



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Approved by AICTE, New Delhi, Affiliated to JNTUK, Kakinada

Mylavaram – 521230, NTR Dist. Andhra Pradesh, India

Research and Development Cell

Date: 30-06-2026.

Details of R & D Accomplishments during the A.Y: 2025-26

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| i. | No. of SCI/ESCI papers | : 66/24 |
| ii. | No. of Papers in Scopus indexed Journals | : 90 |
| iii. | No. of Papers in Conf. Proceedings indexed by Scopus | : 171 |
| | Total Papers in SCI & Scopus | : 351 |
| iv. | No. of Non Indexed Journals/Conferences | : 52/11 |
| v. | No. of Books/Chapters published | : 25/37 |
| vi. | No. of Patents Granted/Published | : 00/87 |

R & D Publications for the A.Y: 2025-26

(From 1st July 2025 – 30th June 2026)

Details of Publications @ 30.06.2026											
S.No	Dept.	SCI	ESCI	S-J	S-C	Total	N-I (J)	N-I (C)	Books	Chapters	Patent-P
1.	AI&DS			15	32	47	8	2	7	3	16
2.	ASE	2				2					1
3.	CE			7	1	8	1		3		5
4.	CSE	7		20	53	80	7	2	3	8	11
5.	CSM	2		2	7	11		1	1	4	4
6.	ECE	18	11	16	20	65		5	2	2	15
7.	EEE	4	1	11	14	30	4	1	2	1	4
8.	IT	2	1	6	24	33	1		1	3	4
9.	ME	9	8	3	14	34	2		2	8	12
10.	MBA			3	2	5	21		1	6	10
11.	FED	22	3	7	4	36	8		3	2	5
Total		66	24	90	171	351	52	11	25	37	87
Grand Total		563									

S. No	Details
Journals: SCI/SCIE- Aerospace Engineering: 02	
1.	Lovaraju Pinnam , Ruby Kurapati, Dakshina Murthy Inturi and Ethirajan Rathakrishnan. " Flow field characteristics of isolator with fluidic injection " International Journal of Turbo & Jet-Engines, vol. 43, no. 1, 2026, pp. 215-222. Nov. 10, 2025, ISSN 0334-0082, https://doi.org/10.1515/tjj-2025-0075 SCIE-Q4, I.F: 0.9
2.	Prakash, K.B., Lovaraju, P. & Rathakrishnan, E. Effect of Spacing and Canting on Twinjet Characteristics . Fluid Dyn 60, 145 (05 Feb 2026). ISSN 0015-4628 https://doi.org/10.1134/S0015462825603134 , SCIE-Q4, I.F: 0.6
Journals: SCI/SCIE - Computer Science and Engineering: 07	
3.	Pratap Kumar Dakua, Rajib Kumar Dash, Banda Saisandeep, Subba Rao Polamuri, I Lakshmi Manikyamba, Hari Jyothula, S. Nagarjuna Reddy , Ch V. Sivaram Prasad, Kumar Neupane, Modeling and analysis of an environmentally friendly CuBi2O4 solar cell with advanced n/p/p+ architecture , Journal of Physics and Chemistry of Solids, Volume 208, Part 2, 20 th September 2025, 113227, ISSN 0022-3697, https://doi.org/10.1016/j.jpcs.2025.113227 . SCIE-Q2, I.F: 4.9, ORCID Linked
4.	E. S. Phalguna Krishna, Gowtham Mamidisetti, Sai Srinivas Vellela, Kranthi Kumar Lella, Veeraiah Duggineni & N. Balakrishna, " Capsule-enhanced hierarchical vision transformers for rare disease classification from medical images ", Scientific Reports, 16, Article number: 28257 (2026), Published: 20 June 2026, 2045-2322. https://doi.org/10.1038/s41598-026-58326-z , SCI- Q1, IF: 3.9
5.	Venkata Ramana Gupta Nallagattla, Amrita Rai, S. Thangam, G. Joel Sunny Deol, Abburi Srirama Kanaka Ratnam, J. Nageswara Rao , A. Santhi Mary Antony, K. Balasubramanian, Shamimul Qamar, Blockchain-enabled IoT framework with energy-efficient machine learning for scalable and secure smart cities , Sustainable Computing: Informatics and Systems, Volume 48, December 2025, 101212, ISSN 2210-5379, https://doi.org/10.1016/j.suscom.2025.101212 . SCIE-Q1, I.F: 5.7
6.	Surla Govindu , O.Rama Devi, M. Sitharam, Venkatesh Koreddi, Meriga Kiran Kumar, M. Sunitha, Cutting-edge CNN-based skin cancer detection with batch normalization and advanced imbalance learning for superior medical image classification , Biomedical Signal Processing and Control, Volume 113, Part C, 2026, 108929, ISSN 1746-8094, https://doi.org/10.1016/j.bspc.2025.108929 . SCIE-Q2, I.F: 4.9
7.	Dr. Sunilkumar Ketineni , Dr. Sheela Jayachandran, Hierarchical Attention Multi Model Deep Learning for Multi Document Summarization , International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, Vol. 34, Issue No. 2 (March 2026), ISSN 1793-6411 DOI: 10.1142/S0218488526500108 SCIE-Q4, I.F: 1.0
8.	A. Divya, S. Ramesh, Sadashiva V. Chakrasali, Meriga Kiran Kumar , Mohammad Taj, Rajendra Kumar Ganiya, J. Nageswara Rao, Balasubramanian K, Shamimul Qamar, Federated digital-twin-

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	empowered blockchain architecture for autonomous and resilient smart water management in sustainable cities , Sustainable Computing: Informatics and Systems, Volume 50, 2026, 101303, ISSN 2210-5379, https://doi.org/10.1016/j.suscom.2026.101303 . SCIE-Q1, I.F: 5.7
9.	S. R. Gottam and U. N. Kar, "A Hybrid Quantum-Meta Reinforcement Learning and Graph Attention Transformer Approach for Low-Latency and a Secure D2D Routing in 6G Cellular Networks," in IEEE Access, vol. 14, pp. 25017-25037, 16 th February 2026, ISSN 2169-3536 doi: 10.1109/ACCESS.2026.3664972 SCIE-Q2, I.F: 3.6
Journals: SCI/SCIE - Computer Science and Engineering (AI&ML): 02	
10.	Syed K, Asiya Begum SS, Palakayala AR, Vidya Lakshmi GV, Gorikapudi S (2025) Leaf disease detection and classification in food crops with efficient feature dimensionality reduction. PLoS One 20(8): e0328349. https://doi.org/10.1371/journal.pone.0328349 SCIE-Q2, I.F: 3.6
11.	Spandana Mande, Shaik Salma Asiya Begum , Putta Durga, Sachi Nandan Mohanty, Fernando Moreira, Generalization analysis of ANN-Based routing protocols for diverse vehicular environments in VANETs , Franklin Open, Volume 13, 2025, 100430, ISSN 2773-1863, https://doi.org/10.1016/j.fraope.2025.100430 SCIE-Q2, I.F: 0.52
Journals: SCI/SCIE - Electronics and Communication Engineering: 18	
12.	Prakash, V. N. V. S., Basha, M. M., Faruk, S. K. U., Madhurima, V., & Gundala, S. (2025). S3 learning: image enhancement using optimized very deep homomorphic filtering enabled image enhancer. The Imaging Science Journal, 73(8), 1012–1033. ISSN 1368-2199 / 1743-131X https://doi.org/10.1080/13682199.2025.2550060 SCIE- Q4, I.F: 1.1
13.	Girija Sravani Kondavitee, Rapolu Anil Kumar, A. Srisaila, A. Narendra Babu , Gandikota Naga Chandrika, Koushik Guha, Jacopo Lannaci, Srinivasa Rao Karumuri, A novel gate-staggered ferroelectric DM-JLTFET biosensor with T-channel and L-cavity for label-free cancer biomarker detection. Microsystem Technologies, 31, 3519–3532 (2025). ISSN 0946-7076 https://doi.org/10.1007/s00542-025-05905-1 SCIE, Q3, I.F:1.8
14.	VN Senthil Kumaran, K L V Ramana Kumari, A Narendra Babu , T Srinivasa Ravi Kiran, P Parthasarathy, Shoeib Amin Banday, V Vijaya Sri Bolisetty, Hashim Elshafie, M Azath, M Venkatesh, Srinivasa Rao Karumuri, Plasmon-Coupled Au-Ag Alloy/Silicon Nanowire SERS Platform for Multiplexed Detection of CA-125 and MUC1 Biomarkers , IEEE Sensors Journal, pp.1-8, January 2026, ISSN: 1558-1748 10.1109/JSEN.2026.3681909 SCIE, Q1, IF:4.5 Scopus Indexed
15.	Peravalli Rahul, Srinivasa rao karumuri, A Srisaila, A Narendra Babu , N Janardhan, V Vijayasri Bolisetty, Rudra Lakshmi Prasanna, Ravi sankar puppala, Girija Sravani Kondaveeti, A Comprehensive Study on Device and Circuit Level Performance of Vertically stacked

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	Doping-Less Nanosheet Field Effect Transistor , IEEE Access, Vol.14, pp. 57162-57173, March-2026, ISSN: 2169-3536 10.1109/ACCESS.2026.3671444 SCIE, Q2, IF:3.6 Scopus Indexed
16.	M.Venkata Sudhakar , Tathababu Addepalli, T. Vidyavathi, Chandrasekhar Rao Jetti, C. Kumara Narayana Swamy, Sivasubramanyam Medasani, Prasanthi Badugu, Ahmed J. A. Al-Gburi, “ A Novel Isolation-Enhanced Four-Element High-Gain Hexa-Band MIMO Antenna for 5G mmWave Systems ” Wireless Personal Communications, ISSN: 1572-834X, January 2026, ISSN: 0929-6212 https://doi.org/10.1007/s11277-025-11899-w SCIE-Q3, I.F: 2.2
17.	M.Venkata Sudhakar , Tathababu Addepalli, T. Vidyavathi, K. S. Chakradhar, Manumula Srinubabu, Sivasubramanyam Medasani, Prasanthi badugu & A. J. A. Al-Gburi, “ A Novel Single-Element High-Directive-Gain Dual-Band Antenna for 5G mm-Wave 28/38 GHz Applications ” in Journal of Infrared, Millimeter, and Terahertz Waves, ISSN: 1866-6906, March 2026, ISSN: 1866-6892 SCIE-Q2, I.F: 2.5
18.	M.Venkata Sudhakar , Y. Ravi Sankaraiah, B. Bhaskar Reddy, P. Raghava Reddy, “ FinFET-based fully differential Butterworth filter using a multiple input dynamic threshold OTA for low-power biomedical signal processing ”, Analog Integrated Circuits and Signal Processing, ISSN: 1573-1979, February 2026 https://doi.org/10.1007/s10470-026-02565-7 SCIE-Q4, I.F: 1.4
19.	Tathababu Addepalli, T Vidyavathi, Sivasubramanyam Medasani, K S Chakradhar, Lovish Matta, Manish Sharma*, A Lakshmi Narayana and M Venkata Sudhakar , A modified 11-side polygon wide band-MIMO antenna with diversity characteristics for multiple FR1-band applications with SAR analysis for biomedical and IoT applications , Physica Scripta, Volume 101, Number 17, 28 April 2026. DOI 10.1088/1402-4896/ae5fe2 SCIE, Q2, IF:2.6
20.	S. Ramakoteswararao, Dr.S. Palanivel, Dr.G.L.N. Murthy , ATUN-MDC image registration: Performance enhancement of medical image registration using adaptive TransUNet with multi-dilated convolution model , Biomedical Signal Processing and Control, Volume 111, 2026, 108392, ISSN 1746-8094, https://doi.org/10.1016/j.bspc.2025.108392 . SCIE-Q2, I.F: 4.9
21.	A.V.R.Mayuri, S.P.Maniraj, M.Duraisamy, G.L.N.Murthy , Kanika Garg, M.Sangeetha. TransDense121-UNet: a multi-scale transformer-based approach for accurate liver tumor segmentation . Evolving Systems 16, 96 (30 th July 2025), ISSN 1868-6486 https://doi.org/10.1007/s12530-025-09720-x SCIE-Q3, I.F: 2.7
22.	A.V.R. Mayuri, S.P.Maniraj, M.Duraisamy, G.L.N.Murthy , Kanika Garg, M.Sangeetha, A novel machine learning framework: cross transformer-based optimization model for the detection and classification of brain tumour using clinical decision analysis , International Journal of Machine Learning and Cybernetics. 16, 8331–8358 (9 th July 2025). ISSN 1868-8071

