



THE EDIFICE

VOLUME 1 ISSUE 12 • JAN- JUNE 2023



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THE EDIFICE NEWSLETTER

Faculty Editors:

Dr. Pushpa S.K

Dr. Drakshaveni G

Staff Editor:

Sridhar B N

Student Editor: Akhilesh B Kalnoor

ISE Dept.
Transform Here

DEPARTMENT OF INFORMATION
SCIENCE AND ENGINEERING

VISION

Emerge as Centre of learning in the field of information science & engineering with technical competency to serve the society.



MISSION

To provide excellent learning environment through balanced curriculum, best teaching methods, innovation, mentoring and industry institute interaction.



HoDs' Desk

I feel great pleasure to present yet another issue of our Department Magazine "THE EDIFICE" Vol 1 Issue 12 (Jan – June 2023).

THE EDIFICE, is a platform where all the department activities are brought under one folder. This half yearly magazine showcases active involvement of our students in various creative events and hidden talents of our aspiring students. It also includes the dedicated teamwork put in by all our faculties in teaching learning process and faculty achievements like patents, expert talks, publication and research & consultancy. I congratulate the entire editorial team for their effort in bringing out "THE EDIFICE" in a very innovative way.



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Workshop / Seminar / Conferences Attended by faculty

1. **Topic** : Blockchain Technology
Attended : Dr. Prakash G L, Associate Professor,
Date : 20.02.2023 to 09.03.2023
Venue : EduxLabs



2. **Topic** : AI and Machine Learning for Healthcare, Engineering
Attended : Dr. Shoba M. Associate Professor,
Date : 15.03.2023 to 17.03.2023
Venue : New Horizon College of Engineering, Bangalore



3. **Topic** : Recent Trends in Cybersecurity & , Blockchain Technology.
Attended : Dr. Savitha S Asst Professor,
Date : 20.03.2023 to 25.03.2023
Venue : B.M.S C E, Bangalore



4. **Topic** : Recent Trends in Cybersecurity & , Blockchain Technology.
Attended : Dr. Shanthi D L, Asst Professor,
Date : 20.03.2023 to 25.03.2023
Venue : B.M.S C E, Bangalore



