



THE EDIFICE

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THE EDIFICE NEWSLETTER

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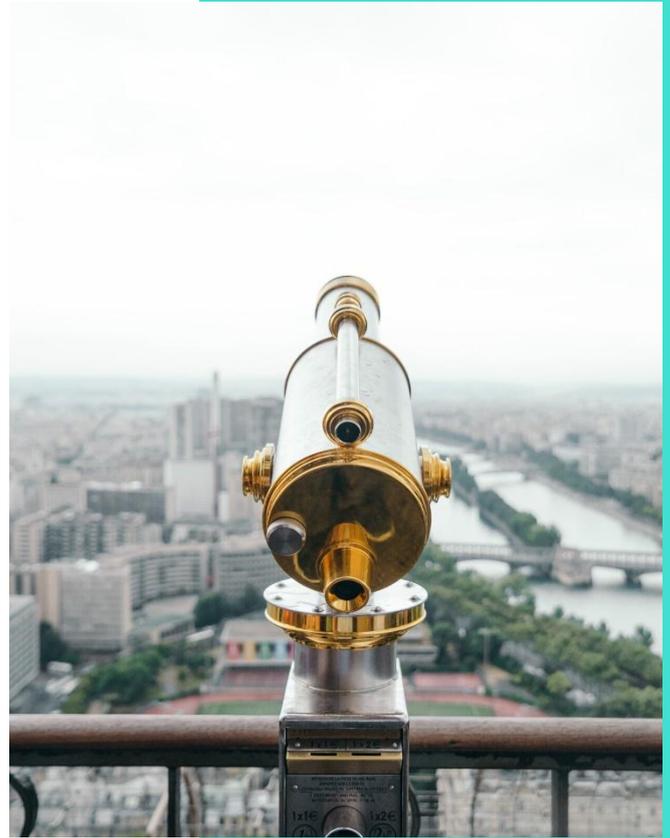
Achievements

ISE Dept.
Transform Here

DEPARTMENT OF INFORMATION
SCIENCE AND ENGINEERING

VISION

Emerge as center 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 8 (Jan – June 2021).

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

01. Topic: Psychological Skills for Effective Teaching and Learning
Speaker: Professor HoD ,Dr.Pushpa S K
Date: 01.07.2021 to 07.07.2021
Venue: Teaching Learning Centre, Ramanujan College University of Delhi.

02. Topic: Deep Learning
Speaker: Mrs.S Mahalakshmi

Venue: Atal Bihari Vajpayee Indian Institute of Information Technology and Management Gwalior.

Date: 05.07.2021 to 09.07. 2021

03.Topic: Internet of Things: Product Design, Development and Implementation

Speaker: Dr. Shridhar Sanshi

Date: 02.08.2021 to 06.08.2021

Venue: Shri Sant Gajanan Maharaj College of Engineering, Shegaon

04. Topic: Effective Leadership and Excellence in Technical Education

Speaker: S.Mahalakshmi Assistant prof

Date: 15/11/2021 to 19/11/2021



MIT | Academy of Engineering
(An Autonomous Institute)
SCHOOL OF HUMANITIES AND ENGINEERING SCIENCES

05 January 2022

To
Dr. Shoba M. Chandra
Associate Professor
B M S Institute of Technology & Management,
Bengaluru.

Sub: Appreciation for the Guest Lecture in the Student Induction Programme on "Deep Learning - A Paradigm Shift"

Dear Madam,

On behalf of MIT Academy of Engineering, we gratefully acknowledge your significant guidance to our students on "Deep Learning - A Paradigm Shift" on 30 December 2021. Our students have gained an innovative perspective towards Deep learning. Your commitment and personal involvement towards the topic is unparalleled. Your contribution would make a crucial and optimistic difference in the life of the attendees.

Thank you again for the time, dedication and expertise you have given to the FY B Tech students.

Thank You.

Mrs. Prabha Kasliwal
Dean,
School of Humanities and Engineering Sciences
MIT Academy of Engineering, Alandi, Pune.

5.Topic:	Artificial intelligence	06. Topic:	Advances in Electronics and Communication Engineering for Industrial Applications
Speaker:	Swetha M S Assistant prof	Speaker:	Mrs. Arpitha H M. Assistant instructor
Date:	15-11-2021 to 21-11-2021	Date:	26.07.2021 to 30.07.2021
07.Topic:	Deep Learning - A Paradigm Shift	Venue:	Stanley College of Engineering and Technology for Women
Speaker:	Dr. Shoba M	08. Topic:	
Date:	30-12-2021	Speaker:	Prof Swetha M S,
Venue:	MIT Academy of Engineering Savitribai Phule Pune University	Date:	15-11-2021 to 21-11-2021

Workshop /Open course organized

1.Topic: Virtual Instructor Led Training on RPA Design and Development v3.0-Educator Readiness program

Speaker: Prof .Mahalakshmi.S

Date: 13-12-2021 to 17-12- 2021

Venue: UiPath Academic Alliance.