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	https://doi.org/10.1007/s13042-025-02727-5 SCIE, Q3, I.F:2.7
23.	Ramakoteswararao S, S. Palanivel, GLN Murthy , An intelligent multimodal medical image registration using hybrid meta-heuristic optimization with transformer-based residual UNet , Pattern Recognition, Volume 172, Part D, 2026, 112708, ISSN 0031-3203, https://doi.org/10.1016/j.patcog.2025.112708 . SCIE, Q1, I.F:7.6
24.	Venkatesh Yepuri , Busi Rambabu , Surapaneni Koteswari, “One-Dimensional TiO2 Nanorod Arrays via Hydrothermal Method for Rapid and Stable Hydrogen Gas Sensing” in Chemistry Select, Vol.11, May 2025 , ISSN: 2365-6549 https://doi.org/10.1002/slct.73433 SCIE, Q3, IF:2.0
25.	Siva Hari Prasad Bondili , V. N. Koteswara Rao Devana, Saritha Vanka, V. N. Sukanya Doddavarapu, Siva Hari Prasad Bondili, Taj Mohamm, Vishnu Vardhana Reddy Karna · Sridevi Gamini, Savanam Chandra Sekhar, Dalia H. Elkamchouchi, “Compact Polyimide Fan-Shaped Multi-Slotted Wideband Flexible Antenna for Sub-6 GHz IoT Applications” Wireless Personal Communication, ISSN: 1572-834X, January 2026 https://dl.acm.org/doi/10.1007/s11277-026-11920-w SCIE-Q3, I.F: 2.2
26.	M. V. L. Bhavani, D. Chaturvedi, T. Lanka, T. A. Raju , G. Rana and A. Kumar, "A Noninvasive Microwave Imaging System for Breast Tumor Detection Using a High-Gain Vival-di Antenna Array Sensor," IEEE Sensors Journal, vol. 25, no. 17, pp. 32631-32640, 1 Sept.1, 2025. ISSN 1530-437X doi: 10.1109/JSEN.2025.3588605. SCIE, Q1, I.F:4.5
27.	Suresh Yamarthi, Balaji Chintala, Rampatruni Rambabu, Bommasani Yellamanda Rao, Putchakayala Venkateswara Rao , Pathan Hussain Basha, Sentiment analysis framework for entropy-based product recommendation system , Knowledge and Information Systems, 67, 11611–11631 (2025). ISSN 0219-3116 https://doi.org/10.1007/s10115-025-02570-8 SCIE, Q2, I.F:3.1
28.	Kola Balavani , N.Padmavathy, Nalini Bodasingi, “Review of carbon nanotube on-chip interconnects in RLC prediction using artificial intelligence” in Materials Today Communications, 50, 114542, January 2026 , ISSN: 2352-4928 https://doi.org/10.1016/j.mtcomm.2025.114542 SCIE, Q2, IF:4.5
29.	Tiruganesh Lanka, Divya Chaturvedi, Maddirla Vijaya Lakshmi Bhavani , Arvind Kumar, Sreenivasulu Tupakula, “Integration of a Slotted Monopole Antenna with a Partially Reflective Surface for Enhanced Breast Tumor Detection” IEEE Access , Vol.14, pp. 57162-57173, March-2026, ISSN: 2169-3536 DOI 10.1109/ACCESS.2026.3662507 SCIE, Q2, IF:3.6
Journals: SCI/SCIE- Electrical and Electronics Engineering: 04	

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30.	K. Harinadha Reddy, "Capacitive Tolerant Switching LL-CG Dual Active Bridge Circuit for Effective Bidirectional Energy Control in Electric Vehicle Park," International Journal of Circuit Theory and Applications (2026): 1–23, https://doi.org/10.1002/cta.70504 . SCIE
31.	Vanajakshi N, Uma Vani M, Srinivas Rao R, Physically consistent ultra-lightweight AI for real-time harmonics and stability in converter-dominated grids: Systematic review, evidence synthesis, and deployment gaps, Computers and Electrical Engineering, Volume 137, 24 th May 2026, 111248, ISSN 0045-7906, ISSN, 0045-7906 / 1879-0755 https://doi.org/10.1016/j.compeleceng.2026.111248 . SCIE-Q3, I.F:1.6
32.	Nagalingachary K., Durga Prasad Garapati, Kishore Yadlapati, Optimal swarm based three stage balanced interleaved dual active bridge DC-DC converter design to enhance performance of inter-tied microgrid renewable energy system, Electric Power Systems Research, Volume 249, December 2025, 112063, ISSN 0378-7796. https://doi.org/10.1016/j.epsr.2025.112063 . SCIE-Q2, I.F: 4.2
33.	A. Ananda Kumar, Dr. K. Srikumar, Dr. G. Nageswara Rao, A high-dimensional data-driven approach for enhancing cyber-physical attack detection in PV-connected distribution power grids using deep Q-networks, Computers and Electrical Engineering, Volume 129, Part B, January 2026, 110814, ISSN 0045-7906, https://doi.org/10.1016/j.compeleceng.2025.110814 . SCIE-Q1, I.F: 4.9
Journals: SCI/SCIE- Information Technology: 02	
34.	Chandra Sekhar Kolli, Veeraraghavan Jagannathan, Dasaradha Ramayya Lanka, Ch Rajyalakshmi, Vijaya Kumar Reddy Radha, Vadisena Venkata Krishna Reddy, SCWO-SNN: Snow carpet weaver optimization based spiking neural network for fraud detection in UPI transactions using federated learning, Computer Standards & Interfaces, Volume 98, 2026, 104166, ISSN 0920-5489, https://doi.org/10.1016/j.csi.2026.104166 . (https://www.sciencedirect.com/science/article/pii/S0920548926000401) SCIE-Q2, I.F: 3.1
35.	Annapareddy V. N. Reddy, Pradeep Kumar Mallick, Sachin Kumar, Debahuti Mishra, P. Ashok Reddy, Sambasivarao Chindam, Meerkat-Optimized SENet Approach: Advancements in Retinal Fundus Image Augmentation and Classification. Arabian Journal for Science and Engineering, 50, 15235–15279 (2025). ISSN 2193-567X https://doi.org/10.1007/s13369-025-10548-5 SCIE-Q2, I.F: 2.9
Journals: SCI/SCIE - Mechanical Engineering: 09	
36.	Jayashri N. Nair, T. Srinivasa Rao, M. B. S. Sreekara Reddy, V. Dhana Raju, Harish Venu, Ahmed Adnan Hadi, Aseel Smerat T. M. Yunus Khan, Abdul Saddique Shaik and Md. Amir Khan, Experimental and ML-assisted optimization of injection timing and EGR in a diesel engine fueled with palmyra biodiesel, RSC Advances, 16, 6338, 1. 30 th January 2026, ISSN: 2046-2069 https://doi.org/10.1039/D5RA05659D SCIE, Q2, I.F: 4.6

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	Co-Author Index
37.	Seelam Pichi Reddy , Dhanunjay Kumar Ammisetti, Simhadri Raju Juvvala, Annapareddy V.N, Experimental Investigation and Machine Learning Modelling on the Tribological Characteristics of Heat Treated AA7075/B4C/BN/SiC Hybrid Composites , Journal of Materials Engineering and Performance, (11 th May 2026), 1059-9495 https://doi.org/10.1007/s11665-026-14096-3 . SCIE, Q3, I.F: 2.0
38.	T. Sathish, K. Sujit, K.Dilip Kumar , K. Umamaheswari, Zakir Hussain, Mustafa Abdullah, A. Anderson, TiO2-Al2O3-ZnO ternary nanofluids-based heat absorption energy and exergy efficiencies enhancement in solar evacuated collector tubes , Chemical Engineering Science, Volume 321, Part B, 2026, 122932, ISSN 0009-2509, 4 th November 2025. https://doi.org/10.1016/j.ces.2025.122932 . SCIE, Q2, I.F: 4.3
39.	Jayashri N. Nair, V. Dhana Raju , T. Nagadurga, Manzoore Elahi M. Soudagar, Harish Venu, K. Bala Prasad, T.M. Yunus Khan, Syed Waheedullah Ghori, S. Ramesh, Experimental study on palmyra oil biodiesel blends in CI engines: Role of injection pressure and EGR in performance enhancement and emission reduction , Case Studies in Thermal Engineering, Volume 75, 30 th September 2025, 107165, ISSN 2214-157X, https://doi.org/10.1016/j.csite.2025.107165 . SCIE, Q1, I.F: 6.4
40.	Putta Nageswara Rao, Lakshmi Vinitha, Siva Sankara Babu Chinka , Ramesh Lanka & Vasanth Kumar, An optimized estimation in a 3D printed model spectrometer for predicting patches and the location of the printed object . Sadhana-Academy Proceedings In Engineering Sciences, 51, 43 (9 th February 2026). ISSN: 0973-7677 https://doi.org/10.1007/s12046-025-03052-x SCIE, Q3, I.F: 1.4 Scopus Author Indexed
41.	Annamdasu Nageswara Rao , Sajad Ahmad Najar, R. Jeyapaul, B. Chaitanya, Effect of roadside billboards on driving performance: a driving simulator study . Transportation Planning and Technology, 1–19. 22 nd January 2026 ISSN: 0308-1060 / 1029-0354 https://doi.org/10.1080/03081060.2026.2617142 SCIE, Q3, I.F: 1.8 ORCID and Scopus Indexed
42.	Dhanunjay Kumar Ammisetti , Satya Sai Harish Kruthiventi, Krishna Prakash Arunachalam, Victor Poblete Pulgar,, Ravi Kumar Kottala, Seepana Praveenkumar and Pasupureddy Srinivasa Rao, Experimental Investigation and Machine Learning Modeling of Electrical Discharge Machining Characteristics of AZ31/B4C/GNPs Hybrid Composites , Crystals 2025, 15(10),844; 27 th September 2025, ISSN 2073-4352 https://doi.org/10.3390/cryst15100844 SCIE-Q2, I.F: 2.4
43.	VakaVenkataDurgaSahithi, Dhanunjay Kumar Ammisetti , Experimental and machine learning studies on flexural properties of 3D-printed PLA/wood composites , Journal of Reinforced Plastics and Composites, Mar 2026, ISSN: 0731-6844 / 1530-7964, https://journals.sagepub.com/doi/abs/10.1177/07316844261435056 , SCIE, Q3, I.F: 2.2

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44.	Dhanunjay Kumar Ammisetti , ThamatapuEswara Rao & Kottala Ravi Kumar, Lamilla Pedro Naranjo, Arunachalam Krishna Prakash, Effect of molding sands on microstructure, mechanical, and wear properties of AA2024 aluminum alloy via CO 2 casting: an experimental study , Canadian Metallurgical Quarterly , 66(1), April 2026, ISSN: 0008-4433, https://www.tandfonline.com/doi/abs/10.1080/00084433.2026.2656837 , SCIE, Q3, I.F: 1.5
Journals: SCI/SCIE - Freshman Engineering: 22	
45.	Kumar, A. P., Srinivas, B., Bhemarajam, J., Bindu, S. H., T. Satyanarayana , Rao, P. V., & Prasad, P. S. (2026). Spectroscopic and luminescence investigation of Dy3+-doped GeO₂-Sb₂O₃-Na₂O-B₂O₃ glass system . Materials Science and Engineering: B, 332, 119654. https://doi.org/10.1016/j.mseb.2026.119654 ISSN: 0921-5107 SCIE-Q2, I.F: 4.6
46.	Arja Vani, Anusha Karumuri, Kumara Raja Kandula & Tinku Baidya, Structural distortion-driven band gap engineering and optimized photoluminescence in mesoporous Dy_{1-x}Ba_xFeO₃ (x = 0 to 0.3) orthorhombic perovskites via a-site substitution , Applied Physics A Material Science and Processing, Volume 132, article number 610 (June 2026). https://doi.org/10.1007/s00339-026-09776-9 SCIE-Q2, I.F:2.8
47.	Kumara Raja Kandula , D. Zarena, Satyanarayana Talam, Sai Pavan Prashanth Sadhu, Vadnala Sudarshan, High performance lead-free Na_{0.5}Bi_{0.5}Ti_{0.4}Mn_{0.1}O₃-BaTi_{0.4}Sn_{0.1}O₃ ceramics: Enhanced ferroelectric, dielectric, and pyroelectric properties via NaNbO₃ incorporation , Solid State Communications, Volume 415, August 2026, 116463, ISSN 0038-1098. https://doi.org/10.1016/j.ssc.2026.116463 . (https://www.sciencedirect.com/science/article/pii/S0038109826001535) SCIE-Q3, I.F:2.4 Scopus Indexed
48.	Karumuri, A., Vani, A., Kumara Raja Kandula & Baidya, T. Chelator-Controlled ErFeO₃ Nanoparticles: A New Frontier in Luminescence and Photocatalytic Efficiency . Ceramics International, 52(22), 39165-39173, 2026. https://doi.org/10.1016/j.ceramint.2026.06.372 ISSN: 0272-8842 SCIE-Q1, I.F:5.6
49.	P. Jayaprada, R. K. N. R. Manepalli, K. Koteswara Rao, M. C. Rao, T. Satyanarayana , Y. Subbareddy, N. Usha Rani, Ravindranadh Koutavarapu & M. Tanooj Kumar, Effect of ZnO Nanoparticles Dispersed in p-n-Undecyloxy Benzoic Acid Liquid Crystalline Compounds: Optical and Order Parameter Studies , Journal of Applied Spectroscopy, Volume 93, pages 226-237 (February 2026). ISSN: 0021-9037 https://doi.org/10.1007/s10812-026-02078-1 SCIE-Q4, I.F:1.0
50.	Malla Balakrishna, Pediredla Suryavenkatesh, Dakoju Harika, V. Parvathi , K. Vijaya Lakshmi, Varakumari Samudrala, NageswaraRao Medikondur, Pathem Uma Chaithanya, Ramu Boddepalli, M. Ramanaiah, Intergrowth-induced morphotropic phase boundary in (1-x) BaBi₄Ti₄O₁₅-xBi₄Ti₃O₁₂ ceramics: Correlating lattice distortion with dielectric and piezoelectric response , Journal of Physics and Chemistry of Solids, Volume 217, 2026, 113856, ISSN 0022-3697,

