DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

NEWSLETTER

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CHIEF EDITOR

Dr. Soumya J. Bhat
HoD, CSE

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**Ms. Payal Sudhakar Chaudhary
assistant Professor**

**Mr. Deepak Rao M
Assistant Professor (Sr.)**

Our Vision

To be recognized as a center of excellence in the field of Computer Science and Engineering imparting holistic education catering the needs of the society.

In This Issue

Our Mission

- Impart knowledge by providing a healthy learning environment.
- Encourage the zeal to be updated in technology front and abide by ethical and moral values.
- Engage in result oriented research and innovation to cater the societal needs.

Message from HoD

Greetings from the Department of Computer science and Engineering! On behalf of faculty members, staffs and students of the department of computer science and engineering, SMVITM, I welcome you all for the creative world of CSE. I personally believe that CSE discipline has been generally accepted as an important source and technique for enhancement in all realms of human life, both now and in the future. In the department, every student is given the chance to participate in their academic activities. This is the department where graduates publish articles in the most reputed international journals, while at the same time, students are encouraged to gain some recognition through extra-curricular or co-curricular activities. The department is associated with several associations like IEEE, ISTE etc, through that students will get a great platform to exhibit their talents. Students are expected to pursue ambitious assignments and to publish their work in different international journals. All students are taught to pursue an ideology that does not place limitations on their abilities to learn. The submissions of our students to numerous academic forums have demonstrated the earnest efforts of their professors at several stages. The Department puts a great focus on delivering practical education by properly handling the proper lab work to supplement their theoretical understanding. At the department, professors are committed to training students for a more substantial challenge ahead and nurturing them to create a solid base for the next step so that they can even exceed teachers and become more valuable to society.

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 and to 180 from the academic year 2022-23. 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.

PEO's Program Educational Objectives

PEO 1:   The fundamental knowledge in Computer Science and Engineering to work in diverse fields of Computer Science and Engineering Industry.

PEO 2:   Ability to express and demonstrate the technological skill-set to arrive at a solution to the real-world problems

PEO 3:   Be effective contributors in a team, for multidisciplinary projects with effective interaction amongst peers.

PEO 4:   The zeal of being updated in technology front through continuous learning.

PO's Program Outcomes

PO 1   Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2   Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3   Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4   Conduct investigation of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO 5   Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO 6   The engineer and society: Demonstrate the ability of using acquired knowledge to analyze and solve societal issues.

PO 7	Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
PO 8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO 9	Individual and team work Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO 10	Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO 11	Project Management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO 12	Life-long learning: recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcome

PSO1: Be able to design, implement, test and evaluate a computer system, component or algorithm to solve a real world problem using appropriate data structures.

PSO2: Be able to successfully adapt to the changes in the field of computer science & engineering for both personal and professional growth.

Activates organized by the department

Hands on workshop on Programming skills development:

The Department of CSE conducted a hands-on workshop on "Programming Skills Development" for the benefit of 3rd semester students from February 20 to 24, 2023.

The main objective of this course of study is to build on the skills gained by students in Object-Oriented Programming Fundamentals and help advance Java and C++ programming skills. Students will create object-oriented programmes and design object-oriented applications in Java and C++ using hands-on, engaging activities. The five-day course focused on object-oriented programming concepts, which assisted third-semester students in bridging the gap between the lower and upper semesters.

The course instructors for the training programme were Ms. Yashaswini Jogi, Mr. Deepak Rao, Mr. Sharath Kumar, Ms. Sowmya S., Ms. Savitha Shenoy A., and Ms. Sowmya NH, all senior assistant professors in the CSE Department. Totaling 121 participants, they received hands-on training with respect to object-oriented programming using C++ and Java.

The valedictory session took place on February 24, 2023. Based on assessment and active participation, a few students were identified as "best performers." Dr. Soumya J. Bhat, Associate Professor and Head, Dept. of CSE, handed out tokens of appreciation for Mr. Claton Robert Dsouza, Ms. Devadiga Trupti, Mr. G. Chinmay, Mr. Rohav V., Ms. Vaishnavi Rao B., and Ms. Yuktha.

The training program was coordinated by Ms. Yashaswini Jogi, Assistant Professor (Sr.), CSE Department.