2. Topic: International workshop on Artificial intelligence

Speaker: Prof Swetha M S,

Date: 15-11-2021 to 21-11-2021

Venue: St' Claret college, Bengaluru University



Invited Talk delivered by Faculty/Session chair:

01. Dr. Shridhar Sanshi, Assistant Professor, ISE Department was session chair for 2nd congress on Intelligent Systems CIS 2021 at Christ (Deemed to be University) Bangalore on 4/9/2021-5/9/2021
02. Dr. Sheela Kathavate, Associate Professor, Department of ISE was the Session Chair for the International Conference on Evolutionary Computing and Mobile Sustainable Networks ICECMSN-2021, conducted on 28-29th, Sept 2021, organized by RV Institute of Technology and Management.

Expert Lectures organized by Faculty:

01. Department organized an expert talk on the topic “ Edge Analytics for Aerial Unmanned Vehicles“ for 6th semester students on 24.07.2021. The speaker Dr. Sreejith Vidyharan, Post Doctoral Research Fellow, University of North Dakota, USA.
02. Department of ISE has organised an Expert talk on Byjus Career guidance for 5th semester students on 11.11.2021 from 10.50 am to 12.50 pm. Mr. Abhishek Gupta and team from Byju's and Career Labs gave us a talk on Placements and Higher Studies programs such as deferred MBA, MiM, MeM and GRE, GATE, GMAT and how to crack Civil services exams.



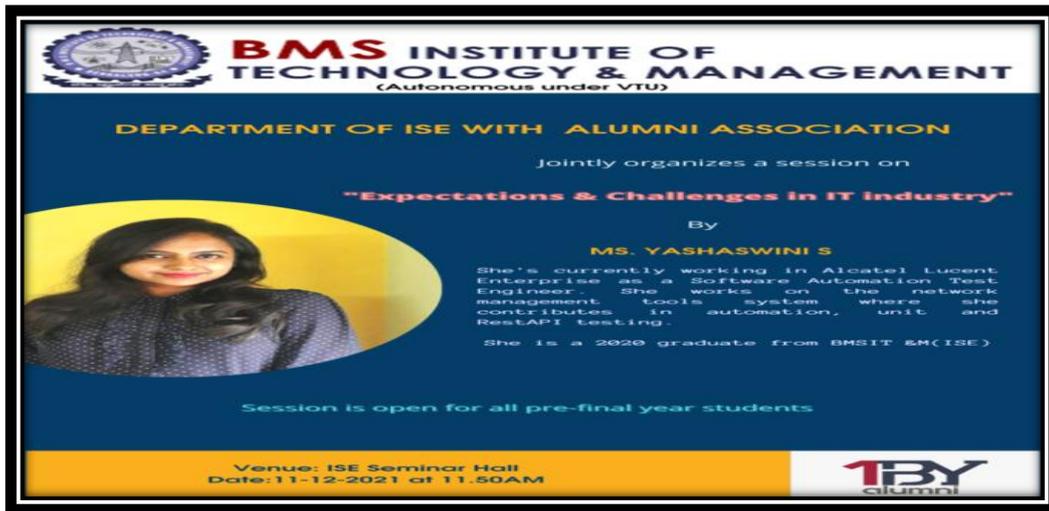
Byjus Career guidance for 5th semester students on 11.11.2021 from 10.50 am to 12.50 pm.

Student alumini:

Report on Alumni Session “Expectations and Challenges in IT Industry” held on 11th December 2021: An Alumni session was held for pre-final year ISE students to understand the expectations and challenges in IT industry and discuss students’ hopes, interests and requirements for the same. It gave students the chance to learn about the IT industry and what it might be like post-graduation. This session was hosted by Prof. Gireesh Babu C N followed by a short introduction of alumni speakers by Dr. Pushpa S K, HoD. Ms. Yashashwini- Alcatel Lucent enterprise of 2020 graduate batch of ISE, BMSIT&M along with her other alumni Mr. Aditya- Epicor (2020 batch) and Meghana-PWC (2021 batch) joined the hand to interact with students.

