



SDM INSTITUTE OF TECHNOLOGY



Activity Report 2024

Conferences/ Seminars/ Workshops attended by Faculty Members (Jan - Dec 2024)

Dept.: Computer Sc. & Engg.

Sl. No.	Staff Name & Designation	Programme/ Organizer	Place	Date(s)
1	Dr. Thyagaraju GS, Professor & HoD	AI Tool Workshop / Be10X-Edutech, Kolkatta	Online	21 Jan 2024
2	Mr. Pradeep Rao, Mrs. Suchetha and Mr. Arjun K, Asst. Professors	Workshop-Angular JS/ SDMIT, Ujire	Ujire	26 Feb – 1 March 2024
3	Dr. Suchetha NV, Asst. Professor	Workshop on Full stack development with Django/ JNNCE, Shivamogga	Shivamogga	8 - 12 April 2024
4		Workshop- MongoDB / SVIT, Bengaluru	Bengaluru	16 - 18 April 2024
5	All faculty members	Workshop on Full stack Development / SDMIT, Ujire	Ujire	13 - 17 May 2024
6	Mr. Dhawal Jain, Asst. Professor	Workshop on Research Pedagogy and Contemporary Research/ SMEC, Telangana	Online	26 - 28 June, 2024
7	Dr. Suchetha NV, Asst. Professor	Enhancing Research Impact: Tools and Tech. for Effective Publishing / SNU, Jharkhand & RES Sc. Hub, Coimbatore	Coimbatore	9 – 14 Sept, 2024

Dept.: Electronics & Comm. Engg.

Sl. No.	Staff Name & Designation	Programme/ Organizer	Place	Date(s)
1	Dr. Bharathraj Kumar M, Associate Professor	Workshop on 'Employability Skills through MOOCs' / BNMIT, Bengaluru and VTU, Belagavi	Bengaluru	16 Feb 2024
2		Int. Conf. on Wireless Sensor Network/ SSIT, Tumkur	Tumkur	21 - 22 June 2024
3		FDP on Realizing a Software Defined Radio using FPGA/ GSSSIT, Mysuru	Mysuru	20 – 24 May 2024
4		Workshop on 'CoreEL Edu Summit 2024'	Mangalore	6 Aug 2024

5		Workshop on 'Employability Skills through MOOCs' / VTU-RC, Bengaluru	Bengaluru	10 Oct 2024
6	Dr. Madhusudhana K, Associate Professor & HoD	Workshop on AICTE Activity points/ SKIT, Bengaluru and VTU Belagavi	Bengaluru	23 Nov 2024

Dept.: Electrical & Electronics Engg.

Sl. No.	Staff Name & Designation	Programme/ Organizer	Place	Date(s)
1	Dr. Somashekar DP, Asst. Professor	FDP on 'Aiming towards 3D's in Electrical Engg.' / MGIT, Hyderabad	Online	11 – 15 March 2024
2		FDP on 'AI implementation in EV' / Sandip Univ., Nasik	Online	22 – 27 April 2024
3		National STTP on 'Emerging Trends on control and Automation at Present Scenario' / DIT, Kolkata	Online	9 – 15 May 2024

Dept.: Information Sc. & Engg.

Sl. No.	Staff Name & Designation	Programme/ Organizer	Place	Date(s)
1	Dr. GP Hegde, Professor & HoD Mr. Harsha NH, Asst. Professor	FDP on Angular JS/ SDMIT, Ujire	Ujire	26 Feb – 1 March 2024
2	Mrs. Shobha, Mr. Harsha NH, Mrs. Ashwini B, Asst. Professors Mr. Adithya A, Teaching Asst.	Workshop on Full stack Development / SDMIT, Ujire	Ujire	13 – 17 April 2024
3	Mr. Jagadeesha, Asst. Professor	Workshop on 'Machine Learning Models & Practice' / KVGCE Sullia	Sullia	13 July 2024
4		FDP on 'Advancement in Deep Learning' / DMIE	Online	22 – 26 July 2024

5		FDP on 'Early Detection of Cancer: Bridging Academia and Clinical Practice'/ SJEC, Mangaluru	Mangaluru	10 – 14 Sept 2024
6	Mrs. Ashwini B, Asst. Professor	FDP on 'Data Analytics and Visualization with Power BI and Tableau'/ CMRIT, Bengaluru	Online	9 – 13 Sept 2024

Dept.: Civil Engg.

Sl. No.	Staff Name & Designation	Programme/ Organizer	Place	Date(s)
1	Dr. Vinaya Shyam D and Mr. Subrahmanya R Sharma, Asst. Professors	National workshop on Unleashing Innovations/ HBN, GIAN and NITK	Surathkal	24 Feb 2024
2	Dr. Vinaya Shyam D, Asst. Professor	How to file for patent/ VCET, Puttur	Puttur	26 Feb 2024
3	Mr. Subrahmanya R Sharma, Asst. Professor	Workshop on 'IP & Technology Transfer'/ NITK and AICTE	Surahkal	25 Sept 2024
4	Dr. Raveesha P., Associate Professor & HoD	State level workshop on Vastu Vinyasa / Akshaya College Putturu	Puttur	7 Nov 2024

Dept.: Artificial Intelligence. & Data Sc.

Sl. No.	Staff Name & Designation	Programme/ Organizer	Place	Date(s)
1	All faculty members	Introduction to AI, Deep Learning and NLP/ Infosys Springboard	Online	23 – 25 Jan 2024
2	Mrs. Veena Bhat, HoD, Mr. Padma Prasada and Mrs. Rashmi GS, Asst. Professor	FDP on Angular JS/ SDMIT, Ujire	Ujire	26 Feb – 1 March 2024
3	Mr. Padma Prasada, Asst. Professor	FDP on 'Recent Trends in Machine Intelligence and Quantum Computing for Industry'/ Amity SET, Indore	Online	1 – 5 July 2024

4	Mrs. Veena Bhat, HoD and Dr. Antheesh, Associate Professor	FDP on 'Data Analytics and Visualization with Power BI and Tableau'/ CMRIT, Bengaluru	Online	9 – 13 Sept 2024
5	Mr. Jayaprasad, Teaching Asst.	FEP on 'Generative AI'/ Infosys Springboard	Online	18 – 22 Nov 2024

Dept.: Mech. Engg.

