

sl. No.	Name of the faculty	Academic Research			
		Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.		Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute	
		As provided in SAR	After evaluation (till the date of compliance report)	As provided in SAR	After evaluation (till the date of compliance report)
1	Dr. V.Venkata Rao	31	18		
2	Dr. K. Srinivasa Ravi				
3	Dr. K. Raju		11		
4	Dr. R. Siva kumar				
5	Dr. N.Veda Kumar				
6	Dr. J. Brahmaih Naik		3		
7	Dr. A.V. Nageswara Rao		6		
8	Dr. Sk. Bajid Vali		8		
9	Dr.B. Suneetha		6		
10	Dr. Y. Jaipal Reddy		3		
11	Dr.Sk.Ebraheem Khaleelulla		1		
12	Dr. K. Srinivasa Rao		3		
13	P. Bhagya Raju	6	1		
14	J. Narasimha Rao	10	1		
15	P.S.S.Chakravarthy	7	1		
16	N. Srinivasa Rao	4	1		
17	V. Naveen Raja	6	2		
18	M. Srinivasa Rao	2			
19	A. Raveendra Babu		3		
20	T. Indira	2	4		
21	G. Bhavani				

22	K. Sheela				
23	Sk. Mohammed Umar				
24	N. Narayana				
25	A. Venkat Siva				
26	Ch. Karthik				
27	N. Dasaradh				
28	A. Kanchana				
29	G. Samuel Joe Victor		2		
30	J. Pallavi				
31	Sk. Areefa Begam				
32	Ch. Adi Babu				
33	B. Srinivasa Rao				
34	Sk. Asifa				
35	Sk. Md. Gouse		1		
36	Sk. Masthan Shareef				
37	B. Siva Nageswara Rao		6		
38	M. Hari Haranadha Sastry		1		
39	G. Rajavali		1		
40	G. Sambasiva Rao				
41	Sk. Md. Shareef				
42	P. Jayababu				
43	P. Vinuthna				
44	D. Suneel				
45	Ch. Seshu Kumar		1		
46	G.Ramana Reddy				
47	M.B. Narendra				
48	A. Ramesh				
49	B.Baloji Naik				
50	B.Babu Rao				
51	Dr. Md. Javeed Ahamed				
52	Y.V.Lakshmaiah	2	2		

Dr. V. VENKATA RAO

A.Y. 2024-25

1. V. Venkata Rao, K. Srinivasa Rao, "Outage Analysis of IRS-NOMA System over η - μ Fading Channel", International Journal of Sensors, Wireless Communications and Control, Vol 15, Issue 1, pp. 58-63, January 2025
2. Dr. V. Venkata Rao, "DESIGN OF LOW POWER HIGH SPEED CMOS D FLIP-FLOP USING HYBRID LOW POWER TECHNIQUES", Mukta Shabd Journal, Vol:13, Issue:7, JULY 2024, pages:140-145

2023-24

1. Dr. V. VenkataRao, Mr. V. Naveen Raja, "A Classified Approach to Change Detection in Very High Resolution SAR Images for Surveillance Applications", Science, Technology and Development, Vol:12, Issue:11, November 2023, pages:171-179
2. V. venkataRao, k. Raju, A. V. Nageswara rao, sk. Bajidvali, "seventeen-level inverter model by cascading flying capacitor and floating capacitor h-bridges", NeuroQuantology, Vol:22, Issue:2, March 2024, pages:166-178
3. Dr. V. VenkataRao, Dr. Y. V. Lakshmaiah, "Printed Wideband Monopole Antenna with Band-notched Feature", 4th URSI AT-RASC, May 2024, pages:1-4
4. V. Venkata Rao, [et.al](#), "Lightweight Deep Learning Approach for Monkeypox Detection" Grenze International Journal of Engineering and Technology, pp. 5323-5330, June Issue, 2024.

