

ANNUAL REPORT OF INFORMATION SCIENCE AND ENGINEERING

2021-2022

**MAHARAJA INSTITUTE OF TECHNOLOGY
MYSORE**

1. ABOUT THE DEPARTMENT

Our Department is in the process of empowering students with Outcome Based Education system (OBEs) to meet the global competence and aims to emerge as a centre for achieving academic excellence. The Bachelor program was established in the year 2007 with an intake of 60 and increased to 120 in 2013. The department has set itself a notch above the contemporaries in terms of initiatives and expanding the horizon in research and thus imparts proven expertise to students. Soft – Skill programmes are conducted through the placement cell for the overall personality development of the student.

Most of our students are well placed in fortune companies. Many of our students have published and presented their research papers in National/ International Journals and Conferences. Under the R & D activity, RPS project has been taken up by the department and successfully completed. Fellowship is offered to the Research Scholars through grants received from various funding agencies of the Government of India; as well as from Maharaja Research Foundation (MRF) established at MITM campus for the Ph.D. program. Industry interaction is established through MOUs. Sponsored projects & industrial visits, Invited lecturers, workshops, seminars, and webinars are also organized on a regular basis in emerging technologies from experts of industries and institutions.

2. HOD'S MESSAGE

The Department comprises excellent infrastructure with well-equipped Laboratories, Classrooms, and Departmental Library. Department is strengthened by well qualified and experienced faculty members whose main aim is to make students aware of the cutting edge technology with competence, commitment & teamwork.

The Department regularly arranges Seminars, conducts Workshops from Industry Experts, Organizes Industry visits, for Students. The Department offers, add-on courses to cope up with the latest trends & technology. Department has very good placement percentage as our students are recruited in the reputed companies. The track record of results is excellent. The students actively participate in the Technical co-curricular activities like Paper & Poster presentations, Coding, Debugging, Projects etc, that are conducted both in intra &

inter College. As well as, in Non-technical Events like NSS, Sports, College Fest, and preparation of Magazines & Newsletters. The Students of the department have recorded very good performance in competitive examinations such as GATE, GRE, GMAT, TOEFEL, CAT, PG CET etc., and got admitted to the top Universities. Further, most of the faculty members and students won the Best Paper awards, the Best Project awards in both National / International Conferences. Our faculty members and students are also members of professional societies like ISTE, CSI & IEI etc.

3. VISION & MISSION

3.1 VISION OF THE DEPARTMENT

To be recognized as the best Centre for technical education and research in the field of information science and engineering.

3.2 MISSION OF THE DEPARTMENT

- To facilitate adequate transformation in students through a proficient teaching learning process with the guidance of mentors and all-inclusive professional activities.
- To infuse students with professional, ethical and leadership attributes through industry collaboration and alumni affiliation.
- To enhance research and entrepreneurship in associated domains and to facilitate real time problem solving.

4. PREAMBLE

INSTITUTION NAME: Maharaja Institute of Technology Mysore

NAME OF THE DEPARTMENT: Information Science and Engineering

YEAR OF STARTING THE PROGRAMME: 2007

AICTE APPROVAL DETAILS OF THE DEPARTMENT:

- (a) Date of approval by AICTE for current academic year with reference number

Ref : F. No. South-west/1-4261810568/2019/EOA Date:-29-04-2019

(b) Date of approval by VTU for current academic year with reference number

Ref:-VTU/Aca-LIC/2019-2020/SO/5583/78 Date 5-10-2019

NBA ACCREDITATION OF THE DEPARTMENT:

(a) **Name of the program:** Information Science and Engineering

(b) **Basis of Evaluation:** Tier II document (Marks scored: 675/1000)

(c) **Academic years:** 2021-22 to 2023-24 (up to 30/06/2024)

5. PROGRAMME DETAILS

(a) **Program Offered:** B.E in Information Science and Engineering

(b) **Nature of Programme:** 4 years

(c) **Sanctioned Intake:** 120

(d) **Year wise students:**

B.E in ISE (2021-22)	1 st Year	2 nd Year	3 rd Year	4 th Year
No. of students	114	129	132	99

(e) **Lateral Entry:** 20% in 3rd Semester (2nd Year)

6. COURSE STRUCTURE (AS PER AFFILIATED UNIVERSITY)

Sl No	Semester	Subject Code	Subject Name
1	I [PHYSICS CYCLE]	18MAT11	Calculus And Linear Algebra
2		18PHY12	Engineering Physics
3		18ELE13	Basic Electrical Engineering
4		18EGDL15	Elements Graphics
5		18CIV14	Elements Of Civil Engineering And Mechanics
6		18PHYL16	Engineering Physics Laboratory

7		18ELEL17	Basic Electrical Engineering Laboratory
8		18EGH18	Technical English
9	II [CHEMISTRY CYCLE]	18MAT21	Advance Calculus And Numerical Methods
10		18CHE22	Engineering Chemistry
11		18CPS23	C Programming For Problem Solving
12		18ELN24	Basic Electronics
13		18CED25	Elements Of Mechanical Engineering
14		18CHEL26	Engineering Chemistry Laboratory
15		18CPL27	C Programming Laboratory
16		18EGH28	Technical English-Ii
17		III	18MAT31
18	18CS32		Data Structures And Application
19	18CS33		Analog And Digital Electronics
20	18CS34		Computer Organization
21	18CS35		Software Engineering
22	18CS36		Discrete Mathematical Structures
23	18CPL37		Analog And Digital Electronics Laboratory
24	18CPL38		Data Structures Laboratory
25	18KVK39		Vyavaharika Kannada (Kannada For Communication)/
	18KAK39		Aadalitha Kannada (Kannada For Administration)
	OR		OR
	18CPC39		Constitution Of India, Professional Ethics And Cyber Law
26	IV	18MAT41	Complex Analysis, Probability And Statistical Methods
27		18CS42	Design And Analysis Of Algorithms
28		18CS43	Operating Systems
29		18CS44	Microcontroller And Embedded Systems
30		18CS45	Object Oriented Concepts

31		18CS46	Data Communication	
32		18CSL47	Design And Analysis Of Algorithms Laboratory	
33		18CSL48	Microcontroller And Embedded Systems Laboratory	
34		18KVK39	Vyavaharika Kannada (Kannada For Communication)/	
		18KAK39	Aadalitha Kannada (Kannada For Administration)	
		OR	OR	
		18CPC39	Constitution Of India, Professional Ethics And Cyber Law	
35	V	18CS51	Management And Entrepreneurship For It Industry	
36		18CS52	Computer Networks	
37		18CS53	Database Management System	
38		18CS54	Automata Theory And Computability	
39		18CS55	Application Development using Python	
40		18CS56	Unix Programming	
41		18CSL57	Computer Network Laboratory	
42		18CSL58	DBMS Laboratory With Mini Project	
43		18CIV59	Environmental Studies	
44		VI	18IS61	File Structures
45			18IS62	Software Testing
46	18CS63		Web Technology and its Applications	
47	18CS641		Data Mining and Data Warehousing*	
48	18CS642		Object Oriented Modelling and Design*	
49	18CS643		Cloud Computing and it's Applications*	
50	18CS644		Advanced JAVA and J2EE*	
51	18CS645		Information Management System*	
52	18MAT653		Advance Linear Algebra*	
53	18ME651		Non-Conventional Energy Source*	

54		18CV654	Sustainability Concepts in Civil Engineering*
55		18EC651	Signal Processing*
56		18EC652	Sensors and Signal Conditioning*
57		18EC653	Virtual Instrumentation*
58		18EC654	Microcontrollers*
59		18EC655	Basic VLSI Design*
60		18ISL66	File Structures Laboratory with mini project
61		18CSMP68	Mobile Application Development
62	VII	18CS71	Artificial Intelligence and Machine Learning
63		18CS72	Big Data Analytics
64		18CS731	Software Architecture and Design Patterns*
65		18CS732	High Performance Computing*
66		18CS733	Advanced Computer Architectures*
67		18CS734	User Interface Design*
68		18CS741	Digital Image Processing*
69		18CS742	Network Management*
70		18CS743	Natural Language Processing*
71		18CS744	Cryptography*
72		18CS745	Robotic Process Automation Design & Development*
73	VIII	18CS81	Internet Of Things
74		18CS821	Mobile Computing*
75		18CS822	Storage Area Networks*
76		18CS823	NoSQL Database*
77		18CS824	Multicore Architecture and Programming*
78		18CSP83	Project Work Phase-2
79		18CSS84	Technical Seminar
80		18CSI85	Internship

7. SUBJECT SCHEME (AS PER AFFILIATED UNIVERSITY)

3rd Semester

Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	BSC	18MAT31	Transform Calculus, Fourier Series And Numerical Techniques	Mathematics	2	2	--	03	40	60	100	3
2	PCC	18CS32	Data Structures and Applications	CS / IS	3	2	--	03	40	60	100	4
3	PCC	18CS33	Analog and Digital Electronics	CS / IS	3	0	--	03	40	60	100	3
4	PCC	18CS34	Computer Organization	CS / IS	3	0	--	03	40	60	100	3
5	PCC	18CS35	Software Engineering	CS / IS	3	0	--	03	40	60	100	3
6	PCC	18CS36	Discrete Mathematical Structures	CS / IS	3	0	--	03	40	60	100	3
7	PCC	18CSL37	Analog and Digital Electronics Laboratory	CS / IS	--	2	2	03	40	60	100	2
8	PCC	18CSL38	Data Structures Laboratory	CS / IS	--	2	2	03	40	60	100	2
9	HSMC	18KVK39	Vyavaharika Kannada (Kannada for communication)/	HSMC	--	2	--	--	100	--	100	1
		18KAK39	Aadalitha Kannada (Kannada for Administration)									
		OR	OR									
		18CPC39	Constitution of India, Professional Ethics and Cyber Law		1	--	--	02	40	60		
TOTAL					17	08	04	24	420	480	900	24
					OR	OR	04	OR	OR	OR		
					18	10	04	26	360	540		