5. Topic : Research Challenges in Social Network Analysis.

Attended : Prof.Gireesh Banu C N, Asst Professor,

Date : 27.02.2023 to 03.03.2023

Venue : RIT, Bangalore



6. Topic : Recent Trends in Cybersecurity & , Blockchain Technology.

Attended : Dr.Swetha, Asst Professor,

Date : 20.03.2023 to 25.03.2023

Venue : B.M.S C E, Bangalore

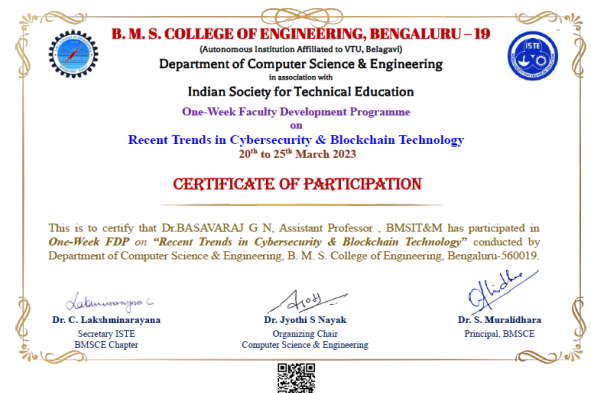


7. Topic : Recent Trends in Cybersecurity & , Blockchain Technology.

Attended : Dr.Basavaraj G N , Asst Professor,

Date : 20.03.2023 to 25.03.2023

Venue : B.M.S C E, Bangalore



8. Topic : AI & Machine Learning with Python Blockchain Technology.

Attended : Dr.Pushpa S K ,Professor,

Date : 18.04.2023 to 03.05.2023

Venue : EdusLabs



9. Topic : Introduction to Cyber Security

Attended : Dr. Swetha M S, Asst Professor,

Date : 22.05.2023 to 26.05.2023

Venue : VTU, Chikkaballapur



10. Topic : Block Chain

Attended : Dr. Swetha M S, Asst Professor,

Date : 20.03.2023 to 24.03.2023

Venue : E & ICT Academy, IIT Kanpur



11. Topic : Python Programming

Attended : Dr. Swetha M S, Asst Professor,

Date : 13.03.2023 to 17.03.2023

Venue : E & ICT Academy, IIT Kanpur



12. Topic : AI Deep Learning and Computer Vision with Python.

Attended : Dr. Prakash G L, Associate Professor,

Date : 08.05.2023 to 23.05.2023

Venue : EdusLabs

- 13. Topic** : Attended 5-Day Workshop on “Recent Advancements in Machine Learning Applications” conducted by Department of CSE.
Attended : Dr.P Sudarsanam
Date : 16.01.2023 to 20.01.2023
Venue : NITTE Meenakshi Institute Technology, Bangalore.
- 14. Topic** : Introduction to Python Programming & its Applications, Organized by, under AICTE – VTU Joint Teachers Training Programme
Attended : Dr. Drakshaveni G
Date : 13.3.2023 to 17.3.2023
Venue : Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur
- 15. Topic** : Fundamentals of Data Science Analytics” organized by VTU
Attended : Dr.P Sudarsanam, Asst Professor,
Date : 05.06.2023 to 09.06.2023
Venue : VIAT Muddenahalli Chikkabalapur-562101
- 16. Topic** : Fundamentals of Data Science Analytics” organized by VTU
Attended : Dr.Pushpa S K, Professor
Date : 05.06.2023 to 09.06.2023
Venue : VIAT Muddenahalli Chikkabalapur-562101

Students Workshop Conducted /Organized.

1. Dr. N Rakesh, Delivered a session on “Introduction to Machine learning” as part of an open course programme held at BMSIT&M, Benaguru from 12th June to 16th June 2023.
2. Delivered a session on “Javascript programming” as part open course programme held at BMSIT&M, Benaguru from 12th June to 16th June 2023.

Outreach Activity

1. Dr. Shoba M, Associate Professor, Department of ISE has extended their support for “INSPARK 2023 - Project Exhibition” as Evaluator from Academics on 27.05.2023 at Department of ISE, NMIT Bengaluru.


2. Dr. Shoba M, Associate Professor, Department of ISE has been identified as the editor for the book series titled "Futuristic Trends in Artificial Intelligence" under IIP Volume 3, Iterative International Publishers.

Awards / Achievements/ Recognitions


SI No	Staff Name	Award/Achievement/ Recognitions details
01	Dr. Swetha M.S	<p>Dr. Swetha M S, Assistant Professors, Dept. of ISE has got the “EXCELLENCE IN REVIEWING AWARD” from Current Journal of Applied Science and Technology in January Month 2023 and journal is quality controlled, OPEN peer-reviewed, open access INTERNATIONAL journal.</p> 
02	Dr. P.Sudarsanam	<p>Dr. P SUDARSANAM, Assistant Professor, Department of ISE has reviewed in the fourth IEEE International Conference held on 23rd and 24th December 2022 organized by JSS academy of Technical Education.</p> 

03	Dr. Shoba M	Dr. Shoba M, Associate Professor, ISE Department was a reviewer for IEEE 3rd IEEE International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME), in Tenerife, Canary Islands, Spain, on 19-20 July 2023. (the conference is indexed in SOCPUS).
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Memorable Moments/ OBE Activities

Sl. No	Event details
01	<p>Dept of ISE has organized a farewell for 2018-22 batch students on 30.06.2022 Coordinated by Prof. S. Mahalakshmi.</p> 

Faculty Resource Person

Sl. No	Event details
01	<p>Prof. Gireesh Bab C N, Assistant Professor, Department of ISE has extended his support as a Resource person for the invited talk on “Introduction to Artificial Intelligence” organized by Agastya International Foundation on 15th April 2023.</p>  <p>Session Link: https://www.youtube.com/watch?v=zCLEb7g5LJ8</p>
02	<p>Dr. Swetha M S, Assistant Professor, Department of ISE has delivered talk on “Cyber Security Innovation and disruption” on 14.6.2023, organized by Industry connect cell, Dept of ISE, CMR Institute of technology and management, Bengaluru.</p>
03	<p>Dr. Swetha M S, Assistant Professor, Department of ISE has delivered talk on “Cryptography and Soft Computing Techniques for Blockchain Applications' ' on 21.6.2023, organized by Industry connect cell, Dept of CSE, Sir. MVIT, Bengaluru.</p>
04	<p>Dr. Swetha M S, Assistant Professor, Department of ISE has extended their support for “Project Exhibition 2023”, as Evaluator from Academics on 13.05.2023 at Department of CSE, Sir. MVIT, Bengaluru.</p>
05	<p>Dr. Swetha M S, Assistant Professor, Department of ISE has delivered talk on “Computer forensics and need for computer forensics” in as part of an open course - “Hands on approach on cyber forensics and crime investigation” programme held at BMSIT&M, Bangalore from 12.6.2023 to 16.6. 2023.</p>
06	<p>Dr. Swetha M S, Assistant Professor, Department of ISE has delivered talk on “Cloud Services” in as part of an open course - “AWS Cloud Services and Tools on Cloud Computing” programme held at BMSIT&M, Benagluru from 12.6.2023 to 16.6. 2023.</p>
07	<p>Dr. Pushpa S K, Professor, Department of ISE has delivered a talk on Introduction to Data Analytics, as part of an open course in “Data Visualization using Microsoft PowerBI” programme held at BMSIT&M. From 12.6.2023 to 16.6.2023</p>

