

Conferences/ Seminars/ Workshops attended by Faculty Members (Jan - Dec 2022)

Dept.: Comp. Sc. and Engg.

Sl. No.	Staff Name and Designation	Programme	Place	Date
1	Dr. Raghavendra Patil G E and Pradeep G S, Asst. Professors	High End Workshop on AI/ML for Cyber Security	National Institute of Technology Karnataka, Surathkal	14 th -20 th March 2022
2	Rakshith M D, Asst. Professor	Workshop on RPA for Academic Leaders	GIT, Belagavi in association with UiPath Academic Alliance (online)	26 th & 27 th April 2022
3	Dr. Thyagaraju G S, Professor	Teachers Training Programme on An Overview of Teaching Techniques in Data Science and Analytics	VTU Human Resource Development Centre (VTU-HRDC), Muddenahalli (online)	25 th – 29 th April 2022
4	Prasad S R, Asst. Professor	Faculty Development Program 'UTKARSH'	SMVITM, Bantakal, Udupi	6 th – 8 th October 2022
5	Supritha, Asst. Professor	Faculty Enablement Program on Python programming	Infosys Springboard (online)	17 th – 21 st October 2022

Dept.: Electronics & Communications Engg.

Sl. No.	Staff Name and Designation	Programme	Place	Date
1	Amith K Jain, Asst. Professor	'Utkarsh' FDP	SMVITM, Udupi	28 th Sept 2022 6 th – 8 th Oct 2022
2		Signal Processing for Biomedical Applications	NMAMIT, Nitte	14 th -18 th Nov 2022

Dept.: Electrical & Electronics Engg.

Sl. No.	Staff Name and Designation	Programme	Place	Date
1	Somashekar D.P and Santosh Kumar P N, Asst. Professors	FDP on 'AI Applications to Power Systems'	SIT, Tumakuru (Online)	17 th to 22 nd January 2022

2	Veena Bhat, Asst. Professor	Teacher training program on 'An Overview of Teaching Techniques in Social Connect and Responsibilities'	VTU HRD centre, Muddenahalli	7 th to 11 th March 2022
3	Somashekar D.P, Asst. Professor	National Conference on Power System Engineering	SDMCET, Dharwad	1 st to 2 nd July 2022

Dept.: Information Sc. & Engg.

Sl. No.	Staff Name and Designation	Programme	Place	Date
1	Dr. Dharmanna, Associ. Professor and Shwetha SV, Asst. Professor	FDP on Robot Operating System (ROS)	GSSS IET for Women (Online)	10 th – 14 th Jan 2022
2	Dr. Dharmanna, Associ. Professor and Shwetha SV, Asst. Professor	STTP on Art of Algorithm Writing and Computer Programming	NIT, Warangal (Online)	24 th – 28 th Jan 2022
3	Shobha, Shwetha SV, Usha GR, Naveen Pagad, Basavaraj Patil and Deekshith, Asst. Professors	FEP on Agile Development using Python	SDMIT, Ujire	17 th – 18 th March 2022
4	Basavaraj Patil, Asst. Professor	Workshop on RPA for Academic Leaders	GIT, Belagavi	26 th -27 th April 2022
5	Dr. Dharmanna, Associ. Professor	3 rd International Conference on Recent Innovative Trends in Computer Science and Applications	Ramaiah Inst. of Tech., Bengaluru	6 th – 7 th May 2022
6	Shobha, Asst. Professor	Workshop on Designing and Modelling of IoT, AI and ML Systems	AICTE, ATAL Academy	1 st -5 th Aug 2022
7	Dr. Dharmanna, Associ. Professor	45 th series KSCST Project Exhibition	VTU, Belagavi	12 th -13 th August 2022
8	Dr. Dharmanna, Associ. Prof. and Shwetha SV, Asst. Professor	FDP on Recent Trends in Artificial Intelligence and Machine Learning	SIST, Andhra Pradesh	26 th -30 th Sept. 2022

Dept.: Mech. Engg.

Sl. No.	Staff Name and Designation	Programme	Place	Date
1	Dr. Basava T., Associ. Professor	Workshop on 'Be an Entrepreneur Become an Employer'	DIC, GoK	12 th May 2022
2	Sridhara T., Asst. Professor	FDP on 'Current Trends in Manufacturing'	SJMIT, Chitradurga	17 th June 2022
3	Dr. Girish Kumar, Professor	'Utkarsh' FDP	SMVITM, Udupi	28 th Sept 2022 6 th – 8 th Oct 2022
4	Dr. Girish Kumar, Professor Mahesh B. Patil, Sridhara T., Dr. Nityanand B., Sukesh N., Padmaraj A., Asst. Professors Mrithyunjay H., Foreman Ravindra A., Nithin K, Instructors	'Fusion 360' FDP	SDMIT, Ujire	18 th -19 th Nov 2022

Dept.: Civil Engg.