4th Semester

Sl. No	Course and Course Code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	BSC	18MAT41	Complex Analysis, Probability And Statistical Methods	Mathematics	2	2	--	03	40	60	100	3
2	PCC	18CS42	Design and Analysis of Algorithms	CS / IS	3	2	--	03	40	60	100	4
3	PCC	18CS43	Operating Systems	CS / IS	3	0	--	03	40	60	100	3
4	PCC	18SC44	Microcontroller and Embedded Systems	CS / IS	3	0	--	03	40	60	100	3
5	PCC	18CS45	Object Oriented Concepts	CS / IS	3	0	--	03	40	60	100	3
6	PCC	18CS46	Data Communication	CS / IS	3	0	--	03	40	60	100	3
7	PCC	18CSL47	Design and Analysis of Algorithm Laboratory	CS / IS	--	2	2	03	40	60	100	2
8	PCC	18CSL48	Microcontroller and Embedded Systems Laboratory	CS / IS	--	2	2	03	40	60	100	2
9	HSMC	18KVK49	Vyavaharika Kannada (Kannada for communication)/	HSMC	--	2	--	--	100	--	100	1
		18KAK49	Aadalitha Kannada (Kannada for Administration)									
		OR	OR									
		18CPC39	Constitution of India, Professional Ethics and Cyber Law		1	--	--	02	40	60		
TOTAL					17	08	04	24	420	480	900	24
					OR	OR	04	OR	OR	OR		
					18	10	04	26	360	540		

5th Semester

Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	HSMC	18CS51	Management, Entrepreneurship for IT Industry	HSMC	2	2	--	03	40	60	100	3
2	PCC	18CS52	Computer Networks and Security	CS / IS	3	2	--	03	40	60	100	4
3	PCC	18CS53	Database Management System	CS / IS	3	2	--	03	40	60	100	4
4	PCC	18CS54	Automata theory and Computability	CS / IS	3	--	--	03	40	60	100	3
5	PCC	18CS55	Application Development using Python	CS / IS	3	--	--	03	40	60	100	3
6	PCC	18CS56	Unix Programming	CS / IS	3	--	--	03	40	60	100	3
7	PCC	18CSL57	Computer Network Laboratory	CS / IS	--	2	2	03	40	60	100	2
8	PCC	18CSL58	DBMS Laboratory with mini project	CS / IS	--	2	2	03	40	60	100	2
9	HSMC	18CIV59	Environmental Studies	Civil/ Environmental [Paper setting: Civil Engineering Board]	1	--	--	02	40	60	100	1
TOTAL					18	10	04	26	360	540	900	25

6th Semester

Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P					
1	PCC	18IS61	File Structures	CS / IS	3	2	--	03	40	60	100	4
2	PCC	18IS62	Software Testing	CS / IS	3	2	--	03	40	60	100	4
3	PCC	18CS63	Web Technology and its applications	CS / IS	3	2	--	03	40	60	100	4
4	PEC	18CS64X	Professional Elective -1	CS / IS	3	--	--	03	40	60	100	3
5	OEC	18CS65X	Open Elective –A	CS / IS	3	--	--	03	40	60	100	3
6	PCC	18ISL66	Software Testing Laboratory	CS / IS	--	2	2	03	40	60	100	2
7	PCC	18ISL67	File Structures Laboratory with mini project	CS / IS	--	2	2	03	40	60	100	2
8	MP	18CSMP68	Mobile Application Development	CS / IS	--	--	2	03	40	60	100	2
9	INT	--	Internship	(To be carried out during the intervening vacations of VI and VII semesters)				--	--	--	--	--
TOTAL					15	10	06	24	320	480	800	24

7th Semester

Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination			Credits	
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
					L	T	P					
1	PCC	18CS71	Artificial Intelligence and Machine Learning	CS / IS	4	--	--	03	40	60	100	4
2	PCC	18CS72	Big Data Analytics	CS / IS	4	--	--	03	40	60	100	4
3	PEC	18CS73X	Professional Elective – 2	CS / IS	3	--	--	03	40	60	100	3
4	PEC	18CS74X	Professional Elective – 3	CS / IS	3	--	--	03	40	60	100	3
5	OEC	18CS75X	Open Elective –B	CS / IS	3	--	--	03	40	60	100	3
6	PCC	18CSL76	Artificial Intelligence and Machine Learning Laboratory	CS / IS	--	--	2	03	40	60	100	2
7	Project	18CSP77	Project Work Phase – 1	CS / IS	--	--	2	--	100	--	100	1
8	INT	--	Internship	(If not completed during the vacation of VI and VII semesters, it has to be carried out during the intervening vacations of VII and VIII semesters)								
TOTAL					17	--	04	18	340	360	700	20

Note: PCC: Professional core, PEC: Professional Elective, OEC: Open Elective, INT: Internship.

Professional Elective - 2

Course code under 18CS73X	Course Title
18CS731	Software Architecture and Design Patterns
18CS732	High Performance Computing
18CS733	Advanced Computer Architectures
18CS734	User Interface Design

Professional Electives – 3

Course code under 18CS74X	Course Title
18CS741	Digital Image Processing
18CS742	Network management
18CS743	Natural Language Processing
18CS744	Cryptography
18CS745	Robotic Process Automation Design & Development

8th Semester

Sl. No	Course and Course code		Course Title	Teaching Department	Teaching Hours /Week			Examination			Credits	
					Theory Lecture	Tutorial	Practical/ Drawing	Duration in hours	CIE Marks	SEE Marks		Total Marks
					L	T	P					
1	PCC	18CS81	Internet of Things	CS / IS	3	--	--	03	40	60	100	3
2	PEC	18CS82X	Professional Elective – 4	CS / IS	3	--	--	03	40	60	100	3
3	Project	18CSP83	Project Work Phase – 2	CS / IS	--	--	2	03	40	60	100	8
4	Seminar	18CSS84	Technical Seminar	CS / IS	--	--	2	03	100	--	100	1
5	INT	18CSI85	Internship	(Completed during the intervening vacations of VI and VII semesters and /or VII and VIII semesters.)				03	40	60	100	3
TOTAL					06	--	04	15	260	240	500	18

Note: PCC: Professional Core, PEC: Professional Elective, OEC: Open Elective, INT: Internship.

Professional Electives – 4

Course code under 18CS82X	Course Title
18CS821	Mobile Computing
18CS822	Storage Area Networks
18CS823	NoSQL Database
18CS824	Multicore Architecture and Programming

8. THE TEAM

8.1 TEACHING STAFF

Sl. No.	Faculty Name	Educational Qualification	Designation	Date Of Joining
1	Dr. Vasudev T	B.Sc, M.Sc(Tech), PhD	Professor	02/07/2018
2	Dr. Sharath Kumar Y H	B.E, M.Tech, PhD	Professor and HOD	09/01/2015
3	Dr. Pushpa D	B.E, M.Tech, PhD	Associate Professor	16/01/2009
4	Prof. Saraswathi D	B.E, M.Tech	Assistant Professor	23/07/2009
5	Prof. Chitra C	B.E, M.Tech	Assistant Professor	18/07/2011
6	Prof. Puneeth P	B.E, M.Tech	Assistant Professor	24/07/2014
7	Prof. Amruth V	B.E, M.Tech	Assistant Professor	23/07/2015
8	Prof. Ramya S	B.E, M.Tech	Assistant Professor	23/07/2015
9	Prof. Smithashree K P	B.E, M.Tech	Assistant Professor	23/07/2015
10	Prof. Somashekhar B M	B.E, M.Tech	Assistant Professor	28/07/2016
11	Prof. Chaitrashree R	B.E, M.Tech	Assistant Professor	28/07/2016
12	Prof. Ajay Kumar B R	B.E, M.Tech	Assistant Professor	31/07/2017
13	Prof. Sharath H A	B.E, M.Tech	Assistant Professor	31/07/2017
14	Prof. Siddaraj M G	B.E, M.Tech	Assistant Professor	16/08/2010
15	Prof. Sneha D P	B.E, M.Tech	Assistant Professor	29/07/2019
16	Prof. Bhavyashree H D	B.E, M.Tech	Assistant Professor	01/08/2020
17	Prof. Sumaiya Siddique	B.E, M.Tech	Assistant Professor	01/08/2020
18	Prof. Amith Pradhaan	B.E, M.Tech	Assistant Professor	02/08/2021
19	Prof. Dharmaraj K B	B.E, M.Tech	Assistant Professor	02/08/2021

8.2 TEACHNICAL STAFF

Sl.no	Name	Designation	Qualification
1	Ramachandra R K	Lab Instructor	DME
2	Nithyananda M	Assistant Lab Instructor	MSc

8.3 SUPPORTING STAFF

Sl.no	Name	Designation	Qualification
1	Veena N	Attender	PUC
2	Rajappa S	Attender	SSLC

9. INFRASTRUCTURE

9.1 LABORATORY

(a) OASIS LABORATORY-1

Laboratory in-charge: Prof. Sharath H A

Technical Staff: Nithyananda M

Supporting Staff: Veena N

(b) OASIS LABORATORY-2

Laboratory in-charge: Prof. Ajay Kumar B R

Technical Staff: Nithyananda M

Supporting Staff: Veena N

(c) OASIS LABORATORY-3

Laboratory in-charge: Prof. Puneeth P

Technical Staff: R K Ramachandra

Supporting Staff: Rajappa S

(d) MICROCONTROLLER LABORATORY

Laboratory in-charge: Dr. Pushpa D

Technical Staff: Nithyananda M

Supporting Staff: Veena N

(e) PROJECT / RESEARCH LABORATORY**Laboratory in-charge:** Prof. Puneeth P**Technical Staff:** R K Ramachandra**Supporting Staff:** Rajappa S**9.2 REASEARCH CENTRE**

The department is a R&D centre for PhD students. This centre is approved by Visvesvaraya Technology Institute and Mysore University. The department has highly competent faculty. Several professors in the department have PhD degrees.