FDP on - Healthcare Analytics

The inaugural function of Five Days Faculty Development programme on "Health Care Analytics" organized by Department of Computer Science & Engineering of Shri Madhwa Vadiraja Institute of Technology and Management in association with Biomedical Engineering Society of India and Indian Society for Technical Education was held on 09th January 2023. The faculty development programme is devoted to address the need of technological developments in data science and its allied fields. The aim of this FDP is to create an awareness on the usage of analytics and importance of security in the healthcare domain. Mr Somnath Jogi, Director, Kambala Solutions, Mangaluru was the chief Guest. He told that Learning is a continuous process and such faculty development programmes will help in improving the skillset. Such programmes have huge benefit as the knowledge acquired by the faculties can be imparted to the student fraternity. Shri RathnaKumar, Secretary, Shri Sode Vadiraja Mutt Education Trust Udupi was the Guest of Honor. He told that there is engineering behind every medical research happening in the present. He also told that such FDP's not only enrich the minds of the faculty but also give them new horizons to work in and it should be done regularly. Dr Thirumaleshwar Bhat was the president of the event. He appreciated the efforts of the computer science Department

for organizing FDP on Health Care which is the need of the present days. Dr Ganesh Aithal, Vice Principal SMVITM was also present on the occasion. Dr Soumya J Bhat, HOD, Department of Computer Science & Engineering welcomed the gathering. Mr. Raghavendra I. Hegde, Department Coordinator of ISTE coordinated the event and introduced the

Chief Guest. Mrs. Preethi M Assistant Professor from Department of Computer Science & Engineering proposed the vote of Thanks. Mrs. Savitha A Shenoy, Senior Assistant

Professor from Department of Computer Science & Engineering was the master of Ceremony for the inaugaral programme.

Valedictory function was commenced at 12.30PM on 13th Jan 2023 at CC III, admin block and Prof. Dr. Ganesh Aithal, Vice Principal, SMVITM Udupi, addressed the gathering. He spoke about the importatance of such sessions and appreciated and thanked all the resource persons and organizing committee of the event. Participants shared their valuable feedbacks. Certificates were distributed to participants by Mrs. Suparna Shetty, Managing Director – Eterna Infotech. HOD of Computer Science and Engineering Dr. Soumya J. Bhat was present during the event.Mrs. Preeti M. was the master of ceremony for the valedictory function.

Dr. Thirumaleshwara Bhat – Principal, Dr. Ganesh Aithal – Vice Principal, Dr. Sudarshan Rao – Dean (IQAC) were the advisory committee members for this 5 days Faculty Development Program on 'Health Care Analytics'. Dr. Soumya J. Bhat – HOD, Dept. of CSE was the FDP Coordinator. Mrs. Savitha Shenoy, Mrs. Preeti M, Mr. Raghavendra I. Hegde – Assistant Professor(s), Dept. of CSE, Mrs. Gowri T. Bhat – Foreman, Dept. of CSE were the organizing committee members.

Workshop on Data Analysis with Pandas:

One day workshop on **"Data Analysis with Pandas"** was organized by the Co-curricular/Extra-Curricular Committee along with the Placement cell of the Department of Computer Science & Engineering on 05-12-2022. Total 28 interested students from Department of Computer Science & Engineering and Department of Electronics and Communication participated in the workshop.

The workshop was conducted by Cranes Varsity as a part of their CSR Activity. Mr. Mallesh and Mr.Bhoj were the resource persons.

The purpose of the event was to give an insight to the new technologies introduced in the Industry.In the most diverse segments of the market, data analysis is a procedure that has revolutionized modern society.It consists of using technology to process large volumes of information in a few seconds and generate relevant insights for strategic decision-making.Pandas is a Python library that provides extensive means for data analysis

During the valedictory programme Dr Soumya J Bhat Bhat, HOD of Computer Science & Engineering appreciated the efforts of the resource persons for giving an exposure on Data Analysis to the students in a short span of one day.

Ms. Savitha A Shenoy, coordinator of Co-Curricular/Extra-Curricular committee coordinated the event. Ms. Dhanya Shenoy, Placement Cell Coordinator of Computer Science & Engineering proposed the vote of thanks.

Peer learning workshop on "Android application development".