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	https://doi.org/10.1016/j.jpccs.2026.113856 . https://www.sciencedirect.com/science/article/pii/S0022369726003422) SCIE-Q2, I.F:4.9 Scopus Indexed
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Projects Proposals Submitted in AY 2025-26			
Funding Agency	Scheme	No. Applied	Proposed Amount (Rs.)
ICSSR	ICSSR- Major Project	5	1,04,27,100
	ICSSR- Minor Project	6	43,00,000
ANRF	ARG	4	1,36,98,080
	MATRIX	5	25,00,000
	IRG	3	1,37,34,880
	MAHA DRONE	1	4,12,00,000
	SERB	1	2,00,000
DST	QUANTUM Technology Centre	1	58,79,000
AICTE	RPS	3	57,65,200
	VAANI	7	14,00,000
MeitY	Cyber Security Group	1	86,00,000
IEEE	EPICS	1	4,83,835
NCAM		1	3,00,000
Total		39	10,84,88,095

S. No	Name of the PI & Branch	Title of the Project Proposal	Ref. No	Funding Agency	Scheme	Duration	Amount (Rs.)	Date of Submission
1	Dr. V Suryanarayana (AI&DS)	Generative AI for Research & Teaching Excellence - Empowering Educators & Researchers in the Age of AI	2662490687	AICTE	AICTE-VAANI	3 Days	2,00,000	31-05-2026
2	Dr O Rama Devi (AI&DS)	Transforming Healthcare: A 2-Day Workshop on AI-Innovations and Applications"	2611633891	AICTE	AICTE-VAANI	2 days	2,00,000	02-05-2026
3	Dr.P.Bhagath (AI&DS)	Atal Vaani	2290838187	AICTE	Atal Vaani	1 Year	2,00,000	16-05-2026
4	Dr. V. Ramana Kollipara (CE)	Alternate Methods for stabilisation of Mine haul roads	542025014407	ANRF	ARG	3 Years	36,58,080	08-07-2025
5	Dr.V.Rama Krishna (CE)	Exploring the Sanitation Facilities in Rural Areas –Role of Community Participation and Technological Solutions	ICSSR-RMM-20253929	ICSSR	Major	01 Year	30,00,000	24-12-2025
6	Dr. S. Nagarjuna	Regional Language Technical Education in Cyber Physical Systems	2508093879	AICTE	AICTE-VAANI	3 days	2,00,000	17-05-2026

S. No	Name of the PI & Branch	Title of the Project Proposal	Ref. No	Funding Agency	Scheme	Duration	Amount (Rs.)	Date of Submission
	Reddy (CSE)	and Smart City Development						
7	Dr.K DeviPriya (CSE)	High-Performance Parallel Computing for Massive Indic Corpus Generation and Bharat Bhasha Stack Development	2999278887	AICTE	AICTE-VAANI	1 Year	2,00,000	
8	Dr.K.Dev ipriya (CSE)	community Health, Environmental Justice, and Livelihood impacts or Microplastic pollution in the Krishna River : Insights from AI Monitoring and Socio –Environmental Data	ICSSR - RMM-2025-8006	ICSSR	Minor	01 Year	8,00,000	31-12-2025
9	Dr. Duggine ni veeraiah (CSE)	AI-Powered Context-Aware Safety Companion for Women and Children in Cyberspace		MEITY	Cyber Security Group	2 Years	86,00,000	15-09-2025
10	DR.M.V.S udhakar (ECE)	AI-Enabled Smart Assistive Wearable for Speech and Hearing Impaired: Real-time Communication using Next Gen Signal Processing.	RPS-1-2508773-2025-3303	AICTE	RPS	3 Years	25,08,000	31-07-2025
11	Dr. P. Lachi Reddy (ECE)	Advanced Logical and Physical Design for Emerging Technologies: IoT, 5G, and Beyond	2507514320	AICTE	AICTE-VAANI		2,00,000	16-05-2026
12	Dr. B. Siva Hari Prasad (ECE)	Smart Textile-Integrated Multiband Flexible Antenna System for Real-Time Health Monitoring in Remote and Disaster-Prone Areas	ANRF/A RGM/2025/003256/TS	ANRF	ARG-MATRIC S	4 Years	5,00,000	18-07-2025
13	Dr P.Rakesh Kumar (ECE)	Sustainable IoT and 5G Connectivity through Solar-Powered Compact Multi-Band Antenna Systems	ANRF/IRG/2025/001531	ANRF	IRG	3 Years	47,27,440	31-07-2025
14	Dr.P.Venkat Rao (ECE)	Digital Bridges for Daily wagers : Study on Hyper –Local Labour Matching Mechanisms to Enhance Livelihood Security and Reduce Destitution in Urban India	ICSSR-RMM - 2025 5150	ICSSR	Major	01 Year	21,10,000	17-12-2025

S. No	Name of the PI & Branch	Title of the Project Proposal	Ref. No	Funding Agency	Scheme	Duration	Amount (Rs.)	Date of Submission
15	Dr.G.L.N. Murthy (ECE)	Study on development of comprehensive system for sustainable Socio-Economic Growth in Rural and Agricultural Ecosystems	ICSSR-RMM-2025-5158	ICSSR	Major	2 Years	20,18,000	17-12-2025
16	Dr. M. UmaVani (EEE)	AI-Driven E-Waste Segregation and Resource Recovery Prototype for Sustainable Smart Communities		IEEE (IAS)	EPICS in IEEE	01 Year	4,83,835	01-05-2026
17	Dr.Kumara Raja Kandula (FED)	Next-Generation Energy Storage in Lead-Free Ferroelectrics: Unlocking MPB Compositions for Sustainable Performance	ANRF/ARG/2025/009878/PS	ANRF	ARG	5 Years	75,40,000	15-07-2025
18	Dr. K. R. KAVITHA (FED)	Field-Validated Modeling Of Crop Yield And Soil Fertility In Organic Farming Systems Across Diverse Land Types	ANRF/ARGM/2025/001945/QSS	ANRF	ARG MATRICS	5 Years	5,00,000	14-07-2025
19	Dr. Y. Subbareddy (FED)	Tannic acid-anchored porous spongy carbon as a potential electrode for flexible and high-performance supercapacitors	ANRF/ARGM/2025/001952/TS	ANRF	ARG MATRICS	3 Years	5,00,000	14-07-2025
20	Dr. Sobhana chalam P (FED)	Design and Characterization of AgO Doped CaF ₂ -CaO-B ₂ O ₃ -SrO-P ₂ O ₅ Bioactive Glasses for improved Regenerative Applications.	ANRF/ARGM/2025/003161/TS	ANRF	ARG MATRICS	3 Years	5,00,000	15-07-2025
21	Dr. Satyanarayana Talam (FED)	Multi-Functional Glass Nanocomposite MEMS Integrated Platforms for the Next-Generation Biomedical and environmental Sensors	ANRF/ARGM/2025/002567/TS	ANRF	ARG-MATRICS	4 Years	5,00,000	15-07-2025
22	Dr.Kumara Raja Kandula (FED)	Investigations and Development of NBT based Nano Pyroelectrics for Thermal Sensors	ANRF/IRG/2025/001877/PS	ANRF	IRG	3 Years	59,05,440	30-07-2025
23	Dr.R.Padma (FED)	Enhancing the Employability of Rural Higher Education Students in Andhra	ICSSR-RMM-2025-4066	ICSSR	Minor	01 Year	14,00,000	26-12-2025

S. No	Name of the PI & Branch	Title of the Project Proposal	Ref. No	Funding Agency	Scheme	Duration	Amount (Rs.)	Date of Submission
		Pradesh and Telangana through Activity Based Communication and Technical Skills Training						
24	Dr.Shahe da Niloufer (FED)	Digital Agronomy Advisory and Bio-Input Adoption for Sustainable Smallholder Agriculture : A Field -Based study	ICSSR - RMM-2025-5707	ICSSR	Minor	01 Year	10,00,000	19-12-2025
25	Dr.K.Ven u Gopal (IT)	Architecting Financial Resilience in Viksit Bharat : A Forensic Computational Assessment of Cross-Border Order flow Asymmetry and volatility Spillover in the post –Reform Digital Equity and commodity Ecosystems of Contemporary India	ICSSR-RMM -2025 12526	ICSSR	Major	01 Year	2,99,100	31-12-2025
26	Dr.A.Adishesha Reddy (MBA)	Fintech Innovations and Interventions in SME –Sustainability -A Study On Green Strategies Adopted by Smes'in the States of Andhra Pradesh and Telangana	ICSSR-RMM-2025-10694	ICSSR	Major	01 Year	30,00,000	31-12-2025
27	Dr. Undabatl a Rambabu (MBA)	Role of Finance, Education, Agriculture, and Women Empowerment in India's Vision of Viksit Bharat 2047: A Case Study of NTR District, Andhra Pradesh.	ICSSR-RMM-2025-3043	ICSSR	Minor		3,00,000	20-12-2025
28	Dr. Kakarla Deepika (MBA)	Work-Life Balance of Women in the Rural Unorganized Sector of Vijayawada: Challenges, Weaknesses, and Policy Consequences	ICSSR-RMM-2025-6760	ICSSR	Minor		3,00,000	20-12-2025
29	Dr.A.Dhanjaya Kumar (ME)	Development of Smart Orthopedic Implants with Bio	RPS-1-2508773 -2025-5098	AICTE	RPS	3 Years	21,69,200	11-06-2026
30	Dr. Anageswara rao (ME)	Lab-to-Road: Real-Time AI System for Safer Driving Environments	RPS-1-2508773 -2025-4031	AICTE	RPS	2 Years	10,88,000	01-08-2025

S. No	Name of the PI & Branch	Title of the Project Proposal	Ref. No	Funding Agency	Scheme	Duration	Amount (Rs.)	Date of Submission
31	Dr.Seelam Pichireddy (ME)	AI-Enabled Drone Innovations for Atmanirbhar Bharat and Viksit Bharat 2047	2000826750	AICTE	AICTE-VAANI	2 Days	2,00,000	31-05-2026
32	Dr.A.Nageswar Rao (ME)	Development of Hybrid Composite Bird-Strike Resistant Nose Structure for Autonomous eVTOL UAVs	ANRF/D RN/2026/000562	ANRF	ANRF-MAHA DRONE	3 Years	4,12,00,000	02-06-2026
33	Dr.A.Nageswar Rao (ME)	Real-Time Driver Behavior Analysis: Differentiating Cognitive Overload, Fatigue, and Distraction Using Eye-Motion Analytics for Accident Prevention	ANRF/ARG/2026/010604	ANRF	ARG	3 Years		10-06-2026
34	Dhanunjay Kumar Ammisetti (ME)	Development of Smart Orthopaedic Implants with Biodegradable Magnesium Alloy (AZ91) Composites Embedded with Graphene Nanoplatelet	ANRF/ARG/2026/011203	ANRF	ARG	3 Years	25,00,000	11-06-2026
35	Dr.P.Vijaya Kumar (ME)	Techno-economic aspects of green hydrogen solutions for future energy Security	SSY/2026/000150	ANRF	SERB-Seminar	5 Years	2,00,000	21-01-2026
36	Dr.Seelam Pichireddy (ME)	Establishment of Undergraduate Engineering Teaching Laboratory on Quantum Materials and Devices under the National Quantum Mission	TPN/137654	DST	QTC	5 Years	58,79,000	24-08-2025
37	Dr.Ch.Siva Sankara Babu (ME)	AI-Enabled Crop Advisory Systems and Socio-Economic Impact on Small and Marginal Farmers in Andhra Pradesh	ICSSR - RMM-2025-11439	ICSSR	Minor	01 Year	5,00,000	31-12-2025
38	Dr.Murahari Kolli (ME)	Design and Development of Novel Sustainable Tillage Tool for Agricultural Farming Machinery	ANRF/IRG/2025/001855	ANRF	IRG	3 Years	31,02,000	31-07-2025
39	Dr.Murahari (ME)	Artificial Intelligence Integrating with Additive Manufacturing		NCAM			3,00,000	15-10-2025