Industrial Visit

1. An industrial visit was arranged by the Department of ISE for VI semester at Mindtree Ltd, Global Village on 21.06.2023. Dr. P Sudarsanam, Dr. Anil Kumar and Prof Ambika Subash accompanied 60 students.

Faculty Internship

Sl. No	Name	Designation	Company/Dept	Training duration	Date
01	Dr. Prakash G.L	Associate Professor	EDUX Labs	15 Days	30-01-2023 to 15-02-2023
02	Dr. Shoba M	Associate Professor	Adalovelace Software Pvt. Ltd. Bengaluru	12 Days	02.05.2023 to 13.05.2023

Journal Publications:

SL No.	Staff Name	Title	Journal	National/ International	Vol No	Issue	Page
01.	Thanuja K Dr. Shoba M Patil K	Epileptic Seizure Classification and Feature Optimization Technique Using Grey Wolf Algorithm on Dynamic Datasets		SN COMPUT. SCI. 4, 311 (2023). https://doi.org/10.1007/s42979-023-01741-0			

Conference Publications:

SL No.	Staff Name	Title	Conference	National/ International
01	Dr. P Sudarsanam Anand R Manoj Challa	Enhancing Road Safety		International

2	Dr.Drakshaveni, G, , Assisatnt Professor, Department of ISE has presented a paper with the title “Comparative Analysis of Medical Imaging Techniques Used for the Detection of Thyroid Gland with an Emphasis on Thermogram” in International conference on Emerging Research in Computing, Information, Communication and Applications in Proceedings of ERCICA 2022 With https://link.springer.com/chapter/10.1007/978-981-19-5482-5_60 , pp. 691–700
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Research Centre Activities

1. Dr. N Rakesh as subject expert for Ms. Niharika Panda research scholar at Amrita University, Bangalore campus attended the six monthly review presentation on 24th March 2023 through teams online meeting.
2. As co-guide for research scholar Mr. Mohamed Shakir at Amrita University, Bangalore campus working on Q2 category Journal paper as part of his research work is concerned.
3. Dr. N. Rakesh - As co-supervisor at Amrita University, Bengaluru campus attended research scholar Mr. Momahed Shakir six monthly progress review presentation on 14.04.2023.
4. Dr.Basavaraj G.N submitted a project proposal of grant Rs. 10,12,637 to VGST (Application No.VRN/000638/22-23) under scheme name K-FIST L2 on May-2023.
5. Ms. Thanuja K (1BY17PIS01) research scholar under the guidance of Dr. Shoba M and Dr. Kirankumari Patil presented her Open Seminar - 1 on 29.05.2023 in ISE Dept. Research Centre.