Computer Science and Engineering Department in association with ISTE cell conducted the Peer Learning Workshop on "Android Application Development" on 21st and 22nd November 2022 from 10.00 AM to 4.30 PM at Lab CC3, 3rd Floor, Admin Block, SMVITM.

Dr. Sowmya J Bhat, HOD of CSE gave the inaugural address. She spoke about the significance of the peer learning session and gave insights on the importance of the topic for the creation of a good Android Application. Students from 7th semester CSE namely Ms. Shrutha V. Bhat, Mr. Vikram G Thunga, Mr. Vishwas Prabhu and Mr. Yajnesh, were the resource persons for the event. They gave the participants significant insights on the basics of Android application development, Hands-on experience on layouts, navigation, connection to internet, data persistence, work manger and much more. They also taught the participants about the purpose of using XML, Java various features that are available in Android Studio, and gave some essential tips and tricks to code quickly and efficiently. They also described the project

that the participants would finally be able to build after learning about the topic. Mr. Thejas S S, Student from 7th semester CSE was the Master of Ceremony.

Mr. Raghavendra Hegde, Assistant Professor, Department of CSE gave the introduction about the objectives of the workshop. Mr. Kartik Shanbhag, Student, 5th semester CSE gave the vote of thanks. Mr. Sujith Prabhu, Mr. Thejas S S, Mr. Sampath Kumar M G and Ms. Shreeraksha, Students, 7th semester CSE were coordinated as volunteers for the smooth conduction of the event.

Mr. Raghavendra Hegde, Assistant Professor, Department of CSE, Ms. Shrutha V Bhat, ISTE student chapter coordinator and Mr. Karthik Shanbhag, Active member of ISTE student chapter were the overall coordinators for this event.

Insights of Campus Placement Drives:

The Department of Training and Placement of SMVITM organized a one-week intensive training program for the final year students with the objective of orienting them towards the preparation for the upcoming campus recruitments. During this program, several expert trainers from neighboring institutions and experts from industry addressed the students as resource persons.

Campus Chat with Alumni

The event was hosted by Mr. Raunak Choudhary Tata Consultancy Services Pvt. Ltd Mr. Ashutosh Kumar, AWS Developer and alumni of 2017-21 batch on 15 October 2022. 106 students participated in the event held on 1 October 2022

Insights of Campus Placement Drives

The event was hosted by Bharghavram Udupa alumni of 2018-22 batch who is currently working at Robosoft Technologies, on 15 October 2022

Hands-on workshop on PHP with MySQL

Event was organized by Seventh semester student Vaishnavi D, Vaishnavi V Bhat,Vishwas Prabhu, Rakshith H Kalmadi, Rakshith Acharya, Raksha B Kottari ,Aryan S Batny, T Sreesha and Abhishek Hegde" and 111 student participated in the event held on 18 November 2022

Workshop on Data Analysis with Pandas

The event was organized by Cranes Varsity on 5 December 2022, Mr. Mallesh and Mr.Bhoj from Cranes Varsity were the resource person and 38 CSE students participated in the event.

Orientation Program on Cloud Computing

The event was organized by desiCloud on 6 December 2022, Mr.Vijayanand Gurudev from desi Cloud was the resource person and 104 CSE students participated in the event

Peer learning workshop on "Android application development"

The event was conducted by Seventh Semester CSE students Shrutha V Bhat, Vishwas Prabhu, Vikram Girish Thunga, Yajnesh were the resource persons and 36 participated in the event held on 11 and 12 December 2022

Tech Talk cum Hands-on session on ReactJS

The event was organized by the department and Mr. Praveen Castelino, CTO, Codecraft technologies and Mr. Rahul Kakkadan, Frontend developer, Codecraft Technologies were the resource persons for the event held on 17 December 2022

