

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NEWSLETTER



Volume: 6

Issue: 2

March – September 2021



SMVITM

Volume: 6 Issue 2 AY: 2020-21

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SHRI MADHWA VADIRAJA

INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(A Unit of Shri Sode Vadiraja Mutt Education Trust (R), Udupi)

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Affiliated to the Visvesvaraya Technological University, Belagavi

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Vishwothamanagar, Bantakal – 574 115, Udupi, Karnataka, India

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CSE NEWSLETTER

Our Vision

To become a center of excellence, in the field of Computer Science and Engineering education and research, catering the needs of the industry and society

In This Issue

About the Department	1
Department Activities	
Workshop on "Mini Project Development using Web Technology"	2
Alumni Talk by Mr. Krishna Raj Chadaga	2
Workshop on "Basics of HTML and CSS"	3
Value added course on "Object Oriented Programming with C++"	3
"Spitballing" – Can you think and talk quick enough?	4
Workshop on "Git and GitHub"	4
Technical Talk on "Deep Learning for Image Recognition"	5
Technical Talk on "A Research perspective on Blockchain Technology"	5
National – level Hacathon – "Hackothsava"	5
Student Accomplishments	7
Placed Students of 2017-21 batch	8
Academic Toppers Odd Semester	13
Academic Toppers Even Semester	14
Faculty Accomplishments	
Chief Guest/Resource Person/ Speaker	15
Publication Details	16
Conference Details	17
Workshop Attended	19
Faculty Development Programme Attended	20
Webinar/Seminar Attended	22
MooC Courses	24

Our Mission

- To educate the Computer Science Engineering aspirants with basic and advanced technologies.
- To prepare students with additional skill-set so that, they can make a difference in competitive environments.
- To orient themselves towards continuously improve their technological skills.
- To train students to communicate effectively and be faithful to ethical values.

About the Department

Today, most of the real world activities and fields, right from calculations to space exploration are being computerized as the operations can be much faster and error free with the computer applications. This has resulted in an increased demand for skilled and competent professionals in the computer engineering sector. To cater to this, the Department of Computer Science & Engineering was established at SMVITM in 2010, offering Bachelor of Engineering course with an intake of 60 students per year. The intake was raised to 120 students from the academic year 2012-13. The Department aims at training the students to be industry-ready by the end of their course through regular curriculum as prescribed by the University and also with supplementary programs, throughout their study.

The Department of Computer Science & Engineering is one of the much sought after departments at SMVITM. The Department has well qualified and motivated faculty members who are highly committed to the overall development of the students.

Along with the regular curriculum, the Department organizes various guest-lectures/invited talks by eminent faculty from reputed institutions/industry experts to keep students up-to-date about the latest technological developments. In addition to this, there are some eminent academicians appointed as Adjunct Faculty with the Department to supplement teaching, mentoring and guiding the students as well as the faculty members and also to promote research culture in the Department.

The Department has state-of-the-art laboratories equipped with high-end computers and other required peripherals to meet the academic needs of students. The Department has the most sophisticated and state of the art computer labs aimed at giving hands-on training to the students in the most advanced areas in programming and software development. In addition to the existing labs, an internet lab as a central facility is being developed.

Department Activities

Workshop on “Mini Project Development using Web Technology”



The Unnat Bharath Abhiyan Cell in coordination with Department of BCA, St Mary's College Shirva had organized a workshop on “Mini Project Development using Web Technology”. The workshop was held at Fr. Henry Castelino auditorium, St Mary's College Shirva from 01 to 02 March 2021. Dr.

Raghavendra S, Associate Professor and Ms. Sahana Karanth, Assistant Professor were resource person for the workshop. Web based Project developed by the final year CSE students Mr. Chinthan Shetty, Mr. Harikrishna, Mr. Hansen, Ms. Aishwarya Kedlaya, and Ms. Shloka S Shetty was demonstrated to the participants. Mr. Sharath Kumar, Assistant Professor and departmental coordinator of Unnat Bharath Abhiyan Cell coordinated this workshop.

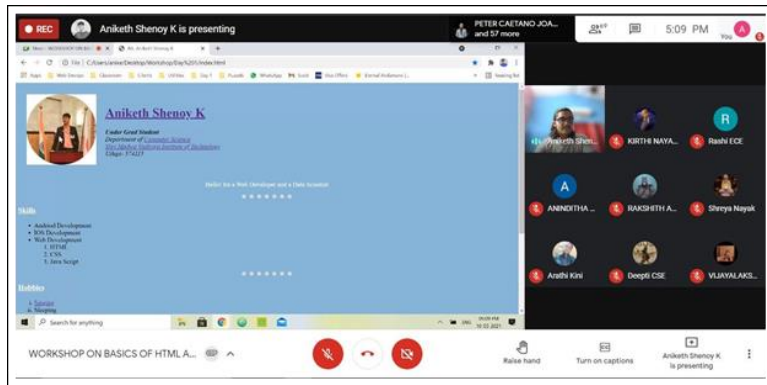
Alumni Talk by Mr. Krishna Raj Chadaga



The Alumni Cell in association with Department of Computer Science and Engineering has organized Student-Alumni interaction activity on 10 March, 2021 by Mr. Krishna Raj Chadaga, student of 2014-2018 batch. Ms. Ramyashree compered the program. Dr. Vasudeva, Dean (Research and Consultancy), Dr.Nagaraj Bhat , HoD of CSE, faculty members of the department and students of

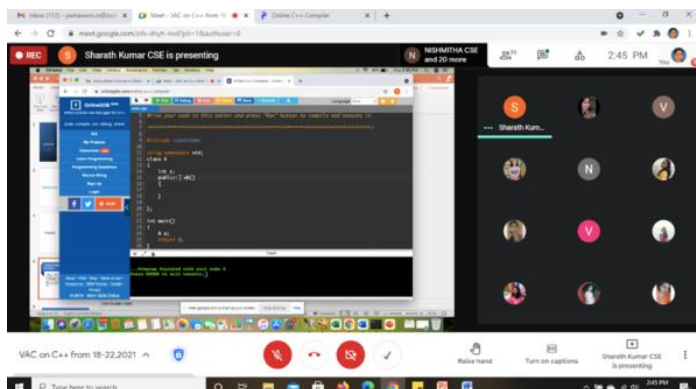
department attended the event.

