		Academic Research						
sl. No.	Name of the faculty	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				
SI. NO.	Name of the faculty	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							

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 30 J. Pallavi 31 Sk. Arefa 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 38 M. Hari Haranadha Sastry 1 39 G. Rajavali 40 G. Sambasiva Rao 41 Sk. Md. Shareef 42 P. Jayababu 43 P. Vinuthna 44 D. Suneel 45 Ch. Seshu Kumar 46 G.Ramana Reddy 47 M.B. Narendra 48 A. Ramesh 49 B.Baloji Naik	22	K. Sheela			
25       A. Venkat Siva         26       Ch. Karthik         27       N. Dasaradh         28       A. Kanchana         29       G. Samuel Joe Victor         30       J. Pallavi         31       Sk. Arcefa Begam         32       Ch. Adi Babu         33       B. Srinivasa Rao         34       Sk. Asifa         35       Sk. Md. Gouse         36       Sk. Masthan Shareef         37       B. Siva Nageswara Rao         38       M. Hari Haranadha Sastry         39       G. Rajavali         40       G. Sambasiva Rao         41       Sk. Md. Shareef         42       P. Jayababu         43       P. Vinuthna         44       D. Suncel         45       Ch. Seshu Kumar       1         46       G.Ramana Reddy         47       M.B. Narendra         48       A. Ramesh	23	Sk. Mohammed Umar			
26       Ch. Karthik         27       N. Dasaradh         28       A. Kanchana         29       G. Samuel Joe Victor         30       J. Pallavi         31       Sk. Arcefa Begam         32       Ch. Adi Babu         33       B. Srinivasa Rao         34       Sk. Asifa         35       Sk. Md. Gouse         1       36         36       Sk. Masthan Shareef         37       B. Siva Nageswara Rao         38       M. Hari Haranadha Sastry         1       1         39       G. Rajavali         40       G. Sambasiva Rao         41       Sk. Md. Shareef         42       P. Jayababu         43       P. Vinuthna         44       D. Suncel         45       Ch. Seshu Kumar       1         46       G.Ramana Reddy         47       M.B. Narendra         48       A. Ramesh	24	N. Narayana			
27       N. Dasaradh         28       A. Kanchana         29       G. Samuel Joe Victor         30       J. Pallavi         31       Sk. Areefa Begam         32       Ch. Adi Babu         33       B. Srinivasa Rao         34       Sk. Asifa         35       Sk. Md. Gouse         36       Sk. Masthan Shareef         37       B. Siva Nageswara Rao         38       M. Hari Haranadha Sastry         39       G. Rajavali         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	25	A. Venkat Siva			
28       A. Kanchana         29       G. Samuel Joe Victor         30       J. Pallavi         31       Sk. Areefa Begam         32       Ch. Adi Babu         33       B. Srinivasa Rao         34       Sk. Asifa         35       Sk. Md. Gouse         36       Sk. Masthan Shareef         37       B. Siva Nageswara Rao         40       G. Rajavali         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	26	Ch. Karthik			
29       G. Samuel Joe Victor       2         30       J. Pallavi       2         31       Sk. Areefa Begam       32         32       Ch. Adi Babu       33         33       B. Srinivasa Rao       1         34       Sk. Asifa       1         35       Sk. Md. Gouse       1         36       Sk. Masthan Shareef       6         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	27	N. Dasaradh			
30	28	A. Kanchana			
31       Sk. Areefa Begam         32       Ch. Adi Babu         33       B. Srinivasa Rao         34       Sk. Asifa         35       Sk. Md. Gouse         36       Sk. Masthan Shareef         37       B. Siva Nageswara Rao         40       G. Rajavali         40       G. Sambasiva Rao         41       Sk. Md. Shareef         42       P. Jayababu         43       P. Vinuthna         44       D. Suncel         45       Ch. Seshu Kumar         46       G.Ramana Reddy         47       M.B. Narendra         48       A. Ramesh	29	G. Samuel Joe Victor		2	
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  40 G. Sambasiva Rao  41 Sk. Md. Shareef  42 P. Jayababu  43 P. Vinuthna  44 D. Suneel  45 Ch. Seshu Kumar  1 G.Ramana Reddy  47 M.B. Narendra  48 A. Ramesh	30	J. Pallavi			
33 B. Srinivasa Rao 34 Sk. Asifa 35 Sk. Md. Gouse 10 36 Sk. Masthan Shareef 37 B. Siva Nageswara Rao 6 8 8 M. Hari Haranadha Sastry 10 39 G. Rajavali 11 40 G. Sambasiva Rao 41 Sk. Md. Shareef 42 P. Jayababu 43 P. Vinuthna 44 D. Suneel 45 Ch. Seshu Kumar 46 G.Ramana Reddy 47 M.B. Narendra 48 A. Ramesh	31	Sk. Areefa Begam			
34       Sk. Asifa         35       Sk. Md. Gouse       1         36       Sk. Masthan Shareef       6         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	32	Ch. Adi Babu			
35       Sk. Md. Gouse       1         36       Sk. Masthan Shareef       6         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	33	B. Srinivasa Rao			
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         41       Sk. Md. Shareef       42         42       P. Jayababu       43         43       P. Vinuthna       44         44       D. Suneel       45         45       Ch. Seshu Kumar       1         46       G.Ramana Reddy       47         47       M.B. Narendra       48         48       A. Ramesh       48	34	Sk. Asifa			
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         46       G.Ramana Reddy         47       M.B. Narendra         48       A. Ramesh	35	Sk. Md. Gouse		1	
38       M. Hari Haranadha Sastry       1         39       G. Rajavali       1         40       G. Sambasiva Rao       1         41       Sk. Md. Shareef       2         42       P. Jayababu       3         43       P. Vinuthna       3         44       D. Suneel       3         45       Ch. Seshu Kumar       1         46       G.Ramana Reddy       3         47       M.B. Narendra       48         48       A. Ramesh       3	36	Sk. Masthan Shareef			
39 G. Rajavali  40 G. Sambasiva Rao  41 Sk. Md. Shareef  42 P. Jayababu  43 P. Vinuthna  44 D. Suneel  45 Ch. Seshu Kumar  46 G.Ramana Reddy  47 M.B. Narendra  48 A. Ramesh	37	B. Siva Nageswara Rao		6	
40 G. Sambasiva Rao 41 Sk. Md. Shareef 42 P. Jayababu 43 P. Vinuthna 44 D. Suneel 45 Ch. Seshu Kumar 46 G.Ramana Reddy 47 M.B. Narendra 48 A. Ramesh	38	M. Hari Haranadha Sastry		1	
41       Sk. Md. Shareef         42       P. Jayababu         43       P. Vinuthna         44       D. Suneel         45       Ch. Seshu Kumar         46       G.Ramana Reddy         47       M.B. Narendra         48       A. Ramesh	39	G. Rajavali		1	
42       P. Jayababu         43       P. Vinuthna         44       D. Suneel         45       Ch. Seshu Kumar         46       G.Ramana Reddy         47       M.B. Narendra         48       A. Ramesh	40	G. Sambasiva Rao			
43       P. Vinuthna         44       D. Suneel         45       Ch. Seshu Kumar         46       G.Ramana Reddy         47       M.B. Narendra         48       A. Ramesh	41	Sk. Md. Shareef			
44       D. Suneel         45       Ch. Seshu Kumar       1         46       G.Ramana Reddy       47         47       M.B. Narendra       48         48       A. Ramesh       48	42	P. Jayababu			
45 Ch. Seshu Kumar 1  46 G.Ramana Reddy  47 M.B. Narendra  48 A. Ramesh	43	P. Vinuthna			
46 G.Ramana Reddy 47 M.B. Narendra 48 A. Ramesh	44	D. Suneel			
47 M.B. Narendra 48 A. Ramesh	45	Ch. Seshu Kumar		1	
48 A. Ramesh	46	G.Ramana Reddy			
	47	M.B. Narendra			
49 B.Baloji Naik	48	A. Ramesh			
	49	B.Baloji Naik			
50 B.Babu Rao	50	B.Babu Rao			
51 Dr. Md. Javeed Ahamed	51	Dr. Md. Javeed Ahamed			
52 Y.V.Lakshmaiah 2 2	52	Y.V.Lakshmaiah	2	2	