Sanctioned Seed Money Projects

S. No.	Name of the Faculty Member	Dept.	Title of the Project Proposal	Sanctioned Amount Rs.	Date of Sanction
A.Y-2025-26 (06)					
1.	Mr. Maheswara Kishore Kumar Assistant Professor Phone No: 9494942742 Email ID: kumar32567@gmail.com	AI&DS	Helmet Prediction in Traffic Using Yolo	2,05,000	15-06-2026
2.	Dr.A.Revanth Reddy, Associate Professor Phone No: 7598708977 Email ID: revman16388@gmail.com	ASE	Development of a GPS independent tactical surveillance drone with AI assisted ground control station	2,80,000	16-05-2026
3.	Mr. M. Samba Siva Reddy Sr. Assistant Professor Phone No: 9949574865 Email ID: sambasivareddymula@gmail.com	ECE	Campus-Specific Wireless Path Loss Measurement and Modeling Using a Reconfigurable SDR Testbed	2,10,000	11-05-2026
4.	Dr.Sural Govindu Associate Professor Phone Number : +91 9948482327 Email ID : govindcse@lbrce.ac.in govindu561@gmail.com	CSE	Fresh sense smart Sensing for safer food	2,20,000	12-03-2026
5.	Dr.Ch.Malathi Sr. Associate Professor Phone Number : +91 8185885807 Email ID : Chmalathi542@gmail.com	IT	Street Eye: A Smart vision system for Road surface Monitoring	1,67,000	12-03-2026
6.	Dr.V.Dhana Raju Professor Phone Number :9848363670 Emil ID: ghanaraju1984@gmail.com	ME	Autonomous Surveillance & Communication Enabled Nano Drone with Cooperative Rover –Based Emergency Recovery System.	2.50,000	12-03-2026
7.	Dr.S.Jayaprada (PI) Professor & HoD,Dept Phone No: +91 93469 94255 Email ID : drjayaprada@Lbrce.ac.in	AI&ML	Early Field fire detection and Risk assessment System using IoT Sensor Networks	1,70,000	18-10-2025
Total				15,02,000/-	

Details of R&D Accomplishments – Patents

S. No	Invention Title	Name of Applicant/Inventor	Patent No.	Filed Date	Published Date
ASE-01					
1.	Portable Table top Groundnut Shell removal Machine	Ponnaganti Gopinadh choudary G.Jamuna Rani S.Indrasena Reddy	202541071170	26-07-2025	01-08-2025
AI&DS-17					
2.	An intelligent ml-iot based monitoring and control system for chemical process safety and efficiency	Thelu santhosha Dr. Vadhri suryanarayana saravanan subramani Dr. V. Santhosh Dr. Amit kumar sahu Santosh kumar sahu Dr. Mukesh kumar Dr. V. Sri vinitha V. Kiruthika S. Sangeetha V bhargavi	202641022160	25-02-2026	06-03-2026
3.	Machine learning–based optimization of perovskite solar charging systems for electric vehicles	Mrs. S. Priyanka Himanshu sahu Dr. Divvela srinivasa rao Voleti padmaja Dr. B. Thilaga rajeswari Ashokkumar d K. Shanmukha sundar Dr. T. Arunkumar Dayananda sagar Prof. Debendra shadangi Premsagar d patil Dilip mishra	202641010895	02-02-2026	20-02-2026
4.	Intelligent system for early detection and diagnosis of breast cancer using deep learning	Rajendra randa Ravi shankar garapati Gnana deepthi b Sumathy. K Thivya rajkumar Sevil buyuk uyanik Dr. Selcuk bulat Dr. Divvela srinivasa rao Swati kedar nadgaundi Karunamoorthy b Ram prabu j Mr. Sudhakar parmeshwar sarkate	202521085383	09-09-2025	19-09-2025
5.	Hybrid iot and machine learning architecture for intelligent vehicle fuel monitoring and alert systems	Sameeksha Chaudhary Dr. Ananda guddenahalli kullegowda Bhupendra sharma Dr. Divvela srinivasa rao Prof. Dipti amol shivatare Nivya k venu Dr. Deepak kumar b n Dayananda sagar	202611008091	27-01-2026	13-03-2026

		Dr saranya d Subham pankaj samantaray Thenmozhi m Priyanga s			
6.	Smart engineering systems for sustainable infrastructure development	Dr. Raja kumar rajaboina Dr. Shilpa b s Dr. Kim j seelan Dr. S. Vijaya bhaskar Mr. S. Surendar Farhan sadique kazi Jamdar ameerhusain suhelahmed Veeresh a salimath Dr. Divvela srinivasa rao Prof. Shrikant r kulkarni	202641046791	12-04-2026	24-04-2026
7.	Innovation zones for a mobile app uses cybersecurity and blockchain to locate and identify missing people	Dr. S. Shobana Dr. Divvela srinivasa rao Sonali laxmanrao mortale Manaswini aniruddha parlikar Dr. S. Vadhana kumara Madhavi manojkumar mali Kotteswaran rangasamy Muthuramalingam. E Dr. A. K. Reshmy Dr.r.thiagarajan	202641018827	19-02-2026	17-04-2026
8.	User behavior predictive analytics system for insider threads identification through machine learning techniques	dr.K. Venkataramanan Dr. Divvela srinivasa rao Sonali laxmanrao mortale Manaswini aniruddha parlikar Dr. S. Vadhana kumara Madhavi manojkumar mali Kotteswaran rangasamy Muthuramalingam . E Dr. A. K. Reshmy Dr.r.thiagarajan	202641018830	19-02-2026	17-04-2026
9.	Machine learning-based iot framework for faculty workload analysis and resource allocation in higher education	Fateh bahadur kunwar Dr. Ritu sodhi Dr. Divvela srinivasa rao Arthi a S. Manjula Dr. Rajeshwari s Dr. Animesh kumar sharma Anvesh perada Dr. Raj kumar gupta Dr. G. Prabhakaran Dr. Pinkey chouhan Dr. Mohd umar farooq	202611051358	22-04-2026	29-05-2026
10.	Iot and machine learning-based system for student	Fateh bahadur kunwar Dr. Shailendra gupta Dr. Divvela srinivasa rao arthi a	202611051615	22-04-2026	29-05-2026

	health monitoring and stress detection in higher education	Dr. C. Damodharan Dr. Rajeshwari s Dr. Animesh kumar sharma anvesh perada mrs. Manorma chauhan Dr. G. Prabhakaran Dr. Varsha rani Dr. Mohd umar farooq			
11.	Blended learning management system for higher Education	Dr. Sameer Dileep Joshi Dr. Anupama Vincy Oka Dr. Talanki Jeevan Kumar Dr. Rajesh Sharma P. Nanda Kumar Dr. P. S. Ravi Kumar Dr. Chandani Kumari Prof. (Dr.) Smruti Ranjan Rath Sandesh Zephaniah Dr. Divvela Srinivasa Rao	202621054301	28-04-2026	26-06-2026
12.	Ai-powered smart shopping basket for real-time budget management	Dr a. Daveedu raju, M. Radha krishna, Dr. Vijaya raju motru, Ch. Chandra sekhar, Dr. Solleti phani kumar, R. Bhagya sri, Siva ganga badipati, Kattupalli sudhakar, A. Jabez solmon joy	202541070393	24-07-2025	01-08-2025
13.	An ai-driven diagnostic method employing interpretable deep learning for improved detection of diabetes and diabetic retinopathy	Dr. Ch naveen kumar reddy, E. Priyadarshini, S nithyapriya, C.kavitha, Kattupalli sudhakar	202541117379	26-11-2025	19-12-2025
14.	Work life balance and its effect on employee productivity in hrm	Dr. Hareesh rebelli, Dr. D. Sathish kumar, Dr. Annapurna gupta, Deep chand kumawat, Kattupalli sudhakar, Koreddi venkatesh, Rajeshwari a, Sandesh zephaniah, Dr. Deepali ashok pagare, Mogitha k m	202541132311	26-12-2025	02-01-2026
15.	Machine learning-based behavioural analytics system for identifying fraud in e-commerce environments	Dr. (Ms.) Anshu Gauba, Dr. SP. Arunkumar, Ms Vandana G, Dr O Rama Devi, Dr. P. Maniiarasan, S. Ramakrishnan, Dr. P. Chellamani, Dr. Mini Srivastava, Cynthia Sherin B,	202611024465	02-03-2026	01-05-2026

		Dayananda Sagar Dr. Ananda A,			
16.	Intelligent System for Analyzing and Applying Visible Authentication Patterns	Dr. K. Murali Sowjanya Vuddanti Dr. S. Hari Prasad Dr. J. Kishore Kumar Dr. B. Triveni Dr. P. Vishnupriya	202641030492	13-03-2026	27-03-2026
17.	A deep learning framework for predicting functional outcomes in ischemic stroke patients using clinical and neuroimaging data	Dr. M. Nirmala, Vedavyas gurla, Dr. Pramod vishwakarma, Korreddi venkatesh, Dr. Boddu l v siva rama Krishna	202641039451	30-03-2026	10-04-2026
CE-05					
18.	Smart Power Meter Method and System with Remote Billing and Usage Analysis	Dr.Yogesh Yashwant Pundlik, Chandan Sambhaji Kamble, Sachin Chakradhar Suke, Dr. Anusha R Sharath, K. Harish Kumar, Swaroop Mallick, C. Sudhakar , Dr.Ch. Asha Immanuel Raju	202641013609	08-02-2026	20-02-2026
19.	AI-driven intelligent system and method for dynamic estimation of construction cost and project completion time	Shraddha Sharma, Mrs. Kokila S, Mrs. Prattipati Keerthi, Mr. J. Dinesh Kumar, Dr. Shree Ram Malani, Mr. R. Elakkiyandasan	202611020845	23-02-2026	17-04-2026
20.	Development Of Geopolymer Concrete for Sustainable Construction	C. Venkata siva rama prasad, Dr.g. Sree lakshmi devi sourabh paul, Dr. J. Venkateswara rao, Dr k m gopalakrishnan, Dr. Anshul sharma, Ravi kumar kondaveeti, Chiranjeevi tadi, Om prakash, Dr sudarshan n m.	202641026400	06-03-2026	20-03-2026
21.	Self-Healing Material For Durable Mechanical Structural Components	Dr. A. Senthamilselvi, Devarshi Dutta, Dr. J. Venkateswara Rao, Dr. Kanade Ashok Tukaram, Dr. Asif M. Qureshi, Dr. S. Vijaya Bhaskar,	202641041815	01-04-2026	29-05-2026

		Sanjay Ashok Pawar, Murali V, G Praveen, Kommalapati Prasanthi			
22.	Integration of state of art materials to foster sustainability in the construction industry	Mr. Rajesh D V S P Mrs. M. Sowjanya Lakshmi Mr. G. Sampath Kumar Dr. K. Venkata Ramana Prashant Kumar Singh Dr. Ayush Mittal Dr. J. Anitha Mrs. CH. Kalyani	202641030211	13-03-2026	27-03-2026
CSE-11					
23.	A system and method for real-time intrusion detection and forensic logging in internet of medical things using extended bilstm and blockchain	Shaik Johny Basha Dr. D. Veeraiah Dr. L. Sumalatha	202641010398	01-02-2026	13-02-2026
24.	Machine Learning–Based Adaptive Framework For Enhancing Efl Learners’ Reading Skills In Higher Education	Duggineni Veeraiah Dr. K. Makeshwari Thanga Kumaran M Chandrasekar P Mrs. P. Umamaheswari Gracelin Sheena B M. Keerthipriya Dr. Soumitra Mondal B Abdul Gaffur Ashish Tripathi R. Leelavathi Dr. Animesh Kumar Sharma	202541093228	29-09-2025	31-10-2025
25.	A System And Method For Secure Multi-User Access In Virtualized Cloud Environments Using Role- Based Encryption	Dr. Kalyan kumar Dasari Mrs. Swetha Gadde Mr. S Krishna Sakalabattula Mrs. Bajjuri Usha Rani Mrs. Mahalakshmi Dr. B. Senthil Kumar Mr. Kishore Dasari Dr. Priyanka More Dr. Rizwana Dr. Ramesh Kumar Yadav	202541101888	22-10-2025	28-11-2025
26.	A Deep Learning Framework for CT- Based Abnormality Detection and Organ- Level Segmentation	Shaik Rafi, Swathi Buragadda , Siddabattula Geetha Sri Priyanka, Parameshwari M Goud, Chinnaswamy C N	202641028196	10-03-2026	20-03-2026
27.	System And Method For Automated Cybersecurity Threat Detection	Dr. G. Syam Prasad Siva Naga Prasad Gudise Suresh Kumar Sk. Ahmad Mohiddin Md. Ahmed A. Koteswara Rao	202541083617	03-09-2025	19-09-2025