Workshop on “Basics of HTML and CSS”



The CodeTroopers club organized an online workshop on 'The Basics of HTML and CSS' on the 10th and 11th of May 2021, for the benefit of the members of CodeTroopers club. This workshop was followed by a 24-hour 'Webathon' competition for the participants. The two day sessions were conducted by Mr. Aniketh Shenoy, second year student of the department... Ms. Kirthi Nayak, Treasurer of the CodeTroopers compered the program.

Value added course on “Object Oriented Programming with C++”



The Department of CSE conducted a Value-added course on “Object Oriented Programming with C++” for the benefit of 4th semester students from 18 to 22 May 2021 through online mode.

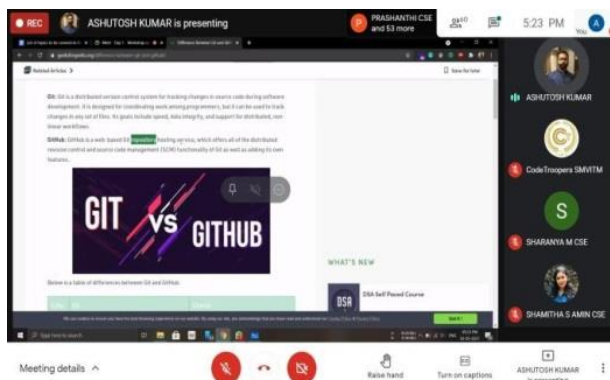
The main objective of this value-added course was to give an overview of C++ programming by solving several practical problems. Course Instructor for the training program was Ms. Yashaswini Jogi, Ms. Sahana and Mr. Sharath Kumar, Senior Assistant Professors, CSE Department. Totally 41 participants attended the training program, where they were given the hands-on training with respect to Object Oriented Programming using C++.

“Spitballing” – Can you think and talk quick enough?



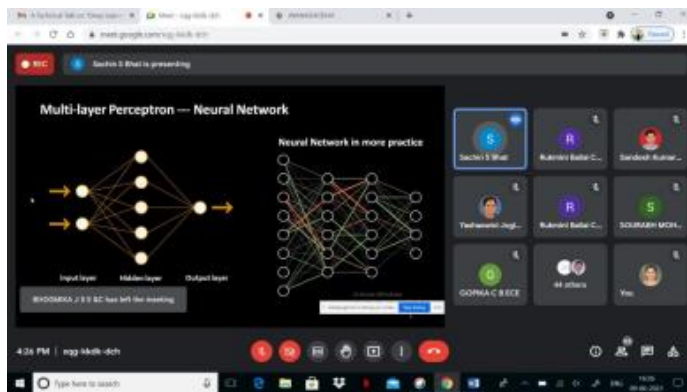
The CodeTroopers Club in association with the ISTE Student Chapter organized a communication skilling event – “Spitballing – Can you think and talk quick enough?” on the 24 and 25 of May through online mode. The judges for the competition were Dr. Vasudeva (Dean, Research and Consultancy) and Mr. Deepak Rao M (Assistant Professor, CSE Department). Mr. Raunak Choudhary, President of the CodeTroopers Club and Joint-Secretary of ISTE Student Chapter hosted the event.

Workshop on “Git and GitHub”



A two-day workshop on ‘Git and Github’ was organized on the 3rd and 4th of May 2021 through online mode, arranged exclusively for the members of CodeTroopers. The workshop was held with an intention to introduce the basics of Git and Github, demonstrate various functionalities of the interface and provide information regarding the student developer pack to the participants. The sessions were delivered by Mr. Ashutosh Kumar, final year student from CSE who is also the IEEE Student Branch chair in SMVITM. Mr. Deepak Nayak, final year CSE student has also handled few other subject matters on day 2. Mr. Raunak Choudhary, President of the CodeTroopers club, compered the program.

Technical Talk on “Deep Learning for Image Recognition”



Rukmini Bhat B, Assistant Professor, compered the program.

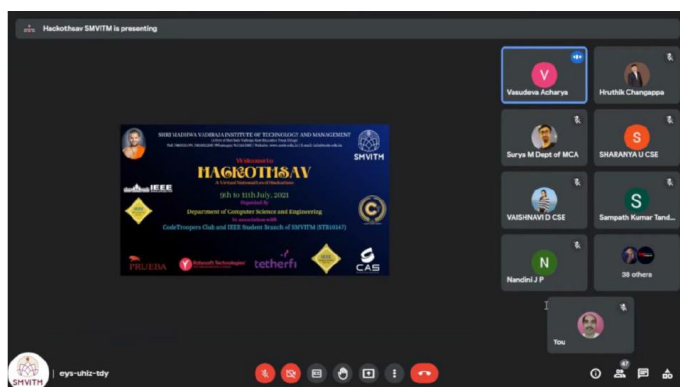
The Research review cell organized a technical talk on “Deep Learning for Image Recognition” through virtual mode for the faculty and student community on 9 June 2021 at 4:00 PM. Dr. Sachin Bhat, Associate Professor, Dept. of ECE, SMVITM was the resource person for the talk Ms.