Areas of research are:

- Image Processing, Pattern recognition and Computer Vision
- Computer Networks
- Robotics and Artificial Intelligence.
- Machine Learning

Currently 16 Research scholars are pursuing PhD under Computer science and Engineering (Both VTU and Mysore University).

9.3 DEPARTMENT LIBRARY

Department has a library which is a source of information for various academic resources. Library collection comprises of text books, audio-visual study materials, seminar reports, project reports, application software etc which are made available for both students and faculty community for borrowing and reference.

Total number of books 183		
S/L	Type	Numbers
1	Technical Books	127
2	Conference publication Book	4
3	Encyclopaedia	1
4	On This Day History of World	1
5	Visual Dictionary	1
6	OXFORD learn and use books	4

7	Janapriya Thanrika Shishana Male	36
8	Sri R V Ganesh Memorial Lecture Series	2
9	Indian Constitution Guide	1
10	Sir M Visvesvaraya	2
11	Prospectors	3
12	Mission 10X	1

10. DEPARTMENT ADVISORY COMMITTEE

Sl.no	NAME	STAKE HOLDER STATUS	DETAILS
1	Dr. Sharath Kumar Y H	Chairman	Professor and HoD, Department of ISE, MITM
2	Prof. Amruth V	Member	Assistant Professor and NBA Coordinator, Department of ISE, MITM
3	Prof. Sumaiya Siddique	Facilitator	Assistant Professor, Department of ISE, MITM
4	Mr. Jagadish	Industrialist	Software Engineer at Infosys
5	Ms. Shifa Nayazi	Industrialist	Associate Product Manager at LeadSquared
6	Mr. Chirag Sharath	Industrialist	Founder of Gurutu
7	Mr. Rasiq Khan	Industrialist	Product Enthusiast R&D at Boat
8	Dr. B S Harish	Academician	Registrar at SJCE (JSSSTU)
9	Dr. Nagendraswamy	Academician	Professor at University of Mysore
10	Dr. Vinay	Industrialist	Software Engineer at Entity Data
11	Ms. Radhika	Industrialist	Software Engineer at Infosys

11. DEPARTMENT EVALUATION COMMITTEE

Sl.no	NAME	STAKE HOLDER STATUS	DETAILS
1	Dr. Sharath Kumar Y H	Chairman	Professor and HoD, Department of ISE, MITM
2	Prof. Amruth V	Member	Assistant Professor and NBA Coordinator, Department of ISE, MITM
3	Dr. Pushpa D	Member	Professor, Department of ISE, MITM
4	Prof. Saraswathi D	Member	Assistant Professor, Department of ISE, MITM

5	Prof. Chitra C	Member	Assistant Professor, Department of ISE, MITM
6	Prof. Puneeth P	Member	Assistant Professor, Department of ISE, MITM
7	Prof. Sharath H A	Member	Assistant Professor, Department of ISE, MITM

12. DELEGATION OF RESPONSIBILITY

12.1 Institutional Level

Sl. No.	Faculty Name	Committee	Designation
1	Dr. Vasudev T	Vice-Principal & Dean Academics	-
2	Dr. Sharath Kumar Y H	HOD, Department of Information Science and Engineering	Head of the Department
		Evaluation Committee	Member Secretary
		Accreditation Committee	Member
		IQAC	Member
		Media Cell	Chairman
		E-Waste	Member
3	Dr. Pushpa D	IQAC	Member
		Stock Verification Committee	Member
4	Prof. Saraswathi D	SC/ST Cell	Member
		Mentoring Cell	Department Coordinator
5	Prof. Chitra C	SC/ST Cell	Member
		Swachh Bharath Mission Cell	Member
6	Prof. Puneeth P	Cultural Committee	Member
7	Prof. Amruth V	Sports Committee	Member
		NBA & NAAC Coordinator	Department Coordinator
8	Prof. Somashekhar B M	Grievance Redressal Cell	Member
9	Prof. Sharath H A	ERP Software	Member
		News Letter	Department Coordinator
10	Prof. Sumaiya Siddique	IEEE Chapter	Member

11	Prof. Amith Pradhaan	Sports Committee	Member
12	Prof. Dharmaraj K B	Sports Committee	Member

12.2 Department Level

Sl. No.	Faculty Name	Responsibility
1	Dr. Vasudev T	-
2	Dr. Sharath Kumar Y H	HOD, Department of Information Science and Engineering
		Evaluation Committee
		Accreditation Committee
		IQAC
		Media Cell
		E-Waste
3	Dr. Pushpa D	Internal Assessment Coordinator
		Stock Verification Committee
4	Prof. Saraswathi D	Mentoring Cell
		Criteria - 8 Coordinator
5	Prof. Chitra C	Criteria – 3 Coordinator
6	Prof. Puneeth P	Cultural Coordinator
		Criteria -5 Coordinator
7	Prof. Amruth V	Sports Coordinator
		NBA and NAAC Coordinator
		Department physical file coordinator
		Department Accreditation Committee Member
8	Prof. Ramya S	2 nd and 3 rd year Internship Coordinator
9	Prof. Smithashree K P	
10	Prof. Somashekhar B M	Time Table Coordinator

		Department Accreditation Committee Member
		Faculty Workshop Coordinator
11	Prof. Chaitrashree R	Department Library Coordinator
		Criteria – 6 Coordinator
		VTU Memo, Circular Coordinator
12	Prof. Ajay Kumar B R	Lab Manuals Coordinator
		Department Infrastructure Coordinator
13	Prof. Sharath H A	Department News Letter Coordinator
		ERP Coordinator
14	Prof. Siddaraj M G	Student List Coordinator
		Department placement Coordinator
15	Prof. Sneha D P	Final year Internship Coordinator
16	Prof. Bhavyashree H D	IA marks and Attendance Coordinator
17	Prof. Sumaiya Siddique	Criteria - 1 Coordinator
		Department Accreditation Committee Member
18	Prof. Amith Pradhaan	Criteria – 2 Coordinator
		Final year project coordinator
		Teachers Training Coordinator
19	Prof. Dharmaraj K B	Criteria – 9 and 10 Coordinator

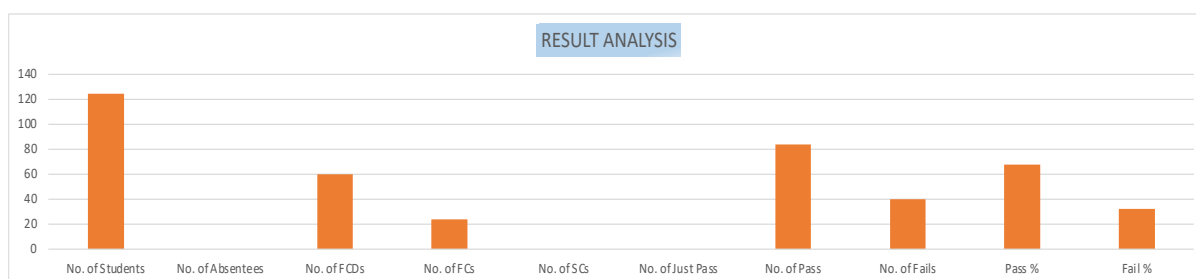
13. RESULT ANALYSIS

13.1 ODD SEMESTER (2021-22)

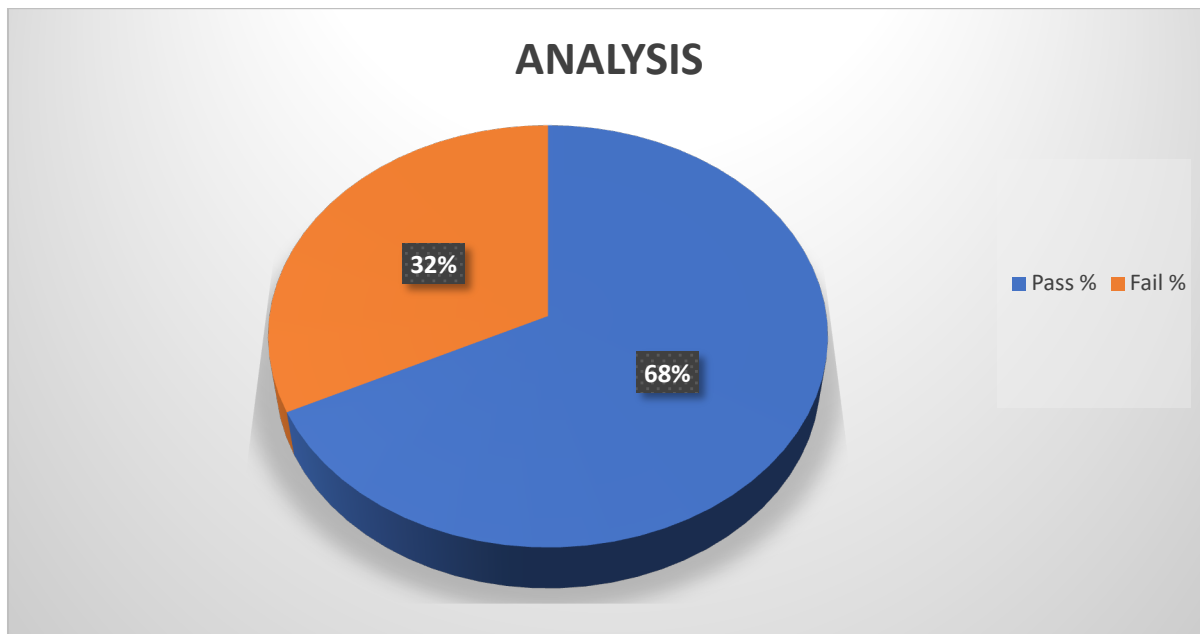
13.1.1 3RD SEMESTER

OVERALL RESULT ANALYSIS

No. of Students	124
No. of Absentees	0
No. of FCDs	60
No. of FCs	24
No. of SCs	0
No. of Just Pass	0
No. of Pass	84
No. of Fails	40
Pass %	67.74193548
Fail %	32.25806452