		K. Venkateswara Rao Dr. K. Narasimha Peddini Suresh Kumar P. Ashok Kumar Jonnalagadda V N Raju A. Karna Rao			
28.	Blue Monkey Integrated Coot Optimization with Hierarchical Attention Multimodal Deep Learning for Multi-Document Summarization	Dr. Sunilkumar Ketineni Chilakalapudi Malathi Sheela Jayachandran	202541068474	17-07-2025	25-07-2025
29.	An Ai Based Autonomous Learning Architecture With Minimal Human Intervention	Karimunnisa shaik Dr.Kalyanapu Srinivas Dr.Sunil Kumar Vinay agrwal Dr. Sunilkumar Ketineni	202641005405	19-01-2026	30-01-2026
30.	An Intelligent Eco-Friendly Dishwasher with Real-Time Load Sensing and Automated Resource Management	Dr. Badugu suresh Dr. Lakshminarayana kodavali Dr. Sathiyamurthy kuppuswamy Dr. Mani deep karumanchi Mr. P. Lokanadham Dr.Venkata Subbaiah desanamukula Dr.Nagalapuram kesava rao Mr.purushotham boodsu Mr.k.sathish Dr. P. Jaya prakash	202641004679	17-01-2026	30-01-2026
31.	System and method for revolutionizing cardiac care: harnessing artificial intelligence for early cardiac arrest detection	Vellanki Chandra Sekhar,, Dr. Guntapalli Minni, Durgada V L Prasanna, Pagalla Bhavani Shankar, Dr. Srinivasan Nagaraj,, Dr.g.s.jyothirmmai, Dr. Lowlesh Nandkishor Yadav Dr.ch. Asha Immanuel Raju	202641023906	27-02-2026	06-03-2026
32.	A Context-Aware Autonomous Circular Announcement Robot with Dual-Layer Modular Architecture and Adaptive Interaction System	Dr. Sri Silpa Padmanabhuni Dr. S. Saravana Kumar Penugonda Bala Vijaya Durga Dr. Venkata Maha Lakshmi N P.Surya Bharath Maddi Yagna Sree Adduri kavya Sri Harini Malleda Avanth	202641051821	23-04-2026	12-06-2026
33.	IoT-enabled sensor network for offshore large-scale recirculating	Mrs. G. Bharathi Dr. S. Ravi Chand Mr. P. Narasimha Rao Dr. N. G. S. Prasad	202641049629	18-04-2026	01-05-2026

	aquaculture systems and method thereof	Dr. B. Kishore Babu Ms. Kottalanka Uma Devi Dr. P. Hema Kumar Dr. Kalpana Devi Bai Mudavathu Meriga Kiran Kumar Konduri V N A S M Prasad			
AI & ML-04					
34.	An AI-driven personalized recommendation system with explainable machine learning for enhanced user experience	Johnwesily Chappidi Naathi Usha Rani S Md Shafi Dr.Ch. Vengaiah Dr.Chilukala Mahender Reddy Ramesh Poliseti P. Raghavendra Prasad Anup Ingle	202541073681	02-08-2025	05-09-2025
35.	Integrating AI and Cobots: Bridging Human and Machine Collaboration in Industry 5.0	Dr. S. Jayaprada Kestha Ravali Dr. Karan Babaso Patil B. Niveditha	202541094638	01-10-2025	28-11-2025
36.	Intelligent System and Method for Automatic Generation of Meeting Minutes Using Artificial Intelligence and Machine Learning	Dr. Poonam Kakkad Dr. I. Murali Krishna Dr. Poonguzhali M Dr. Kanaka Durga Returi Mr. Babu G Dr. Vanajaroselin Chirchi Dayananda Sagar	202621028089	10-03-2026	01-05-2026
37.	A System And Method For Real-Time Adaptive Traffic Signal Control For Emergency Vehicle Priority Using Yolo-Based Long-Range Detection And Iot Integration	Dr. Rajendra Prasad Banavathu Dr. S. Jayaprada Dr. Sk. Jameer Dr. S. Salma Asiya Begum Mr. P. Jagadeeswara Rao Dr. V. Siva Nagaraju Dr. John Wesily Chappidi Mr. Lalam Narendra Mr. M Pruthvi Raj	202641052659	24-04-2026	08-05-2026
ECE-15					
38.	Design of a compact dual-band symmetric 2×1 CPW-fed circular patch array antenna for WLAN applications	Dr. E. V. Krishna Rao P.tarun S. Shakthi Ram M. John Daniel B.harshitha Dr. Aravind Kumar Madam Dr. P. Pardhasaradhi	202641042299	02-04-2026	17-04-2026
39.	Implementation of Compact Monopole Slotted Patch Antenna System for Dual Band Wireless Communications	Janam Taruni Shaik Shahina Parveen Settipalli Vinoothna Kudumu Vara Prasad Bandi Alekhya E.V.Krishna Rao Ketavath Kumar Naik	202541061487	27-06-2025	11-07-2025

40.	Design of CPW-Fed Multi-Band Tagged Concentric Circles Patch Antenna for Wireless Applications	Dr. E. V. Krishna Rao P. Tarun S. Shakthi Ram M. John Daniel B. Harshitha Dr. Aravind Kumar Madam Dr. P. Pardhasaradhi	202641048481	16-04-2026	01-05-2026
41.	Design and Performance Analysis of a Compact CPW-Fed Meandered Slot Antenna for Wireless Communication	Dr. E. V. Krishna Rao M. Keerthi B. Supriya Ch Rupadevi Dr. Aravind Kumar Madam Dr. P. Pardhasaradhi	202641036604	25-03-2026	10-04-2026
42.	A Quantum-Resistant Cryptographic Processing chip with Reconfigurable hardware logic and integrated physically unclonable function for secure post quantum IOT devices	Dr. P. Gowtham Mr. Pechetti Girish Dr. T. Jayasree Mrs. Pavani Kollamudi Mrs. V. Lalithamani Dr. C. Priya Dr. M. Venkata Ramana Mr. Ravishankar Chandrakantrao Bhaganagare Mr. T. Md. Inthiyaz Ahammed Dr. S. Vinod Kumar	202641042125	01-04-2026	10-04-2026
43.	Artificial Intelligence-BASED Shortest Path Optimization System For Electric Vehicles in IOT-Enabled Smart Cities to Reduce the Energy Consumption	Dr.A.Gopinath Dr.S.Senthamaraiselvi R V Shanmathi S.Dharanika Bondili Siva Hari Prasad Dr. Pinkey Chouhan P. Nirmala Assistant Neeraja B Lecturer, Sonali R. Nandanwar R Gobu Keerthana G Pavan Prabhakar Vispute	202641035098	23-03-2026	03-04-2026
44.	Voltage Level Driven Short Circuit Aware Voltage Level Shifter for Deep Sub Micron Applications	Dr.K.Yoga Prasad Dr.Srinivasulu Gundala Dr.K.M.Hemambaran Dr.M.Mahaboob Basha Dr.O.Hemakesavulu	202641005477	19-01-2026	30-01-2026
45.	A Self-Adaptive Smart Education platform based on Machine Learning, IoT, Blockchain, and Cloud Computing for Continuous Skill	Dr B V N R Siva Kumar Prof.Khalid Ahmed Aldhorae Dr.Seema Patil Dr.Shobha T Dr.Rovin Tiwari Mr.Sachin Mohan Sase Dr.S.Janani Jigarkumar Dineshbhai Patel	202641004051	15-01-2026	02
46.	IOT-Integrated Machine Learning-Driven Graph-	Dr. Anand Kumar Dr. Prabakar D Dr. Kaleeswari C	202641016749	16-02-2026	20-02-2026

	Optimized Medical Drone Delivery System Using Fast Root Optimization Over 6G Networks	Senthil Kumar C Naresh Meruga B. Priya Raziyaya Khan Abdhur Rahman A Vuppuloori Ravi Sekhara Reddy Dr. Sri Jamiya S Kavirasu K N. Ashalatha			
47.	An IoT-Enabled System for Baggage Handling in Airports and Method of Operation	Venkata Daya Sagar Ketaraju A.Narendra Babu K.Raghava Rao M.Janaki Ramaiah	202541062294	30-06-2025	11-07-2025
48.	ML-Based Predictive Framework For Assessing Risk And Early Diagnosis of Inherited Genetic Disorders Using DNA Sequencing Data	Vimit Varghese Dr. Barkha Gupta Priyanka c Mohana Vallim Venkat Rao Pasupuleti Dr. Amit Chauhan Dr. Pranjali Bajrang Chole Prof. (Dr.) Avadhesh Kumar Koshal Dr. P. Jaya Prakash Dr Vishnu Kiran Manam T. Divya Dr. C. Kotteeswari	202541092941	27-09-2025	24-10-2025
49.	Systems and Method for a spatially Variant Generative Adversarial Network for Hyper Realistic image Super Resolution and Detail Enhancement	Dr. Dinesh G Mr.K.Navaneedhan Ms.B.Lakshmi Thirupathamma Mr.Langoja Krishna Chaitanaya Dr.Mamatha Sk Mrs.Karuna Kumari Mr.Kishore Dasari Mr.M.Ashok Nagasai Mr.Ravi Shankar Dr Naveen M George	202641040309	30-03-2026	10-04-2026
50.	An IOT Connected Smart Class room model for automated EFL skill evaluation using ML Algorithms	Dr.A A Jayashree Prabhakar Dr.C.Manja Dr.C.Karpagavalli Dr.R.Roshini Dr.Julius Irudayasamy Dr.R.Reka Bollu Jyothi Thejoroy Dasari M.Venkata Sudhakar Dr.Sohel Ibrahim Priyadarsini S	202641032480	18-03-2026	27-03-2026

51.	Office Assistant Robot	Dr B V N R Siva Kumar Dr K Rani Rudrama T Aravinda Maheswara Reddy P Rudra Reddy T Srija U Bhavana K Chaitanya Sree P Pushpa Lavanya	202641049335	17-04-2026	01-05-2026
52.	Secure Mobile Depositing System	Dr. B V N R Siva Kumar Dr. B.Y.V.N.R.Swamy U Bhavana K Chaitanya Sree P.Pushpa Lavanya T.Aravind Maheswara Reddy P Rudra Reddy T Srija	202641049336	4/17/2026	5/1/2026
EEE-04					
53.	Automated Cleaning Mechanism to Improve Solar Panel Efficiency	Sharmeela Chenniappan, N. Malla Reddy, J. Ankamma Rao, P. Bharath Kumar, J. Sivavara Prasad, Srinivasarao Boddepalli, Thamatapu Eswara Rao, Guruvulu Naidu Ponnada Ganta Ganga Mahesh, Buddha Yaswanth, Gongada Hemanth Kumar, Kamaku Vivek Vardhan, Gavara Shyam Sai	202541102472	24-10-2025	19-12-2025
54.	Smart Energy Ecosystem using ML-Driven IoT Nodes for Predictive Electric Theft Identification and Load Integrity Management	Shilpa Raghuvanshi, Sagar Pandya , C. Mariyammal, Dhanalakshmi S, Dr. K.Ramalingeswara Prasad, Nandhini B, Dr. S.V.D. Anil Kumar, Dr. V. Srinivasan, L. Steffina Morin, Paramasivan Vignesh, M.Bhuvaneswari, S Nagoorkani	202521123000	05-12-2025	30-01-2026
55.	An Adaptive Sensor-Fusion Based Robotic Arm for Real-Time Crop Plucking in Smart Farms	Dr. Madhavi Mallam, Mr. B.C. Divakara, Dr. K. Ramalingeswara Prasad, Dr.Seema Srinivas, Dr. Siddalingesh Bandi, Dr. Preethi Sharma K, Mr. Tilak Kumar L	202641021540	24-02-2026	06-03-2026
56.	A system and method for optimizing power	Penubarthi Sobha Rani	202641063456	19-05-2026	29-06-2026