Technical Talk on "A Research perspective on Blockchain Technology"

The department of Computer Science and Engineering in coordination with Research review cell organized a technical talk on " A Research perspective on Blockchain Technology " through virtual mode for the faculty and student community of the, SMVITM, Bantakal on 7th July 2021 at 3:30 PM to 4:45 PM. The resource person of the talk is Mr. Aditya S K, Co-Founder, Tequed Lab, ASQR Technologies. Mr. Aditya started the presentation with the brief evolution of Block-chain technology, went ahead with the research perspective in connections with the block chain.

More than 80 members have attended this webinar. Ms. Rukmini Bhat B, Assistant Professor, compered the program.

National – level Hacathon – “Hackothsava”



National-level Hackathon - ‘Hackothsava’ was being jointly organized by the Department of Computer Science and Engineering, IEEE Student Branch and CodeTroopers Club of SMVITM. The event was inaugurated at on 9 July, 2021 by the Chief Guest Dr. Sudheendra Koushik, Innovation Director, Volvo Group. Shri Rathnakumar, Secretary, SSVMET, presided over the function. Prof. Thirumaleshwara Bhat, Principal, SMVITM, was also present. Dr. Vasudeva, IEEE Student Branch Counselor welcomed the

gathering and Ms. Navya proposed the vote of thanks. Ms. Aninditha and Ms. Avanti from the CodeTroopers club hosted the event. The event was sponsored by Tetherfi Technologies, Robosoft Technologies, Prueba India Software, IEEE Mangalore Subsection and IEEE CAS chapter.

The valedictory ceremony of Hackothsav was presided over by Parama Poojya Shri Vishwa Vallabha Theertha Shreepadaru, President, SSVMET. In his presidential address, Shripadaru explained how enthusiastic people can do wonders. Prof.

Thirumaleshwara Bhat, Principal, SMVITM, welcomed the gathering. Mr. Siju V Soman, Faculty Coordinator of CodeTroopers Club, presented the Report of 'Hackothsav'. The Vote of Thanks was proposed by Ms. Kirthi Nayak. Ms. Aninditha and Ms. Avanti were the masters of ceremony of the valedictory event. The Deans, HoDs, faculty and staff



members, students, evaluators, sponsors and participants were part of the event which was held in online mode and streamed on YouTube. Representatives from different sponsor companies- Mr. Karthik K from Robosoft Technologies, Mr. Nishchith Shetty from Tetherfi, Dr. Pushparaj Shetty, Chair, IEEE Mangalore Subsection, Mr. Dinesh Karnik from Prueba India Software Pvt. Ltd and Dr. Nagaraj Bhat, Head, Department of Computer Science and Engineering announced the runners and winners of different categories.



Art By: **Ms. Missbah Banu Muneer**, 2nd Year CS



Art By: **Ms. Nireeksha**, 4th Year CS

Student Accomplishments

1. Mr. Faheem Ahmad, Mr. Ashuthosh Kumar, Mr. Ganpat Patel and Mr. Raunak Choudhary won First Place in "6th Industry Institute Conclave on Electronics, Computational and Communication Technologies" held at Sahyadri College of Engineering and Management, Mangalore on June 26, 2021.
2. Ms. Aninditha from III Year won First Place in "TECH TALK" organized by Dept. of ECE in association with ISTE Student Chapter on 3rd August 2021.

Final year student **Ms. Prajnya** received the gold medal for being the topper from the department of CSE on the Eight Graduation day ceremony of the college held on 7 November 2021.



Final year student **Ms. Vaibhavalaxmi** received the best outgoing student (female) on the Eighth Graduation Day ceremony of the college held on 7 November 2021.



Placed Students of 2017-21 batch

NAME	COMPANY NAME	PHOTO	COMPANY LOGO
AISHWARYA	Capgemini Technology Services India Limited, Navi Mumbai		
POOJASHREE	Tata Consultancy Services Ltd., Bengaluru		
SHRIKALA	Tata Consultancy Services Ltd., Bengaluru		
SUSHMA	Tata Consultancy Services Ltd., Bengaluru		
GANPAT PATEL	Cognizant Technology Solutions, Bengaluru		
FAHEEM AHMAD	Cognizant Technology Solutions, Bengaluru		
PRAMODA KALKURA	Cognizant Technology Solutions, Bengaluru		
ASHMITHA KALKUR	Mindtree Ltd., Bengaluru		
CHETHANA MOGAVEERA	Mindtree Ltd., Bengaluru		

DEEPITH	Mindtree Ltd., Bengaluru		
FAHEEM AHMAD	Global Edge Software Ltd., Bengaluru		
ASHMITHA KALKUR	Accenture Services Pvt Ltd, Bengaluru		
VAIBHAVA LAXMI	Accenture Services Pvt Ltd, Bengaluru		
MAHIMA S RAO	Accenture Services Pvt Ltd, Bengaluru		
SALIAN CHAITRA SURESH	Accenture Services Pvt Ltd, Bengaluru		
FAHEEM AHMAD	Virtusa Bengaluru		
PRAMODA KALKURA	Codilar Technologies Pvt. Ltd. Bengaluru		
DEEPAK NAYAK	ClearFeed - Magentar Labs Pvt. Ltd, Bengaluru		
DHANARAJ	Wipro Limited, Bengaluru		