Sl. No.	Staff Name & Designation	Programme/ Organizer	Place	Date(s)
1	Dr. Girish Kumar, Professor & Head	National Seminar on 'Scientific Heritage of India'/ SDM College, Ujire	Ujire	26 Feb 2024
2		VTU Meeting of Principals, Deans and Directors/ VTU	Bengaluru	23 March 2024
3	Dr. Basava T, Associate Professor	Fire-safety Training programme/ Dept. of Fire & Safety	Mangaluru	18-19 Jan 2024
4	Dr. Nityanand B, Asst. Professor	Workshop on 'Educational Entrepreneurship'/ MANU, Hyderabad	Online	22-26 April 2024
5		FDP on Research methodology/ SDM College, Ujire	Ujire	20-24 Aug 2024
6	Dr. Girish Kumar, HoD and Dr. Nityanand B, Asst. professor	'Crafting winning proposals: Workshop on Project proposal writing'/ SDM PG Center, Ujire	Ujire	24 Feb 2024
7	Dr. Premkumar S, Asst. Professor	Skill Coordinators Orientation Programme/ VTU	Bengaluru	4 March 2024
8		Fundraising Through Grants/ K-Tech Inno. Hub, Mangaluru	Mangaluru	20 March 2024

Dept.: Basic Sciences

Sl. No.	Staff Name & Designation	Programme/ Organizer	Place	Date(s)
1	Dr. Sanjay SS, HoD – Chemistry	National Conference on 'Advanced materials for chemical and biological applications'/ SDM PG Centre, Ujire	Ujire	6 – 7 March 2024
2	Dr. Chethan Rao, HoD – Physics	FDP on 'Quantum Computing and Simulations'/ GEH University, Dehradun	Online	20 – 24 May 2024

3	Ms. Sushmitha, Asst. Professor	FDP on 'Research Methodology'/ SDM PG Centre, Ujire	Ujire	20 – 24 Aug 2024
4	Dr. Vidya, HoD and Dr. Shobha PJ, Asst. Professor, Maths	International Conference Drishti – 2024/ VCET, Puttur	Puttur	11 Sept 2024
5	Dr. Sanjay SS, HoD – Chemistry	Workshop on 'IP & Technology Transfer'/ NITK and AICTE	Surahkal	25 Sept 2024

Dept.: Miscellaneous

Sl. No.	Staff Name & Designation	Programme/ Organizer	Place	Date(s)
1	Dr. Rajatha P., Librarian	VTU consortium e-resources Training Program / Canara Engineering College, Mangalore	Mangalore	25 Oct 2024

Research papers published/ Achievement by Faculty Members (Jan-Dec 2024)

Dept.: Computer Sc. & Engg.

Sl. No.	Staff Name & Designation	Title of the paper/ Journal/ Vol. No./ pp. No./Year; Details of Patents, if any; Details of the achievement; Event Details, etc.	Remarks/ Achievement
1	Dr. Thyagaraju GS, Professor and HoD	'The Role of Generative AI in IoT' in the book 'Futuristic Trends in IoT'/ IIP series, Vol. 3/2024	Book Chapter
2		Introduction to Quantum Computing: Quantum Algorithms and Qiskit/ NPTEL/ Oct 24	Certification
3		Introduction to Generative AI/ June 2024	Certification
4		IEEE Int. Conf. on Advances in Information Technology -2024 / AIT- Chikkamagalur/ 25 – 26 July 2024	Session Chair
5		FDP on Quantum Computing / Canara Engineering College, Managluru/22 Aug 2024	Resource Person
6	Dr. Thyagaraju GS, Mr. Pradeep GS and Mr. Pradeep Rao	Design of an AI-Based System to Monitor the Network Traffic by Looking for Suspicious Activity/ Industrial Engineering Journal/Vol. XVII, Issue 02/ 2024	Journal paper
7	Dr. Suchetha NV, Asst. Professor	Awarded PhD degree by VTU, Belagavi/ July 2024	PhD award
8		'Accelerating Authentication Process Using Maps for Efficient Vanets' in the book 'Futuristic Trends in IoT'/ IIP series, Vol. 3, Book 2, Ch. 20/2024	Book Chapter
9		'Detection of Malicious Attack in Internet Using Machine Learning' in the book 'Futuristic Trends in IoT'/ IIP series, Vol. 3, Book 2, Ch. 24/2024	
10		Innovative Systems and Methods for IoT-Enabled Environmental Surveillance and Analysis	Patent published
11		A Deep Learning Network for Low Light Image Enhancement Using Multiple Exposure Fusion	

12		Improving Children Speech Recognition through Feature Learning from Raw Speech Signal	
13	Mr. Arjun K, Asst. Professor	‘Smart Traffic Management System Using IoT’ in the book ‘Futuristic Trends in IoT’/ IIP series, Vol. 3, Book 2 /2024	Book Chapter
14		‘IoT Based Garbage Monitoring System and Notification Application’ in the book ‘Futuristic Trends in IoT’/ IIP series, Vol. 3, Book 2 /2024	
15		Python Data Analysis for School Teaching	Patent published
16		Introduction to Artificial Intelligence / Infosys Springboard /25 Jan 2024	Certification
17		Introduction to Natural Language Processing/ Infosys Springboard / 25 Jan 2024	Certification
18	Mr. Pradeep Rao KB, Asst. Professor	Introduction to Internet of Things / NPTEL Course	Certification
19	Mr. Prasad SR, Asst. Professor	Research Methodology / NPTEL Course	Certification

Dept.: Electronics & Comm. Engg.

Sl. No.	Staff Name & Designation	Title of the paper/ Journal/ Vol. No./ pp. No./Year; Details of Patents, if any; Details of the achievement; Event Details, etc.	Remarks/ Achievement
1	Sushma and Niranjana, Asst. Prof., Dr. Bharathraj and Dr. Mohan Naik, Associ. Prof.	Intrusion Detection System Using Adaptive Learning Factor Based Sandpiper Optimization Algorithm and Bi-Directional Gated Recurrent Unit / International Journal of Intelligent Engineering and Systems, Vol.17, No.6, Nov 2024	Journal paper
2	Dr. Avinash and Dr. Prathapchandra, Associate Professors, Mr. Ramachandra, Asst. Professor	Fault Detection in Printed Circuit Board (PCB) using Image Subtraction Method / Int. Journal of Innovative Techn and Exploring Engg./ Vol.13, Issue 7, pp. 1-7/ May 2024	Journal paper
3		Modeling and Performance Parameters Analysis of Closed-Box Loudspeaker / Journal of Innovative Techn and Exploring Engg./ / Vol.13, Issue 8, pp. 8-14/2024	Journal paper