2022-23

1. Dr.V.VenkataRao, Dr.Shaik Bajid Vali, "ADVANCED ROUNDING BASED APPROXIMATE MULTIPLIER (AROMA) AND MAC UNIT DESIGN", Journal of Emerging Technologies and Innovative Research , Vol:10, issue:5,May-2023, pp:e30-e35

2. Dr. V VenkataRao , Dr. A V Nageswararao , Dr.Y Jaipal Reddy, "MEASUREMENT AND CONTROL OF WATER FLOW USING IOT", Eur. Chem. Bull, Vol:12, issue:4, Apr-2023, pp:11509-11513
3. Dr. V. VenkataRao, Dr. Amit Gupta, "VIDOSAT: HIGH-DIMENSIONAL SPARSIFYING TRANSFORM LEARNING FOR ONLINE VIDEO DENOISING" ,The International journal of analytical and experimental modal analysis, Vol:14, issue:8, Sep-22, pp:842-845
4. Dr. V. VenkataRao, Dr. Amit Gupta, "Effective Design And Implementation Of AMBAHB Bus Protocol Using VHDL" ,The International journal of analytical and experimental modal analysis , Vol:14, issue:9, Sep-22, pp:810-815
5. Mr. V. VenkataRao, "SAR IMAGE SHIP DETECTION BASED ON DEEP LEARNING", JAC : A Journal Of Composition Theory, Vol:15, issue:8, Aug-22, pp:290-296
6. Mr. V. Venkata Rao, "4-Bit ALU Design using CMOS & GDI Techniques", JAC : A Journal Of Composition Theory, Vol:15, issue:9, Sep-22, pp:14-19
7. Dr. V. Venkata Rao, "IOT BASED SMART SAFETY MONITORING SYSTEM FOR SEWAGE WORKERS", JAC : A Journal Of Composition Theory, Vol:15, issue:9, Sep-22, pp:26-30
8. Mr. V. Venkata Rao, Dr. Amit Gupta, "DESIGN OF 32-BIT CARRY SELECT ADDER", JAC : A Journal Of Composition Theory, Vol:15, issue:8, Aug-22, pp:270-275

2021-22

1. Dr.V. Venkat Rao, "High Isolation Eight-Element MIMO Antenna Array Tightly Arranged Based on Embedded Meta-Material Cells", Indian Journal of Science and Technology, 2021/Vol 14
2. Dr.V.Venkata Rao, "Human gait detection using silhouette image recognition", Turkish Journal of Computer and Mathematics Education (TJCME), 2021/Vol.1.
3. Mr. VenkataRao, "OCR BASED FASTag USING RASPBERRY PI", The International journal of analytical and experimental modal analysis, 2021/Volume XIII, Issue VIII.

Books:

2023-24	2	Dr. V. Venkata Rao & Dr. B. Suneetha	Basic Electrical and Electronics Engineering	Amaravathi Publisher	978-93-93199-44-7	2023	Book
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Dr. K. Raju

2024-25

1. Dr. K. Raju, "Iot-Based Leaf Disease Identification And Detection Using Successive Method For Feature Extraction", Tuijin Jishu/Journal of Propulsion Technology, Vol:45, Issue:4, Oct- 2024, pages:591-598

2023-24

1. Dr. K. Raju, "Feature Selection for Rice Plant Leaf Disease Detection with K-Means Clustering", International Journal of Engineering Trends and Technology, Vol:71, Issue:6, June 2023, pages:45-54

2. V. venkata rao, k. Raju, a. V. Nageswara rao, sk. Bajidvali, "seventeen-level inverter model by cascading flying capacitor and floating capacitor h-bridges", NeuroQuantology, Vol:22, Issue:2, March 2024, pages:166-178