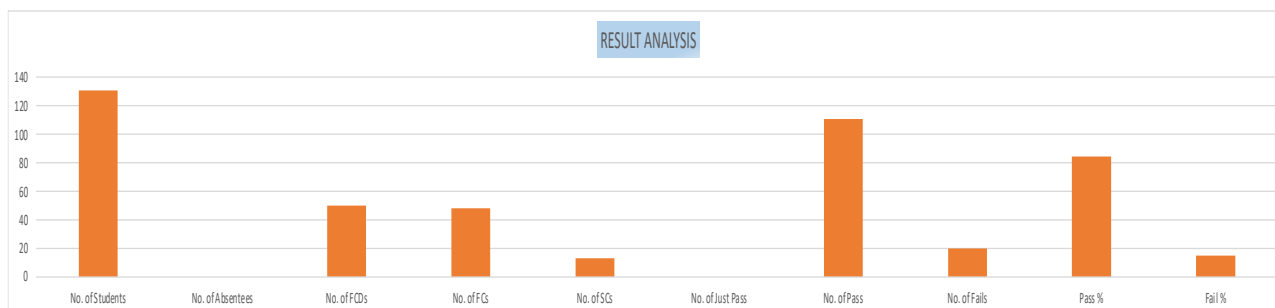
SUBJECT WISE ANALYSIS	18MA T31 M3	18CS 32 DSC	18CS 33 ADE	18CS 34 CO	18CS 35 SE	18CS 36 DMS	18CSL 37 ADE LAB	18CSL 38 DSC LAB	18KAK 39 KANN ADA
Max	92	89	86	85	87	95	100	100	100
Min	20	31	25	27	29	23	62	36	69
less than 50	40	9	29	39	23	23	0	3	0
50 -59 (SC)	29	22	38	40	33	21	0	2	0
60-69 (FC)	25	28	35	33	31	30	4	3	1
70 & above (FCD)	30	65	22	12	37	50	120	116	122
Absent	0	0	0	0	0	0	0	0	0
Total Pass	98	117	105	105	115	104	124	120	124
Total Fail	26	7	19	19	8	19	0	3	0
Pass %	79.032 3	94.3 55	84.67 74	84.6 77	92.74 19	83.8 71	100	96.774	100
Fail %	20.967 7	5.64 52	15.32 26	15.3 23	6.451 61	15.3 23	0	2.4194	0



13.1.2 5TH SEMESTER

OVERALL RESULT ANALYSIS

No. of Students	131
No. of Absentees	0
No. of FCDs	50
No. of FCs	48
No. of SCs	13
No. of Just Pass	0
No. of Pass	111
No. of Fails	20
Pass %	84.73282443
Fail %	15.26717557

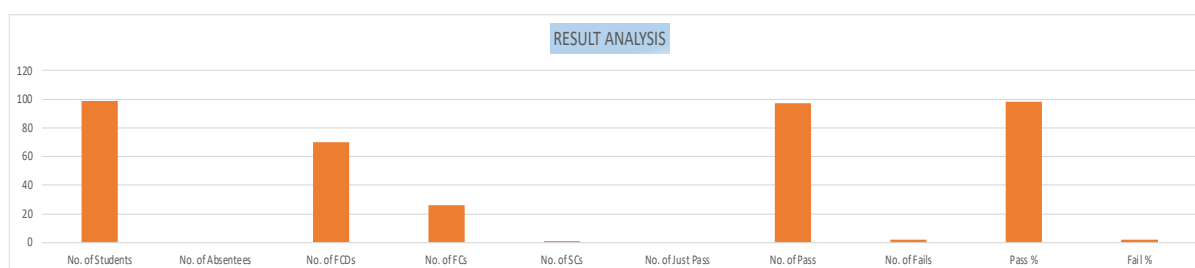


SUBJECT WISE ANALYSIS	18CS51 ME	18CS52 CN	18CS53 DBMS	18CS54 ATC	18CS55 ADP	18CS56 UP	18CS57 CN LAB	18CS58 DBMS LAB	18CS59
Max	95	91	88	93	88	88	100	98	94
Min	28	0	0	22	23	33	0	22	60
less than 50	12	35	45	20	30	16	9	1	0
50 -59 (SC)	30	32	37	35	33	19	9	4	0
60-69 (FC)	50	38	41	38	34	47	60	19	17
70 & above (FCD)	39	34	16	38	34	49	61	107	114
Absent	0	0	0	0	0	0	0	0	0
Total Pass	127	125	121	122	121	131	131	131	131
Total Fail	4	6	10	9	10	0	0	0	0
Pass %	96.946 56489	95.419 84733	92.366 41221	93.129 77099	92.366 41221	100 221	100	100	100
Fail %	3.0534 35115	4.5801 52672	7.6335 87786	6.8702 29008	7.6335 87786	0	0	0	0

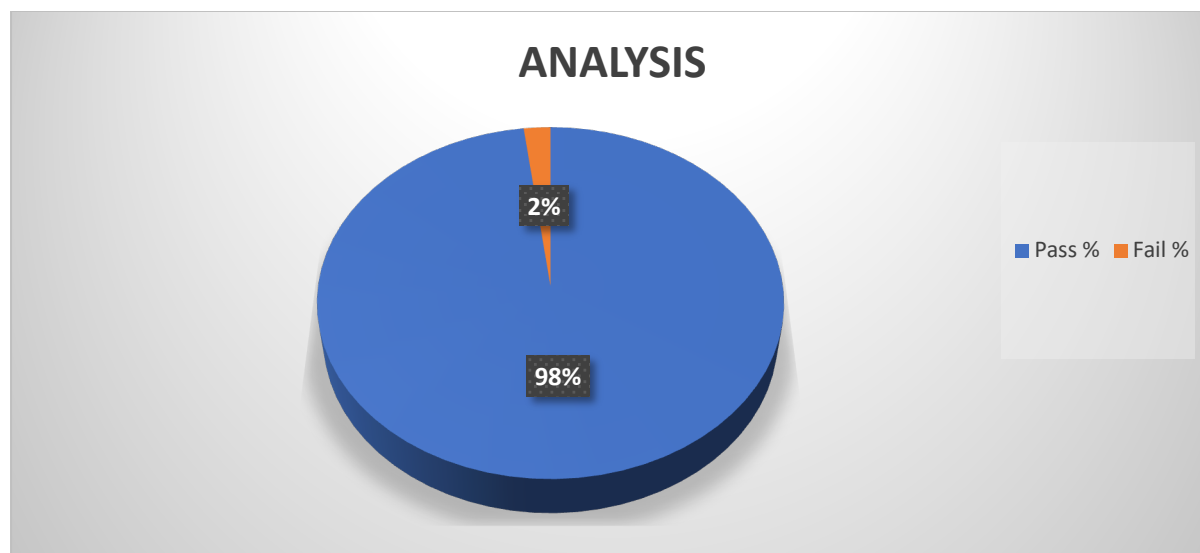
13.1.3 7TH SEMESTER

OVERALL RESULT ANALYSIS

No. of Students	99
No. of Absentees	0
No. of FCDs	70
No. of FCs	26
No. of SCs	1
No. of Just Pass	0
No. of Pass	97
No. of Fails	2
Pass %	98
Fail %	2



SUBJECT WISE ANALYSIS	AI& ML-18CS 71	BD A-18C S72	UID -18C S734	DIP-18C S74 1	MEC H-18ME 751	CIVI L-18CV 753	MATH S-18MA T753	AIML LAB-18CSL 76	18CSP77 PROJECT PHASE 1
Max	83	83	87	88	91	78	96	99	98
Min	34	46	46	0	0	0	0	0	0
less than 50	9	2	6	45	58	133	129	41	41
50 -59 (SC)	23	12	23	15	2	2	0	0	0
60-69 (FC)	39	44	32	35	15	3	2	4	0
70 & above (FCD)	28	41	38	45	63	2	9	95	99
Absent	0	0	0	0	0	0	0	0	0
Total Pass	97	99	99	99	140	140	140	99	99
Total Fail	2	0	0	41	0	0	0	41	41
Pass %	97.97 9798	100	100	100	141.4 1414	141.4 1414	141.41 414	100	100
Fail %	2.020 202	0	0	41.4 1414 1	0	0	0	41.414 141	41.414141