4	Praveen HL and Ramachandra, Asst. Prof. Dr. Prathapchnadra, Dr. Avinash and Dr. Bharthraj, Associate Professors	Method for Automated Image Recognition using Hybrid Deep Learning Algorithms in Healthcare Applications / Patent Application Number: 202441077501/ 25 Oct 2024	Patent published
5	Dr. Mohan Naik, Associate Professor	Multiobjective, trust-aware, artificial hummingbird algorithm-based secure clustering and routing with mobile sink for wireless sensor networks / ETRI Journal (Scopus)	Journal Paper
6		'System & Method for Building Smart Urban Solutions Using IoT, AI, ML and Cloud-Based Technology/ Patent Application Number: 202411017181/ March 2024	Patent published
7		Design of Bi-Conical horn Antenna for Satellite Applications / Proce. of Int. Conf. on Distributed Computing and Optimization Techniques (ICDCOT), Bengaluru / pp. 1-5	Conf. Proceedings
8	Dr. Mohan Naik, Dr. Avinash, Associate Professors, Ramachandra, Asst. Professor	'Smart irrigation system' in the book 'Futuristic Trends in IoT'/ IIP Series, Vol. 3, Book 2, pp. 317-335 /June 2024	Book Chapter
9	Dr. Mohan Naik, Dr. Avinash, Dr. Bharathraj, Associate Prof., Mahesh DS, Asst. Prof.	'Multi-purpose Surveillance Robot' in the book 'Futuristic Trends in IoT'/ IIP Series, Vol. 3, Book 2, pp. 131-145 /May 2024	Book Chapter
10	Dr. Mohan Naik, Associate Prof., Mahesh DS and Somya TK, Asst. Professors	'Drone with Robotic Arm' in the book 'Futuristic Trends in IoT'/ IIP Series, Vol. 3, Book 2, pp. 131-145 /May 2024	Book Chapter
11	Mr. Amith K. Jain, Asst. Professor	A Hybrid Logarithmic-exponential Tanh Conventional Neural Network P-Transformer System for Improving Language Translation with Low Resource/ German Patent: 202024104347	Patent granted
12		Integration of Discriminative Information from Expressive and Neutral Face Image for Effective Modelling of Facial Expression Classification Problem/ SN Computer Science/ Vol. 5, No. 1157 / Dec 2024	Journal Paper
13	Dr. Prathapchandra, Associate Professor	Personality Development Workshop/ 31 Aug 2024/ SDM Polytechnic, Ujire	Resource person

Dept.: Electrical & Electronics Engg.

Sl. No.	Staff Name & Designation	Title of the paper/ Journal/ Vol. No./ pp. No./Year; Details of Patents, if any; Details of the achievement; Event Details, etc.	Remarks/ Achievement
1	Dr. K. Manjunath, Professor and HoD	Design and Development of Efficient Low-Cost Control Unit for Agriculture Solar Water Pumping System/ Patent application No.: 202441005550 A/ Feb 2024	Patent published
2	Dr. Somshekar DP, Asst. Professor	Recognized as Research Supervisor by VTU in June 2024	Research Guide
3	Dr. Subrahmanya Bhat, Asst. Professor	Importance of documentation in Yakshagana / 26 Oct 2024/ Yakshagana Kala Kendra, Hangarakatte, Udupi	Invited talk
4		‘Sujnani Sahadeva’/ Kannada Novel/ 3 Nov 2024	Book authored
5	Dr. Sathyanarayana P, Associate Professor	‘Krishiyalli hosa belavanige’/ SDMC NSS Camp/ 29 Jan 2024/ Guripalla	Resource person
6		Science-Technology and Engineering – Community service/14 Sept 2024/ Thotathady	Resource person

Dept.: Information Sc. & Engg.

Sl. No.	Staff Name & Designation	Title of the paper/ Journal/ Vol. No./ pp. No./Year; Details of Patents, if any; Details of the achievement; Event Details, etc.	Remarks/ Achievement
1	Dr. GP Hegde, Professor and HoD	Building an Efficient Product Recommender System/ Proceedings of Int. Conf. on Communications and Cyber Physical Engineering (ICCCE 2024), pp 453–459/ Cognitive Science and Technology. Springer (Scopus)	Conf. Proceedings
2		Image Forgery Detection-Survey on Key Areas of Research Approaches and Challenges/ Int. J. of Scientific Research in Engg. and Management / Vol. 8, Issue 6 / June 2024	Journal Paper
3		IoT-Based Paralyzed Patient Healthcare/ Journal of Research Technology & Engineering/ Vol. 5, Issue 4, pp. 1-8	

4		Fire Detection System Using Deep CNN / ISC Comm 2023, CCIS 2231, pp. 318–325	
5	Mr. Jagadeesha, Asst. Professor	‘Research Methodology/ NPTEL Exam/ 4 Oct 2024	Certification
6	Mr. Harsha NH, Asst. Professor	PhD registration at Christ University, Bangalore	PhD registered
7	Mrs. Ashwini B, Asst. Prof.	VTU ETR PhD Entrance test	Qualified

Dept.: Civil Engg.

Sl. No.	Staff Name & Designation	Title of the paper/ Journal/ Vol. No./ pp. No./Year; Details of Patents, if any; Details of the achievement; Event Details, etc.	Remarks/ Achievement
1	Dr. Raveesha P., HoD	CRESCITA 2K24 / 10 Oct 2024/ SDM College, Ujire (Inauguration)	Chief Guest
2	Mr. Subrahmanya R Sharma, Asst. Professor	A Systematic Review on the Applicability of Plant Parts of Colocasia and Alocasia Species as Potential Green Corrosion Inhibitors and Biosorbents/ Moroccan Journal of Chemistry, 12(4), 1870-1892	Journal Paper
3		Hand glider – hands on workshop / 13 Dec 2024/ Govt. High School, Nelyadka	Resource person

Dept.: Artificial Intelligence. & Data Sc.