Sl. No.	Staff Name and Designation	Programme	Place	Date
1	Vinay M.R and Ramprasad.D.S, Asst. Professors	'Introduction to Fusion 360'	SDMIT Ujire	18 th &19 th November 2022

Dept.: Basic Sciences, Humanities & Others

Sl. No.	Staff Name and Designation	Programme	Place	Date
1	Dr. S Samshuddin, Asst. Professor	'One Day Faculty Orientation Program on Revised Syllabus of Chemistry, Physics & Mathematics'	VVCE, Mysore	26 Nov 2022
2	Dr. S Samshuddin, Dr. Sanjay. S.S., Swathi Phadke N., Asst. Professors	Workshop on 'Intellectual Property Rights & Promotion of Innovation'	SDM PG Department of Chemistry, Ujire	19 July 2022
3	Dr. Rajatha. Librarian	IEEE – New learning methodologies in Engineering & medical Education: Role of Librarians & Faculties	Mangalore	10 th Aug 2022

Research papers published/ Achievement by Faculty Members (Jan-Dec 2022)**Dept.: Comp. Sc. and Engg.**

Sl. No.	Staff Name and Designation	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year Details of Patents, if any/ Details of the R&D work/ Event Details	Remarks/ Achievement
1	Dr. Thyagaraju GS, Prof. HMT Gadiyar, Asst. Prof.	Gadiyar H.M.T., Thyagaraju G.S., Goudar R.H./ An Adaptive Approach for Preserving Privacy in Context Aware Applications for Smartphones in Cloud Computing Platform/ International Journal of Advanced Computer Science and Applications/ Vol. 13(5), pp. 519-529/ May 2022	Journal Paper
2	HMT Gadiyar, Asst. Prof.	R Mohan Naik, Gadiyar H.M.T., M S.S., Bharathraj kumar M., K Sowmya.T./ Enhanced cipher text-policy attribute-based encryption & serialization on media cloud data/ International Journal of Pervasive Computing and Communications/ Vol. 2022, pp. 1-14/ Oct. 2022	Journal Paper

Dept.: Electronics & Comm. Engg.

Sl. No.	Staff Name and Designation	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year Details of Patents, if any/ Details of the R&D work/ Event Details	Remarks/ Achievement
1	Dr. Mohan Naik, Asst. Prof.	R. Mohan Naik, Srinivasa Rao M, Lai WC, Parameshachari BD, Ananda Babu J, Hemalatha KL. / An Efficient and Secure Big Data Storage in Cloud Environment by Using Triple Data Encryption Standard/ Big Data and Cognitive Computing/ Vol. 6(4), pp. 101/ Sept. 2022	Journal Paper
2	Dr. Mohan Naik, Asst. Prof. Sowmya T.K., Asst. Prof.	R Mohan Naik, Gadiyar H.M.T., M S.S., Bharathraj kumar M., K Sowmya.T./ Enhanced cipher text-policy attribute-based encryption & serialization on media cloud data/ International Journal of Pervasive Computing and Communications/ Vol. 2022, pp. 1-14/ Oct. 2022	Journal Paper
3	Bharathraj, Asst. Prof.	Kumar M.Bharathraj., Jayappa P./ Sierpinski carpet fractal monopole antenna for ultra-wideband applications/ International Journal of Electrical and Computer Engineering/ Vol. 12(1), pp. 983-996/ Feb. 2022	Journal Paper

Dept.: Electrical & Electronics Engg.

Sl. No.	Staff Name and Designation	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year Details of Patents, if any/ Details of the R&D work/ Event Details	Remarks/ Achievement
1	Mr. Antheesh, Asst. Professor	Antheesh R, Dr. Rajkiran Ballal I / Enhancement of Performance of Energy Storage System using Super capacitor/ International Journal of All Research Education and Scientific Methods/ Vol. 10 (6) / June 2022	Journal Paper
2		Antheesh R, Dr. Rajkiran Ballal I / Retrospect on Super capacitors/ International Journal of Scientific & Engineering Research/ Vol. 13 (6) / June 2022	Journal Paper

Dept.: Inform. Sc. and Engg.