The speakers provided great insight and knowledge based on their experiences and internships for placement preparation. They spoke about the flow of campus placements- Aptitude test, MCQ test on technical knowledge, Group discussion, IT industry expectations like Confidence, Application-level knowledge, and Attitude etc. They also enlightened us about the challenges we might face once we start working, e.g., time management, meeting important deadlines, keeping oneself updated with industry knowledge. They talked about the blooming technologies – some of which are big data, cyber security, DevOps, and UI/UX. They gave valuable advice regarding domain specific jobs, and how a good LinkedIn profile is a great start for job seekers.

It was a nice interactive session around 100 students benefited from this talk and finally concluded with feedback submission. Students motivated from this session to plan their aspiration (PO12-Self learning or Lifelong learning).



Awards / Achievements/ Recognitions

Sl. No	Staff Name	Award/Achievement/ Recognitions details
01.	Prof. Swetha M S	<p>Prof Swetha M S, Assistant Professor, Dept of ISE, reviewed the papers in the “ International Asian Journal of Research and Reviews in Physics” , Open access Web of Science Journal.</p> <div style="text-align: center;"> </div>
02.	Dr. ShridharSanshi	Dr. Shridhar Sanshi, Assistant Professor, ISE Department was a reviewer for 2nd congress on Intelligent Systems CIS 2021 world conference in virtual format

Memorable Moments/ OBE Methods

Sl No	Event	Event details
01.	OBE	<p>Prof.S.Mahalakshmi has conducted a hands on session on “Installation of UiPath” for the course Robotic process automation on 8th Nov 2021. The step by step instructions for installing UiPath tool for doing bots and awareness on User interface of available in the tool has been explained. Students were asked to submit the steps by step process screenshots for Uipath installation and a simple program.</p> 

<p>01.</p> <p>02.</p> <p>03.</p>		<p>Faculty Resource Person:</p> <p>Dr. Geeta Amol Patil, Assoc. Professor, ISE has extended her support for M. Tech Dissertation Review & Evaluation on “Towards Improving User Experience by Adopting VR as Visualization Tool on Virtual Forest Application” , PES University on 09.07. 2021</p> <p>Dr.Narasimha Murthy M S, Assistant Professor & Dr. Geeta Amol Patil, Assoc. Professor Department of ISE, has extended their support as External Jury member for INNOCENTRIC – 2021 Virtual Inter-Collegiate Project Competition held on 23.07.2021 at Global Academy of Technology, Bengaluru.</p> <p>Prof.S.Mahalakshmi , Assistant Professor, Dept of ISE participated as Primary evaluator in Toycathon 2021 in march 2021 organised by AICTE and Ministry of Education and Innovation Cell.</p>  <p>04</p> <p>ONLINE COURSE COMPLETED</p> <p>01. Prof Swetha M S, Assistant Professor, Dept of ISE completed an online “SAP FICO (Finance and Controlling) Simplified for the Beginners”, in UDEMY OF 45 Hours Course on 23rd December 2021.</p>  <p>02.Prof.S.Mahalakshmi, Assistant Professor, Dept of ISE has received a diploma of completion for the course “Introduction to RPA and Automation”from UIPath Academy.</p>
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**PATENT
FILE
GRANTED:**

01. Prof. Swetha M S, Assistant professor, Dept of ISE, Mr. Rakshith D, Mr. Praveen N M, Mr. K.Bhuvan Sai, Mr. Mayur G N, (Students) Published Patent with Title “Indian Crop and Fertilizer Recommendation System using AI and Machine Learning Techniques”, Indian patent office with Application Number- 202141032290- on 18/07/2021.



Application Details	
APPLICATION NUMBER	202141032290
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/07/2021
APPLICANT NAME	1 - Prof. Swetha M S 2 - Mr. Rakshith Danti. 3 - Mr. Praveen N M. 4 - Mr. K.BhuvanSai 5 - Mr. Mayur GN
TITLE OF INVENTION	Indian Crop and Fertilizer Recommendation System using AI and Machine Learning Techniques
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	swethams_ise2014@bmsit.in
ADDITIONAL-EMAIL (As Per Record)	rakshithdanti@gmail.com
E-MAIL (UPDATED Online)	

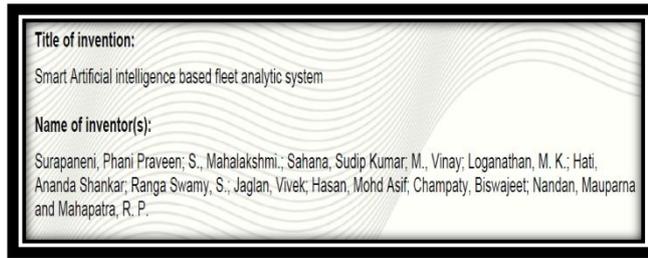
02. Prof. S. Mahalakshmi, Assistant professor, Dept of ISE, filed a Patent with Title “SMART ARTIFICIAL INTELLIGENCE BASED FLEET ANALYTIC SYSTEM “, Australian Patent Office with Application Number- 2021106612- on 23.8.2021.