Sl. No.	Staff Name & Designation	Title of the paper/ Journal/ Vol. No./ pp. No./Year; Details of Patents, if any; Details of the achievement; Event Details, etc.	Remarks/ Achievement
1	Mr. Padma Prasada, Asst. Prof.	Reinforcement of low-resource language translation with neural machine translation and back-translation synergies/ Int. J. of AI/ Vol 13, pp. 3478-88 (Scopus)	Journal Paper
2		Cognitively managing water utilization based on User Context / Indian Patent: 520305, March 2024	Patent granted

3		A Deep Learning Hybrid Model for Improving Machine Translation of Low-resources Language/ App. No.: 202441032018, May 2024	Patent published
4		American Journal of Artificial Intelligence (AJAI)/ 20 Aug 2024 – 20 Aug 2027	Reviewer
5		4 th Int. Conference on Data Science and Big Data Analytics (IDBA-2024)/ 12-13 July 2024/ SUAS, Indore	Member of Advisory Com.
6		‘Unveiling the Role of Statistics in Natural Language Processing (NLP)’ / 28 Sept, 2024/ SDM College, Ujire	Invited talk
7		Building Smart Solution with IoT / 23 Nov 2024/ AJ IET, Mangalore	Invited talk
8	Mr. Padma Prasada, Asst. Prof. and Dr. Antheesh R, Associate Professor	A Hybrid Logarithmic-exponential Tanh Conventional Neural Network P-Transformer System for Improving Language Translation with Low Resource/ German Patent: 202024104347	Patent granted
9		Google Cybersecurity / Jan-July 2024	Certification
10	Mrs. Veena Bhat, HoD	Science-Technology and Engineering – Community service/14 Sept 2024/ Thotathady	Resource person
11		Hand glider – hands on workshop / 13 Dec 2024/ Govt. High School, Nelyadka	Resource person
12	Mr. Amith KS, Asst. Professor	AI & Cognitive Science: Bridging Minds and Machines/ YCCLN/ Oct 2024	Certification
13		Lean Six Sigma AI (Yellow Belt)/ Sparen & Gewinn / Sept 2024	
14	Mrs. Rashmi GS, Teaching Asst.	Data Structure and Algorithms Using Java/ VTU Online/ June-July 2024	Certification
15		Distributed Systems / VTU Online/ June-July 2024	

Dept.: Mech. Engg.

Sl. No.	Staff Name & Designation	Title of the paper/ Journal/ Vol. No./ pp. No./Year; Details of Patents, if any; Details of the achievement; Event Details, etc.	Remarks/ Achievement
1	Dr. Girish Kumar, HoD	SDMIT NSS special camp/ 29 Feb 2024/ Pajiradka	Presidential speech
2		Science-Technology and Engineering – Community service/14 Sept 2024/ Thotathady	Resource person
3	Dr. Basava T., Associate Professor	International Conference on Convergence in Technology/ 5-7 April 2024/ IEE Bombay section, Pune	Session Chair
4		Dev. and exp. Charact. study of cesium doped zinc oxide polymer conductive films for sensing application/ Journal of Physics: Conference Series. Vol. 2748 (May 2024)	Journal paper
5		Entrepreneurship awareness programmes/ SDMIT, Ujire (9 Jan, 25 and 28 Sept 2024)	Resource person
6	Mr. Mahesh B Patil, Asst. Professor	SDMIT NSS Special Camp – 2024/ 23 Feb – 1 March 2024/ Pajiradka	Coordinator
7	Dr. Girish Kumar, HoD Dr. Basava T, Associate Prof. Mr. Mahesh Patil, Asst. Prof.	Summer Camp 2024 sessions/ 15-20 April 2024/ SDMIT, Ujire	Resource persons
8	Dr. Nityanand B, Asst. Professor	JOIREM Journal Editorial Board	Member
9		Mechanical properties of Heat-treated CGI of Varying Microstructures for Automotive Applications/ 25 Sept 2024/ Journal paper review	Certificate of Excellence
10	Dr. Premkumar S Asst. Professor	English Writing/ Mindluster platform	Certification
11		Chat GPT for Beginners/ Great Learning Academy	Certification
12		Solar Energy applications/ SDMIT NSS Special camp/ 29 Feb 2024/ Pajiradka	Resource person

Dept.: Basic Sciences

Sl. No.	Staff Name & Designation	Title of the paper/ Journal/ Vol. No./ pp. No./Year; Details of Patents, if any; Details of the achievement; Event Details, etc.	Remarks/ Achievement
1	Dr. Swathi Phadke N., Assistant Professor- Chemistry	Applicability of some new pyrimidine derivatives for the corrosion inhibition of mild steel in the acidic environment / South African J. of Ch. Engg., 48/80-94/2024. (Scopus)	Journal paper
2		Pyrimidine derivatives as efficient anticorrosive agents for acid corrosion of mild steel: Electrochemical & computational validation/ Arabian J. of Chem./ 105752/ 1-15/ 2024. (Scopus)	
3	Dr. Sanjay SS., Assistant Professor-Chemistry	A collective review of the synthetic approaches disclosed in prior patents to synthesize the renowned drug, Lamotrigine/ Mediterranean J. of Ph. And Ph. Sc., 4/ 52-74/ 2024.	Journal paper
4		An overview of prior art disclosures about the synthesis of lamotrigine and a glimpse of its closely related compounds/ Indian Journal of Ph. And Drug Studies/ 3/ 1-8/ 2024.	
5		A comprehensive review of disclosures in academic journals regarding the synthesis of Rasagiline and its closely related compounds along with major biological activity advancements/ Indian Journal of Pharmacy & Drug Studies/ 3/ 1-9/ 2024.	
6		Synthesis and characterization of some novel sulfonate and carbonate prodrugs of Atovaquone, accomplished with better solubility profile/ Mapana Journal of Sciences/ 23 61-79/ 2024.	
7		Isolation, characterization, and synthesis of some process-origin impurities of Atovaquone, a renowned anti-malarial drug/ Mapana Journal of Sciences/ 3/ 103-123/ 2024.	
8		A Systematic Review on the Applicability of Plant Parts of Colocasia and Alocasia Species as Potential Green Corrosion Inhibitors and Biosorbents/ Moroccan Journal of Chemistry 12/1870-1892/ 2024. (Scopus)	
9		An investigative preparation of unfired bricks from clay and fine sand in the presence of sodium hydroxide as an activator through geo-polymerization/ Indonesian Journal of Innovation and Applied Sciences/ 4/ 225-238/ 2024.	