2022-23

1. Dr. K. Raju, Dr. Amit Gupta , “ Design of IoT Based Security System for Industry 5.0: Applications and Challenges”, YMER, Vol:21, issue:10,Oct-22, pp:1633-1641
2. Dr.K.Raju, "Design and Analysis of Efficient Phase Locked Loop For Fast Phase and Frequency Acquisition", Science, Technology and Development, Vol:11, issue:11,Sep-22, pp:169-172
3. Dr. K. Raju, "IMAGE QUALITY ENHANCEMENT USING FUSED PYRAMID TECHNIQUE", Science, Technology and Development , Vol:11, issue:8,Aug-22, pp:347-349
4. Dr.K.Raju, "IOT based covid patient health monitoring system", The International journal of analytical and experimental modal analysis , Vol:14, issue:9,Sep-22, pp:804-809
5. Dr. K. Raju, "An improved GABOR wavelet transform and rough k-means clustering algorithm for MRI BRAIN tumor image segmentation", Multimedia Tools and Applications, Vol:5, issue:5, Feb-23, pp:28143 – 28164"
6. Dr. K. Raju, "An efective image denoising method with the integration of thresholding and optimized bilateral filtering", Multimedia Tools and Applications, Vol:5, issue:3,Apr-23, pp:43923–43943
7. Dr. K. Raju, "Balancing module in evolutionary optimization and Deep Reinforcement Learning for multi-path selection in Software Defined Networks", Physical Communication, Vol:56, issue:5,Nov-22, pp:

2021-22

1. Mr. K. Raju," REAL TIME HOME SURVEILLANCE SYSTEM WITH ALERT MECHANISM USING RASPBERRY PI", The International journal of analytical and experimental modal analysis,2021/Volume XIII, Issue VIII.

Dr.A.V. Nageswara Rao

A.Y. 2023-24

1. Dr.A.V. Nageswara Rao, "Engine combustion and emission analysis using optical methods:An Overview", Materials Today Proceedings,
2. V. venkataRao, k. Raju, A. V. Nageswara rao, sk. Bajidvali, "seventeen-level inverter model by cascading flying capacitor and floating capacitor h-bridges", NeuroQuantology, Vol:22, Issue:2, March 2024, pages:166-178

2022-23

1. Dr. A. V. Nageswara Rao,"RAILWAY EMERGENCY DETECTION ANDRESPONSE SYSTEM USING IOT",Science, Technology and Development , Vol:11, issue:8,Aug-22, pp:341-346

2. Dr.Y Jaipal Reddy, Dr. V Venkata Rao , Dr. A V Nageswararao , "MEASUREMENT AND CONTROL OF WATER FLOW USING IOT", Eur. Chem. Bull, Vol:12, issue:4, Apr-2023, pp:11509-11513
3. Dr. B. Suneetha, Dr. A.V. Nageswara Rao, Dr Sk. Bajid Vali, "Deep learning based classification of Covid-19 Lung Images", Journal of population Therapeutics & Clinical Pharmacology, Vol:30, issue:2, Jan-23, pp:415-422

Books

2023-24	1	Dr. SK Bajid vali, Dr. A. V. Nageswara Rao	AI and IoT Technology and Applications for Smart Healthcare Systems	Auerbach Publications	978-10-32679-64-8	Nov-23	Book chapter
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Dr. Shaik. Bajid Vali

A.Y. 2023-24 (CAYM1)

1. V. venkataRao, k. Raju, A. V. Nageswara rao, sk. Bajidvali, "seventeen-level inverter model by cascading flying capacitor and floating capacitor h-bridges", NeuroQuantology, Vol:22, Issue:2, March 2024, pages:166-178

2022-23

1. Dr. Shaik. Bajid Vali, "Significance Of Image Matting For Fundus Images", JAC : A Journal Of Composition Theory, Vol:15, issue:9, Sep-22, pp:46-50
2. Dr. B. Suneetha, Dr. A.V. Nageswara Rao, Dr Sk. Bajid Vali, "Deep learning based classification of Covid-19 Lung Images", Journal of population Therapeutics & Clinical Pharmacology, Vol:30, issue:2, Jan-23, pp:415-422
3. Dr.V.VenkataRao, Dr.Shaik Bajid Vali, "ADVANCED ROUNDING BASED APPROXIMATE MULTIPLIER (AROMA) AND MAC UNIT DESIGN", Journal of Emerging Technologies and Innovative Research , Vol:10, issue:5, May-2023, pp:e30-e35