FAHEEM AHMAD	Wipro Limited, Bengaluru		
CHETHAN	Wipro Limited, Bengaluru		
JITHESH SHENOY	Wipro Limited, Bengaluru		
RAKSHITHA R	Accord Global Technology Solutions Private Limited, Bengaluru		
T NAMRATHA PAI	Talentio Solutions India Private Limited., Hyderabad		
DHANARAJ	Deloitte Consulting India Private Limited, Bengaluru		
AISHWARYA	Deloitte Consulting India Private Limited, Bengaluru		
NISHWAN N	Seventh Sense Talent Solutions., Bengaluru		
NOOR BANU	Seventh Sense Talent Solutions., Bengaluru		
JITHESH SHENOY	QSpiders Software Testing Center, Bengaluru		

MAHIMA S RAO	QSpiders Software Testing Center, Bengaluru		
SUHAS KASHYAP N	QSpiders Software Testing Center, Bengaluru		
ANUSHA SHETTY	Pentagon Space Pvt Ltd, Bengaluru		
CHARITHRA KINI T	Pentagon Space Pvt Ltd, Bengaluru		
CHETHANA MOGAVEERA	Pentagon Space Pvt Ltd, Bengaluru		
DHANARAJ	Pentagon Space Pvt Ltd, Bengaluru		
K SHRIVATHSA	Pentagon Space Pvt Ltd, Bengaluru		
PAREEKSHITH S	Pentagon Space Pvt Ltd, Bengaluru		
PRAMODA KALKURA	Pentagon Space Pvt Ltd, Bengaluru		
SALIAN CHAITRA SURESH	Pentagon Space Pvt Ltd, Bengaluru		
SUSHMA	Pentagon Space Pvt Ltd, Bengaluru		

REEFA	Pentagon Space Pvt Ltd, Bengaluru		
K SHRIVATHSA	Mangalore Infotech Solutions Pvt. Ltd., Mangalore		
CHINTAN SHETTY	PlanetSpark, Gurgaon Haryana		
PRAJNA	PeopleStrong Technologies Private Limited, Bengaluru		
SHRIKALA	Rai Jnan Private Limited Bengaluru		
SANJANA	Ace Micromatic Manufacturing Intelligence Technologies Pvt. Ltd., Bengaluru		
ULLAS	3D Usher Inc., Hyderabad		
CHETHAN	Niveus Solutions Pvt. Ltd., Udupi		
BHOOMIKA	Opteamix LLC, Bengaluru		
SUHAS KASHYAP N	Sasken Technologies, Bengaluru		

Academic Toppers Odd Semester

Sl.No.	USN	NAME	SGPA
VII Semester			
I	4MW17CS055	PRAJNA U	9.13
II	4MW17CS004	AISHWARYA KEDLAYA K	8.92
III	4MW17CS093	VAIBHAVA LAXMI	8.83
V Semester			
I	4MW18CS018	BHARGAVRAM UDUPA T	8.92
I	4MW18CS026	FATHIMA NAMIHA	8.92
I	4MW18CS045	NAVYA SHANBHAG	8.92
II	4MW18CS019	BHOOMIKA	8.72
III	4MW18CS011	ANUSHA	8.68
III Semester			
I	4MW19CS041	JELENA RIYA LEWIS	9.16
I	4MW19CS118	VISHWAS PRABHU	9.16
II	4MW19CS003	ADITHYA M SAMAGA	9.00
III	4MW19CS109	VAISHNAVI. D	8.87

Academic Toppers Even Semester

Sl.No.	USN	NAME	SGPA
VIII Semester			
I	4MW17CS055	PRAJNA U	9.65
II	4MW17CS093	VAIBHAVA LAXMI	9.65
III	4MW17CS016	CHARITHRA KINI T	9.45
VI Semester			
I	4MW18CS018	BHARGAVRAM UDUPA T	9.60
II	4MW18CS045	NAVYA SHANBHAG	9.36
III	4MW18CS004	AKANKSHA	9.00
III	4MW18CS006	ANANYA BHAT	9.00
III	4MW18CS007	ANINDITHA	9.00
III	4MW18CS011	ANUSHA	9.00
III	4MW18CS019	BHOOMIKA	9.00
III	4MW18CS020	CHANDANA H R	9.00
III	4MW18CS026	FATHIMA NAMIHA	9.00
III	4MW18CS032	K NIVEDITHA KAMATH	9.00
III	4MW18CS038	KRIPASHREE BHAT	9.00
III	4MW18CS041	MEGHANA ADIGA	9.00
III	4MW18CS049	NISHMITHA SHETTY	9.00
III	4MW18CS053	PRAJNA Y	9.00
III	4MW18CS061	RAYSON LAWRENCE DSOUZA	9.00
III	4MW18CS063	S SINCHANA	9.00
III	4MW18CS078	SHREYA NAYAK. K	9.00
III	4MW18CS094	VARSHA EG	9.00
IV Semester			
I	4MW19CS041	JELENA RIYA LEWIS	9.46
II	4MW19CS095	SRUSHTI H RAO	9.21
III	4MW19CS118	VISHWAS PRABHU	9.13