10		Academic importance of Scientific Communications/ 29 Nov 2024/ St. Philomena College (Autonomous), Puttur	Invited talk
11		Completed reviews on 5 manuscripts for Indian Journal of Pharmacy & Drugs Studies	Reviewer
12	Nandish NS, Asst. Professor- Maths	An estimation of cordial label-base topological indices via QSPR analysis for heart attack medication treatment/ African J of Biological Studies/ Vo. 6, Issue 4/ 2024	Journal Paper
13		QSPR Analysis on Bone Marrow Cancer Medications Via Topological Indices and Regression Model/ African J. of Biomedical Research, Vo. 27, pp. 296-308/ Sept 2024	
14	Shobha PJ, Asst. Prof.- Maths	Awarded with Ph.D from VTU, Belagavi	PhD
15	Dr. Vidya K, HoD - Maths	'A Two-Phase Blood Flow over a Catheterized Artery and the Impact of a Magnetic Field' and 'Effect of Heat and Mass Transfer on Unsteady Couple Stress Fluid Flow Model in a Permeable Vessel' / Int. Conf. 'Drishti-2024/ 11 Sept 2024/ VCET, Puttur	Papers presented

Dept.: Miscellaneous

Sl. No.	Staff Name & Designation	Title of the paper/ Journal/ Vol. No./ pp. No./Year; Details of Patents, if any; Details of the achievement; Event Details, etc.	Remarks/ Achievement
1	Dr. Rajatha, Librarian	National Level Multidisciplinary Conference on 'Millets and Mental Health'/ 9 Sept 2024/ SDM College, Ujire	Session Chair
2		Dopamine & Mental Health: The Emerging Role of Millets in Neurotransmitter Support/ National Conference on 'Millets and Mental Health'/ 9 Sept 2024/ SDM College, Ujire	Paper presentation
3		'CRESCITA 2K24' /10 Oct 2024/ SDM College, Ujire (Valedictory)	Chief guest
4		Two- Day workshop on 'Navigating the Research Journey: From Methodology to Publication for PG Students'/ 23 Nov 2024 / SDM College, Ujire	Resource person
5	Mr. Navaneeth Nayak, System analyst	Hand glider – hands on workshop / 13 Dec 2024/ Govt. High School, Nelyadka	Resource person

Prizes won/ Ranks/ Research papers published/ Achievement by the Students (Jan-Dec 2024)**Dept./ Committee: Computer Sc. & Engg.**

Sl. No.	Student Name(s)	Sem	Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Srujan J	7	Fusion Techathon 3.0/ 8-9 Nov 2024 / AIET, Moodabidre	First Place
2	Vishal Raju Angadi, Sanidhya Jain, Pragathi, and Aparna BB	5		Second Place
3	Srujan J and Vishrutha VB	7	Innovate A-thon/ 28-29 Sept 2024/ Dlithe and SDMIT, Ujire	Second Place
4	Soujanya	4	C Coding competition/ 4 July 2024/ SDMIT, Ujire	Second Place
5	Vihar AC	2		Third Place
6	Teja Bhat, Satvik H and Srujan J	7	'AI – Boon or Bane?' debate/ SDMIT, Ujire	First Place
7	Vaishnavi V and Sharadhi S Rao	3		Second Place
8	Kavya	6	Data base management system and Programming in Java / NPTEL	Certification
9	Nisarga Gowda	6	Data Analytics with Python / NPTEL	

Dept./ Committee: Electronics & Comm. Engg.

Sl. No.	Student Name(s)	Sem	Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Megharsh L	7	Fusion Techathon 3.0/ 8-9 Nov 2024 / AIET, Moodabidre	First place
2			VLSI hackathon/ 9 Dec 2024/ NIE, Mysuru	First place
3	Bindu R Nayak	7	Advanced Training Program on Semiconductor fabrication & Characterization/ 4-13 Nov 2024/ MoTA, GoI and IISc	Participation
4	Harsha JV, Harshavardhan G, Bhoomika Naik and Keerti Shet	--	'Circuit -A-Thon'/ 23-24 Nov 2024/ DSCE, Bengaluru	Participation

Dept./ Committee: Information Sc. & Engg.

Sl. No.	Student Name(s)	Sem	Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Bhuvan Shyam M	6	Cloud computing / NPTEL exam (83% score)	Certification with Top 5 percentile
2	Vikas Bhat D	5	C Coding competition/ 4 July 2024/ SDMIT, Ujire	First Place
3	Abhishek NA, Bhuvan Shyam and Guruprasad Bhat	7	Innovate A-thon/ 28-29 Sept 2024/ Dlithe and SDMIT, Ujire	Third Place
4	Vikas Bhat D and Raashi M	5	Mini-Anveshana/ 18 Oct 2024/ Agasthya Foundation and SDMIT, Ujire	One among Top12
5	Amith Ullas Pai	5	Poem writing and reading contest/ SDMIT, Ujire	First Place
6	B. R. Medhini	3	Cloud Computing/ Nov 2024/ 12-week NPTEL course	Certification

Dept./ Committee: Civil Engg.

Sl. No.	Student Name(s)	Sem	Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Pratheeksha B	8	9 th Rank in VTU Examination	University Rank
2	HP Shetty, R Shetty, Srinivasa SG and Vishwanath SA	8	An Investigative Preparation of Unfired Bricks from Clay and Fine Sand in the Presence of Sodium Hydroxide as an Activator through Geopolymerization/ Indonesian J of Inno. And Applied Sci./ 4(3), 225-238.	Journal Paper

Dept./ Committee: Artificial Intelligence. & Data Sc.

Sl. No.	Student Name(s)	Sem	Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Prajwal M and Chandan R	7	Fusion Techathon 3.0/ 8-9 Nov 2024 / AIET, Moodabidre	First Place
2	Samartha, Kruthik and Shreyas V	7	Phoneix Hacks software hackathon/ 16 – 17 Nov 2024/ RVITM	Third Place
3	All students	5	Software development and testing / Infosys Springboard	Certification
4	All students	3	Data structure / Infosys Springboard	Certification
5	Chandan R	6	Q Karyashala 2024/ 24-25 June 2024/ Quantum Res. Park, IISc, Bengaluru	Participation

7	5 students	--	SRISHTI-2024/ 24-26 May 2024/ Atria Institute of Technology, Bengaluru	Participation
8	5 students	--	Artificial Intelligence in Media/ 23 Nov 2024/ SDM College, Ujire	Participation

Dept./ Committee: Mech. Engg.