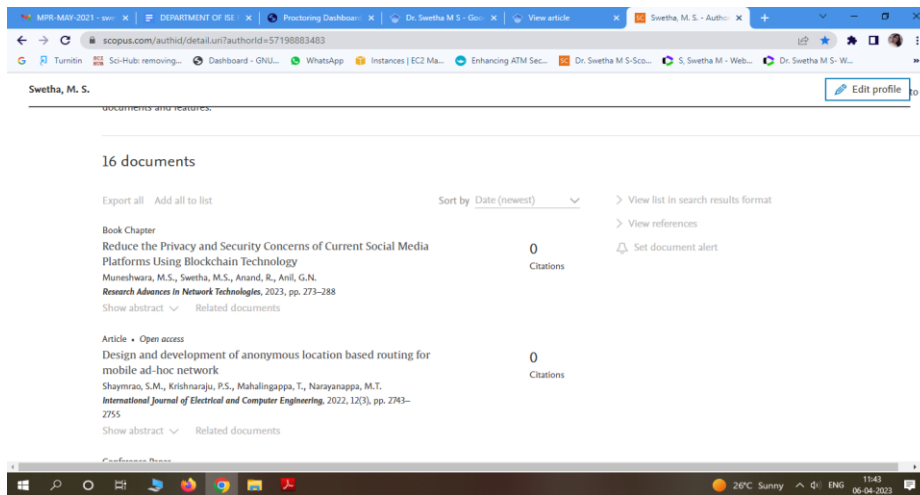
Departmental Co-curricular Activities

1. Department of ISE conducted Quiz On the cybersecurity club "Access Denied" at BMSIT College on May 4th, 2023, organized "Null and Void," an exciting event consisting of a quiz and treasure hunt, which attracted a staggering number of 140 participants. The quiz round challenged participants' knowledge of cybersecurity concepts, while the treasure hunt tested their practical skills in solving puzzles. With a strong emphasis on teamwork and problem-solving, the event provided a thrilling and immersive experience for all participants, effectively promoting awareness and interest in the field of cybersecurity.



Book Chapter

1. Dr. Swetha M S, Assistant Professor, Department of ISE, Published a Book Chapter Title “ Reduce the Privacy and Security Concerns of Current Social Media Platforms Using Blockchain Technology”, in Research Advances in Network Technologies , Publisher CRC Press, pp 273-287 , 23-03-2023 India.



2. Dr. Swetha M S, Assistant Professor, Department of ISE, Published a Book Chapter Title “ 6G Wireless Communication Systems and Its Applications”, in Machine Learning and Mechanics Based Soft Computing Applications , Springer Nature Singapore, pp 271-288 , 28-02-2023 India. https://link.springer.com/chapter/10.1007/978-981-19-6450-3_25.
3. Dr. Drakshaveni G contributed to the book chapter with the title of the book chapter " Smart Healthcare Cognitive Radio system for future wireless commutation applications with test methodology" in the book title “Artificial Intelligence for Smart Healthcare” on 10.6.2023 DOI:https://doi.org/10.1007/978-3-031-23602-0_22with ISBN:978-3-031-23601-3.

Reviewer for Journal/Conference

1. Dr. Shoba M, Associate Professor, Information Science & Engineering Department was a reviewer for IEEE International Conference on Advances in Electronics, Communication, Computing and Intelligent Information Systems (conference is indexed in SOCPUS)



International Conference

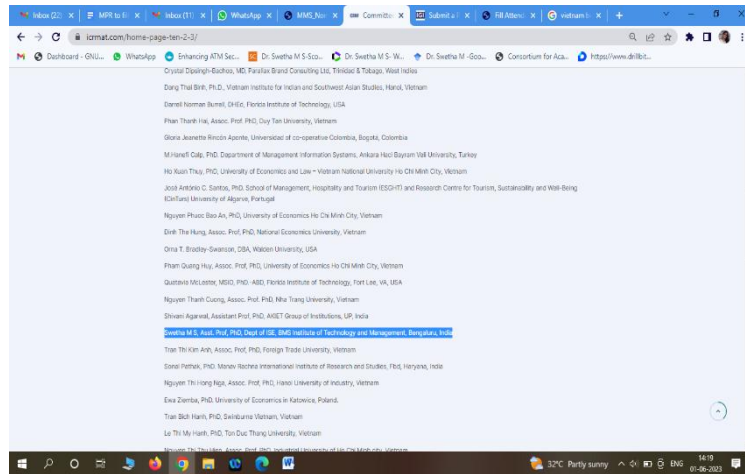
1. Dr. Shoba M, Associate Professor, Information Science & Engineering Department Presented paper in International Conference on Post Pandemic Recovery in Business and its impact on various stakeholders - strategies, issues and challenges” (conference is indexed in SOCPUS)



2. Dr. Shoba M, Associate Professor, Department of ISE was a reviewer for Conference “AICTE Sponsored IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON)” organized by Nitte Meenakshi Institute of Technology, Bengaluru, INDIA during 1st and 2nd, September 2023 in association with IEEE Bangalore Section. (the conference is indexed in SOCPUS)

3. Dr. Shoba M, Associate Professor, Department of ISE was a reviewer for Conference “Applied Intelligence and Sustainable Computing (ICAISC-2023)” during 16th-17th June, 2023 organized by Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad(the conference is indexed in SOCPUS)

4. Dr. Swetha M S, Assisatnt Professor, Department of ISE was a Technical Program Committe(TPC) and reviewer for Conference “Fourth International Conference on Research Management and Technovation” August 25-26, Hanoi, Vietnam, Southeast Asia (the conference is indexed in SOCPUS-Book Chapter) .



5 Dr. Swetha M S, Assisatnt Professor, Department of ISE was a reviewer for Conference “Applied Intelligence and Sustainable Computing (ICAISC-2023)” during 16th-17th June, 2023 organized by Shri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad(the conference is indexed in SOCPUS).