Sl. No.	Staff Name and Designation	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year Details of Patents, if any/ Details of the R&D work/ Event Details	Remarks/ Achievement
1	Dr. G.P. Hegde, Associ. Professor	Hegde N.P., Musunuru S., Vikkurty S., Hegde G.P., Kandukuri G./ Employee Sentiment Analysis Towards Remote Work during COVID-19 Using Twitter Data/ International Journal of Intelligent Engineering and Systems/ Vol. 15(1), pp. 75-84/ Jan 2022	Journal Paper
2		Nagaratna P. Hegde, V. Sireesha, K. Gnyanee, G.P. Hegde/ Sentiment Analysis using COVID-19 Twitter Data/ Smart Intelligent Computing and Applications Book Chapter/ pp. 431-440/ April 2022	Journal Paper
3		Enhancement of security issues in distributed computing using Artificial intelligence and machine learning	Patent applied
4	Dr. Dharmanna, Associ. Professor	Chandrappa S., Dharmanna L., Anami B./ A Novel Approach for Early Detection of Neovascular Glaucoma Using Fractal Geometry / International Journal of Image, Graphics and Signal Processing/ pp. 26-39/ Feb /2022	Journal Paper
5	Dr. Dharmanna L., Associ. Professor and Usha G.R., Asst. Professor	Usha G. R., Dharmanna L/ An Investigation of Effectiveness of CNN and RNN Models for Extraction of Aspect Based Sentiments/ Journal of Harbin Institute of Technology/ Vol. 54(1), pp. 15-25/ Jan 2022	Journal Paper
6	Naveen S. Pagad, Asst. Professor	Pagad N.S., Pradeep N., Almuzaini K.K., Maheshwari M., Gangodkar D., Shukla P., Alhassan M./ Clinical Text Data Categorization and Feature Extraction Using Medical-	Journal Paper

		Fissure Algorithm and Neg-Seq Algorithm/ Computational Intelligence and Neuroscience/ pp. 5759521/ Mar 2022	
7	Basavaraj Patil, Asst. Professor	Patil B., Biradar S.R./ Early Detection Mechanism for Sybil Attacks on Wireless Multimedia Sensor Networks/ Serbian Journal of Electrical Engineering/ Vol. 19(2), pp. 193-206/ June 2022	Journal Paper
8.		Patil B., Biradar S.R./An efficient authentication and key-distribution protocol for wireless multimedia sensor network/ Indonesian Journal of Electrical Engineering and Computer Science/ Vol. 27(1), pp. 347-354/ July 2022	Journal Paper

Dept.: Mech. Engg.

Sl. No.	Staff Name and Designation	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year Details of Patents, if any/ Details of the R&D work/ Event Details	Remarks/ Achievement
1	Dr. Girish Kumar, Professor	Jayaram Bhat, Vishawanath Bhat, Girish Kumar and Shivaprasad B. L./ Modelling and Analysis of Areca nut Collecting Machine/ Current Agriculture Research Journal/ Vol. 10(3), pp. 1-7/ Nov 2022	Journal Paper
2		Mech. Engg. (Arecanut pesticide sprayer using Drone Technology)	Patent applied
2	Dr. Basava T., Associ. Professor	Dr. Basava T., Praveen P Naik, Rajshekhar Kulkarni and Chidri Vaibhav/ Smart Chalk Dust Remover/ International Journal of Engineering and Technology/ Volume 9, Issue 8/ Aug. 2022	Journal Paper
3	Dr. Premkumar S., Asst. Professor	Sahana K.R., Prem Kumar S., Istalingamurthy / The modified Biosand Filters for Water Treatment / Water and Environmental Sustainability / Vol 2(1), pp. 1-8/ March 2022	Journal Paper

Dept.: Civil Engg.

Sl. No.	Staff Name and Designation	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year Details of Patents, if any/ Details of the R&D work/ Event Details	Remarks/ Achievement
1	Dr. Krishnaprasad P.A., Associ. Professor	Hegde V.S., Nayak S.R., Huchchannavar G.K., Krishnaprasad P.A., Rajawat A.S., Shalini G., Jayakumar S., Gosavi K.D., Hegde L.G./ Meso-scale foreshore evolution in low-energy, storm-dominated tropical west coast of India: Implications for shoreline management/ Journal of Earth System Science/ Vol. 131, pp. 26, Jan 2022	Journal Paper