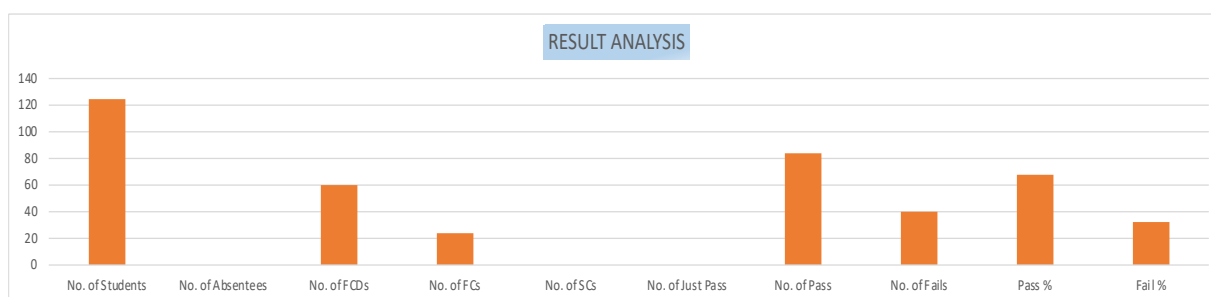


13.2 EVEN SEMESTER (2021-22)

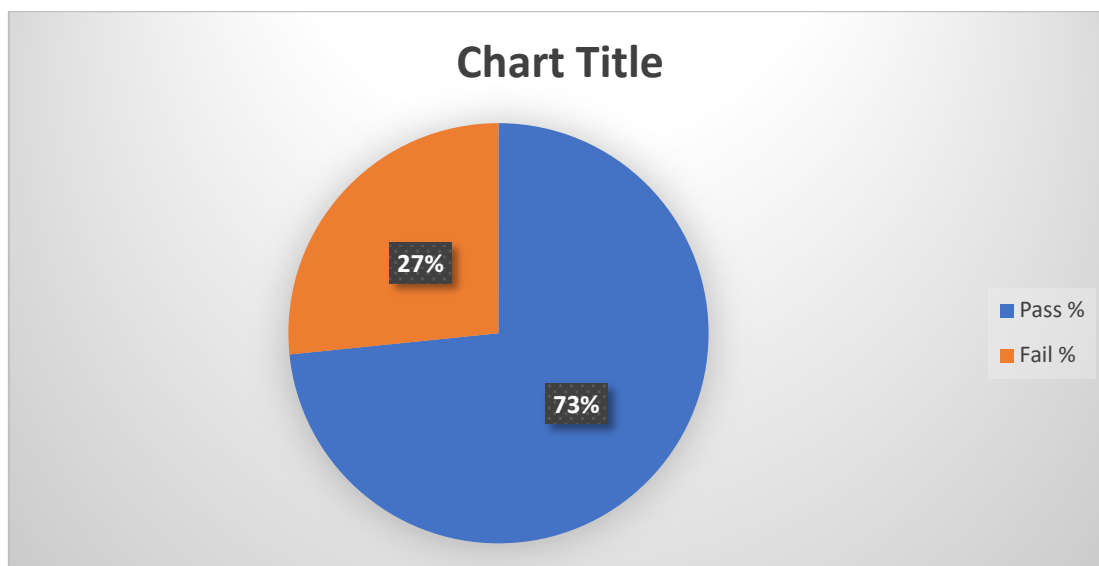
13.2.1 4TH SEMESTER

OVERALL RESULT ANALYSIS

No. of Students	124
No. of Absentees	0
No. of FCDs	62
No. of FCs	27
No. of SCs	2
No. of Just Pass	0
No. of Pass	91
No. of Fails	33
Pass %	73.38709677
Fail %	26.61290323



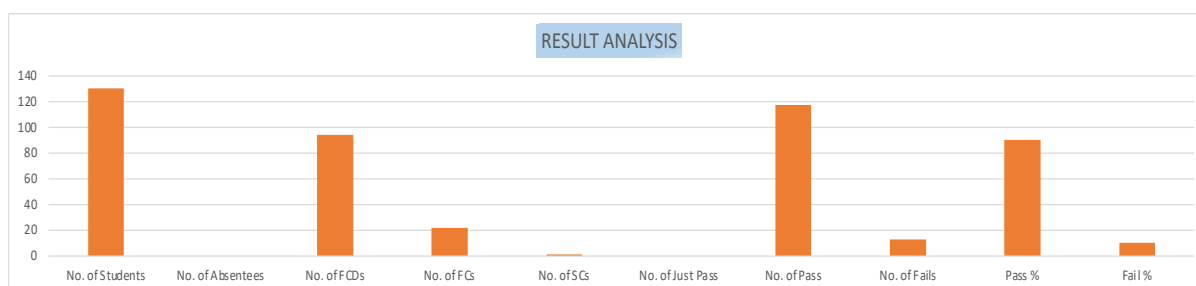
SUBJECT WISE ANALYSIS	18M AT41 M4	18C S42 DA A	18C S43 OS	18C S44 ME S	18C S45 OO C	18C S46 DC	18CS L47 DAA LAB	18CS L48 MES LAB	18KA K39 KANN ADA
Max	99	93	94	90	87	89	100	100	71
Min	19	33	35	34	30	24	74	40	53
less than 50	21	14	18	14	20	13	0	1	0
50 -59 (SC)	26	20	27	31	27	30	0	2	11
60-69 (FC)	21	43	29	31	33	31	0	17	108
70 & above (FCD)	56	47	50	48	44	50	124	104	5
Absent	0	0	0	0	0	0	0	0	0
Total Pass	110	116	113	119	106	120	124	122	124
Total Fail	14	8	11	5	18	4	0	1	0
Pass %	88.70 97	93.5 48	91.1 29	95.9 68	85.4 839	96.7 74	100	98.38 7	100
Fail %	11.29 03	6.45 16	8.87 097	4.03 23	14.5 161	3.22 58	0	0.806 5	0



13.2.2 6TH SEMESTER

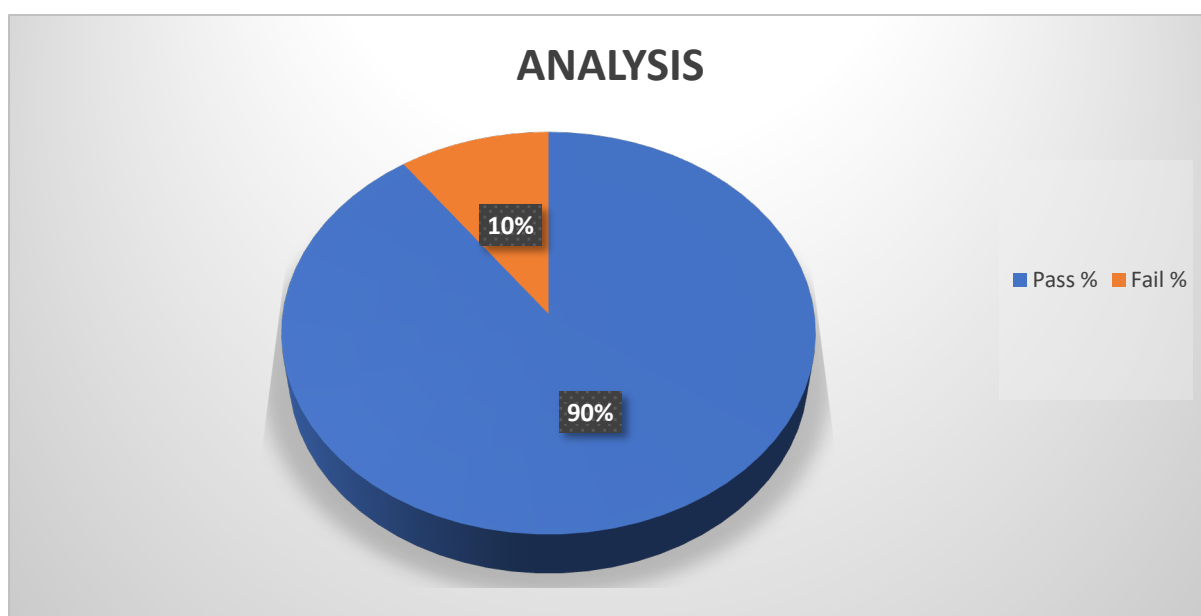
OVERALL RESULT ANALYSIS

No. of Students	130
No. of Absentees	0
No. of FCDs	94
No. of FCs	22
No. of SCs	1
No. of Just Pass	0
No. of Pass	117
No. of Fails	13
Pass %	90
Fail %	10



SUBJECT WISE ANALYSIS	18IS 61	18IS 62	18CS 63	18CS 641	18ME 651	18MAT 653	18ISL 66	18ISL 67	18CSM P68
Max	93	96	88	86	93	80	100	100	100
Min	25	22	33	21	0	0	21	49	39
less than 50	16	9	13	19	13	121	1	1	1

50 -59 (SC)	27	21	37	39	8	2	1	6	0
60-69 (FC)	44	29	46	34	41	3	1	8	7
70 & above (FCD)	43	71	34	38	68	4	127	115	122
Absent	0	0	0	0	0	0	0	0	0
Total Pass	125	124	121	122	127	130	129	130	129
Total Fail	5	6	9	8	3	0	1	0	1
Pass %	96.1 54	95.3 8	93.07 7	93.84 6	97.692 3	100	99.23 1	100	99.2308
Fail %	3.84 62	4.61 5	6.923 1	6.153 8	2.3076 9	0	0.769 2	0	0.76923



13.2.3 8TH SEMESTER

OVERALL RESULT ANALYSIS

No. of Students	99
No. of Absentees	0
No. of FCDs	99
No. of FCs	0
No. of SCs	0
No. of Just Pass	0
No. of Pass	99
No. of Fails	0
Pass %	100
Fail %	0

14. TOPPER LIST

The following students are the toppers for the academic year 2021-2022

1st SEM

Sl. No	Name	USN	SEM	Total	%	Average
1	SHAMITHA R	4MH21IS082	1 st	827	91.9	91.61
			2 nd	822	91.33	
2	ANUSHREE M	4MH21IS012	1 st	812	90.20	91.11
			2 nd	828	92	
3	POORNIMA M H	4MH21IS055	1 st	828	92	91
			2 nd	810	90	
4	SANDYA M	4MH21IS078	1 st	826	91.8	90.61
			2 nd	805	89.44	