Any other Initiatives by the departments: (Which does not fall in the above categories)

1. Dr. Shoba M, Associate Professor, Information Science & Engineering Department has completed 3-week intensive certification course on “Natural Language Processing” from AIMER Society.



2. Dr. Shoba M, Associate Professor, Information Science & Engineering Department has participated in the challenge organized by 5th edition of the Indo-Dutch Cybersecurity School organized by Hauge centre for strategic studies.



Faculty List

Sl. No	Faculty Name	Qualification	Designation
01.	Dr. S.K. Pushpa	M. E, Ph. D	Professor & Hod
02.	Dr.Manjunath T N.	M. Tech, Ph.D	Professor, Dean career Guidance
03.	Dr. M V Sudhamani	M. Tech, Ph.D	Professor
04.	Dr.Usha B A	M. Tech, PhD	Professor
05.	Dr. Anjan Krishnamurthy	M. Tech, PhD	Professor & Head ITS
06.	Dr. Sheela Katavate	M. Tech, Ph.D	Associate Professor
07.	Dr. Surekha K B	B.E, M.Tech, Ph.D	Associate Professor
08.	Dr. Geeta amol patil	B.E, M.Tech, Ph.D	Associate Professor
09.	Dr. N. Rakesh	B.E, M.Tech, MBA, MSc, Ph.D	Associate Professor
10.	Dr. Veena N.	M. Tech,Ph. D	Associate Professor
11.	Dr. Shobha M	B.E, M.Tech, Ph.D	Associate Professor
12.	Dr. Prakash G L	B.E, M.E, Ph.D	Associate Professor
13.	Dr. Drakshaveni G	BSc, MCA, M.Tech, Ph.D	Assistant Professor
14.	Prof. Mahalakshmi.S	B.E, ME, (Ph.D)	Assistant Professor
15.	Dr. Shanthi D L,	B.E, M.Tech, Ph.D	Assistant Professor

16.	Dr. Chandrashekhara K T	B.E, M.Tech, Ph.D	Assistant Professor
17.	Dr. P. Sudarsanam,	B.Sc, MCA, M.E, Ph.D	Assistant Professor
18.	Dr. Gireesh Babu C N	B.E, M.Tech, Ph.D	Assistant Professor
19.	Prof. Ambika Rani Subhash	B.E, M.Tech, (Ph.D)	Assistant Professor
20.	Dr. Swetha M S	B.E, M.Tech, Ph.D	Assistant Professor
21.	Prof. Vinutha K	B.E, M.Tech, (Ph.D)	Assistant Professor
22.	Prof. Ravi Kumar B N	B.E, M.Tech, (Ph.D)	Assistant Professor
23.	Dr. Narasimha Murthy M S	B.E, M.Tech, Ph.D	Assistant Professor
24.	Dr. Mohan B A	B.E, M.Tech, Ph.D	Assistant Professor
25.	Dr. Anil Kumar	B.E, M.Tech, Ph.D	Assistant Professor
26.	Dr. Savitha S	B.E, M.Tech, Ph.D	Assistant Professor
27.	Dr. Basavaraj G N	B.E, M.Tech, Ph.D	Assistant Professor
28.	Dr. Karthik S. A	B.E, M.Tech, Ph.D	Assistant Professor
29.	Dr. Kshama S. B	B.E, M.Tech, Ph.D	Assistant Professor
30.	Dr. Kantharaju V	B.E, M.Tech, Ph.D	Assistant Professor
31.	Dr. Kalaivani Y. S	B.E, M.Tech, Ph.D	Assistant Professor
32.	Dr. Harish kumar	B.E, M.Tech, Ph.D	Assistant Professor
33.	Prof. Srinivas B. V	B.E, M.Tech, Ph.D	Assistant Professor
34.	Prof. Bhavya. G	B.E, M.Tech, Ph.D	Assistant Professor

TECHNICAL STAFF

Sl. No	Name	Qualification	Designation
01.	Mr. P Ashok Kumar	DCSE	Assistant Instructor
02.	Mr. Raju T	DCSE, BE	Assistant Instructor
03.	Mr. Liju C	DCSE	Assistant Instructor
04.	Mr. Harish S	BE	Assistant Instructor
05.	Dr. Amudha	BE , M.SC (IT) PhD	Programmer
06.	Mr. Sharath kumar k	DCSE	Assistant Instructor
07.	Mr. Radhakrishna G K	DISE, BE	Assistant Instructor
08.	Mr. Sridhar B N	B.com	SDA

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