Faculty Accomplishments

Chief Guest/Resource Person/ Speaker

1. Dr. Raghavendra S, Associate Professor and Ms. Sahana Karanth, Assistant Professor have participated as resource person for the workshop “Mini Project Development using Web Technology” for the benefit of final year BCA students of St Mary’s College Shirva from 01 to 02 March 2021.
2. Mr. Venugopal Rao A.S, Assistant Professor has participated as resource person for the workshop “Personality Development and Interview Skills” organized by Indira Shiva Rao Polytechnic, Perampally on 10 March 2021.
3. Mr. Deepak Rao. M, Assistant Professor has coordinated ATL workshop in Govt. High School Udupi on 30 March 2021.
4. Mr. Deepak Rao. M, Assistant Professor and Mr. Venugopal Rao A.S, Assistant Professor have participated as resource person for Career Guidance program at Dandathirtha PU College on 30 March 2021.
5. Ms. Sneha N.S, Assistant Professor has coordinated ATL workshop on Arduino at Madhava Kripa School,Manipal On 31 March 2021.
6. Mr. Deepak Rao. M, Assistant Professor has coordinated ATL workshop at Volakadu School on 01 April 2021.
7. Dr. Vasudeva, Professor and Dean (Research and Consultancy) has participated as Key Note Speaker for Conference Organizer Education Workshop "Managing Online Conferences" organized by IEEE Bangalore Section, IEEE Mangalore and Mysore Subsections on 16 May 2021.
8. Dr. Raghavendra S, Associate Professor gave technical talk on Effective Way for Crafting a Literature Review, Tech-Talk organized by KLEIT, Hubli on 02 June 2021.
9. Dr. Vasudeva, Professor and Dean (Research and Consultancy) gave Invited talk on "Research Project Planning and Funding Opportunities" organized by University Institute of Computing, Chandigarh University, Chandigarh, Punjab on 16 June 2021.
10. Dr. Vasudeva, Professor and Dean (Research and Consultancy) has participated as evaluator for I2CONECCT, Project Competition held at IEEE Mangalore Sub Section at SCEM, Mangalore on 26 June 2021.

11. Dr. Vasudeva, Professor and Dean (Research and Consultancy) was Mentor for ATL Tinkerpreneur Summer Bootcamp from 28 May 2021 to 30 July 2021 organized by Atal Innovation Mission, NITI Ayog, Government of India
12. Dr. Vasudeva, Professor and Dean (Research and Consultancy) gave talk on "Importance of Research and Innovation in Academics" on 08 July 2021 organized by Department of MCA, Nitte Meenakshi Institute of Technology, Bengaluru.

Publication Details

1. Rukmini Bhat B, Sneha N S, Keerthana Bhat, Chaithra C Kamath, Chaitha Naik, IMPROVING THE EFFICIENCY OF SOFTWARE DEFINED NETWORK THROUGH LOAD BALANCING ALGORITHMS, Proceedings of the Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks, IEEE XPLORE, (2021), ISBN: 978-0-7381-1183-4, pg:608-615
2. C. Rama Mohan, A. Ashok Kumar, S. Kiran and Vasudeva, AN ENHANCEMENT PROCESS FOR GRAY-SCALE IMAGES RESULTED FROM IMAGE FUSION USING MULTIREOLUTION AND LAPLACIAN PYRAMID, ICTACT Journal on Image And Video Processing, (2021), 11(3), 2391-2399
3. Gouda, K.C., Joshi, S. & Nagaraj Bhat, AN OPTIMUM INITIAL MANIFOLD FOR IMPROVED SKILL AND LEAD IN LONG-RANGE FORECASTING OF MONSOON VARIABILITY, Theor Appl Climatol (2021).
4. Hareesh B, Vasudeva, IMAGE SEGMENTATION TECHNIQUES USING K-MEANS CLUSTERING TO IDENTIFY THE LAND USE CHANGE DETECTION, International Journal of Advanced Trends in Computer Science and Engineering, (2021), 10(2), 1200-1206
5. Book chapter in Cognitive Computing Systems Applications and Technological Advancements on the chapter "ARTIFICIAL INTELLIGENCE TECHNIQUE FOR PREDICTING TYPE 2 DIABETES" by Ramyashree, P.S. Venugopala
6. S. Ramesh, Gajanan Anne, Nagaraj Bhat, Ganesh Aithal, H. Shivananda Nayaka, Shashibhushan Arya, SURFACE MODIFICATION OF MULTI-DIRECTIONAL FORGED BIODEGRADABLE MG-ZN ALLOY BY BALL BURNISHING PROCESS: MODELING AND ANALYSIS USING DEEP NEURAL NETWORK, Journal of Manufacturing Processes, Volume 68, Part A, 2021, Pages 423-434, ISSN 1526-6125.
7. Pramoda Kalkura , Puneeth Raj B , Suhas Kashyap N , Surya , Ms. Ramyashree , PEST CONTROL MANAGEMENT SYSTEM USING ORGANIC PESTICIDES, ScienceDirect, Global Transitions Proceedings (2021), DOI: <https://doi.org/10.1016/j.gltp.2021.08.058>, Volume 2, Issue 2, November 2021, Pages 175-180

8. Anusha Shetty, Charithra Kini T, Deepti Viola Barboza, Ashmitha Kalkur, Siju V Soman, DIABETIC RETINOPATHY DISEASE DETECTION USING MACHINE LEARNING, July 10 2021, Volume 4, Issue 3,1506-1509
9. Shetty Vighnesh Dhanraj, Swathi, Mahima M Wakwadi, Rashmi, Shrinivasa, PREDICTING THE BEST PRICE FOR CROPS AND SPICES USING MACHINE LEARNING, International Journal of Scientific Research and Engineering Development, Volume 4 - Issue 4, July - August 2021, ISSN: 2581 – 7175, Pages: 172-177
10. Anirudha B Shetty , Bhoomika , Deeksha , Jeevan Rebeiro , Ramyashree, FACIAL RECOGNITION USING HAAR CASCADE AND LBP CLASSIFIERS, ScienceDirect, Global Transitions Proceedings (2021), DOI: <https://doi.org/10.1016/j.gltip.2021.08.044> Volume 2, Issue 2, November 2021, Pages 330-335
11. Srivatsa Upadhya P, Shashank Nayak, Shreyas G Acharya, Ranjith, Shrinivasa, IDENTIFICATION OF WEEDS IN MAIZE CROP USING CNN, International Journal of Scientific Research and Engineering Development, Volume 4 - Issue 4, July - August 2021, ISSN: 2581 – 7175, Pages: 327-332