2nd Year

Sl. No	Name	USN	SEM	Total	%	Average
1	CHETHAN K	4MH20IS022	3 rd	812	90.22	87.50
			4 th	763	84.77	
2	RAKSHITHA N H	4MH20IS069	3 rd	789	87.667	85.722
			4 th	754	83.778	
3	ANANYA S	4MH20IS015	3 rd	763	84.778	84.556
			4 th	759	84.333	
4	RAJESH S	4MH20IS065	3 rd	755	83.889	83.333
			4 th	745	82.778	

3rd Year

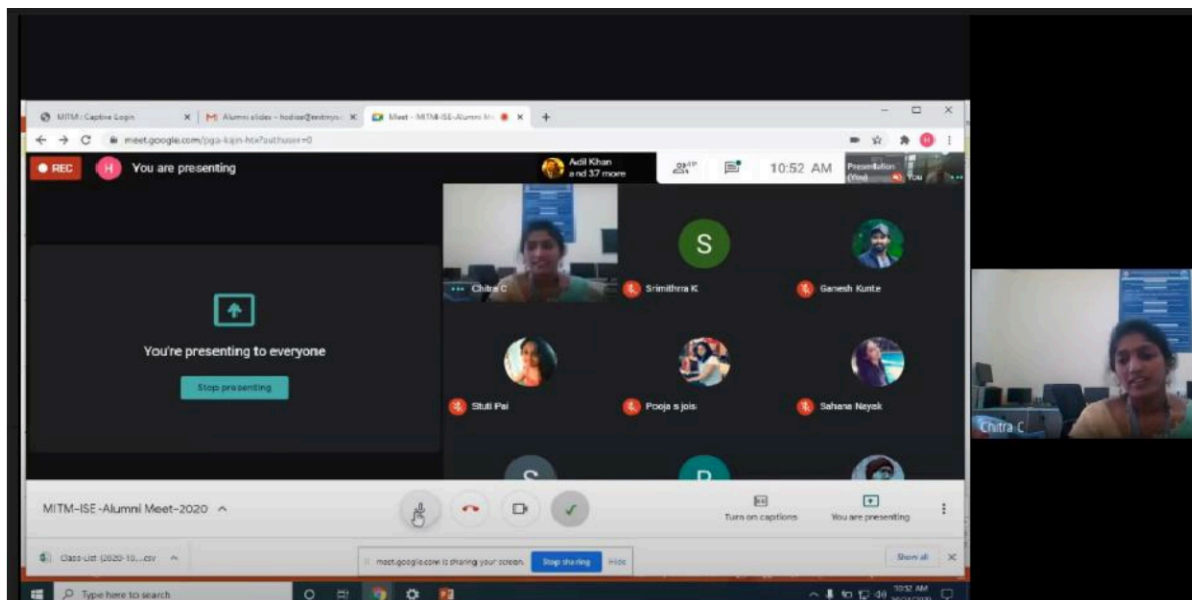
Sl. No	Name	USN	SEM	Total	%	Average
1	YASHASWINI M	4MH19IS124	5 th	806	89.55556	91.59028
			6 th	749	93.625	
2	CHAITHRA P	4MH19IS019	5 th	797	88.55556	87.02778
			6 th	684	85.5	
3	SACHITHA M V	4MH19IS085	5 th	741	82.33333	84.47917
			6 th	693	86.625	
4	HARSHITHA H S	4MH19IS030	5 th	727	80.77778	83.88889
			6 th	696	87	

4th Year

Sl. No	Name	USN	SEM	Total	%	Average
1	AISHWARYA K	4MH18IS004	7 th	593	84.71429	87.85714
			8 th	455	91	
2	NITHYA DEEPAK	4MH18IS052	7 th	581	83	87.1
			8 th	456	91.2	
3	ULLAS M	4MH18IS098	7 th	573	81.85714	86.82857

			8 th	459	91.8	
4	SOUNDARYA K	4MH18IS082	7 th	592	84.57143	86.38571
			8 th	441	88.2	

15. ALUMNI MEET



The alumni meet 2020 was conducted by the Department of Information Science and Engineering, MIT Mysore on 24th of October 2020 through Virtual mode due to pandemic. Initially Alumni meet was planned to conduct offline mode during April 2020 but due to pandemic it was postponed to above said date. Upon approval from the Principal, the alumni meet was scheduled for the above said date and the entire staff involved in inviting Alumni from all the batches to the meet through all possible modes of communication media. Meet was inaugurated by Principal, Dr B G Naresh Kumar and addressed by Dr T Vasudev, Secretary MET Mysore. Head of the Dept presented the idioms of the department like Vision, Mission, Program Educational Objectives, and Program Specific Outcomes, Accreditation by NBA, and also Vision and Mission statements of the Institute were made known to the alumni present. All the Alumnae shared their college day's memories, thoughts and experiences of their workplaces. The response was satisfactory as the attendance marked 50. Few of the Alumni shared their experience and thanked the department for their continuous support. Also their suggestions towards the department were noted. Finally, meet was concluded and thanked the Alumnae for attending the session by Dr Pushpa D.

16. INNOVATION BY FACULTY IN TEACHING AND LEARNING

16.1 Information And Communication Technology (ICT)

The new developments in the information technologies have opened up fresh prospective in teaching and learning. At the department we make use of various ICT tools in order to improve instruction methods.

16.1.1 Use Of ICT As Classroom Technology

Use of ICT as class room technology includes information presentation through overhead / LCD projectors, Television and Electronic boards etc.



16.1.2 ICT Implementation In Online Learning

The National Program on Technology Enhanced Learning [NPTEL] is an initiative by seven IIT's and IISc for creating course contents in Engineering and science. They create contents for numerous courses as web based supplements and many complete video courses, for forty hours of duration per course. At the department, faculties often refers to the NPTEL course contents which will be useful for teacher training and through them improve the quality of students. In addition, the course materials (both web and video) are freely accessible on NPTEL website. Following table shows the information about the online courses successfully completed on NPTEL by faculty members at the department.

16.1.3 Instructional Methods (Lecturing)

At the department faculty members follow the black board teaching method of the syllabus prescribed by the university according to the lesson plan.

16.2 PEER DEMONSTRATION

Demonstration helps to prove a fact through a combination of visual evidence and associated reasoning. Demonstrations help to raise student interest and reinforce memory retention because they provide connections between facts and real-world applications of those facts. Demonstrating instruction method means teaching through examples or experiments.



Figure: Demonstration of Stack

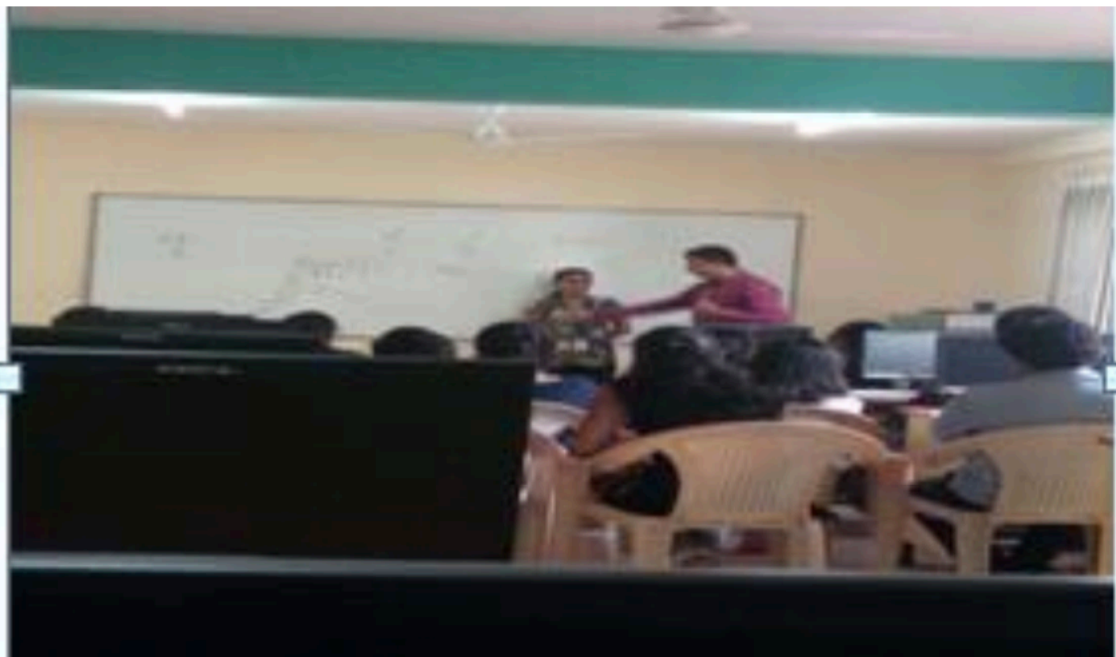


Figure: Demonstration of Queue



Figure: Demonstrating Search and Sorting Techniques

17. LIST OF COMPUTING FACILITY IN THE DEPARTMENT

S/L	LAB/ ROOM NO	NO OF SYSTEMS	NO OF ROUTERS	NO SWITCHES	NO OF PRINTERS	Others
1	EC-LD LAB	32	-	-	-	Projector-1
2	OASIS- LAB 1	32	-	2	1	Modem-1
3	OASIS- LAB 2	32	-	2	-	
4	OASIS- LAB 3	61	-	4	1	Projector-1
5	HOD ROOM	1	-	1	1	Scanner- 1