2		Rasheeda K., Alamri A.H., Krishnaprasad P.A., Swathi N.P., Alva V.D.P., Aljohani T.A./ Efficiency of a pyrimidine derivative for the corrosion inhibition of C1018 carbon steel in aqueous acidic medium: Experimental and theoretical approach/ Colloids and Surfaces A: Physicochemical and Engineering Aspects/ Vol. 642, pp. 128631/ Feb 2022	Journal Paper
3	Subrahmanya R. Sharma, Asst. Professor	Subrahmanya R. Sharma, S. S. Sanjay, Shashiprabha and Vishwanatha P/ Colocasia Esculenta leaf slurry as an efficient surface applicant additive/ Shodha International Journal, pp.131-144/ Jan 2022	Journal Paper
4	Vinay Shyam and Subramanya R. Sharma, Asst. Professors	Comparative evaluation of mechanical properties of conventional coarse aggregate and lightweight coarse aggregates	Patent applied
5		Strength Characteristics and load-deflection behaviour of flyash-based reinforced concrete beam	

Dept.: Basic Sciences & Humanities

Sl. No.	Staff Name and Designation	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year Details of Patents, if any/ Details of the R&D work/ Event Details	Remarks/ Achievement
1	Dr. Samshuddin S., Asst. Professor Swathi N.P., Asst. Professor	Swathi N.P., Samshuddin S., Alamri A.H., Rasheeda K., Alva V.D.P., Aljohani T.A./ Experimental and theoretical investigation of a new triazole derivative for the corrosion inhibition of carbon steel in acid medium/ Egyptian Journal of Petroleum/ Vol. 31(2), pp. 15-21/ April 2022	Journal Paper
2	Dr. Samshuddin S., Asst. Professor Swathi N.P., Asst. Professor	Swathi N.P., Samshuddin S., Aljohani T.A., Rasheeda K., Alva V.D.P., Alomari F.Y., Alamri A.H./ A new 1,2,4-triazole derivative as an excellent corrosion inhibitor: Electrochemical experiments with theoretical validation/ Materials Chemistry and Physics/ Vol. 291, pp. 126677/ Sept. 2022	Journal Paper
3	Dr. Sanjay S.S., Asst. Professor	Subrahmanya R. Sharma, S. S. Sanjay, Shashiprabha and Vishwanatha P/ Colocasia Esculenta leaf slurry as an efficient surface applicant additive/ Shodha International Journal, pp.131-144/ Jan 2022	Journal Paper
4		Sanjay S.S., Shashiprabha, Shridhara K., Nagarajan K./ Synthesis, structural elucidation and reaction optimization studies of a novel prodrug of Atovaquone/ Journal of Chemical Sciences/ Vol. 134, pp. 33/ March 2022	Journal Paper

5		S.S. Sanjay, Shashiprabha, K. Shridhara, K. Nagarajan, H. Sivaramakrishnan and B. Arun/ Synthesis, Characterization, Antimalarial and Anticancer Activities of Few New Amino Analogues of 1,4-Naphthoquinone/ Asian Journal of Organic and Medicinal Chemistry/ Vol. 7(1), pp. 123-130/ April 2022	Journal Paper
6		S.S. Sanjay, Shashiprabha, K. Shridhara, K. Nagarajan, K.R. Ranganathan/ A systematic study towards the synthesis, isolation and recrystallization of Atovaquone, an antimalarial drug: A sustainable synthetic pathway/ Mapana Journal of Sciences/ Vol. 21: Article No. 3374/ May 2022	Journal Paper
7		S.S. Sanjay, Shashiprabha, K. Shridhara, K. Nagarajan, K.R. Ranganathan/ A novel and sustainable method for the synthesis of 2-chloro-3-[trans-4-(4-chlorophenyl) cyclohexyl]-1,4-naphthoquinone, accomplished by systematic process development studies/ Mapana Journal of Sciences/ Vol. 21: Article No. 3437/ July 2022	Journal Paper
8		Comparative evaluation of mechanical properties of conventional coarse aggregate and lightweight coarse aggregates	Patent applied
9	Swathi N.P., Asst. Professor	Rasheeda K., Alamri A.H., Krishnaprasad P.A., Swathi N.P., Alva V.D.P., Aljohani T.A./ Efficiency of a pyrimidine derivative for the corrosion inhibition of C1018 carbon steel in aqueous acidic medium: Experimental and theoretical approach/ Colloids and Surfaces A: Physicochemical and Engineering Aspects/ Vol. 642, pp. 128631/ Feb 2022	Journal Paper
10	Swathi N.P., Asst. Professor	Rasheeda K., Swathi N.P., Alva V.D.P., Aljohani T.A., Alomari F.Y., Alamri A.H./ Anticorrosive Behavior of New Pyrimidine Derivatives on Carbon Steel in Acidic Medium: Experimental, Theoretical, and Surface Studies/ Journal of Bio- and Tribo-Corrosion/ Vol. 8, pp. 89/ Aug. 2022	Journal Paper