	distribution using machine learning and predictive modeling				
IT-04					
57.	Intelligent Hrm Framework For Faculty Hiring In Higher Education Institutions Using Machine Learning	Shruthi G Buraga Srinivasa Rao Amit Joshi Dr Saumya Sharma A.Megala Dr Nandini L Mrs.L.Kanimozhi Dr. Soumitra Mondal Kungumaraj K Dr.D.Satheesh Kumar Dr. Monika Dr Sureshkumar, Markanday Subramanian	202541066665	12-07-2025	25-07-2025
58.	Early plant leaf disease detection using CFSA-Optimized CNN with Transfer Learning	Chilakalpudi Malathi Sunilkumar Ketineni Sheela Jayachandran	202541068579	18-07-2025	25-07-2025
59.	System And Method For Non-Invasive Ai-Driven Fingerprint-Based Blood Group Recognition And Health Diagnostics	Banala Sarath Chandra Manubolu Rakesh Koritala Sravya Batchu Manasa Kondiboyina Sagar Chidella Vyshnavi Yeluri Harsha Vardhini Parri Srihari Bethu Kalyan Kumar Dr. Satyanarayana Talam Dr. Seelam Pichi Reddy	202641005029	19-01-2026	30-01-2026
60.	An Ai-Enabled Medicine Recognition, Verification, And Automated Dispensing Support System For Safe And Personalized Healthcare Delivery	Dr. Satuluri Naganjaneyulu Dr. Deepashree Rajendraprasad Mrs. Shruthi N Mrs. Sunkara Sushma Dr. Kanaka Durga Returi Mr. Manojkumar Gottimukkala Prof. Dr. Rajesh Kanthe Ms. M. Deepa Dr. Zamir Khan Dr. Sanjana Prasad	202541133016	29-12-2025	09-01-2026
ME-12					
61.	Microstructural and Hardness Characterization of Hot-Deformed AZ61 Magnesium Alloy	Dr. Vinod Kumari Dr. Siva Sankara Babu Chinka Bhupinder kaur Sukumar N Dr. B. Kavitha Dr. M. Vijay Anand Daniel Durai Raj Cromwel Thomas	202611007065	23-01-2026	06-03-2026

		Dr. S. Navaneethakrishnan Dr. G Vijayakumar Dr. S. Devi			
62.	An Intelligent Pollution Monitoring And Automated Control System Using Machine Learning For Smart Cities	Dr. Buddhghosh Arjun Shingade Shyam Patel Dr.Siva Sankara Babu Chinka Dr. Rani Venkata Satya Praveen Ravi Teja Aida Venu Pantangi Anant Varma Dr. P. SumalathaShantanu Ashutosh Fadnavis Dr.K.P.Yuvaraj Dr Saurabh Sanjay Joshi Ramireddy Siva	202621009544	30-01-2026	13-03-2026
63.	Microbial Nanobiotechnology Process For Biosynthesis Of Metal Nanoparticles	Dr. A. Geetha Anurag Singh Dr. Sneha A. Nanwatkar P Ravindra Kumar Dr. Divya Jyoti Mishra Dr. Prakash Dubey Dr. Jyoti Bhadauria Ramprasad Dinaji Dhage Margaret Priyanka Gade Ms. Monika Sahu	202641030062	12-03-2026	27-03-2026
64.	Intelligent Edge Computing–Driven Lubrication and Thermal Regulation System for High-Efficiency Mechanical Assemblies	Dr. Akash Doomra Malkapuram Devaiah P Ravindra Kumar D. Vinoth Raj Dr. Sharad S. Chaudhari Dr. A. B. Khansole Dr. R. H. Shinde Dr. Ramakrishnaiah Dr. R G Padmanabhan Lt. Dr. A. Joseph Arockiam	202611048274	15-04-2026	29-05-2026
65.	Curriculum Reforms And Their Effect On Skill-Based Education	S. Kavitha J. Faustina Mr. Vishnu Singh Dr. Prakriti James Dr. V. Dhana Raju Dr. Dipali Bapurao Chirange Dr. Abhijit Shankar Mali Mr. Yogesh Dattatray Kadlag Sohel Ibrahim Shaikh K. V. S. N. Jawahar Babu Anuradha Gohad	202641021618	24-02-2026	06-03-2026
66.	Solar assisted atmospheric water generator	Dr.timmidi Naagadurga, Dr.V.dhana Raju, Dr.m.b.s.sreekara Reddy, Mr.r.anjaneyulu Naik, Dr.katuru Bala Prasad, Dr N Rajesh Babu,	202641043494	06-04-2026	17-04-2026

		Dr B Sreenivasa Raju, Mrs.t.sumalatha,			
67.	Artificial Intelligence-enabled real-time traffic signal optimization method using smart-city sensors	Dr. Rajeev Dahiya Dr. R. Saranya Dr. Santhosh S Ms. C. Sandhiya Ms. D. Sujeetha Govindarajulu Eedara Perumalla Vijaya Kumar Ms. M. Mahabooba Dr. Sumanth. S M Muthamizh.Selvam Dr. Ramprasad N	202511123265	06/12/2025	23/01/2026
68.	Ai-driven intelligent cnc machining system with predictive optimization and adaptive process control	Mohanprabu Mysamy Sankararao Vinjavarapu Dr. K. S. Karthi Vinith Dr. B. Dhanasakkaravarthi Dr. Shailendra Kumar Bohidar Dr. Gopala Rao Thellaputta	202641063943	20/05/2026	29/05/2026
69.	A Universal Adaptive System And Mechanism For Multi-Domain Machinery Applications	Mr. Sankararao Vinjavarapu Dr. Kalapala Prasad Dr. Shashank Vasant Divgi Dr. T. Vinod Kumar Dr. Rohit Agrawal Mr. K. Pravinkumar	202641021498	23-02-2026	06-03-2026
70.	System and method for unified, real-time healthcare information access to improve patient outcomes and efficiency	Solige Pullaiah K Lakshmi Prasad Bhooma Navyasree	202641062310	16/05/2026	29/05/2026
71.	A smart adaptive vibration monitoring and control system for industrial machinery using hybrid sensor fusion and real-time feedback optimization	Dr. S. Perumal Sankar Dr. M. Thirumalaimuthukumaran Mohan Dr. Sudheer Kumar Battula Mr. A Sathish Kumar Mr. B. Tamilvanan Dr. P. Vijayakumar S. Muthuvel	202641042475	02/04/2026	17/04/2026
72.	Snail shell Powder addition to Al alloy developed a surface composites through FSP	Dr.Md.Ahasan Dr.Murahari Kolli Kosaraju Satyanarayana Dr Aruri Devaraju Dr ch. Shashikanth	202641072825	12-06-2026	19-06-2026
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73.	System and Method for Optimizing Computational Fluid Dynamics Simulations Using Advanced Mathematical Modeling and High-Performance Computing	Siddesh Babu Dr.Md.Shamshuddin Dr.R.Swetha Dr.K.R.Kavitha Dr.M.Rupa Lavanya Dr.K.Mamatha Dr.G.Jaya Lalitha Dr.Chillara Soma shekar Dr.K.Madhusudhan Reddy Dr.Sivaiah Sreeramula	202541075973	09-08-2025	05-09-2025
74.	Enhancement Of Undergraduate Students Language Competence Through Pragmatic Practices	Dr.sk,Rihana R.Deepa Dr.M.K.Padmalatha K. Samaikya	202541057896	04-07-2025	17-06-2025
75.	Machine Learning Framework for Gender-Inclusive Language Assessment in Academic and Professional Communication	Dr. S. Shanmuga Priya, Mrs. Kanulla Sridevi Dr. Shagufta Parween Dr Ch Rajaniprashanth Dr.Shirisha Deshpande, Dr. Atul Narayan Choure Dr.Avula vijayalakshmi Dr. P. Basheer Khan	202641046811	12/04/2026	24/04/2026
76.	System for Workplace Communication Standardization using English Language Compliance Detection Modules	Dr. B. Anitha, Dr. Shaguftha Parween, Dr. Samrajya Lakshmi, Dr. Hanmant Ashok Metkari, Dr. Shirisha Deshpande, Dr. V. Ashok Kumar, Dr. D. Sudhakar Reddy, Dr. Indrani Merugu.	202641068155	30-05-2026	05-06-2026
77.	A Novel Response Surface Method-Based System and Process for Optimization of Unsteady Micropolar Nanofluid Flow over Stretching Surface	Dr. G. Charan Kumar Dr. D. Ramesh Dr. K. Jhansi Rani Dr. GudalaBalaji Prakash Dr. K. Kondala Rao Dr. K. Lakshmi Narayan Dr. Anuradha M. N. L Mr. J. Govardhan Gorla Venkata Ganesh	202641074903	17-06-2026	26-06-2026
MBA-10					
78.	Artificial Intelligence-Based Design Framework for Diamond Fractal MIMO Antennas in Ultra-High-Frequency 6G Networks	Allanki Sanyasi Rao Amit Joshi Narayan Krishan Vyas Dr. R. Jeyalakshmi; Dr. Anirban Neogi Penki Rohit Datla Rajitha Vemulapati Pavani	202541071213	26-07-2025	01-08-2025

		Thota Jyothi Kumari Dr. N. Chidambararaj R. Anand; Subhasheni A			
79.	Machine Learning-Powered Cloud Security Framework for E-Commerce Platforms with Integrated Behavioral Analytics	Ankur Jain Dr. Reena Prashant Shinde Dr. Sahebrao N. Shinde Kruthi V P Mrs. Yaramala Nagamani P. Bushra Anjum Dr. C. V. Lakshmi Narayana Dr. Deepak Sundrani L. Panneer Dhas Dr. K. Senthil Prakash Dr. V. Prabakaran B. Mohanapriya	202511075980	09-08-2025	29-08-2025
80.	Recognizing Sociocultural Competencies in Social Entrepreneurship through Machine Learning in Higher Education	Dr. Hemant Pal; Dr. Sanjeev Gour; Dr. Sam Sangeeth G; Dr. Harmanpreet Kaur; Dr. K. Deepika; Dr. K. Sunanda; Dr. Krishan Kumar Kumawat; Punitha Gowri R; Dr. Soumitra Mondal; Dr. B. Senthilnayaki; Prof. Prashant Adsule; Thulasimani T	202521078819	19-08-2025	05-09-2025
81.	ML, IoT and Big-Data Driven System for Predicting and Enhancing Entrepreneurial Potential among Higher Education Students	Dr. Pandurang Tukaram Pawar; Mannem Srinivasa Chakravarthy; Latha M; Komal S; Dr. Shaik Balkhis Banu; Dr. K. Nanthitha; Dr. Abhishek Kumar Mishra; Dr. Sureshkumar Markanday Subramanian; Vandana Bonu; Dr. R. Murugesan; Dr. Rekha Tiwary; Dr. Vivekanand Pandey	202521072281	29-07-2025	05-09-0225
82.	ML-Powered Predictive Analytics for Academic Performance and Psychological Behaviour among Students in Higher Education	Raghavulu Ramella; Dr. Rakesh Ashok More; Dr. A. Adishesha Reddy; M. Goverdhana Reddy; Mr. M. Nandhakumar; Dr. Deepak Sundrani; Kajal Srivastava; Dr. Soumitra Mondal; Banavathu Ramyasree; Dr. Pushpalatha L; Dr. J. Krishna; Jeyaprakash N	202541087924	16-09-2025	10-10-2025

83.	Machine Learning-Driven Analysis of Internet and Social Media Addiction and its Influence on Academic Outcomes and Cybercrime	Dr. Satyanarayana Ramella; Dr. Vidhya Samad Barpha; Dr. Naresh Ogirala; Dr. Rakesh Ashok More; Sumita Kumar; Vijaybabu D; Dr. Vaddi Seshagiri Rao; Dr. Deepak Sundrani; Dinesh Malviya; Abhendra Pratap Singh; Rachna Chandra; Prof. Prashant Adsule	202541090726	23-09-2025	24-10-2025
84.	Hybrid Machine-Learning-Driven Predictive Model for Dynamic Pricing and Consumer Purchase Behavior in E-Commerce Platforms	Rama Swamy Palla; Eti Khatri; Dr. S. Karunakaran; B. Kalyan Kumar; Bharathi V Kalmath; Dr. Kandavalli Michael Angelo; Shruti Sharma; Dr. Kshatrapal Singh; K. Manasa Lakshmi; Manoja R; Dr. P. Kathavarayan; Abhendra Pratap Singh	202541093288	29-09-2025	31-10-2025
85.	Intelligent IOT-enabled machine learning system for environmental pollution-based early cancer detection in smart cities	Dr. Hemant Pal, Dr. Rakesh Sharma, Gummala Divya Kumari, R Punitha, Mrs. Kalyani Ruturaj Patil, Dr. D. Venkateswarlu, Ram Prasad Chakraborty, Angelin Kiruba P, Sk Mofizul Haque, Saranya S, Dr. Ananda A, Dr. Jalli Ravi Kumar	202621020491	21-02-2026	10-04-2026
86.	ML-enhanced mathematical utility model for share market forecasting	Dr. Prathipati Suneetha – Dr. Sudhakar Dr. Sreedevi Agastyaraju – Kalpana S Urvashi Manav Rachna Dr. Shanti Swarup Dubey Dr. Vinod Kumar Dr. V. T. Krishnaprasath Dr. Undabatla Rambabu Subham Pankaj Samantaray S. Nadhiya R. Akbar Ali	202541128183	17-12-2025	02-01-2026
87.	Machine learning framework for real-time logistics path optimization in e-commerce supply chain networks	Dr Padmaja Pulicherla, Dr Angotu Nageswara Rao, Radhika Rajesh Nikam, Dr. Lavanya P B, Bethi Saiteja, Chintolla Surekha,	202641052224	24-04-2026	08-05-2026