#### Dr. V. VENKATA RAO

#### A.Y. 2024-25

- 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", Mukt 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, <u>et.al</u>, "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 (AROBA) 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 AMBAAHB 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:

21 Distriction Licensing Lighteening 1 densites 33233 117	2023-	Dr. V. Venkata Rao & Dr. B. Suneetha	Basic Electrical and Electronics Engineering	Amaravathi Publisher	978-93- 93199-44-7	2023	Book
-----------------------------------------------------------	-------	--------------------------------------	-------------------------------------------------	-------------------------	-----------------------	------	------

## Dr. K. Raju

## 2024-25

1. Dr. K. Raju, "Iot-Based Leaf Disease Identification And Detection Uing 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 Proceddings,
- 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	Al and IoT Technology and Applications for Smart Healthcare Systems	Auerbach Publications	978-10- 32679- 64-8	Nov- 23	Book chapter
-------------	---	--------------------------------------------------	---------------------------------------------------------------------------	--------------------------	---------------------------	------------	-----------------

# 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 (AROBA) 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-	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	Al 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", Mukt 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	Dr. V. Venkata Rao & Dr. B. Suneetha	Basic Electrical and Electronics Engineering	Amaravathi Publisher	978-93- 93199-44-7	2023	Book
---------	--------------------------------------	-------------------------------------------------	-------------------------	-----------------------	------	------

## Dr. Sk. Ebraheem Khalelulla

## 2023-24

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

2022-23

2021-22

Dr. K. Srinivasarao

*2024-25* 

 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:

	1	Dr. B. Shiva Nageswara Rao	Sustainable Electronics: Green Technologies and Environmental Impact		978-81- 969115-0-8	Aug - 2024	Book chapter
2024- 25	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. Bhagya 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", Mukt 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 DECODERUSING 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 NRURAL 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