6	STAFF ROOM- 322	-	-	1	-	Modem-1
7	STAFF ROOM- 327	-	-	-	-	-
8	STAFF ROOM- 323	-	-	1	-	-
9	STAFF ROOM- M002	-	-	-	-	-
10	CLASS ROOM - 325	-	-	-	-	Projector-1 Projector Screen-1
11	Project Lab	15	-	1	-	-
12	Class Room- M003	-	-	1	-	Projector-1
13	Class Room- M005	-	-	-	-	Projector-1
14	Class Room-229	-	-	-	-	Projector-1
15	Class theater-230	-	-	-	-	Projector-1
16	Class theater-325	-	-	-	-	Projector-1
17	Class Room-324	-	-	-	-	Projector-1

18. LIST OF FACULTY ROOMS

SI NO	Room no	Room Description	Usage	Shared/ Exclusive	Total capacity	Equipped with PC, Internet
1	M002	STAFF ROOM Total area: 32 sq. Mtr	Utilized	Shared	5	Internet
2	228	HOD ROOM Total area: 32 sq. Mtr	Utilized	Exclusive	1	PC, Internet , printer
3	322	STAFF ROOM Total area: 32 sq. Mtr	Utilized	Shared	5	Internet
4	323	STAFF ROOM Total area: 32 sq. Mtr	Utilized	Shared	5	Internet
5	327	STAFF ROOM Total area: 35.82 sq. Mtr	Utilized	Shared	5	Internet

19. LIST OF CLASSROOMS

SI NO	ROOM NO	ROOM DESCRIPTION	USAGE	SHARED/ EXCLUSIVE	TOTAL CAPACITY	EQUIPPED WITH PC, INTERNET
1	M003	Class room No of desks : 17 Podium: 1	3 rd and 4 th SEM	Exclusive	60	Projector CCTV

		Green board: 1 Total area: 65.6 sqMtr				
2	M005	Class room No of desks : 17 Podium: 1 Green board: 1 Total area: 65.6 sq. Mtr	3 rd and 4 th SEM	Exclusive	60	Projector CCTV
3	229	Class room No of desks : 22 Podium: 1 Green board: 1 Total area: 65.6 sq. Mtr	5 th and 6 th SEM	Exclusive	60	Projector CCTV
4	230	Class theater No of desks : 10 Podium: 1 Green board: 1 Total area: 99.0 sq.Mtr	7 th and 8 th SEM	Exclusive	60	Projector Projector Screen CCTV
5	324	Class room No of desks : 15 Podium: 1 Green board: 1 Total area: 65.6 sq.Mtr	5 th and 6 th SEM	Exclusive	60	Projector CCTV
6	325	Class theater No of desks : 10 Podium: 1 Green board: 1	7 th and 8 th SEM	Exclusive	60	Projector Projector Screen CCTV Speakers

		Total area: 99.0 sq.Mtr				
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20. MEMORANDUM OF UNDERSTANDING (MoU)

a) **Kaynes Technology Pvt Ltd**

Date of Collaboration: 13-October-2022

Under this MoU, Industrial Supported Laboratory is established at the department. Internship was provided for the students. Boot Camp was conducted on Embedded Systems and IoT.

b) **Win Research Centre**

Date of Collaboration: 7-September-2022

Under this MoU, Boot Camp was conducted on Data Science and Visualization, Artificial Intelligence and Web Technology.

c) **Agamy Cyber Tech**

Date of Collaboration: 30-May-2022

Under this MoU, Boot Camp was conducted on Digital Forensics.

d) **K2V Infotech LLP**

Date of Collaboration: 24-February-2020

Under this MoU, Boot Camp was conducted on Web Application, Mobile Application Development, Oracle ERP, Java and .NET.

e) **Code Tantra Tech Solutions Pvt Ltd**

Date of Collaboration: 22-February-2020

Under this MoU, Interactive teaching platform is build and implemented in a manner that both the parties will work together, to attain the expected end results that would lead to create 'Jobs' & 'Employment Ready' for IT Industry.

f) Code Proofs Pvt Ltd**Date of Collaboration:** 4-October-2019

Under this MoU, Internships were provided for the Students. Industrial visit to the company was initiated.

g) Equilizer RCM**Date of Collaboration:** 6-September-2019

Under this MoU, Internships were provided for the Students.

h) VSG Software Solutions**Date of Collaboration:** 3-April-2019

Under this MoU, assistance for the students regarding placements were given.

i) Amodha Infotech, Mysore**Date of Collaboration:** 20-October-2017

Under this MoU, Joint Collaborative work in R&D projects, internship and placement assistance was provided to the students.

j) RunShaw Technologies, Mandya**Date of Collaboration:** 1-July-2017

Under this MoU, Joint Collaborative work in R&D projects, internship and placement assistance was provided to the students.

21. HOD – TEACHING STAFF MEETING AND PROCEEDINGS**a) Semester Start-Up Awareness**

Agenda: Calendar of events, Advisory Committee team selection discussion, Events conduction, Internal auditing, NAAC visit discussion, SAR updates, GAP analysis, Program exit survey.

b) Course coordinator allotment

Agenda: Awareness about the course coordinators, Standards to build the course files accordingly.

c) Advisory Committee Meeting

Agenda: Member details, Flow of the event.

d) Event Organization and IA conduction

Agenda: Organization of the events during the current academic semester and Conduction of IA according to the NBA standardization.

e) ISTE Chapter meeting

Agenda: Topic to be conducted under ISTE banner “Current trends in Machine Learning and Image Processing” was put forward in the meeting.

f) Project Batch allotment

Agenda: Team formation guidelines and last date to form the team.

g) Project team formation

Agenda: Finalized team formation for the final year project work.

h) Discussion regarding Project Work Phase-1

Agenda: Synopsis Schedule and Synopsis report review.

i) Project work guide allotment

Agenda: Guide allotment, Topic review and Synopsis report review.

j) Mentoring process review

Agenda: Understanding the student strength and weakness, Discussion about backlogs, Encouragement to the students to do certification courses, Encouragement to do mini project and conduction of aptitude test.

k) Excel Sheet updates and Project work briefing

Agenda: IA marks entry over the server, Attendance shortage, Feedback and Events Organized details.

l) Course coordinator allotment

Agenda: Awareness about the course coordinators, Standards to build the course files accordingly.

m) Meeting on “Digital Students Counselling Camp”

Agenda: Awareness about the program.

n) Project work literature survey meet

Agenda: Literature survey schedule and Literature survey report review.

o) DAC committee meeting

Agenda: CO-PO correlation, PAM analysis, GAP in university CO-PO mapping.

p) Bright and weak student classification

Agenda: Initiatives to encourage bright students and Initiatives to assist weak students.

q) Exit meeting of the academic year

Agenda: HOD thanked all the faculties for the successful conduction of the academic year.

22. PLACEMENT STATISTICS**PLACED STUDENTS LIST 2021-2022**

SL. NO	NAME	USN	COMPANY NAMES	PACKAGE
1.	LEELAVATHI S N	4MH18IS040	Tecnotree	5LPA
2.	GIRIJAGAMANA SATISH HEGDE	4MH18IS030	IBM	4.25 LPA
3.	NITHYA DEEPAK	4MH18IS052	Tecnotree	5LPA

4.	AISHWARYA K	4MH18IS004	Tecnotree	5LPA
5.	ADITYA SHARRMA	4MH18IS002	TCS	3.36LPA
6.	MOHAMMED USMAN	4MH18IS047	IBM	4.25
7.	SHASHANK K N	4MH19IS401	IBM	4.25
8.	DIVYASHRI G S	4MH18IS024	TCS	3.36LPA
9.	GAGANA V S	4MH18IS026	TCS	3.36LPA
10.	AKSHARA M C	4MH18IS005	TCS	3.36LPA
11.	AKSHARA M C	4MH18IS005	Stavtar	5LPA
12.	AKSHARA M C	4MH18IS005	WIPRO	3.5LPA
13.	ULLAS M	4MH18IS098	Tecnotree	5LPA
14.	SUDARSHAN B G	4MH18IS085	Tecnotree	5LPA
15.	PRASHITH BHANDARY	4MH18IS055	Stavtar	5LPA
16.	PRASHITH BHANDARY	4MH18IS055	TCS	3.36LPA
17.	SAGAR S	4MH18IS069	Stavtar	5LPA
18.	YASHASWINI V	4MH18IS105	Tecnotree	5LPA
19.	SIMRA SAMI	4MH18IS079	Tecnotree	5LPA
20.	R ANISH	4MH18IS062	IBM	4.25LPA
21.	R ANISH	4MH18IS062	ROBOSOFT	4.5LPA
22.	RASHMI C	4MH18IS067	Stavtar	5LPA
23.	RASHMI C	4MH18IS067	TCS	3.36LPA
24.	SUMUKHA VARCHASVI K	4MH18IS087	IBM	4.25LPA
25.	SUSHMA M	4MH18IS090	TCS	3.36LPA
26.	SUSHMA K	4MH18IS089	Tecnotree	5LPA
27.	VAIVHAV K	4MH18IS099	TCS	3.36LPA
28.	PRATHEEK CHANDRASHEKAR	4MH18IS057	TCS	3.36LPA
29.	RAGHAVI R	4MH18IS065	TCS	3.36LPA
30.	RAGHAVI R	4MH18IS065	WIPRO	3.5LPA
31.	ABDULLAH A BASIT	4MH18IS109	TCS	3.36LPA
32.	SOUNDARYA K	4MH18IS082	Tecnotree	5LPA
33.	SOUNDARYA K	4MH18IS082	WIPRO	3.5LPA
34.	MANISH CHOUDARY O	4MH18IS043	Tecnotree	5LPA
35.	SUSHRUTH RAO MURAKARE M V	4MH18IS092	Tecnotree	5LPA
36.	AMRUTHA R	4MH18IS006	WIPRO	3.5LPA
37.	TEJASWINI PRAKASH	4MH18IS095	BIRLA SOFT	3.6LPA
38.	TEJASWINI PRAKASH	4MH18IS095	WIPRO	3.5LPA
39.	HARSHITHA T S	4MH18IS033	IBM	4.25 LPA