		Dr. I. James, Dr. C. Sankar, Dr. Priyanka Sahni, Adarsh Kumar Ippili, Banushri A, Pooja Singh			
DESIGN PATENTS					
88.	Artificial Intelligence Based Heart Rate Monitoring Device for sports training	Dr. Duggineni Veeraiah, Dr. G. Ganesh Kumar, Dr. Manoj Kumar Tiwari , Dr.M.Ramakrishnan , Dr. Aniruddha Subhashchandra Rumale, Dr. Shailaja Nilesh Uke, Dr.R.E.Ugandar Dr.K.Akila	461012-001	02-06-2025	10-10-2502
89.	Hybrid Solar-Wind Electric Vehicle Charging Station	Dr. Somarouthu Venkata Govardhana Veera Anjaneya Prasad, Dr. Padmesh Medesety, Dr. Samraat Sharma, Dr. Rupak Kumar Deb, Dr. Gudipudi Nageswara Rao, Prakash Karuppusamy, Muthurajan Subramoniam, Dr. Angesh Chandra, Dr. Karthi Varatharaj, Dr. Rajat Upadhyaya	6474514	23-09-2025	01-10-2025
90.	Radioactive Materials Handling Mechanical machine	Dr. Dilip Kumar Dr.D Sarukasan, Dr. Siva kumar Karthikeyan Dr.K.P.Boopathi Raja Dr.S.Arvind Dr.Shashank Vasant Divgi	493593-001	05/03/2026	06/05/2026
91.	Smart Energy management device for indoor farming	Ayush Vashisth Dr. Smruti Gantayat Dr Biswajit Mohapatra Mr. Jonnala Subba Reddy	461475-001	06-06-2025	19/06/2026
92.	AI-Based Robot for Industrial Material Handling	Dr. Shashi Ranjan Mohan, Pooja Jaiswal , Ms. Mithlesh Rathor, Abdul Rahman Bin Senathirajah, Dr. Thiravidamani Kumuthavalli, Dr. Boddupalli Venkata Naga Raja Siva Kumar, Dr. Tarun Kumar Tayal, Dr. Manisha Priyadarshini	6523001	28-04-2026	11-05-2026

93.	Deep learning based apparatus for tactile language learning	Dr. Velmurugan pavanan, Dr. S.brindha, Dr. Syed wahaj mohsin, S. Sharmila, Dr. Kavitha r, Mr. S.V.V.D.Jagadeesh, Mr. Sheik jamil ahmed, Dr. A.kannagi, isha das, dr. D.revathi	463305-001	6/24/2025	9/19/2025
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Books/Chapters

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
AI&DS – Books - 06 Chapters - 03								
1.	AI&DS	KATTUPALLI SUDHAKAR, Dr.O.Rama Devi, Dr.A.C.P.Ranjana Dr.A.Daveed u Raju	Book	Design Thinking Essentials: A Student's Guide to Creative Problem Solving	SMSAMS PUBLICATIONS	19-04-2025	978-81-978852-1-1	Not indexed
2.	AI&DS	Kolikipogu, R.; Prabakar, D.; Jayalakshmi, V.; Rajakani, M.; Sudhakar, K. ; Maguluri, L.P.	Book Chapter	Artificial Intelligence and Sustainable Networks AI-Based Assessment of Climate Change Impacts on Public and Environmental Health:	CRC Press	April 2026		Scopus
3.	AI&DS	Dr. Divvela Srinivasa Rao, Dr. Prakash Bethapudi, V. Kiran Kumar, Dr. Gopikha Sundara Murthy	Book	Compiler Design	BR Publications	18-11-2025	978-93-47231-95-7	Not indexed
4.	AI&DS	Dr. N. Bharathi, SVN Mahesh Duriseeti, Dr. Divvela Srinivasa Rao, J. Rohini	Book	Big Data Analytics	BR Publications	27-10-2025	978-93-47231-04-9	Not indexed
5.	AI&DS	Dr. K. Umamaheswara Rao, Dr. M. Nagapavani, Dr. Divvela Srinivasa Rao, Mr. Anil Kumar	Book	Discrete Mathematics	BR Publications	08-09-2025	978-81-99085-82-4	Not indexed
6.	AI&DS	Divvela Srinivasa Rao, P.Venkateswara Rao, V.Sucharita	Book Chapter	Quantum AI and Deep-Tech Innovations for Next-Gen Intelligence: Comparison of Classical ML algorithms and	NRI Institute of Technology, Pothavarappadu	28-03-2026	978-93-343-7220-5	Not indexed

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
				Quantum Machine Learning Algorithms in Identifying Insurance Claim Fraud				
7.	AI&DS	V. Sucharita, P Venkateswara Rao, Divvela Srinivasa Rao	Book Chapter	Quantum AI and Deep-Tech Innovations for Next-Gen Intelligence: A Sustainable Quantum-Hybrid Platform for Crop Yield Prediction and Farm Resource Optimization	NRI Institute of Technology, Pothavara ppadu	28-03-2026	978-93-343-7220-5	Not indexed
8.	AI&DS	Venkatesh Koreddi and Shirley Josephine Mary R	Book	Generative AI: Theory and Practice	Bluepen International Publisher	03-02-2026	978-93-6940-776-7	Not indexed
9.	AI&DS	Venkatesh Koreddi Meriga Kiran Kumar Kshatriya Vinaya Sree Bai	Book	Natural Language Processing	Bluepen International	01-03-2026	978-93-6940-393-6	Not indexed
10.	AI&DS	Dr. M. Vidhyasree, Dr. Priti Sharma, Dr. V. Suryanarayana	Book	Mastering Image Processing Using Python	Scientific International Publishing House	01-06-2026	978-93-7196-024-3	Not indexed
CE - Books - 03 Chapters - 00								
11.	CE	Dr. T. Muralidhara Rao, Ch. Veerottam Kumar, Seelam Nagendra, Dr. V. Ramana Kollipara , Dr. Kusuma Sundara Kumar, P. Vamsi Krishna	Book	Structural Health Monitoring using IOT	Excellent Publishers	15-06-2026	978-81-69623-03-2	Not Indexed

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
12.	CE	Dr. Kusuma Sundara Kumar, Dr. Saroja Rani Kesanapalli, Dr C Rajamallu , and Mr. S. Ashok Kumar	Book	Prefabricated construction technology-current practices & future trends	The institute for innovations in engineering and technology	29-12-2025	978-81-993404-8-0	Not indexed
13.	CE	N. Abhilash, Dr K. Sundara Kumar, Dr V. Ramakrishna , S. Ashok Kumar	Book	Groundwater Pollution	The institute for innovations in engineering and technology	30-01-2026	978-81-993404-2-8	Not indexed
CSE – Books - 03 Chapters - 08								
14.	CSE	Dr. Duggineni Veeraiah , Dr. P. Mano Paul, Sama Mineesha, A. Rahila Banu	Book	Deep Learning Techniques	Zenodo, BR Publications	07-10-2025	978-81-993608-5-3	Non Indexed
15.	CSE	Usha Rani Bajjuri , Rajya Lakshmi Davuluri, Addanki Bindu, Mullangi Raju, M.L.A.G Praneeth	Book Chapter	GRENZE International Journal of Engineering and Technology: Gesture Driven AI Virtual Mouse: Revolutionizing Human Computer-Interaction with Computer Vision	GRENZE Scientific Society	17-07-2025	2395-5295	Scopus
16.	CSE	K. Devi Priya , Kamparapu V. V. Satya Trinadh Naidu, V. Chandra Kumar, Anusuri Krishna Veni, Sudipta Banerjee, M. V. Rajesh & K. Bhanu Rajesh Naidu	Book Chapter	Applications of Fuzzy Logic in Decision Making and Management Science(Springer-publication):Exploring the Efficacy of Machine Learning Algorithms Across Diverse Feature Selection Strategies in Rice Classification Tasks	Springer	20-05-2025	978-3-031-77719-6	Non Indexed

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
17.	CSE	Puppala Naga Sravanthi, Kiran Kumar Meriga	Book Chapter	Multi-Criteria Decision Making Methods and Sustainable Applications in the Digital Age: Supply Chain Management for Sustainable Food Production Using the Analytic Hierarchy Process	IGI Global Scientific Publishing	12-11-2025	979836 938791 7	Non Indexed
18.	CSE	Dasari Anusha, Dudla Anil Kumar , Durga Satish Matta, Dudla Prabhakar	Book Chapter	Explainable Artificial Intelligence-based Industrial Internet of Things: Explainable AI and its contributions to smart cities, smart homes, and eHealth	CRC Press	31-12-2025	978100 353738 0	Scopus
19.	CSE	Sri Silpa Padmanabhuni, Padmaja Grandhe*, Swathi Buragadda and T V Divya	Book Chapter	Modern Trends in Pervasive Intelligence: Adaptive Firefly Algorithm to Find the Optimal Number of Features in IIOT Data in Detection of Cyber Security Attacks	Bentham Books	30-04-2026	979-8-89881-501-1, 2026	Scopus
20.	CSE	S. Satyanarayana, Srinubabu Kilaru, and Kommuri Venkatrao	Book Chapter	Engineering Data analytics and Management(Advances in Engineering Research): An Integrated Deep Learning and Reinforcement Learning Framework for Profit Maximization in Perishable Food Supply Chains		31-12-2025	978-94-6463-978-0	Not indexed

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
21.	CSE	Dr. Seelam. Nagarjuna Reddy , Dr. Lokesh Nelligere Selvarajshivali ngegowda, S.A nuja, Dr.M.I.Thariq Hussan S. Sathish Kumar	Book	Software testing through AI-powered automation	Pandit publications	06-01-2026	978-81-997248-1-5	Not indexed
22.	CSE	K. DeviPriya , K. V. V. S. Trinadh Naidu, V. Chandra Kumar, Subrata Jana, Biswadip Basu Mallik, K. Bhanu Rajesh Naidu, M. V. Rajesh	Book Chapter	Advancing women health: detecting polycystic ovary syndrome through machine learning	Advanced mathematics in computing, communication and security(wiley-publications)	05-12-2025	9781394307272	Not indexed
23.	CSE	Dr. V. Elanangai, Dr. P a Abdul saleem, Mr. Rambabu inaganti, m. Baby anusha , Dr. Raman kumar m	Book	AI in IoT: unlocking the future of autonomous and intelligent systems	Cosmas Scientific Publications	26-06-2025	978-93-6096-483-2	Not indexed
24.	CSE	Dr.D.Venkata Subbaiah , Nayak B.V., Niharika R., Venuanjaneyulu P	Book Chapter	IoT-Enhanced Object Mask Modeling for Advanced Driver Assistance System GRENZE Publisher		July-2025	9778-81-955890-7-4	Indexed
CSE (AI&ML) - Books - 01 Chapters - 04								
25.	CSE(AI&ML)	Shaik Salma Asiya Begum Hussain Syed	Book Chapter	AI-based image recognition for early diagnosis and precise classification of pepper and maize leaf diseases: Intelligent Systems :Lecture Notes in Networks and Systems	Springer	24-08-2025	978-981-96-3797-3	Scopus