Conference Details

1. Deepthi G Pai and Yogeeshia Pai have presented a paper titled ANALYSIS OF BEAUFORT CIPHER AND IT'S USAGE IN PROVIDING THE DATA SECURITY IN CLOUD in the International conference on cyber intelligence and information retrieval CIIR 2021 organized by Institute of Engineering & Management Group, Kolkata on 20 May 2021.
2. Sahana, Sowmya S and Narendra V have presented a paper titled COMPARATIVE ANALYSIS OF BRAIN TUMOR SEGMENTATION WITH FUZZY C MEANS USING MULTI-CORE CPU AND GPU in the International conference on cyber intelligence and information retrieval CIIR 2021 organized by Institute of Engineering & Management Group, Kolkata on 20 May 2021.
3. C Gagan Babu, Yahya M H I Asadi, Poojary Shubham and Savitha A Shenoy have presented a paper on INNOVATIVE GAME BASED EDUCATIONAL APPLICATION FOR LEARNING in the the 12th international conference on computing, communication and networking technologies held at indian institute of technology, kharagpur during 6 – 8 July 2021.
4. Harshitha G M, Savitha A Shenoy, Aishwarya Kedlaya, Anjana and Aysha Sana have presented research paper titled OCEAN OF MOTION GRAPHICS in the ICETSEM-2021 organized by

Department of Electronics and Communication Engineering, GM Institute of Technology, Davangere held on 15 and 16 July 2021.

5. Ramyashree, Pramoda Kalkura, Puneeth Raj.B, Suhas Kshyap.N, and Surya have presented research paper titled PEST CONTROL MANAGEMENT SYSTEM USING ORGANIC PESTICIDES in the International Conference on Computing System and its Applications (ICCSA-2021) Organized by the Department of Computer Science and Engineering Acharya Institute of Technology Bengaluru, India on 16 July 2021.
6. Akhilalkshmi Bhat, Anupama, Mahima S Rao, Akshatha and Deepthi G Pai have presented research paper titled TRAFFIC VIOLATION DETECTION IN INDIA USING GENETIC ALGORITHM in the ICCSA-2021 organized by Acharya Institute of Technology, Bengaluru on 16 July 2021.
7. Ramyashree, Anirudha B. Shetty, Bhoomika, Deeksha and Jeevan Rebeiro have presented research paper titled FACIAL RECOGNITION USING HAAR CASCADE AND LBP in the International Conference on Computing System and its Applications (ICCSA-2021) Organized by the Department of Computer Science and Engineering Acharya Institute of Technology Bengaluru, India on 16 July 2021.
8. Anjana, Aishwarya Kedlaya. K, Aysha Sana,B. Apoorva Bhat, Sharath Kumar and Dr. Nagaraj Bhat have presented research paper titled AN EFFICIENT ALGORITHM FOR PREDICTING CROP USING HISTORICAL DATA AND PATTERN MATCHING TECHNIQUE in the International Conference on Computing System and its Applications (ICCSA-2021) Organized by the Department of Computer Science and Engineering Acharya Institute of Technology Bengaluru, India on 16 July 2021.
9. Shrihari Kallapur, Mahith Hegde, Adithya D Sanil, Raghavendra Pai and Sneha N S have presented research paper titled IDENTIFICATION OF AROMATIC COCONUTS USING IMAGE PROCESSING AND MACHINE LEARNING TECHNIQUES in the International Conference on Computing System and its Applications (ICCSA-2021) Organized by the Department of Computer Science and Engineering Acharya Institute of Technology Bengaluru, India on 16 July 2021.
10. Prajna U, Prajwal B.S, Shrinidhi N, Shree vidya Rao A and Rukmini Bhat B have presented research paper titled AGRIC: A QUALITY FARMING in the International Conference on Computing System and its Applications (ICCSA-2021) Organized by the Department of Computer Science and Engineering Acharya Institute of Technology Bengaluru, India on 16 July 2021.
11. Sowmya NH, Vandana Nayak, Pranav Nayak, Sampoorna and Aishwarya have presented research paper titled AGROXPRT- FARMER ASSISTANT in the International Conference on Computing

System and its Applications (ICCSA-2021) Organized by the Department of Computer Science and Engineering Acharya Institute of Technology Bengaluru, India on 16 July 2021.

12. Sowmya S, Sahana Karanth and Sharath Kumar have presented research paper titled PROTECTION OF DATA USING IMAGE WATERMARKING TECHNIQUE in the International Conference on Computing System and its Applications (ICCSA-2021) Organized by the Department of Computer Science and Engineering Acharya Institute of Technology Bengaluru, India on 16 July 2021.
13. Pallavi Kamath, Pallavi Patil, Shrilatha S, Sushma and Sowmya S have presented research paper titled CROP YIELD FORECASTING USING DATA MINING in the International Conference on Computing System and its Applications (ICCSA-2021) Organized by the Department of Computer Science and Engineering Acharya Institute of Technology Bengaluru, India on 16 July 2021.
14. Deepak Rao. M has participated and presented paper titled MANGO LEAF DISEASE DETECTION USING ADVANCED MACHINE LEARNING in International Conference on Global Convergence in Technology, Entrepreneurship, Computing and Value Engineering: Principles and Practices organized by Sapthagiri College of Engineering held on 16 July 2021.
15. Shashidhara R., Indushree M. and Sneha N.S. (2022) have presented paper titled Design of a Secure Blockchain Based Privacy Preserving Electronic Voting System in the 6th International Conference held at NMAMIT, Nitte during 25 – 26 September 2021.