Placed students of 2022-23

Sl. No.	Name of the Company	Name of the Student	Position
1	Techologics Global Pvt. Ltd., Bengaluru	AKASH G S KUMAR	Intern - Trainee Engineer
2	Kyndryl India Pvt. Ltd., Bengaluru	ANJALI	Technical Engineer
3		ANJALI SHET	Technical Engineer
4		ANUSHA (SATHISH)	Technical Engineer
5		DEEKSHA SHETTIGAR	Technical Engineer
6		JELENA RIYA LEWIS	Technical Engineer
7		MOAZZAMI MUKTHAR AHMED	Technical Engineer
8		NIVEDITHA NANDA KUMAR	Technical Engineer
9		PURVASH P GANGOLLI	Technical Engineer
10		RANJANI	Technical Engineer
11		REON BRITTO	Technical Engineer
12		SARDAR AFIFA	Technical Engineer
13		SHREYA S (B SANTHOSH KUMAR)	Technical Engineer
14		SHRUTHA V BHAT	Technical Engineer
15		SRUSHTI H RAO	Technical Engineer
16		SUKANYA SHOBHANAND NAIK	Technical Engineer
17		VAISHNAVI D	Technical Engineer
18		VAISHNAVI K R	Technical Engineer
19		VAISHNAVI V BHAT	Technical Engineer
20	Juego Studios Pvt. Ltd., Bengaluru	KARTHIK H AMIN	Trainee Software Engineer Level 2
21		SUJITH PRABHU	Trainee Software Engineer Level 1
22		VISHWAS PRABHU	Trainee Software Engineer Level 1
23	Trianz, Bengaluru	NABEEHA BANU	Software Engineer
24	Hexaware Technologies Bengaluru	GOUTHAM N SHET	GET
25	AceMicromatic Manufacturing Intelligence Technologies Pvt. Ltd., Bengaluru	ADITHYA M SAMAGA	Software Engineer Trainee
26		SWASTHIK M ACHARYA	Software Engineer Trainee

27	Robosoft Technologies Pvt. Ltd., Udupi	GAURAV ACHARYA	Trainee Software Engineer
28		MANISH PRAKASH SHRIYAN	Trainee Software Engineer
29	ThoughtFocus Information Technologies Pvt. Ltd., Bengaluru	GOUTHAM N SHET	GET
30	Mangalore Infotech Solutions Pvt. Ltd., Mangalore	RAKSHITH H KALMADI	Software Engineer
31		SAMPATH KUMAR M G	Software Engineer
32		VIKRAM GIRISH THUNGA	Software Engineer
33	Hewlett Packard Inc, Bengaluru	ANANTHA KRISHNA RAMACHANDRA	Software Engineer
34	SKOLAR Bengaluru	VARUN	Business Development Intern
35	SKOLAR Bengaluru	AKASH	Business Development Intern
36		AKASH G S KUMAR	Business Development Intern
37		ARYAN S BATNY	Business Development Intern
38		CHAITRA S SHETTY	Business Development Intern
39		DISHASHREE	Business Development Intern
40		JEEVITHA	Business Development Intern
41		KAVYA	Business Development Intern
42		M SOWMITHA PAI	Business Development Intern
43		NISHMITHA	Business Development Intern
44		SHRADDHA B CHATRA	Business Development Intern
45		T SREESHA	Business Development Intern
46		UTTAM NAIK	Business Development Intern
47	HashedIn by Deloitt., Bengaluru	RAKSHITH H KALMADI	Software Engineer
48	Kambala Solutions Pvt. Ltd., Mangaluru	HARIPRASAD BHAT K	Software Engineer
49		KEERTHAN K KARKERA	Software Engineer
50		NITHANTH MARATE	Software Engineer
51		TEJAS S S	Software Engineer
52	Lekha Wireless Solutions Pvt Ltd., Bengaluru	AVANTI V RAO	Engineer - Trainee
53		PRASANNASHREE	Engineer - Trainee