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
26.	CSE(AI&ML)	Shaik Salma Asiya Begum, Venkata Ramya Avula, Akram Shaik, Poojitha Somisetty & Hummera Kausar Syed	Book Chapter	Innovations and Advances in Cognitive Systems: Early Detection of Alzheimer's Severity with Ensemble Learning & Grad-CAM Using MRI Images	Springer	13-10-2025	978-3-031-97709-1	Scopus
27.	CSE(AI&ML)	Dr.S.Jayapradha, Bhargavi Aggunna, Hema Naga Sri Gajula, Harika Jadam & Vagdevi Mariseti	Book Chapter	Innovations and Advances in Cognitive Systems: Hybrid ai chatbot for crop yield optimization and disease prevention using deep learning techniques	Springer	13-10-2025	978-3-031-97709-1	Scopus
28.	CSE(AI&ML)	Kranthi Kumar Y, Harsh J. Shah, Kola Aravind, Pandipati Mokshagna & Talluri Subrahmanyam	Book Chapter	Phishing site analyzer: ai-driven real-time detection with mlp and flask	Springer	01-10-2025	978-3-031-97713-8	Scopus
29.	CSE(AI&ML)	Dr.S.jayapradha, Dr.K.Srinivas Dr.K.Bala Brahmeswara Dr.Apparna.A	Book	An Artificial Intelligence System for Future-Aware Decision	Selfypage Developer's Pvt Ltd	21-02-2026	978-93-7020-669-4	Not indexed
ECE – Books - 02 Chapters - 02								
30.	ECE	Mohammed Mahaboob Basha, Gundala Srinivasulu, V.Madhurima	Book Chapter	Nanoelectronics: Fundamentals, Advances, and Applications:EDP-Efficient Level Shifters for Super Threshold Voltage Level Shifting Applications	Scrivener Publishing	28-08-2025	9781394275199	Scopus
31.	ECE	Mohammed MahaboobBasha, P.Lachi Reddy, Srinivasulu Gundala	Book Chapter	Nanoelectronics: Fundamentals, Advances, and Applications:Exploring CMOS, PTL and GDI Logic Families Based One	Scrivener Publishing	25-08-2025	9781394275199	Scopus

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
				Bit Full Adder and Subtractor Circuits in Subthreshold Region for Energy and EDP Efficient Applications				
32.	ECE	Dr. Sricheta Parui, Mrs. Rajeshwari Patil, Dr. Jyoti Neeli, Dr. Chenthil T. R, Dr. B V N R Siva Kumar	Book	AI and IOT in Healthcare Application	Technical Press	May-2026	978-81-69069-96-0	Not Indexed
33.	ECE	Dr.E.V.Krishna Rao	Book	Engineering & Technical Development for a Sustainable Environment	Vinsa Publishing	April 2026	978-93-7415-014-6	Not Indexed
EEE – Books - 02 Chapters - 01								
34.	EEE	Sobha Rani P, Giridhar M.S., Padma R., Tabita G.	Book Chapter	Advances in Electrical Power and Embedded Drive Control:Role of Optimization Techniques in Power Quality Improvement of Micro-grid	Springer	02-07-2025	9789819636945	Scopus
35.	EEE	Dr. Angesh Chandra, Dr. Rahul K. Bhoyar, Dr. G. Nageswara Rao , Dr. I. D. Soubache	Book	Modern Electric Vehicle Technology	RK Publications	20-08-2025	9789349701359	Not indexed
36.	EEE	A. V. Ravikumar , Nagalinga Chary K.	Book	Boolean Algebra and Logic Gates	Lambert Academic Publishing	29-07-2025	6207639677	Not indexed
FED – Books - 03 Chapters - 02								
37.	FED	Dr.Rashmi Mishra, Dr.G Bhaskar Reddy, Dr.K.R.Kavitha , Dr.Chillara Soma Shekar	Book	Complex Variables & Numerical Methods	Deccan International Academic Publisher	01-09-2025	978-93-49092-20-4	Not indexed
38.	FED	Dr. B. Samrajya lakshmi	Book	From Epics to Entertainment:	Book Rivers	01-05-2026	978-93-7837-003-8	Not indexed

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
				Dharma in Shashi Tharoor's Novels				
39.	FED	1. Dr. K. Mohamed Umar Farooq 2. Dr. S. Kavitha 3. Dr. K. S. Mohana Priya 4. Dr. D. Geetha 5. Dr. S. Menaka 6. Mr. Rajib Saha and Mr. Bishnu P. Gogoi 7. Ms. D. Chaithanya and Dr. Reema Chakrabarti 8. Ms. S. Sumayya 9. Ms. M. Nathiya 10. Mr. J. Nitheesh 11. Ms. R. Jeya Surya	Book Chapter	Language In Literature: A Story-Centric Approach: Dalit Feminism in The Age of Global Feminist Theory: Negotiating Local and Global Frames	Docbrighter Press	01-08-2025	978-81-990809-5-9	Not indexed
40.	FED	Ms. D. Chaithanya & Dr. Reema Chakrabarti	Book Chapter	Beyond the Ages (Tracing Heritage, Culture, Tradition and Technology through Literature/ Commenting from the Margins: Humanizing Subaltern of Virama's Life	Mind Reading Publications	01-09-2025	978-93-92150-91-3	
41.	FED	Bhagya Lakshmi, Dr. A. Amrutha Valli	Book	Microbial Lipases: A Case Study of Penicillium citrinum KU613360	Immortal Publications	27-06-2026	978-93-5987-203-2	
IT - Books - 01 Chapters - 03								

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
42.	IT	Chandra Sekhar Kolli Venkata Krishna Reddy Vadisena A K S Rajeev Kumar Gottala	Book	Intelligent Course Recommendation: A Hybrid Deep Learning Perspective Innovative Strategies for AI-Driven Academic Guidance	Lambert Acadmic Publishing	29-07-2025	978999 932964 4	Not indexed
43.	IT	Rajasekhar Kommaraju Kuriseti Sai Sujith Yanamadala Sri Yougananda Gopi Kishore Arigala Narendra Patnala Pavan Kumar Arvapalli Home Harshavardhan G. Maheswari	Book Chapter	International Journal of Information Technology: An ensemble transfer learning metaheuristic optimization framework for detection of glioblastoma	Springer	21-11-2025	NA	Not indexed
44.	IT	B. Sarath Chandra , Raja Rao P.B.V., M. Geetha, P. V. Narasimha Raju, Madhukumar Patnala and Sivudu Macherla	Book Chapter	Medical Metaverse for digital healthcare: Energy Efficient lightweight security framework for internet of medical things devices for healthcare applications	scrivener publishing	30-12-2025	978139 440847 4	Not indexed
45.	IT	Ch Sambasiva Rao Pabbathi Manobhi Ram, Viswanadhapalli Siva Motakatla Satya Sai Krishna Reddy	Book Chapter	Airline Prediction Using Customer Feedback and Rating Using Machine Learning and Deep Learning (Book Chapter) https://doi.org/10.1002/9781394212798.ch5	Sustainable Resource Management in Next-Generation Computational Constrained Networks Editor(s): Subhasis Dash, Manas Ranjan Lenka, S.	18 August 2025	Print ISBN:97 813942 12569 Online ISBN:97 813942 12798 DOI:10. 1002/97 813942 12798	Not Indexed

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
					Balamurugan, Ambika Prasad Tripathy, Amarendra Mohanty Wiley			
MBA – Books - 01 Chapters - 06								
46.	MBA	Dr. Mohd. Asif Gandhi , Dr. R. Jeyalakshmi , Dr. Samuel Rao , Dr. Jitendra Kumar Sahu	Book	Operations Management	RK Publications	17-07-2025	978-93-49701-39-7	Not indexed
47.	MBA	Dr. Undabatla Rambabu , Mr. K. Ravi Kiran Yasaswi	Book Chapter	Educational Transformation through Globalization & Technology Transformative Role of Artificial Intelligence in Education:	A2Z Edulearnin ghub	31-08-2025	978-81-991683-4-3	Not indexed
48.	MBA	Naresh Ogirala ; NagaLakshmi Yaddanapudi	Book Chapter	Machine Learning Applications in E-Commerce, Finance, and Human Resource Management ML-Based Fraud Detection and Risk Assessment Models in Digital Payment Systems	Rademics Research Institute	28-10-2025	9349552906	Not indexed
49.	MBA	Vandana N. Revankar ; G. Nivashini ; P. Selvakumar ; K. L. Meera ; Undabatla Rambabu , M. R. Arun ; T. C. Manjunath	Book Chapter	Innovative Decision-Making in Engineering The Role of Cognition, Heuristics, and Human Factors Decision Making in Human-Computer Interaction	IGI Global Scientific Publishing	30-11-2025	979-8-3373-5702-7	*Scopus Indexed

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
50.	MBA	Dr. D. Venkateswarlu ; Dr. G. Nageswara Rao ; Dr. Ch. Rajendra Babu	Book Chapter	Green Investments and Sustainable Capital Markets: Trends, Risks, and Global Research Perspectives The Synergy of Ethical Stewardship: Evaluating the Tripartite Linkage between Corporate Sustainability, Governance, and Firm Valuation in Global Markets	Immortal Publications	31-01-2026	978-93-5679-396-5	Not indexed
51.	MBA	Dr. V. V. Narsi Reddy ; Dr. Ch. Shankar ; P. V. N. Nataraj ; Yaramala Nagamani	Book Chapter	Green Investments and Sustainable Capital Markets: Trends, Risks, and Global Research Perspectives: Investor Behaviour in Green Investments: Evidence from Markets and Data	Immortal Publications	31-01-2026	978-93-5679-396-5	Not indexed
52.	MBA	P. Selvakumar, V. M. R. Hiremath, R. Kalai Selvi, Undabatla Rambabu , Vijay Uprikar, Ninad Rithe	Book Chapter	International Models of Occupational Health and Safety: Strategies, Systems, and Success Stories The Role of AI and Machine Learning in Predictive Safety Analytics	IGI Global Scientific Publishing	19-03-2026	9798337363721	*Scopus Indexed
ME – Books - 02 Chapters - 08								
53.	ME	Dr A.Nagarajan, Laxman Baburao Abhang, Jonnala Subba Reddy , Prasath M	Book	Composite Materials Design and Applications	Lunar Publications	10-09-2025	978-81-983636-3-3	Not indexed

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
54.	ME	Jayashri N Nair, Dhana Raju , Devunuri Suresh, Konkala Balashowry and C.P. Jawahar	Book Chapter	Fuelling the future: Hydrogen energy horizon: Challenges and barrier identification in adoption of hydrogen energy	Elsevier	18-09-2025	978-0-443-34090-1	*Scopus Indexed
55.	ME	V. V. D. Sahithi , P. Prasad Kumar , Dhanunjay Kumar Ammisetti , Suresh Goka and K. Aruna Prabha	Book Chapter	Metal and Polymer Micro and Nano Composites, De Gruyter: Biomedical applications: magnesium hybrid composites reinforced with nanographene nanoparticles (GNPs) and Al ₂ O ₃	De Gruyter Brill	29-12-2025	9783111664835	Scopus
56.	ME	Dhanunjay Kumar Ammisetti	Book Chapter	Metal and Polymer Micro and Nano Composites: Chapter 3 Detailed review of micro- and nanocomposites	De Gruyter Brill	29-12-2025	9783111664835	Scopus
57.	ME	Murahari Kolli and J. Paulo Davim	Book	Metal and Polymer Micro and Nano Composites	De Gruyter Brill	29-12-2025	9783111664835	*Scopus Indexed
58.	ME	Murahari Kolli , Ravi Prakash Babu Kocharla , Chandrasekar Sunnapu and Murali Mohan Cheepu	Book Chapter	Metal and Polymer Micro and Nano Composites: Mechanical and microstructure characteristics of jute/carbon/crab hybrid composites	De Gruyter Brill	29-12-2025	9783111664835	*Scopus Indexed
59.	ME	Saikumar Gadakary , Murahari Kolli , Bh. Vara Prasad , D. Maheshwari , Md. Zaid Mazher and Ch. Shravya Sree	Book Chapter	Metal and Polymer Micro and Nano Composites: Enhancement of mechanical properties in epoxy-based composites reinforced with magnesium oxide nanoparticles	De Gruyter Brill	29-12-2026	9783111664835	*Scopus Indexed
60.	ME	Murahari Kolli , Chan Basha Abdul,	Book Chapter	Metal and Polymer Micro and Nano Composites: Experimental	De Gruyter Brill	29-12-2026	9783111664835	*Scopus Indexed

S.No	Dept.	Names of all Authors	Type of article	Title of the Book	Name of the Publisher	Date of Publication	E-ISBN	Indexed
		Alekhyia Siriyala		investigation on AISI 8720/WC-Ni-Cr composites through laser cladding approach for agriculture applications				
61.	ME	Siva Sankara Babu Chinka and Gampa Siva Prasad	Book Chapter	Metal and Polymer Micro and Nano Composites:Evaluation of mechanical characteristics of epoxy composites reinforced with jute, pineapple, sisal fibers, and titanium oxide particles	De Gruyter Brill	29-12-2025	9783111664835	*Scopus Indexed
62.	ME	Md. Ahasan , Ratnala Prasad , Seelam Pichi Reddy , Md. Rasheeda and Yarrapragada K. S. S. Rao	Book Chapter	Metal and Polymer Micro and Nano Composites:Experimental verification with simulation studies on Al-TiB ₂ sintered preforms during upsetting	De Gruyter Brill	29-12-2025	9783111664835	Scopus