Workshop Attended

1. Ms. Sowmya S, Ms. Ramyashree, Ms. Sahana, Ms. Harshitha G M, Ms. Yashaswini Jogi, Mr. Shrinivasa and Mr. Sharath Kumar attended Four Day Online Workshop was organized between 17 March 2021 and 20 March 2021 on the topic of “Natural Language Processing for Beginners” by the Department of Information Science and Engineering, WVCE, Mysuru.
2. Ms. Deepthi G Pai attended a Two-Day workshop on “PING 2.0.2.1 - Devops to Noops- an enterprise viewpoint”, organized by MIT Manipal from 26 March 2021 to 27 March 2021.
3. Ms. Deepthi G Pai attended One week online workshop on “artificial intelligence in vision and IoT” organized by Dept. of CSE, MNNIT Allahabad from 16 April 2021 to 20 April 2021.
4. Ms. Rukmini Bhat B and Ms. Harshitha G M attended “Conference Organizers Workshop” organized by IEEE Bangalore Section in association with IEEE Mysore Subsection and IEEE Mangalore Subsection on 16 May 2021.

5. Ms. Savitha A Shenoy attended AICTE sponsored One Week STTP on “Innovative Approaches in Teaching Pedagogy” from 31 May 2021 to 05 June 2021 at SCEM Mangaluru.
6. Ms. Deepthi G Pai attended Five Days National Level Skill Development Program from 14 June 2021 to 18 June 2021 held at A J Institute of Engineering and Technology Mangaluru.
7. Ms. Deepthi G.Pai has participated in two-day workshop on “Mobile Application Development” organized by Department of Information Science and Engineering, WVCE, Mysuru, on 20-21st Sept, 2021.

Faculty Development Programme Attended

1. Mr. Venugopal Rao A.S has attended 12 days Faculty Development Programme on ENTREPRENEURSHIP AND INNOVATION sponsored by Dayananda Sagar Academy of Technology and Management, Bangalore held from 22 February to 06 March 2021.
2. Ms. Harshitha G M has participated in 14 days online FDP on ENTREPRENEURSHIP (Supported by Department of Science and Technology, Government of India) organized by Manipal Universal Technology Business Incubator and Manipal Institute of Technology during 01 – 13 March 2021.
3. Ms. Sowmya. S and Ms. Ramyashree have attended 3 days Faculty Development Programme on MOBILE APPLICATION DEVELOPMENT organized by Yenapoya Institute of Technology, Moodabidri during 29-31 March 2021.
4. Ms. Harshitha G M has participated 5 days online FDP on the theme INCULCATING UNIVERSAL HUMAN VALUES IN TECHNICAL EDUCATION organized by All India Council for Technical Education (AICTE) during 17-21 May 2021.
5. Ms. Deepthi G Pai has participated 5 days online FDP on Technological Leadership for INCLUSIVE DIGITAL SOCIETY organized by Sikkim manipal institute of technology, Sikkim during 01-05 June 2021.
6. Ms. Ramyashree has participated AICTE Training and Learning (ATAL) Academy Online Elementary FDP on RECENT TRENDS IN SOFTWARE TESTING organized by Vishwakarma Government Engineering College, Chandkheda during 12-16 June 2021.
7. Ms. Harshitha G.M attended five days National Level Virtual Faculty Development Program on Research Perspectives on Data Science and Deep Learning from 12 – 16 July 2021.

8. Ms. SNEHA N S participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Practical insight into key concepts of Blockchain" from 12 – 16 July 2021 at Ramaiah Institute of Technology.
9. Ms. Deepthi G has participated in Three days Faculty Development Program on "Zero Coding:Data Analytics and Machine Learning for IoT Automation" organized by Department of CSE(Artificial Intelligence and Machine Learning), Vidyavardhaka College of Engineering, Mysuru from 22 - 24 July 2021.
10. Ms. Rukmini Bhat B participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Recent Advances and Trends in Lightweight Cryptography for IoT Security and Blockchain Technologies" from 27 – 31 July 2021 at University Institute of Technology, Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal.
11. Ms. Sowmya participated in Five Days Online FDP on "Emerging Trends in Computation" in association with Cisco Systems (India) Private Limited, Bangalore during 2 – 6 August 2021 organized by Department of CSE, ISE and MCA, M S Ramaiah Institute of Technology, Bangalore, India.
12. Ms. Savitha A Shenoy and Ms. Sahana have participated and successfully completed the Five days online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 2 - 6 August 2021.
13. Mr. Sharath Kumar, Ms. Sowmya S and Ms. Sowmya have participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Research and Innovation for Growth" from 23 – 28 August 2021 at BNM Institute of Technology.
14. Ms. Harshitha G M attended all the sessions of Six days faculty development program on "AI in Real Life". This FDP was organized by the Department of CSE, PESITM Shivamoga in association with the IEEE PESITM Student branch from 30 August 2021 to 03 September 2021, & 07 September 2021.
15. Ms. Ramyashree participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Signal Processing and Machine Learning Techniques: Emerging Trends" from 06 – 09 September 2021 at SANT LONGOWAL INSTITUTE OF ENGINEERING AND TECHNOLOGY.
16. Ms. Sharath Kumar participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "IoT & Cyber Security" from 06 – 09 September 2021 at Institute of Engineering & Management..

17. Ms. Sharath Kumar participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "IoT with Smart City" from 13-17 September 2021 at Government Polytechnic Daman.
18. Ms. Savitha A Shenoy participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Internet of Things" from 13-17 September 2021 at J C Bose University of Science and Technology YMCA.
19. Ms. Rukmini Bhat B and Ms. Sneha N S have participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Big Data and Analytics" from 20-24 September 2021 at BNM Institute of Technology.
20. Mr. Shrinivasa, Ms. Sahana, Ms. Ramyashree, Ms. Sowmya and Ms. Sowmya S participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Fog and Edge Computing Challenges and Research Directions" from 25-29 September 2021 at National Institute of Technology Sikkim.