Sl. No.	Student Name(s)	Sem	Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Mr.Anosh T, Mr. Darshan Achari, Mr. Gilbert Matther, Mr. Suhas S and Mr. Anish Kumar	8	Modular Bio-filter (Project)/ Project exhibition/ 22 May 2024/ SDMIT, Ujire	Second Prize

Dept./ Committee: Cultural

Sl. No.	Student Name(s)	Sem	Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Prathish	5/CV	Painting event in Yukti-2K24 / 11-12 Jan 2024/ VTU RC Mysuru	First Place
2	Ghanashyama and Darshan	8/CSE	Automata event in Insignia 2024/ 19-20 April 2024/ SDMCET, Dharawad	First Place
3	Ghanashyama and Shrutha	8/CSE	Code Cranium in Insignia 2024/ 19-20 April 2024/ SDMCET, Dharawad	First Place
4	Aditya Kadam, Ganashyama and Sahana JK	8/CSE 8/ECE	Treasure Hunt in Insignia 2024/ 19-20 April 2024/ SDMCET, Dharawad	Second Place
5	Bhoomika Avabhratha	8/CSE	Classical solo vocal in Insignia 2024/19-20 April 2024/ SDMCET, Dharawad	Second Place
6	College team	--	First prize in tableau show during the Republic Day celebration on 26th January 2014 held at Rathnavarma Heggade stadium	

Dept./ Committee: Sports

Sl. No.	Student Name(s)	Sem	Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	College team	--	VTU rest of Bengaluru Netball tournament/ 11 Nov 2024/ Ujire	First Place
2	College team	--	VTU State level Netball tournament/ 12 Nov 2024/ Ujire	First Place

3	College team	--	VTU rest of Bengaluru Netball tournament/ Feb 2024/ Tumkur	Second Place
4	College team	--	VTU State level Netball tournament/ Feb 2024/ Tumkur	Fourth Place
5	College team	--	VTU Mangalore division Throwball tournament/ Mangaluru	Third Place
6	Suhas and Srivatsa	7	All India Inter University Netball Tournament / Feb 2024/ Tumkur	Represented University
7	Abhishek KV	7	VTU State level Net Ball Tournament/ 11-12 Nov 2024/ SDMIT, Ujire	Best Shooter
8	Abhaychandra Hegde	5		Best Defender
9	Srivatsa MU	7	VTU Rest of Bengaluru level Net Ball Tournament/ 11-12 Nov 2024/ SDMIT, Ujire	Best All-rounder
10	Suhas MS	7		Best shooter
11	Kannika	8	VTU Mangalore division Throw Ball tournament/ Feb 2024	Best receiver

Webinars/ Conferences/ Seminars/ Workshops/ Training Programmes organized (Jan-Dec 2024)

Dept./ Committee: Computer Sc. & Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Job opportunities using LinkedIn (Webinar)	Ms. Vandana G Gouda (Alumnus)	Students	24 Feb 2024
2	Career Opportunities in IT (Webinar)	Mr. Harish Gowda (Alumnus)	Students	30 July 2024
3	Introduction to Quantum Computing (Webinar)	Mr. Prajwal Shetty (Alumnus)	Faculty, Students	10 Aug 2024
4	NLP and Generative AI: Shaping the Future of Communication (Webinar)	Mr. Srinivas S (Alumnus)	Students	19 Oct 2024
5	Disaster Awareness (IEEE talk)	Mr. Swaraj HV, IEEE state Coordinator	Students	8 Nov 2024
6	Resume Building and Career Guidance (Webinar)	Mr. Nachiketh C Bodhayana (Alumnus)	Students	23 Nov 2024
7	NITK Lecture series (Talk)	Dr. Alwin Roshan Pais & Dr. Purushottama	Students	29 Nov 2024
8	Power of Python (Hands-on workshop)	Internal (Faculty)	Students (III Seem)	23-28 Jan 2024
9	Data Analytics using Excel (Workshop)	Internal (Faculty)	Students (IV Seem)	24-28 June 2024
10	Full Stack Development using React JS (Workshop)	Ms. Sowmya, and Mr. Mohammed Jazeel Code Lab Systems, Mangalore	Students (V Sem)	21-23 Oct 2024
11	Java Programming (Workshop)	Internal (Faculty)	Students (III Seem)	5-8 Nov 2024
12	R Programming (Workshop)	Internal (Faculty)	Students (V Seem)	5-8 Nov 2024
13	Algorithms: Design, Complexity, & Appl- Exploring Employability Skills (Workshop)	Dr. Prasanna Kumar, Professor, PESITM, Shivamogga	Students (VII Seem)	14-15 Nov 2024
14	Java (Poster presentation)	--	Students (III Sem)	19 Sept 2024

Dept./ Committee: Electronics & Comm. Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Cyber Security and Cyber Crime (Awareness talk)	Mr. Brajendra Kumar, TRAI, Bengaluru Mr. Manjunatha, Police Dept.	Students	20 Feb 2024
2	Job opportunities in VLSI domain (Guest Talk)	Mr. Karthik B, Microchip Tech. and Mr. Chyavan Phadke, Intel (Alumni)	Students	19 Sept 2024
3	Overview of Physical Design & Verification (Guest Talk)	Mr. Anand Yaligar and Mr. Praveen Gore, Teloquence; Mr. Dileep Kudva, Renesas	Students (VII Sem)	20 Sept 2024
4	Embedded Hardware Engineering Roadmap (Guest Talk)	Ms. Ashwini Kamath, Thales India (Alumnus)	Students (VII Sem)	9 Oct 2024
5	Job Opportunities in Electronics & Communication (Awareness Talk/ Interaction)	Group 7 alumni students working at industries like Bosch, Cadence, iwave, etc.	Students (V/VII Sem)	26 Oct 2024
6	Progressive career path (Guest Talk)	Mr. Raja Krishnamoorthy, IBM	Students (Ckt br.)	9 Nov 2024
7	Paper Publication using LaTeX' (Talk)	Internal (Faculty)	Students (III Sem)	23 Nov 2024
8	MTLC UTLP (Training)	Internal (Faculty)	Students	7 June 2024
9	Embedded system design using MSP and TIVA boards (2-week Training)	Internal (Faculty)	Students (IV Sem)	10 June - 12 July 2024
10	VLSI Analog Design using Cadence (FDP)	Internal (Faculty)	Faculty	12 June 2024

Dept./ Committee: Electrical & Electronics Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Job opportunities in Electrical (Talk)	Ms. Arpitha (Alumnus)	Students	1 July 2024
2	Importance of Quality Projects (Talk)	Mr. Sabarinath (Alumnus)	Students	16 Aug 2024

3	Operation and Maintenance of Hydro Electric Power Plant (Guest Talk)	Mr. Ganesh Shetty and Mr. Karuna Sagar, Bhoruka Power, Nidle	Students	21 Nov 2024
4	Solar Power System Operation and Maintenance (Skill Training)	Internal (Faculty)	Students (V Sem)	31 Jan – 23 Feb 2024
5	Renewable Energy Resources (Project exhibition)	--	Students (I Sem)	10 Jan 2024
6	Mini-Project exhibition	--	Students	10 Aug 2024
7	Operation of Solar Power Plant (Community service)	Internal (Faculty)	Polytechnic students	5 Aug 2024