Placed students of 2023-24 *

Sl. No.	Name of the Company	Name of the Student	Position
1	AMIGO Softcom Llp., Gurgaon, Haryana	Karthik Shanbhag	Software Development Engineer - Intern
2	Robosoft Technologies Pvt. Ltd., Udupi	Gajendra S Kundar	Trainee Software Engineer
3		Rathan R Nayak	Trainee Software Engineer
4		Venkatesh Bhat	Trainee Software Engineer
5	Juego Studios Pvt. Ltd., Bengaluru	Sheikh Mohammed Shuhood	Trainee Software Engineer Level 2
6		Shetty Sainath Bhaskar	Trainee Software Engineer Level 3
7	Trianz, Bengaluru	Bhavana Radhakrishna Bhat	Software Engineer
8		Dheeraj Kumar	Software Engineer
9		Manvitha Bhat	Software Engineer
10		Naveen	Software Engineer
11		Naveen Krishna Gond	Software Engineer
12		Shadwal C Rao	Software Engineer
13		Shetty Sainath Bhaskar	Software Engineer
14		Shravya	Software Engineer
15		Sindhura	Software Engineer
16	Mangalore Infotech Solutions Pvt. Ltd., Mangalore	Karthik Shanbhag	Software Engineer
17		Shadwal C Rao	Software Engineer
18		Shridhar	Software Engineer
19		Chandana	Software Engineer Intern
20		Clinton Justin Noronha	Software Engineer Intern
21	Rinex Technologies Private Limited Mangalore	Ruha Asmi	Inside Sales Strategist
22		Adarsh p patil	Inside Sales Strategist
23	AceMicromatic Manufacturing Intelligence Technologies Pvt. Ltd., Bengaluru	PRATHIBHARANI	Software Engineer - Trainee
24		Raksha	Software Engineer - Trainee

25		MOHAMED SANAN	Software Engineer Intern
26		PRATHIBHARANI	Software Engineer Intern
27		ROYSTON SIMON D'ALMEIDA	Software Engineer Intern
28	Mangalore Infotech Solutions Pvt. Ltd., Mangalore	Sheema Salah Shaikh	Software Engineer Intern
29		Sherigar Pradwin Madhava	Software Engineer Intern
30		SHREYAS PRABHU	Software Engineer Intern
31		Sourav	Software Engineer Intern
32		Sudheendra Prabhu	Software Engineer Intern
33		Manvitha Bhat	Software Engineer Intern
34	Kambala Solutions Pvt. Ltd., Mangaluru	AARON SHARON DSOUZA	Software Engineer
35	Hewlett Packard Inc, Bengaluru	Raksha	Software Engineer - Trainee
36		ANKITHA NAYAK	Managed Network Expert
37		KARTHIK SHANBHAG	Managed Network Expert
38		M RASHMI MAIYA	Managed Network Expert
39	Chegg India Pvt. Ltd., New Delhi	MAMATA HADIMANI	Managed Network Expert
40		PRATHIBHARANI	Managed Network Expert
41		SHRAVYA K MENDON	Managed Network Expert
42		AAQIB KHAN	Managed Network Expert
43		ANKITHA NAYAK	Business Development Executive
44		ASHWITH R POOJARY	Business Development Executive
45		PRITHVIRAJ SHRIDHAR BHAT	Business Development Executive
46		BHOOMIKA K BAADKAR	Business Development Executive
47		DEEPTI	Business Development Executive
48	Academor, Bengaluru	DHRISHYA SHETTY	Business Development Executive
49		MISSBAH BANU MUNEER	Business Development Executive
50		N PRANAVA	Business Development Executive
51		PETER CAETANO JOAO	Business Development Executive
52		SANJANA KV	Business Development Executive
53		SUMITH NAIK	Business Development Executive

54		Adithya M Acharya	Intern
55		Bhoomika K Baadkar	Intern
56		Gajendra S Kundar	Intern
57		Harsha Sridhar Kundar	Intern
58	Palle Technologies, Bengaluru	Peter Caetano Joao	Intern
59		Pratheek P Nayak	Intern
60		SHRIRAKSHA	Intern
61		Swaroop Kumar	Intern
62		Vijayakumara Girimalla Biradara	Intern

Faculty development Program Attended by the faculty

Faculty name	FDP Details (Title, Organizer)
Ms. Vandana U	Robotics & Artificial Intelligence, AICTE-VTU
Ms. Rukmini Bhat B	AICTE-VTU Joint Teachers training Programme on "Introduction to Python Programming & its Applications".
Ms. Sowmya N H	AICTE-VTU Joint Teachers training Programme on "Introduction to Python Programming & its Applications", VIAT, Muddenahalli, Chikkaballapura
Mr. Sharath Kumar	AICTE-VTU Joint Teachers training Programme on "Introduction to Python Programming & its Applications"
Ms. Sahana	Introduction to Python Programming & its Applications,,AICTE – VTU Joint Teachers Training Programme
Mr. Raghavendra Hegde	Introduction to Python Programming and its applications -AICTE-VTU joint Teachers Training Programme
Ms. Chaithra	AICTE–VTU Joint Teachers Training Programme on "Introduction to Python Programming & its Applications"
Ms. Yashaswini A S	AICTE-VTU Joint Teachers training Programme on "Introduction to Python Programming & its Applications"
Mr. Sadanada L	Introduction to Python Programming & its Applications
Ms. Vjetha Achar	"Introduction to Python Programming & its Applications"
Ms. Vandana U	UHV-1 , AICTE
Mr. Raghavendra Hegde	Healthcare Analytics - organized by Dept. of CSE, SMVITM
Ms. Savitha A Shenoy	Health Care Analytics, Dept of CSE, SMVITM
Ms. Dhanya Shenoy	UGC-AICTE Incorporating Universal Human Values in Education(A joint initiative of UGC and AICTE)
Ms. Yashaswini A S	AICTE