03.Prof.S. Mahalakshmi, Assistant Professor, Dept of ISE granted international patent on title “Smart Artificial intelligence based fleet analytic System” Patent number: 2021106612 on 24th NOV 2021.



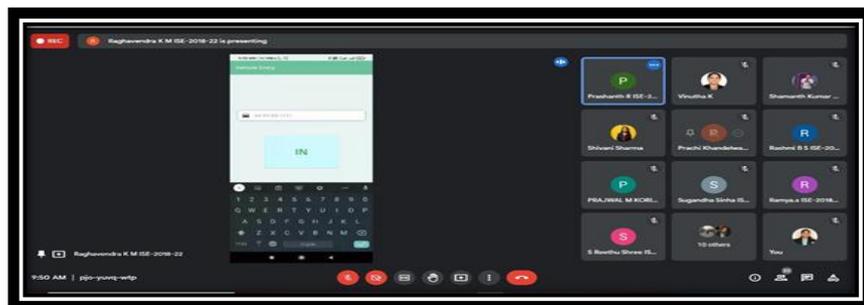
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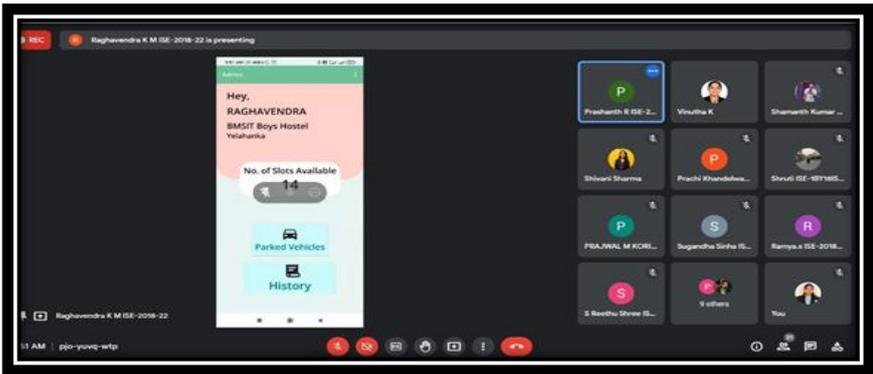
**PROJECT
BASED
LEARNING
:**



04. Title of the invention: Machine Learning Algorithm-Based Automatic Sign Language Recognition System for Digital Hardware Implementation
Inventor: Prof. Gireesh Babu C N, Dept. of ISE and Dr. Thungamani M
Application Number: 202141047829
Date of Filing: 21/10/2021
Date of Publication: 29/10/2021

01. Department of ISE, organized a PBL Project Review on 30.07.2021 and 31.07.2021. To exhibit the project work carried out by the students of the IV and VI semester. The projects exhibited the student's ability to apply their learning to solve real-world problems. This semester around 100 PBL batches chose the simulation and Software projects (because of lockdown) in which students have taken up a few challenges and realized the same with the help of peer groups and faculty mentors. Intensive review of projects is carried out by the faculty members. These projects were evaluated by an internal committee on various rubrics. Selected best 5 projects presented their work to a jury from industry. The External evaluation was conducted with the Industry persons for 6th sem Mr. Ankit Agarwal, Android developer, APP Nest. 2. and for 4th sem Mr. Anupchandra, Site Reliability Engineer for the Data Flow, LinkedIn.



		 <p>07 Outreach Activity: 01. Dr. Sheela Kathavate, Associate Professor, Dept. of ISE has extended her support as a resource person for the webinar on “PROCESS SCHEDULING CHALLENGES IN MULTI-CORE SYSTEMS” on 16.07.2021 at Sir M. Visvesvaraya Institute of Technology, Bangalore.</p> <p>08 Webinars Attended (Faculty): 01. Dr. Shoba M, Associate Professor, attended webinar on “Online User Awareness Program on Springer Nature e-resources” Jointly organized by Visvesvaraya Technological University Consortium & Springer Nature on December 3rd 2021.</p> 
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F		02. Dr. Shoba M, Associate Professor, attended webinar on “Microsoft Certification” organized by Knowledge Solutions India on December 13th 2021.
		