Dept./ Committee: Information Sc. & Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Recent Technology and Tools in IT (Webinar)	Madhura Patgar, Sharp Software (Alumnus)	Students	28 Sept 2024
2	Entr. Awareness programme (Workshop)	Internal (Faculty)	Students	9 Jan 2024
3	Arduino Microcontroller-based Interfacing for IoT Applications (Hands-on training)	Internal (Faculty)	Students	17-19 April 2024
4	Implementation of Software Testing using Open Selenium Tool (Workshop)	Mr. Jayanth and Mr. Chowdesh, Websort, Bengaluru	Students	22 June 2024
5	Advanced C (Crash course)	Internal (Faculty)	Students	23 Sept – 11 Oct 2024
6	Entr. Awareness programme (Workshop)	Internal (Faculty)	Students	28 Sept 2024
7	Introduction to Computer Networks through Cisco Packet Tracer (Workshop)	Dr. Rajashekarappa and Mr. Pashupatimath, SDCET, Dharwad	Students	9 Nov 2024
8	Mock Interview practice (Training)	A. Hiremath & Kallesh, AN Global Tech.	Students	6 Dec 2024
9	Full stack Development using Django (FDP)	Prof. Govind Negalur, SDMCET, Dharwad	Faculty	13-17 May 2024

10	Java Mock test and Coding (Competition)	Internal (Faculty)	Students	23 Jan and 3 Feb 2024
11	Aptitude Quiz (Competition)	Internal (Faculty)	Students	9 Oct 2024

Dept./ Committee: Civil Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Orientation on Civil Engg. (Guest talk)	Mr. Mohan Kumar,	Students (III Sem)	25 Sept 2024
2	Technoweeek 2024 (Guest talk series)	Dr. Chennagiri Gowda and Er. Sandeep Rao, ACCEI, Mangaluru	Students	1 Oct 2024
3	Building Planning, Design and Construction (Skill development course)	Internal (Faculty)	Students (VIII Sem)	17 Apr – 5 May 2024
4	Construction site visit	Internal (Faculty)	Students	16 March 2024
5	RMC plant visit	Sanidhya RMC Plant, Padangadi	Students	19 July 2024
6	Industrial tour	Internal (Faculty)	Students	23 – 25 Oct 2024

Dept./ Committee: Artificial Intelligence. & Data Sc.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	ACE the Interview (Guest Talk)	Mr. Vivek Shetty, Business Dev. Consultant	Students	30 May 2024
2	Higher Education and Employment Opportunities in Cybersecurity (Guest Talk)	Mr. Praveeth D'Souza, Security Analyst, Google, Ireland	Students	4 March 2024
3	Chase the Excellence (Guest Talk)	Mr. Raja Krishnamoorthy, IBM	Students	9 Nov 2024
4	Empower Skills with MOOC (Training)	Internal (Faculty)	Students (III Sem)	30 Sept 2024

5	Entrepreneurship Awareness (Workshop)	Internal (Faculty)	Students (VII Sem)	25 Sept 2024
6	Tableau & Power BI (Workshop)	Internal (Students)	Students (V Sem)	26 Sept 2024
7	Full Stack Development using React JS (Workshop/ Training)	Mr. SJ Basha, Manoj Kumar and Karishma Kiranmayi Devi, Study Comrade	Students (V Sem)	7-10 Oct 2024
8	Angular JS (FDP)	Mr. Adarsh Karanth, Full stack Developer	Faculty	26 Feb – 1 March 2024
9	Web UI development (Competition)	Mr. Adarsh Karanth, Full stack Developer	Students (V Sem)	9 – 12 Feb 2024
10	Aikyatha (Cultural)	--	Students	3 Oct 2024

Dept./ Committee: Cultural

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Annual Day 2023-24	Mr. H. L. Shrinivas, ISRO, Bengaluru	Students and Staff	9 May 2024
2	Kannada News report writing (Workshop)	Mr. Shrinivas Tantri, Senior Journalist	Faculty	11 Aug 2024
3	SDM intercollegiate 'Goodu Deepa Competition'	--	SDM institutions	29 Oct 2024
4	Flash Mob dance event	--	Students	6 Nov 2024
5	Prathibhanveshana 2024 (Competition)	--	Students (I Sem)	9 Nov 2024
6	Dharmasthala Kshethrada Samajamukhi Karyagalu (Essay Competition)	--	Students	21 Nov 2024
7	Spoorthiya Sele Dr. Veerendra Heggade (Kannada Poetry Competition)	--	Students	25 Nov 2024
8	Cultural, fine arts and literary competitions	--	Students	18 Nov – 16 Dec 2024
9	Annual Day 2024-25	--	Students	17 Dec 2024

Dept./ Committee: Sports

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	VTU State Level and Mangalore Division Volleyball tournament	Mr. Arun Shetty, Vollebl Coach, Udupi Mr. Santhosh Kumar, Weightlifting Coach	VTU colleges	22-24 Feb 2024
2	Sponsoring Sports kits	Ms. Chinmayi, National Kabaddi player (Alumnus)	Students	13 July 2024
3	Kesarugadde Kreedha Koota	--	Students	8 Aug 2024
4	VTU State level and Rest of Bengaluru Division Netball Tournament	Mr. Premnath Shetty, President, PELA, DK Mr. Manjunath Marati, National Level Weightlifter	VTU colleges	11-13 Nov 2024

Dept./ Committee: NSS and RedCross

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Yuva Saptah (NSS)	Smt. Vatsala, Trainer, Heartfulness Meditation Center, Dharmasthala	Students	17 Jan 2024
2	NSS Special Camp	Various	Students (NSS)	24 Feb- 1 March 2024
3	Mera Pehla Vote Desh Ke Liye (NSS)	--	Students	5 March 2024
4	Life skill training (NSS)	Mr. Allabhakshi, Nimhans, Bengaluru	Students	22 March 2024
5	Blood donation camp (RedCross)	Dr. Ashwith, SDM hospital	Students	22 March 2024
6	Street play on Matadaana Namma Hakku (NSS)	SDM Kala Kendra, Ujire	Students	23 March 2024

7	Blood donation camp (NSS/ RedCross)	--	Students	4 June 2024
8	World Environment Day (NSS)	--	--	5 June 2024
9	Blood cancer / Blood stem cell transplantation awareness program (NSS)	Mr. Rohan, DKMK, Bengaluru	Students	19 June 2024
10	Swachh hi Seva Abhiyana (NSS)	--	Students	1 Oct 2024
11	Tobacco free youth campaign 2.0 (NSS)	--	Students	15 Oct 2024
12	First Aid Skills (RedCRoss)	Dr. Usha G. Shetty, SDM Hospital	Students	19 Nov 2024