Prizes won/ Ranks/ Research papers published/ Achievement by the Students (Jan-Dec 2022)**Dept.: Comp. Sc. & Engg.**

Sl. No.	Student Name(s)	Sem	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Nithika K C, Naga Sumathi M S, Monika M S and Manjunath A Naik	7/8	Depression Analysis in students using machine learning (Project)	KSCST funding
2	Prakruthi Jain S P, Pratheeksha P Hegde, Shalini K M and Sharanya N S	7/8	E-waste Management using Blockchain (Project)	
3	Amar R Shankar, Avinash Shenoy, Nithin K and Apoorva KG	7/8	Smart Security Camera Using Machine Learning (Project)	VTU Funding
4	Bharath SR, MS Keshu, Anusha N and Archana Billava	7/8	Agro Help (Project)	

Dept.: Electr. & Comm. Engg.

Sl. No.	Student Name(s)	Sem	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Basavaraj, Deemanth and Shreyas	7/8	DIY solar water heater with automatic solar tracking (Project)	KSCST funding
2	Chandana Shetty, Sanjana, Samrth Shetty and Sudarshan	7/8	Design & Implementation of wall climbing robot using pneumatics and operated by PLC (Project)	
3	Kishan Kumar, Akshay, Deekshith and Suraj	7/8	Smart sight for visually impaired people (Project)	VTU funding
4	Sevanthi, Sathyaprabha Jain and Ajay Shetti	7/8	Pesticide sprayer robot for arecanut (Project)	

Dept.: Elect. & Electr. Engg.

Sl. No.	Student Name(s)	Sem	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Mohith, Dhananjaya Kumar	7/8	Automatic and scheduled operation of streetlights (Project)/ Anveshana 2022 Project Competition (State)	Consolation prize
2	Chandana, Mahima Naik	7/8	Arecanut protection against rainfall during drying process (Project)/ Anveshana 2022 Project Competition (State)	

3	Deepak NM, Nayan Kumar and Gururaj	7/8	Design and implementation of mobility aid for blind people (Project)	VTU funding
4	Sharath N, Pratheek Kumar, Aishwarya Lakshmi and Sudarshan	7/8	Automatic bottle filling system using PLC (Project)	

Dept.: Inf. Sc. & Engg.

Sl. No.	Student Name(s)	Sem	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Rakshitha M.B.	8	5 th Rank in B.E. (ISE) examination (awarded in VTU Convocation)	Rank
2	Jayanth, Nagaraj Hegde, Namratha Naik and Namratha UI	7/8	Automated Hydroponics Monitoring System using IoT (Project)	KSCST Best Project award
3	Sushmitha, Rashmi and Vinushree	7/8	GPS operated smart walking stick for visually impaired people	KSCST funding
4	Deeksha Kumta, KA Sindhu, Kavya Patagar and Meghana Naik	7/8	IoT based digital notice board implementation for the colleges and schools with audio alert system	
5	Deepaika Naik, Niveditha Shetty, Reena Hiremath and Shreya Jain	7/8	Real time automatic vehicle control by drowsy driver detection	VTU funding
6	Chaithra, Fathima Shamla and Gayana	7/8	Drink and Drive detection with ignition lock	

Dept.: Mech. Engg.

Sl. No.	Student Name(s)	Sem	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Praveen P Naik, Rajshekhar Kulkarni and Chidri Vaibhav	8	Smart Chalk Dust Remover/ International Journal of Engineering and Technology / Vol. 9 (8)/ Aug. 2022	Journal paper
2	Pranav Sharma and Harsha A.	7/8	Photosensitive Crop Dryer (Project) / Anveshana 2022 Project Competition (National)	Consolation prize
3	Amith HK, Maruthi SP, Nihal L and Vikas SL	7/8	Water distillation using solar energy (Project)	KSCST funding
4	Arjun, Chetan, Ashoka and Pawan	7/8	Development of trimming mechanism for grass cutter (Project)	VTU funding
5	Alphy George, Ramesha and Suman Rao	7/8	Multi-purpose collecting machine (Project)	
6	Anosh, Gilbert and Darshan	5	Smart incinerator (Project)/ Anveshana 2022-23 National Level competition	Qualified for final

Dept.: Civil Engg.