Faculty Internship:

Sl. No	Name	Designation	Company/ Dept	Training duration	Date
01	Dr Surekha K.B.,	Assoc. Professor	Industry internship at InfiData Technologies	10 Days	23.08.2021 to
02	Dr.Shridhar Sanshi	Asst. Professor			02.09.2021

Publications:

SL No.	Staff Name	Title	Journal	National/ International	Vol No	Issue	Page
01.	Prof. S.Mahalakshmi	The Internet Of Things On Neural Networks Provides Intelligent Healthcare Management For Diabetic Patients.	Scopus	International	Vol 12	Issue 02	2021, ISSN: 2008-8019
02.	Prof. Swetha M S	Identification of Geo Location Using Smartphone in		Journal	Vol 26	Issue-08	ISSN-NO-1671-

		Absence of Internet and Network					9727
03.	Mrs S.Mahalakshmi	Reviewer for the journal Springer nature Computer science	Scopus	Journal			(ICMN WC-2021)
04.	Prof. Swetha M S	Reviewer for the International Conference on Mobile Networks and Wireless Communications		Journal	32		1721 - 1729
05.	Prof. Swetha M S	International Asian Journal of Research and Reviews in Physics		Journal			
06.	Dr. Shridhar Sanshi	Reviewer for Wireless Networks Springer					
07	Dr. Shridhar Sanshi	Reviewer for 2nd Congress on Intelligent Systems CIS 2021					
08.	Prof.S.Mahalakshmi	Nature -Computer Science	Scopus				

Conference Publications:

SL No.	Staff Name	Title	Conference	National/ International
01	Dr. Shridhar Sanshi	Reviewer for the conference Sixteenth International Conference on Information Processing		International

Sports Activities:

Shweta Jayakumar & Spandana T S Table tennis Women winners in Inter-collegiate Table tennis Tournament in Inter-collegiate Table tennis Women's Tournament was held on 24-11-2021 & 25-11-2021 at SVIT Rajankunte Bangalore



FACULTY

Sl. No	Faculty Name	Qualification	Designation
1	Dr. S.K. Pushpa	M.E. Ph. D	Professor & Hod
2	Dr. Manjunath T N	M. Tech, Ph.D	Professor
3	Dr. Sudhamani M V	M. Tech, Ph.D	Professor
4	Dr. Sheela Katavate	M. Tech, Ph.D	Associate Professor
5	Dr. Surekha K	M. Tech, Ph.D	Associate Professor
6	Dr. Geeta Amol Patil	M.E, Ph. D	Associate Professor
7	Dr. Veena N.	M. Tech, Ph. D	Associate Professor
8	Dr. Shobha M Chandra	M. Tech, Ph. D	Associate Professor
9	Mrs. S. Mahalakshmi	M.E., (Ph. D)	Assistant Professor
10	Mrs. Shanthi DL	M. Tech, (Ph.D)	Assistant Professor
11	Mr. Chandrasekhar K T	M. Tech, (Ph. D)	Assistant Professor
12	Mr. Girishbabu C N	M. Tech, (Ph. D)	Assistant Professor
13	Mrs. Bhavya G	M. Tech, (Ph. D)	Assistant Professor

14	Mrs. Ambika Rani Subhash	B.E, M.sc,	Assistant Professor
15	Mrs. Swetha M S	M. Tech, (Ph. D)	Assistant Professor
16	Mrs. Vinutha K	M. Tech, (Ph. D)	Assistant Professor
17	Dr. Rudresh D Shirwalkr	M. Tech, Ph. D	Assistant Professor
18	Dr. Shridhar Sanshi	M. Tech, Ph. D	Assistant Professor
19	Dr. Narasimha Murthy M S	M. Tech, Ph. D	Assistant Professor
20	Dr. Mohan B A	M. Tech, Ph. D	Assistant Professor
21	Dr. Santosh Patter	M. Tech, Ph. D	Assistant Professor

TECHNICAL STAFF

Sl. No	Name	Qualification	Designation
1	Mr. P Ashok Kumar	DCSE	Assistant Instructor
2	Mr. Raju T	DCSE, (BE)	Assistant Instructor
3	Mrs. Amudha	BE, M.SC (IT Ph. D)	Programmer
4	Mr. Liju C	DCSE	Assistant Instructor
5	Mr. Harish S	DCSE	Assistant Instructor
6	Mr. Sridhar B N	B.com	SDA

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