Dept./ Committee: Miscellaneous and Institute level programmes

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Road Safety (Awareness session)	Mr. Dharmappa MN, ASP, Mangalore and Mr. Arjun HK, PSI, Belthangady	Students	18-19 Jan 2024
2	Faculty orientation Programme on PBSA	Prof. S.N. Kakathakar, Vice Principal, SDMC, Ujire	Faculty	20 Jan 2024
3	Orientation cum Training on Smart Board Utility	Ms. Sumitha, Sr. Trainer, Sensus Electronics Pvt. Ltd., Bengaluru	Faculty	20 Jan 2024
4	National Voters Day (Online awareness session)	VTU officials	Students	25 Jan 2024
5	Design Thinking Bootcamp (Workshop)	Mr. Absar Patel, Program Manager, VIRF	Students	23 Feb 2024
6	Summer Camp – 2024	Internal (Faculty)	High School students	15-20 April 2024
7	Annual project exhibition	Mr. Adarsh Karanth, Full Stack Developer	Students	22 May 2024
8	Cyber crime and Safety	Manjunatha RG, DYSP, Mangaluru	Students	20 July 2024
9	Innovate-A-Thon (Hackathon) Agri-tech and Rural Development	Mr. Katamaih, Infosys and Mr. Arun Raj Purohith, Dlithe	Students	27-28 Sept 2024

10	Mini Anveshana	Bhaskar, Agasta Foundation / Prof. Shivaram, MITE	Students	18 Oct 2024
11	Stress management	Haridas Nair, QHSE Professional	Students	20 Aug 2024
12	Managing difficult students		Faculty	20 Aug 2024
13	C-Coding (Competition)	--	Students	4 July 2024
14	IT Technical Training consultation (1 month)	Dlithe	Students	July 2024
15	Workshop for SDM School libraries	Internal	SDM Schools	14 June 2024
16	Follow-up workshop for SDM School libraries	Internal	SDM Schools	21 Aug 2024
17	Sc.-Tech.& Engg. (Extension activity)	Internal	Govt. High School, Thotathady	14 Sept 2024
18	10-Day Induction program	Internal (Faculty) and External (BACCE)	Students (I Sem)	23 Sept- 4 Oct 2024
19	Engineering opportunities	Internal (Faculty)	SDMRPU students	1 Oct 2024
20	Internship awareness	DLithe	Students (VII Sem)	24 Oct 2024
21	Placement refresher training	DLithe	Students	6-9 Nov 2024
22	Visit to IISc	Dr. Omkar, IISc	Students	20 Nov 2024
23	Hand glider plane – hands on (Extension activity)	Internal (Faculty)	Govt. High School, Nelyadka	13 Dec 2024

R&D initiative/ Project proposals submitted to funding agencies/ Status of running projects (Jan-Dec 2024)

Sl. No.	Title of the project proposal	Investigators / Co-investigators	Dept.	Funding Agency	Budgeted amount/ grant amount	Date of approval / date of submission	Status
1	Computer Vision-Based Early Detection of Diseases in Black Pepper Leaves and Berries Using Deep Learning Techniques	Dr. Thyagaraju Mr. Prasad SR	CSE	VGST	20,00,000.00	21 June 2024	Submitted
2	Waste Management and Segregation using Smart Bins	Dr. Suchetha NV Mrs. Sahana Kumari	CSE	VGST	3,51,749.00	21 June 2024	Submitted
3	Forged Image Detection and Accuracy Evaluation	Pradeep GS and Pradeep Rao KB	CSE	VGST	3,00,000.00	21 June 2024	Submitted
4	Advanced Transport Management System (aTraMS) using OnBoard Diagnostics	Dr. Prathapchandra and Dr. Avinash S	ECE	VGST	10,00,000.00	June 2024	Submitted
5	A Novel Outcome based Education Methodology for Framing Program Curriculum	Dr. Madhusudhana, Dr. Sandeep and Mr. Amith Jain	ECE	DST	7,00,000.00	June 2024	Submitted
6	Micro-grid Photovoltaic Power System for Rural and Domestic Electrification	Dr. Subrahmanya Dr. Sathyanarayana	EEE	VGST	20,00,000.00	July 2024	Submitted
7	A study of characterization of stabilization mud blocks incorporated with area sheath fibre	Dr. Vinaya Shyam D Mr. Subrahmanya R Sharma	CV	VGST	14,55,000.00	June 2024	Submitted
8	Assessing Shoreline Dynamics and Coastal Vulnerability between Baindur and Kundapura on West Coast of India	Dr Krishnaprasad Mr. Vinay MR	CV	VGST	18,00,000.00	June 2024	Submitted

9	Empowering vision: A smart Assistance for visually impaired	Mrs. Veena Bhat, Dr. Anteesh R and Mr. Padma Prasada	ADE	VGST	5,00,000.00	21 June 2024	Submitted
10	A smart Assistance Glass for visually impaired	Dr. Anteesh R and Mr. Padma Prasada	ADE	DST	3,00,000.00	14 June 2024	Submitted
11	Study of amino derivatives of 1,4-naphthoquinone for corrosion inhibition behavior	Dr. Sanjay SS Dr. Girish Kumar	Chem ME	VGST	20,00,000.00	28 June 2024	Submitted
12	Award for Outstanding Research Publication (AORP): VRN/003208/23-24	Dr. Swathi Phadke	Chem	VGST	25,000.00	20 June 2024	Submitted
13	Award for Outstanding Research Publication (AORP): VRN/008178/23-24	Dr. Sanjay SS	Chem	VGST	25,000.00	24 June 2024	Submitted

Days celebrated

<ol style="list-style-type: none"> 1) World environment day – 5 June 2024 2) International Yoga Day – 21 June 2024 3) National librarians day – 12 Aug 2024 4) Sadbhavana Diwas - 20 Aug 2024 5) National Space Day – 23 Aug 2024 6) National Sports Day – 29 Aug 2024 7) The Teachers Day – 5 Sept 2024 8) Engineers Day – 15 Sept 2024 	<ol style="list-style-type: none"> 9) The International Day of Democracy – 15 Sept. 2024 10) Sharada Pooja and Ayudha Pooja – 9 Oct 2024 11) Gandhi Jayanthi and Lal Bahudur Shastri Jayanthi – 2 Oct 2024 12) Mahrshi Valmiki Jayanthi – 17 Oct 2024 13) National Unity Day – 31 October 2024 14) Karnataka Rajyotsava – 1 Nov 2024 15) Constitution day – 26 Nov 2024
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