Webinar/Seminar Attended

1. Ms. Ramyashree, Ms. Sahana and Ms. Sowmya S attended "Health Awareness Program" at SMVITM on 03 March 2021, as a part of celebration of Janaushadhi week organized by NSS Unit of the institute.
2. Mr. Siju V Soman participated in the online training on "Value of IEEE Publications in Research and Career Development" on 25 March 2021 organized by Kalasalingam Academy of Research and Education.
3. Ms. Rukmini Bhat participated in "The Guinness World Record Event- Most users to take an online computer programming lesson in 24 hours" on 24 - 25 April 2021
4. Ms. Harshitha G M and Ms Rukmini Bhat B. attended a talk on "Careers in Cyber Security" on 15 May 2021, organized by Sahyadri College of Engineering & Management Mangaluru.
5. A webinar on "Basics of Personal Finance" by Shri R K Rao, SMVITM was organized by SMVITM on 27 May 2021. Ms. Ramyashree, Ms. Rukmini Bhat B and Ms. Savitha A Shenoy attended this.
6. A webinar titled "BUSINESS MODEL CANVAS" was jointly organized by the Institution's Innovation Council & Entrepreneurship Development Cell of the institute. Ms, Harshitha G M, Ms. Ramyashree, Ms. Rukmini Bhat B., Ms. Savitha A Shenoy and Mr. Venugopala Rao A.S attended this webinar.

7. On 31 May 2021, a webinar on the topic “Harmful effects of smoking tobacco in any form” was organized by NSS unit and counselling cell of the institute. Ms. Ramyashree, Ms. Rukmini Bhat B., Ms Savitha A Shenoy, Mr. Siju V Soman and Mr. Venugopala Rao A.S attended this.
8. An awareness program on “NATIONAL INNOVATION AND STARTUP POLICY” was organized by Innovation Council & Entrepreneurship Development Cell of the institute on 02 June 2021. Dr. Nagaraj Bhat, Ms. Sahana, Ms. Savitha A Shenoy, Mr. Siju V Soman, Ms. Ramyashree, Ms. Rukmini Bhat B., Ms. harshitha G. M. attended this.
9. Dr. Nagaraj Bhat attended the webinar on “Implementation of NEP - 2020 in Technical institutions, VTU” organized by VTU Belagavi on 02 June 2021.
10. Ms. Rukmini Bhat B. attended the webinar on “How to make Online Teaching effective?” organized by BITES in association with DSU, Bengaluru on 02 June 2021.
11. Ms. Ramyashree attended a webinar on 05 June 2021 organized by The department of Civil Engineering in association with the Eco Club on account of “World Environment Day”
12. Ms. SNeHa N S attended a webinar on "R Programming" hosted by Dept. of ISE, C.Abdul Hakeem College of Engineering and Technology on 08 June 2021.
13. On 09 June 2021, a webinar on "Deep Neural Network for Image Recognition" was hosted by the Research Review Cell of the department. Dr. Nagaraj Bhat, Ms. Savitha A Shenoy, Mr. Manjunatha A S, Ms. Ramyashree, Ms. Harshitha G M, Ms. Yashaswini Jogi, Ms. Rukmini Bhat B, Ms. Sahana, Ms. Deepthi G Pai and Mr. Sharath Kumar attended the same.
14. YRC Unit of the institute has organized a webinar on 14 June 2021 on account of World Blood Donor’s Day. Ms. Rukmini Bhat B attended the webinar.
15. On 07 July 2021, a webinar on “Research Perspective on Blockchain Technology” organized by the Research Review cell of the Department. Dr. Nagaraj Bhat, Ms. Ramyashree, Mr. Sharath Kumar, Mr. Deepak Rao M, Ms. Deepthi G Pai, Ms. Rukmini Bhat B attended the same.
16. Ms. Deepthi G Pai has participated in One Day Webinar on "Artifact Innovation and Development using Additive Manufacturing and IoT" organized by the Department of Mechatronics, Manipal Institute of Technology, Manipal on 23 July 2021.
17. Ms. Sowmya has participated in the Webinar on “Reimagining IT Education in Atmanirbhar Bharat” Organised by Department of Computer Science and Engineering in association with BiTES, Bengaluru on 13 September 2021.
18. Ms. Ramyashree, Mr. Sharath Kumar, Ms. Sahana, Ms. Harshitha G M and Ms. Savitha A Shenoy have participated in the webinar on the topic of “Protecting the ozone layer and combating

climate change” organized by Department of Chemistry in association with ISTE Faculty chapter of the Institute on 16 September 2021.

MooC Courses

1. Ms. Savitha A. Shenoy, Ms. Ramyashree, Ms. Harshitha G.M, Mr. Sharath Kumar, Ms. Sowmya. S and Ms. Sahana have successfully completed “Machine Learning for All” an online non-credit course authorized by University of London and offered through Coursera on 17 March 2021.
2. Ms. Yashaswini Jogi has successfully completed “Learn To Program: The Fundamentals” an online non-credit course authorized by University of Toronto and offered through Coursera on 18 March 2021.
3. Ms. Dhanya Shenoy has successfully completed “Blockchain Basics” an online non-credit course authorized by University at Buffalo, The State University of New York and offered through Coursera on 05 June 2021.
4. Ms. Dhanya Shenoy has successfully completed and awarded Elite “Introduction to Machine Learning” online certification course offered through NPTEL on 26 June 2021.



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