Women Inter District Football Tournament



Celebrated World Earth Day



**SOUTH ZONE INTER UNIVERSITY BADMINTON (MEN) TOURNAMENT
SOUTH ZONE INTER UNIVERSITY VOLLEYBALL (WOMEN) TOURNAMENT
K. V. Sai Rama Krishna, G. Sri Charan, S. Sailesh Kumar, T. Sruthi**



**All India Inter University Athletics (Men) Tournament
Held At Mangalore University, Mangalore**



Sakshi Premiere League from 03-04-2022



Weight Lifting, Power Lifting, Best Physique & Athletics Inter College Medal Players