2021-22

1. Dr S K Bajidvali, "High Isolation Eight-Element MIMO Antenna Array Tightly Arranged Based on Embedded Meta-Material Cells", Indian Journal of Science and Technology, 2021/Vol 14,

Books

2022-23	1	Dr SK Bajid vali	Artificial Intelligence for Internet of Things	CRC Press, London	978-10-32210-28-5	2022	Book chapter
	2	Dr. SK Bajid vali	Mechatronics	Jaya Lakshmi Publications	978-93-91987-	2022	Book

					12-1		
2023-24	1	Dr. SK Bajid vali, Dr. A. V. Nageswara Rao	AI and IoT Technology and Applications for Smart Healthcare Systems	Auerbach Publications	978-10-32679-64-8	Nov-23	Book chapter

Dr. J. Brahmaiah Naik

2024-25

1. J .Brahmaiah Naik, Y.Jaipal Reddy, "An Effective and Safe Method for Digital Image Watermarking That Uses RDWT Algorithms with SVD and Firefly", Tuijin Jishu/Journal of Propulsion Technology, Vol:45, Issue:3, Aug - 2024, pages:136-142
2. J .Brahmaiah Naik, "Brain Tumor Detection through Image Fusion Using Cross Guided Filter and Convolutional Neural Network", ECTI Transactions on Computer and Information Technology, Vol:18, Issue:4, Oct- 2024, pages:579 - 590

2023-24

1. Dr. J. Brahmaiah Naik, "Deep Learning Techniques for Breast Cancer Detection", Eur. Chem. Bull, Vol:12, Issue:10, August, 2023, pages:4755-4762

2022-23

2021-22

Dr. Y. Jaipal Reddy

2024-25 +

1. J .Brahmaiah Naik, Y.Jaipal Reddy, "An Effective and Safe Method for Digital Image Watermarking That Uses RDWT Algorithms with SVD and Firefly", Tuijin Jishu/Journal of Propulsion Technology, Vol:45, Issue:3, Aug - 2024, pages:136-142

2023-24

1. Dr. Y. Jaipalreddy, "Fuzzy Intrusion detection method and zero knowledge authentication for internet of things networks", International Journal of Intelligent systems and Applications in Engineering, Vol:12, Issue:16, February 2024, pages:289-296

2022-23

4. Dr.Y Jaipal Reddy, Dr. V Venkata Rao , Dr. A V Nageswararao , "MEASUREMENT AND CONTROL OF WATER FLOW USING IOT", Eur. Chem. Bull, Vol:12, issue:4, Apr-2023, pp:11509-11513

2021-22

Dr. B. Suneetha

2024-25

1. Dr. B. Suneetha, "An Efficient Architecture for signed carry save multiplication", African diaspora journal of Mathematics , Vol:27, Issue:4, Dec 2024, pages:56-60

2023-24

1. Dr. B. Suneetha, "Sentiment Analysis of Social Media reviews Using Machine Learning and Word Embedding Techniques", Eur. Chem. Bull, Vol:12, Issue:10, August, 2023, pages:11771-11778.
2. Dr. B. Suneetha, "Design of High-Performance GDI-ALU Utilizing 10 T Adder Cells", Mukta Shabd Journal, Vol:13, Issue:6, June 2024, pages:1272-1277

2022-23

1. Dr. B. Suneetha, Dr. A.V. Nageswara Rao, Dr Sk. Bajid Vali, "Deep learning based classification of Covid-19 Lung Images", Journal of population Therapeutics & Clinical Pharmacology, Vol:30, issue:2,Jan-23, pp:415-422
2. Mrs. B. Suneetha,"ROAD DETECTION AND SEGMENTATION FROM AERIAL IMAGES", Science, Technology and Development , Vol:11, issue:8,Sep-22, pp:374-376

2021-22

Books

2023-24	2	Dr. V. Venkata Rao & Dr. B. Suneetha	Basic Electrical and Electronics Engineering	Amaravathi Publisher	978-93-93199-44-7	2023	Book
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Dr. Sk. Ebraheem Khaleelulla