Ms. Vjetha Achar	"Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE) from 17th October to 21st October 2022
Ms. Chaithra	"Inculcating Universal Human Values in Technical Education",AICTE
Ms. Rukmini Bhat B	"Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE)
Ms. Preethi	"Inculcating Universal Human Values in Technical Education
Ms. Soundarya R	AICTE
Dr. Sowmya J Bhat	Inculcating Universal Human Values in Technical Education
Ms. Vjetha Achar	Inculcating Universal Human Values in Technical Education"
Dr. Sowmya J Bhat	FDP "UTKARSH" Organized by IQAC in Association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management,BantakalTE
Ms. Chaithra	FDP "UTKARSH" Organized by IQAC in Association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management,BantakalTE
Mr. Raghavendra Hegde	FDP "UTKARSH" Organized by IQAC in Association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management,BantakalTE
Ms. Sowmya N H	"UTKARSH" organized by IQAC in association with ISTE Faculty chapter of SMVITM, Bantakal
Ms. Vjetha Achar	FDP "UTKARSH" Organized by IQAC in Association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management,BantakalTE
Ms. Soundarya R	5 DAYS FACULTY DEVELOPMENT PROGRAM "UTKARSH", SMVITM, BANTAKAL
Ms. Yashaswini A S	FDP "UTKARSH" Organized by IQAC in Association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management,BantakalTE
Mr. Sadanada L	FDP "UTKARSH" Organized by IQAC in Association with ISTE Faculty Chapter of Shri Madhwa Vadiraja Institute of Technology and Management,BantakalTE

Mr. Sharath Kumar	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by AICTE
Ms. Sowmya N H	UHV Organized by AICTE
Ms. Yashaswini Jogi	5-day online FDP on the theme "Inculcating Universal Human Values in Technical Education" organized by All India Council for Technical Education (AICTE)
Ms. Sowmya S	Inculcating Universal Human Values in Technical Education, AICTE, New Delhi
Ms. Sowmya S	Inculcating Universal Human Values in Technical Education, AICTE
Mr. Sharath Kumar	A Five Day National Level FDP on "CRYPTOCURRENCY, BLOCKCHAIN &CYBER SECURITY" organized by Department of