Sl. No.	Student Name(s)	Sem	First author & Co-authors/ Title of the paper/ Journal/ pp. No./Year/ Event/ Competition	Remarks/ Achievement
1	Abhijna, Pramod N	5/6	Utilization of LDPE plastics in manufacturing of pavement blocks with glass and ceramic waste (Project)/ Anveshana 2022 National Level competition	Consolation prize
2	Sushreeth Jain, Neha MP, Shravya KS and Sushma KJ	7/8	Fluoride dynamics – a case study from Ujire	VTU funding
3	Lakshmikanth, Santhosh Bhat, Vijayashree, Raksha Eeshappanavar and Sunil Kumar	7/8	Crop water management of paddy for Belthangadi Taluk	
4	Hithesh Shetty	7	Bricks by glass waste/ Anveshana 2022-23 National Level competition	Qualified for final
5	Niveditha Patil	7	Bricks by construction waste/ Anveshana 2022-23 National Level competition	

Webinars/ Conferences/ Seminars/ Workshops/ Training Programmes organized (Jan-Dec 2022)

Dept.: Comp. Sc. & Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Training (with hands-on) on 'Programming in C'	Internal Faculty of CSE dept.	All II year students	3 rd – 8 th Jan, 22 nd - 26 th Feb 2022
2	Webinar on 'Git, Github and Markdown'	Mr.Girish Bhat, ThoughtWorks, Bangalore	Students	8 th Jan 2022
3	Webinar on 'DevOps for Developers'	Mr. Sammed Jain, SDM PG College, Ujire	Students	20 th Jan 2022
4	Webinar on 'Cloud Computing Tools'	Mr. Kaushal Jain, Accenture, Bangalore	Students	12 th Feb 2022
5	Webinar on 'Current Trends in Privacy and Cloud Computing'	Mr Manoj T Gadiyar, SDMIT, Ujire	Students	24 th Feb 2022
6	Webinar on 'Metaverse Fundamentals'	Mr. Ravindra Dastikop, SDMCET, Dharwad	Students	29 th April 2022
7	Webinar on 'Quantum Computing'	Mr. Prajwal Shetty, Synopsys, Bangalore	Students	13 th May 2022
8	Bridge course (with hands-on) on C++	Internal Faculty of CSE dept.	II year students	26 th May – 10 th June 2022
9	Workshop on 'Problem Solving using Data Structures and Algorithms'	Dr. Prasanna Kumar, Professor & Head, PESITM, Shivamogga	Students	28 th May 2022
10	Webinar on 'Full Stack Development'	Mr. Subramanya, Tyson Foods, Bangalore	Students	16 th June 2022
11	Hands-on training on 'Wired and Wireless Communication'	Dr. Raghavendra Patil G E and Mr. Chaithanya D, SDMIT, Ujire	Students	22 nd -25 th Aug 2022
12	Webinar on 'Networking and Career Guidance'	Ms. Saniha Poojary, 99Games, Udupi	Students	10 th Dec 2022

Dept.: Electrnics & Comm. Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	'Bridge the Gap' Interaction with alumni	Dileep Airani, FrenusTech, Karan Rai, Robosoft, Chaitra Pallavi, Global Edge, Prajwal Shetty, Insemi Technology	III and IV year students	23 rd April 2022
2	Training on 'Ethical Hacking & Burp suite'	Dr. Mohan Naik, SDMIT, Ujire	Students	4 th May – 18 th June 2022
3	'Career opportunities' - Alumni interaction	Vishnuvardhan Reddy, Varun, Sajjan Kumar (Alumni students)	III year students	8 th June 2022
4	Workshop on basics of Arduino Programming	Mr.Ramachandra and Dr.Avinash S, SDMIT, Ujire	II/ III year students	25 th – 26 th June 2022
5	Internship Training on 'Basics of VLSI /Physical Design & Block Synthesis'	Mr.Praveen Gore, Teloquence Pvt.Ltd., Manipal	III year students	22 nd Aug -17 th Sept 2022
6	FDP on VLSI Cadence Tools	Mr.Naveen Krishna, Entuple Technologies	Faculty	19 th -20 th Oct 2022

Dept.: Elect. & Electr. Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Webinar on 'Future on Marine Renewable Energy'	Mr. K.R Prajwal, Tidal Sails, Norway	Students	24 th June 2022
2	Webinar on 'Power Converters and Interdisciplinary Role in Electric Vehicles'	Dr. Sanjeev Nayak, Valeo India, Chennai	Students	5 th Nov 2022
3	Training Program on 'VLSI SoC Design using Verilog HDL' (online)	Maven Silicon Company, Bangalore	Students	16 th Nov-15 th Dec 2022