2023-24

1. Dr. Sk. Ebraheem Khaleelulla, "Design A Super Ultra-Wideband Antenna For 6G Applications Using CST Tool", Mukta Shabd Journal, Vol: XIII, Issue: IV, April 2024, pages:598-607

2022-23

2021-22

Dr. K. Srinivasarao

2024-25

1. K. Srinivasa Rao, V. Venkata Rao, "Outage Analysis of IRS-NOMA System over η - μ Fading Channel", International Journal of Sensors, Wireless Communications and Control, Vol 15, Issue 1, pp. 58-63, January 2025

2023-24

1. Dr. K Srinivasarao, "Outage analysis for user pairing based downlink C-NOMA network with receiver diversity techniques over $\eta - \mu$ fading channel", Sadhana, Vol:48, Issue:218, October 2023, pages:218:1-10
2. Dr. K. Srinivasarao, "Outage and average sum-rate analysis of intelligent reflecting surface assisted nonorthogonal multiple access system over η - μ fading channel", International journal of communication systems, Vol:37, Issue:11, June 2024, pages:45303

2022-23

2021-22

Dr. Y. V. Lakshmaiah

2023-24

1. Dr. Y. V. Lakshmaiah, "Semi-Elliptical Slotted UWB MIMO Antenna with Multiple Notch Characteristics and High Isolation", 4th URSI AT-RASC, through Proceedings, Issue:-, May 2024, pages:45295"
2. Dr. Y. V. Lakshmaiah, Dr. V. Venkata Rao, "Printed Wideband Monopole Antenna with Band-notched Feature", 4th URSI AT-RASC, May 2024, pages:1-4

2022-23

2021-22

Dr. S. Siva NageswaraRao

2022-23

1. Mr. B. Siva Nageswara Rao, "SKIN DISEASE DETECTION USING SEQUENTIAL AND INCEPTIONV3 MODELS", JAC : A Journal Of Composition Theory, Vol:14, issue:9, Sep-22, pp:40-45
2. Mr. B. Siva Nageswara Rao, "Image Processing And Machine Learning Used For Skin Disease Detection", The International journal of analytical and experimental modal analysis , Vol:14, issue:10, Oct-22, pp:503-507
3. Mr. B. Srinivasa Rao, "Design of an IOT based Autonomous Vehicle with the Aid Computer Vision", The International journal of analytical and experimental modal analysis , Vol:14, issue:9, Sep-22, pp:826-828

Books:

2024-25	1	Dr. B. Shiva Nageswara Rao	Sustainable Electronics: Green Technologies and Environmental Impact		978-81-969115-0-8	Aug - 2024	Book chapter
	2	Dr. B. Shiva Nageswara Rao	Robotics and Automation: Integration of Electronics for Intelligent Machines		978-81-969115-0-8	Aug - 2024	Book chapter
	3	Dr. B. Shiva Nageswara Rao	Data Science For Beginners	PKS Publications	9978-81-19762-34-7	Aug - 2024	Book

Mr. P.S.S. Chakravarthy

2022-23

1. Mr. P. S. S. Chakravarthy, "AUTOMATED VISION BASED SURVILLANCE SYSTEM TO DETECT DROWNING INCIDENCE IN SWIMMING POOLS", Science, Technology and Development , Vol:11, issue:11,Sep-22, pp:204-208

Mr. J. NarasimhaRao

2022-23

1. Mr. J. Narasimha Rao, "Deep Learning for Face Recognition Based on Log-Gabor and LBP", Science, Technology and Development , Vol:11, issue:11,Sep-22, pp:173-177

Mr. N. Srinivasarao

2022-23

1. Mr. N. Srinivasa Rao, "IOT Based Automatic Vehicle Accident Detection and Rescue System", The International journal of analytical and experimental modal analysis , Vol:14, issue:9,Aug-22, pp:846-849

Mr. M.H.H.Sastry

2022-23

1. Mr. M.H.H.Sastry,"Real Time Vehicle Detection and Tracking by Using Raspberry Pi", The International journal of analytical and experimental modal analysis , Vol:14, issue:9,Sep-22, pp:829-832