	Commerce and Department of Computer Science, KMM College of Arts and Science, Thrikkakara
Ms. Yashaswini Jogi	"CRYPTOCURRENCY, BLOCKCHAIN &CYBER SECURITY" organized by Department of Commerce and Department of Computer Science, KMM College of Arts and Science, Thrikkakara
Ms. Sowmya N H	"CRYPTOCURRENCY, BLOCKCHAIN &CYBER SECURITY" organized by Department of Commerce and Department of Computer Science, KMM College of Arts and Science, Thrikkakara
Ms. Sahana	Cryptocurrency,Block chain and Cyber security,by Department of Commerce and Department of Computer Science, KMM College of Arts and Science, Thrikkakara
Ms. Sowmya S	Crypto Currency, Block Chain and Cyber Security, Department of Commerce nad Department of Computer Science, KMM College of Arta and Science, Thrikkakara
Mr. Sharath Kumar	one week Faculty Development Program on "Amazon Web Services" Organized by the Department of CSE, GMR INSTITUTE OF TECHNOLOGY, RAJAM in collaboration with BRAINOVISION SOLUTIONS INDIA PVT.LTD, CSI & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION - AICTE
Ms. Yashaswini Jogi	Amazon Web Services"Organized by the Department of CSE, GMR INSTITUTE OF TECHNOLOGY, RAJAM in collaboration with BRAINOVISION SOLUTIONS INDIA PVT.LTD, CSI & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION - AICTE
Ms. Sowmya N H	Amazon Web Services"Organized by the Department of CSE, GMR INSTITUTE OF TECHNOLOGY, RAJAM in collaboration with BRAINOVISION SOLUTIONS INDIA PVT.LTD, CSI & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION - AICTE
Ms. Sahana	Amazon web services,Dept of CSE, GMR Institute of Technology , AICTE
Ms. Yashaswini Jogi	Stress Management
Ms. Sowmya N H	Stress Management
Ms. Sowmya S	Amazon Web Services, Department of CSE, GMR Institute of tewchnology, Rajam
Ms. Yashaswini Jogi	21st Century Skills for Teaching & Learning(CSTL-2022) organized by Department of Computer Science and Engineering of GMR Institute of Technology
Mr. Sharath Kumar	One Week Online Faculty Development Programme on "21st CENTURY SKILLS FOR TEACHING & LEARNING (CSTL-2022)" organized by the Department of Computer Science and Engineering of GMR Institute of Technology
Ms. Sowmya N H	21st Century Skills for Teaching & Learning(CSTL-2022) organized by Department of Computer Science and Engineering of GMR Institute of Technology
Ms. Sahana	21st century skills for teaching and learning(CSTL-2022),Dept of CSE of GMR Institute of Technology
Ms. Savitha A Shenoy	21st Century Skills for Teaching and Learning, GMR Institute of Technology
Ms. Sahana	Stress Management, NPTEL AICTE

Ms. Soundarya R	ECE Department of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal.
Ms. Vjetha Achar	Natural Programming Language
Ms. Vjetha Achar	Faculty Development Program on Natural language processing
Ms. Rukmini Bhat B	"Natural Language Processing", "SMVITM"
Ms. Dhanya Shenoy	Natural Language Processing (SMVITM)
Ms. Savitha A Shenoy	"An Overview of Teaching Techniques in Data Science and Analytics", VTU Human Resource Development Centre
Ms. Sahana	An Overview of Teaching Techniques in Data Science and Analytics by VTU Human Resource Development Centre (VTU - HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur
Ms. Sowmya N H	"An Overview of Teaching Techniques in Data Science and Analytics" Organized by VTU Human Resource Development Centre, Centre for PG Studies , VIAT, Muddenahalli, Chikkaballapur

Faculty Publication

Faculty Name	Publication Details
Ms. Savitha A Shenoy	Anusha, MIT Manipal, Savitha A Shenoy, SMVITM, Bantakal, Harish S V, MIT, Manipal, "A Study To Detect Emotions From Twitter Text Using Machine Learning Algorithms"
Mr. Shrinivasa	A Review on Chronicle of Cloud Computing Security and Storage Environment Models
Dr. Nagaraj Bhat	Chowdari, K. K., Deb Barma, S., Bhat, N., Girisha, R., Gouda, K. C., & Mahesha, A. (2023). Trends of seasonal and annual rainfall of semi-arid districts of Karnataka, India: application of innovative trend analysis approach. Theoretical and Applied Climatology, 152(1-2), 241-264.
Mr. Shrinivasa	HEALTH MONITORING BASED COGNITIVE IOT USING FAST MACHINE LEARNING TECHNIQUE
Dr. Nagaraj Bhat	Chowdari, K. K., Barma, S. D., Bhat, N., Girisha, R., & Gouda, K. C. (2022, December). Evaluation of ARIMA, Facebook Prophet and a boosting algorithm framework for monthly precipitation prediction of a semi-arid district of north Karnataka, India. In 2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT) (pp. 1-5). IEEE.
Ms. Rukmini Bhat B	Rukmini Bhat B, Yashashwini A S, Kavya Rao "Counterfeit Drug detection using Ethereum Blockchain" -Periodicals of Engineering and Natural Sciences
Dr. Sowmya J Bhat	Bhat, S. J., & Santhosh, K. V. (2022). An artificial hummingbird algorithm based localization with reduced number of reference nodes for wireless sensor networks. Physical Communication, 55, 101921.
Ms. Dhanya Shenoy	Unsurpassed Image Surveillance System