Dept.: Information Sc. & Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Webinar on 'Implementation of Machine Learning Algorithms for Real Time Applications'	Dr. Nagaratna Hegde, VCE, Hyderabad	Students	9 July 2022
2	Webinar on 'Cyber Security'	Dr. Mohammed Rafi, UBDTCE, Davanagere	Students	7 Aug 2022
3	Training on 'Software testing with open tool Selenium'	Shobha Sharma and Shwetha SV, SDMIT, Ujire	Students	16 th Nov-1 st Dec 2022
4	Training on 'Java programming'	Usha GR, SDMIT, Ujire	Students	1 st -26 th Aug 2022

Dept.: Mech. Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	'Ideate-Innovate-Implement' hackathon	Internal faculty (Collaborator: K-Tech)	I/II year students	28 th Feb 2022
2	Training on 'Preparation of Presentation Slides'	Dr. Girish Kumar, SDMIT, Ujire	I year students	21 st -29 th March 2022
3	Awareness session on 'Competitive Exams'	Mr. Vivek Joshi, Karnataka Bank, Delhi	III/IV year students	13 th April 2022
4	Leadership training 'Building the future leaders'	Internal faculty	IV year students	20 th May 2022
5	Training on 'Preparation of Professional Presentation'	Dr. Girish Kumar, SDMIT, Ujire	IV year students	27 th -28 th May 2022
6	Awareness on 'Project report preparation'	Sukesh N., SDMIT, Ujire	IV year students	31 st May 2022
7	FDP/ SDP on 'Fusion 360'	Mr. Abhinandan Kabbur and Mr. Maruthi, Medini Technologies, Bengaluru	III/ IV year students & faculty	18 th -19 th Nov 2022

Dept.: Civil Engg.

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Webinar on 'Engineering hydrology and its Scope'	Mr. Vishwanatha Bhat, SDMCET, Dharwad	II/ III year students	10 July 2022
2	Talk on 'Coastal zone management and advanced development in cement' (Techno-week)	Ajith Hebbar, AIET, Moodabidri Suraj Kumar, Ramco Cements	Students	30 th Sept 2022
3	SDP on 'AutoCAD and OSS ProjectLibre'	Mr. Vinay M R, SDMIT, Ujire	II year students	6 Oct-8 Nov 2022
4	Talk on 'Tendering and rate analysis'	Ujwal D'souza, Consulting Civil Engineer	Students	28 th oct 2022

Dept.: Basic Sciences & Humanities

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	'Jagruthi-2022' – Training and Dev. activities	Sharad Vihari Dasa & Associates, BACCE, Mangaluru	All I year students	8 th – 10 th Feb 2022
2	Personal holistic competency training			6 th - 8 th Dec 2022

Dept.: Miscellaneous

Sl. No.	Event	Resource Persons	Target participants	Date of conduction
1	Entrepreneurship Awareness Program	MSME, Mangalur (GoI)	II year students	23 rd Feb 2022
2	Awareness on 'Planning and Writing Research Proposals for Grants'	Dr. VS Hegde, SDMCET, Dharwad	Faculty	17 th March 2022
3	Workshop on 'Accelerating research & career momentum through IEEE publication'	M. S. Srinivasa, EBSCO Information Services	III year students	28 th April 2022
4	Be an Entrepreneur Become an Employer	DIC, GoK	II/ III year students	12 th May 2022
5	Entrepreneurship Awareness Boot Camp	Anoop A., Manager, AMIA Mobile and Vishnu Nagaraj, Carve Start-up labs	/ II year students	18 th – 19 th Oct 2022

R&D initiative/ Project proposals submitted to funding agencies/ Status of running projects (Jan-Dec 2022)**Dept.: Comp. Sc. & Engg.**

Sl. No.	Title of the project	Staff coordinator/ in-charge	Status	Funding Agency	Budgeted amount/ grant amount	Date of approval / date of submission
1	Context aware privacy preservation in the IoT	Dr. Thyagaraju GS and Mr. HMT Gadiyar	Submitted	SERB	43,30,918/-	March 2022
2	IoT based smart refrigerator for monitoring food product	Dr. Raghavendra Patil and Mr. Pradeep Rao	Submitted	SERB	44,99,000/-	March 2022
3	Estimating the conc. & depression levels of students in classroom through recognizing emotions by using deep learning techniques	Mr. Rakshith MD and Ms. Suchetha NV	Submitted	VGST	1,38,700/-	Feb 2022
4	An energy efficient routing protocol for WSN based IoT applications	Dr. Raghavendra Patil and Mr. Pradeep Rao	Submitted	VGST	1,54,000/-	Feb 2022

Dept.: Electr. & Comm. Engg.