Mr.P. Bhagra Raju

2022-23

1. Mr.P. Bhagra Raju, "Missing Person Detection System Using IOT",JAC : A Journal Of Composition Theory, Vol:14, issue:9,Sep-22, pp:31-39

Mr. V. Naveen Raja

2023-24

1. Dr. V. Venkata Rao, Mr. V. Naveen Raja, "A Classified Approach to Change Detection in Very High Resolution SAR Images for Surveillance Applications", Science, Technology and Development, Vol:12, Issue:11, November 2023, pages:171-179

2022-23

1. Mr. V. Naveen Raja, "IOT BASED SMART WEARABLE DEVICE FOR WOMEN SAFETY", Science, Technology and Development , Vol:11, issue:11,Sep-22, pp:196-203

Mr. A. Ravindra Babu

2022-23

1. A Raveendra Babu,"Design And Implementation Of Chaotic Non- Deterministic Random Seed-Based Hybrid True Random Number Generator", Science, Technology and Development , Vol:11, issue:8,Aug-22, pp:384-389
2. Mr. A. Raveendra Babu,"VLSI Architecture for High Performance Wallace Tree Encoder",Science, Technology and Development , Vol:11, issue:8,Aug-22, pp:391-395
3. Mr. A. Raveendra Babu,"Low Power Design of 4-Bit Simultaneous Counter Using Digital Switching Circuits for Low Range Counting Applications", JAC : A Journal Of Composition Theory, Vol:15, issue:8,Aug-22, pp:265-269

Mrs. T. Indira

2024-25

1. T. Indira, "DESIGN AN AREA EFFICIENT KOGGE STONE ADDER USING PASS TRANSISTOR LOGIC", Mukta Shabd Journal, Vol:13, Issue:7, JJULY 2024, pages:120-126

2022-23

1. Mrs. T. Indra,"Analysis of high speed Hybrid Full Adder" ,Science, Technology and Development , Vol:11, issue:11,Sep-22, pp:178-181

2. Mrs. T. Indira, "Design of Low-power Retentive True Single Phase-Clocked Flip-Flop for Digital systems", Science, Technology and Development , Vol:11, issue:8, Aug-22, pp:377-383
3. Mrs. T. Indira, "AN IMPLEMENTATION OF 2 TO 4 AND 4 TO 16 DECODER USING DVL, DPL, TGL AND CMOS LOGIC", The International journal of analytical and experimental modal analysis , Vol:14, issue:8, Sep-22, pp:822-825

Mrs. RajaVali

2022-23

1. Mrs. G.RajaVali, "IMAGE FUSION USING CONVOLUTIONAL NEURAL NETWORK WITH BILATERAL FILTERING", The International journal of analytical and experimental modal analysis , Vol:14, issue:8, Aug-22, pp:818-830

Mr. Sk. Md. Gouse

2022-23

1. Mr. Shaik Mahammad Gouse, "IoT Based Smart School Bus Monitoring and Notification System", Science, Technology and Development , Vol:11, issue:11, Sep-22, pp:185-189

Mr. Sk. Masthan sharif

2022-23

1. Mr. SK.M.Sharif, "DESIGN OF IOT BASED AUTONOMOUS VEHICLE WITH AID COMPUTER VISION", Science, Technology and Development , Vol:11, issue:11, Sep-22, pp:190-195

Mr. CH. Seshu Kumar

2023-24

1. Mr. Ch. Seshu Kumar, "Gray Wolf Optimization Based Controller design For a Two Tank System", Eur. Chem. Bull, Vol:12, Issue:7, August, 2023, pages:4019-4028

Mr. G.S.J. Victor

2023-24

1. G. Samuel Joe Victor, "Performance Comparison of Security Level of Cryptosystems by using Machine Learning", Tuijin Jishu / Journal of Propulsion Technology, Vol:44, Issue:4, October 2023, pages:6007-6015

2022-23

1. Mr. G.S.J. Victor, "E-Vehicle Using Solar Charging Station", The International journal of analytical and experimental modal analysis , Vol:14, issue:10,Oct-22, pp:508-510