Awards/achievements of the Faculty

Faculty Name	Achievement Details
Dr. Soumya J Bhat	Conference reviewer
Dr. Bharti	Reviewed papers
Dr. Soumya J Bhat	Paper review "A sensor node localization approach using a Nature-inspired Algorithm in a distributed Wireless Sensor Network"
Dr. Soumya J Bhat	Doctoral advisory committee member
Dr. Soumya J Bhat	Kavach 2023 evaluator
Dr. Soumya J Bhat	Conference reviewer for CISCON 2023
Dr. Sowmya J Bhat	reviewing manuscript entitled "Exploration of Different Topologies for Optimal Sensor Nodes Deployment in Wireless Sensor Networks using Jaya-Sine Cosine Optimization Algorithm" for The Journal of Supercomputing
Mr. Sadanada L	Paper Review
Dr. Sowmya J Bhat	reviewing manuscript entitled "Hybridized Dragonfly and Jaya algorithm forOptimal Sensor Node Location Identification in Mobile Wireless Sensor Networks" for The Journal of Supercomputing.
Mr. Shrinivasa	Patent Published on "Artificial Intelligence Based Approach for Evaluating and Revealing Consumer Insights Through Visual Analysis of Social Media images.
Ms. Rukmini Bhat B	Students won 2nd runner-up in Hackathon Competition
Mr. Shrinivasa	Patent Filed
Ms. Savitha A Shenoy	Reviewer in the XIX Control Instrumentation System Conference CISCON-2022
Dr. Sowmya J Bhat	reviewer in the XIX Control Instrumentation System Conference CISCON-2022
Ms. Sahana	NPTEL Online Certification for successfully completing course Data Mining
Dr. Sowmya J Bhat	Doctoral Advisory Committee of Mr. Rolen, MIT, Research scholar
Dr. Sowmya J Bhat	reviewing manuscript entitled "Design of Delay Tolerant Networking to ensure an uninterrupted data communication in Underwater Wireless Sensor Network" for the KSII Transactions on Internet and Information Systems

Faculty as Resource person

Faculty Name	Event Details (Title, Type of the event)
Ms. Savitha A Shenoy	Android Workshop
Ms. Chaithra	Mindfullness: Selfawareness and Corporate Culture Ethics etiquates
Ms. Savitha A Shenoy	Communication Skill, Student Induction Program at Indira Shiva Rao Polytechnic
Ms. Sahana	Android Workshop, for BCA Students of St. Marys College, Shirva
Ms. Sahana	Value added course, AI-ML,SMVITM
Ms. Yashaswini Jogi	5 days Hand on workshop on Programming Skills Development
Ms. Savitha A Shenoy	Programming Skills Development, Hands on Workshop
Dr. Sowmya J Bhat	Web Development Workshop
Ms. Sahana	Web Development Workshop
Ms. Sowmya S	Web Development Workshop
Ms. Sahana	Web Development Workshop,by BCA Department
Ms. Savitha A Shenoy	IT Literacy, Workshop
Ms. Savitha A Shenoy	Talk on Universal Human Values
Ms. Sowmya S	Seminar on Universal Human Values
Dr. Sowmya J Bhat	Project competition for the final year students
Ms. Sowmya S	Python Programming, Value Added Program
Dr. Nagaraj Bhat	Value added Course on C
Dr. Nagaraj Bhat	Recent Advancement in Coutcome Based Education and Civil Engineering Industry
Ms. Yashaswini A S	Value Added Course on "C Programming"
Ms. Dhanya Shenoy	Value Added course on C programming (5days)

Student Achievement

Final year Student of CSE Ms. Shrutha Baht has own the best ISTE student of the year award for the year 2022-23, the award function was held at CIT, Bangalore

The CSE students of Shri Madhwa Vadiraja Institute of Technology and Management, Bantakal have won Runner – Up prize in VTU Mangalore Zone Table Tennis tournament held at Shridevi Institute of Technology, Kenjaru, Mangaluru on 12 July 2023. Also the team participated in the VTU Inter collegiate State Level table Tennis competition held at Kalpataru Institute of Technology, Tiptur, on 15th and 16th July 2023.

CSE 2019-23 BATCH (A - Section)

CSE 2019-23 BATCH (B - Section)

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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