Sl. No.	Title of the project	Staff coordinator/ in-charge	Status	Funding Agency	Budgeted amount/ grant amount	Date of approval / date of submission
1	Establishment of CoE in Antenna design, fabrication and debugging	Mr. Madhusudhana K. and Dr. Subramanya S.B.	Submitted	VGST	40,00,000/-	Feb 2022

Dept.: Elect. & Electr. Engg.

Sl. No.	Title of the project	Staff coordinator/ in-charge	Status	Funding Agency	Budgeted amount/ grant amount	Date of approval / date of submission
1	Renewable energy for electricity generation awareness center	Dr. K. Manjunath and Mr. Somashekar D.P.	Submitted	VGST	30,00,000/-	Feb 2022
2	Design and implementation of Automatic water piping system	Mr. Vineeth Kumar PK and Mr. Antheesh R.	Submitted	VGST	3,12,000/-	Feb 2022

Dept.: Inf. Sc. & Engg.

Sl. No.	Title of the project	Staff coordinator/ in-charge	Status	Funding Agency	Budgeted amount/ grant amount	Date of approval / date of submission
1	Diagnosis of Common Carotid artery thickness using IoT for advanced healthcare	Dr. Dharmanna L. and Ms. Shwetha S.V.	Submitted	SERB	30,50,000/-	March 2022
2	Facial expression recognition using subspace methods	Dr. G.P. Hegde and Mr. Basavaraj Patil	Submitted	VGST	1,24,000/-	Feb 2022

Dept.: Mech. Engg.

Sl. No.	Title of the project	Staff coordinator/ in-charge	Status	Funding Agency	Budgeted amount/ grant amount	Date of approval / date of submission
1	Development and tribological analysis of MMCs by vacuum die stir casting method	Dr. Nityanand B. and Dr. Girish Kumar	Submitted	VGST	13,35,000/-	Feb 2022

2	Design and Development of hybrid solar crop drying system	Dr. Premkumar S. and Dr. Sathyanarayana P.	Submitted	VGST	3,00,000/-	Feb 2022
---	---	--	-----------	------	------------	----------

Dept.: Civil Engg.

Sl. No.	Title of the project	Staff coordinator/ in-charge	Status	Funding Agency	Budgeted amount/ grant amount	Date of approval / date of submission
1	The surf zone dynamics and shoreline vulnerability between Baindur and Kundapura	Dr. Krishnaprasad PA and Dr. Raveesha P.	Submitted	VGST	10,78,000/-	Feb 2022
2						

Dept.: Basic Sciences & Humanities

Sl. No.	Title of the project	Staff coordinator/ in-charge	Status	Funding Agency	Budgeted amount/ grant amount	Date of approval / date of submission
1	Evaluation of Heterocyclic derivatives for the corrosion inhibition of MS in aqueous acidic medium: Experimental and theoretical approach	Swathi Phadke N. and Dr. S. Samshuddin	Submitted	VGT	3,00,000/-	Feb 2022

Other programmes organized by the College (Jan-Dec 2022)

Sl. No.	Event and Organizers	Resource Persons/ guest	Target participants	Date of conduction
1	Blood donation awareness / Red Cross unit	Dr. Tejaswini, SDM Hospital, Ujire	Students	12 th March 2022
2	Women's health, hygiene and cancer preventive measures (International Women's Day)	Dr. Ashika Padival, SDM Hospital, Ujire	Girl students	14 th March 2022
3	Life skill training / Nimhans, Bengaluru	Parveen U.T., Yuva Parivarthaki	Students	8 th April 2022
4	'Building the future leaders' – Leadership training	SDMIT Faculty	SDMITC, Samse	29 th -30 th April 2022
5	Self-defense for women/ Red Cross unit	Karthik Kateel, Trainer	Girl students	3 rd May 2022
6	Blood donation Camp / Red Cross unit	--	Students	6 th May 2022
7	Shree Krishna Parandhama (Yakshagana Taalamaddale)	--	Students	1 st June 2022
8	Tech-Ignite Project exhibition	--	Students	18 th -19 th July 2022
9	Blood donation Camp / Red Cross unit	--	Students	21 st July 2022
10	SDM trust scholarship distribution	Prof. S. Prabhakar, VP, SDMES, Ujire	Students	22 nd July 2022
11	Engineers Day and Workshop in rural high schools (Extension activity/ Community service)	--	Rural high school students	15 th Sept 2022
12	Koti Ganta Gayana	--	Students	31 st Oct 2022