40.	THANUJA K B	4MH18IS108	Wipro	3.5LPA
41.	NAGAPOOJA B N	4MH18IS048	Agile point	3.5LPA
42.	NAGAPOOJA B N	4MH18IS048	Techmil	6.5LPA
43.	JASIYA KALEEM	4MHI18IS035	Tecnotree	5LPA
44.	KRUPA R	4MH18IS039	Leadsquared	6LPA
45.	AISHWARYA D N	4MH18IS003	Techmil	6.5LPA
46.	ISHWARYA R	4MH18IS034	Techmil	6.5LPA
47.	ANAM FATHIMA NASEEM	4MH18IS008	Techmil	6.5LPA
48.	HAJIRA ANMOL GAIMA	4MH18IS032	Techmil	6.5LPA
49.	PRAGATHI D	4MH18IS054	Wipro	3.5LPA
50.	PRAGATHI D	4MH18IS054	Mindtree	4LPA
51.	SRIHARSHINI J	4MH18IS084	Techmil	6.5LPA
52.	SRIHARSHINI J	4MH18IS084	INFOSYS	3.65LPA
53.	SRIDHARSHAN R	4MH18IS083	Capgemini	4LPA
54.	MANUKUSHAL D M	4MHI8IS107	Techmil	6.5LPA
55.	MANUKUSHAL D M	4MHI8IS107	ISOCRETES	3.75LPA
56.	THEJAS V	4MH19IS402	Quinnox	3.75LPA
57.	SURAIYA ANJUM	4MH18IS088	Lead Squared	6LPA
58.	SURAIYA ANJUM	4MH18IS088	Techmil	6.5LPA
59.	SURAIYA ANJUM	4MH18IS088	Capgemini	4LPA
60.	TEJASWI S	4MH18IS094	Techmil	6.5LPA
61.	RISHIKA R KAMBLI	4MH18IS068	IBM	4.25LPA
62.	THANUSHREE M R	4MH18IS096	Tech Mahendra	3.25LPA
63.	THANUSHREE M R	4MH18IS096	NTT DATA	5LPA
64.	SAHANA M D	4MH18IS071	Wipro	3.6LPA
65.	SUSHMITHA J GOWDA	4MH18IS091	Wipro	3.6LPA
66.	GIRIDHARSHINI P S	4MH18IS029	INFOSYS	3.6LPA
67.	GIRIDHARSHINI P S	4MH18IS029	Quinnox	3.75LPA
68.	AMRUTHAVARSHINI K N	4MH18IS007	HTC Global Services	3.5LPA
69.	AMRUTHAVARSHINI K N	4MH18IS007	Quinnox	3.75LPA
70.	MEKHALA K S	4MH18IS045	Quinnox	3.75LPA

Total Strength: 82

Total Placement: 89

Total Individuals Placed: 50

23. FDP ATTENDED BY FACULTIES

Sl. No	Topic of FDP	Faculty	Date	Duration	Venue
ACADEMIC YEAR 2021-22					
1	FEEL Teacher:Developing.Counselling.Mentoring	Dr. Pushpa D	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
2	FEEL Teacher:Developing.Counselling.Mentoring	Mrs. Saraswathi D	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
3	FEEL Teacher:Developing.Counselling.Mentoring	Mr. Puneeth P	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
4	FEEL Teacher:Developing.Counselling.Mentoring	Mr. Amruth V	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
5	FEEL Teacher:Developing.Counselling.Mentoring	Mrs. Ramya S	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
6	Data Analytics and Learning	Mrs.Ramya S	5-09-2022 to 10-09-2022	1 week	JSS Science and Technology
7	FEEL Teacher:Developing.Counselling.Mentoring	Mrs. Smithashree K P	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
8	FEEL Teacher:Developing.Counselling.Mentoring	Mr. Somashekhar B M	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
9	FEEL Teacher:Developing.Counselling.Mentoring	Mrs. Chaitrashree. R	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
10	FEEL Teacher:Developing.Counselling.Mentoring	Mr. Ajay Kumar B R	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
11	FEEL Teacher:Developing.Counselling.Mentoring	Mr. Sharath H A	28-09-2021 to 30-09-2021	3 Days	MIT Mysore

12	FEEL Teacher:Developing.Counselling.Mentoring	Mr Siddaraj M G	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
13	NoSQL Database	Mrs Sneha D P	28-03-2022 to 2-04-2022	6 Days	SJB IT (Online)
14	FEEL Teacher:Developing.Counselling.Mentoring	Mrs Sneha D P	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
15	FEEL Teacher:Developing.Counselling.Mentoring	Mrs Bhavyashree H D	28-09-2021 to 30-09-2021	3 Days	MIT Mysore
16	NoSQL Database	Ms Sumaiya Siddique	28-03-2022 to 2-04-2022	6 Days	SJB IT (Online)
17	Mobile Application Development	Ms Sumaiya Siddique	4-04-2022 to 8- 04-2022	5 Days	MITT (Offline)
18	Big Data analytics in the Upliftment of Rural India	Mr Amith Pradhaan	7-02-2022 to 12-02-2022	5 Days	JSSSTU (Online)
19	Data Analytics using R Programming	Mr Amith Pradhaan	10-10-2022 to 14-10-2022	5 Days	IIT Kanpur (Online)
20	AI in IoT and Computer Vision	Mr Amith Pradhaan	29-07-2022 and 30-07-2022	2 Days	VVCE (Offline)

24. TECHNICAL EVENT LIST

Sl. No	Topic of the event	Faculty	Date	Duration	Venue
ACADEMIC YEAR 2021-22					
1	C Program for problem solving	Prof. Somashekhar B M and Prof. Ajay Kumar B R	25-10-2021 to 29-10-2021	5 Days	MIT Mysore
2	IEEE ITS Flagship event	Prof. Sumaiya Siddique	28-11-2021	1 Day	MIT Mysore
3	Tech Talk "Research Avenues in Analog devices and Embedded Technologies"	Prof. Bhavyashree H D	10-12-2021	1 Day	MIT Mysore
4	Tech Talk "Current trends in machine Learning and Image Processing "	Dr. Pushpa D and Prof. Ramya S	17-12-2021	1 Day	MIT Mysore
5	Two Days Work shop on "Hands on Session Bigdata Analytics Tools"	Prof. Puneeth P and Prof. Amruth V	28-12-2021 to 29-12-2021	2 Days	MIT Mysore
6	Tech Talk "Recent trends and usage of Big Data Analytics tools in Industry "	Prof. Chitra and Prof. Saraswathi D	30-12-2021	1 Day	MIT Mysore
7	Webinar on "Digital Counselling Camp By Mantracare"	Dr. Pushpa D and Prof. Ramya S	25-02-2022	1 Day	MIT Mysore
8	Inauguration of EWB	Dr. Pushpa D	26-04-2022	1 Day	MIT Mysore
9	Hands on Session on "Designing Web Application using Java"	Prof. Chitra C, Prof. Sharath H A and Prof. Amith Pradhaan	14-05-2022	1 Day	MIT Mysore
10	Workshop on "Software Testing"	Dr. Pushpa D	14-05-2022	1 Day	MIT Mysore

11	Hands on workshop on “Web Development with Angular 4.0”	Prof. Amith Pradhaan	22-05-2022	1 Day	MIT Mysore
12	Workshop on “Digital Forensics”	Prof. Amruth V, Prof. Amith Pradhaan and Prof. Dharmaraj K B	10-06-2022	1 Day	MIT Mysore
13	Hands on workshop on “IoT”	Dr. Pushpa D and Prof. Ramya S	17-06-2022	1 Day	MIT Mysore
14	Workshop on “Web Development”	Dr. Pushpa D and Prof. Ramya S	16-08-2022	1 Day	MIT Mysore

25. INITIATIVES AT THE DEPARTMENT OF ISE

25.1 Department YouTube Channel

3 rd SEM			
	Subject Code	Subject	YouTube Channel (Address/Link)
1	18CS32	DATA STRUCTURES AND APPLICATION	https://youtube.com/playlist?list=PLtp8cVY2Oh5KsUNIFkJbfj347FmuLgW4Q
2	18CS33	ANALOG AND DIGITAL ELECTRONICS	https://youtube.com/playlist?list=PLtp8cVY2Oh5K-0NMos_CkPxp1OFicGv2u
3	18CS34	COMPUTER ORGANIZATION	https://youtube.com/playlist?list=PLtp8cVY2Oh5K5SZe3LRRAnBve66k1ok
4	18CS35	SOFTWARE ENGINEERING	https://youtube.com/playlist?list=PLtp8cVY2Oh5LSNqxDKDqGt1Br4PggBsog
5	18CPL37	ANALOG AND DIGITAL ELECTRONICS LABORATORY	https://youtube.com/playlist?list=PLtp8cVY2Oh5KkitiaBAqaZuz2EqP6MW7r
5 th SEM			
	Subject Code	Subject	YouTube Channel (Address/Link)
1	18CS51	MANAGEMENT, ENTREPRENEURSHIP FOR IT INDUSTRY	https://youtube.com/playlist?list=PLtp8cVY2Oh5LJDp5Buj0YXQbcNcWvld7i
2	18CS52	COMPUTER NETWORKS AND SECURITY	https://youtube.com/playlist?list=PLtp8cVY2Oh5KK2STSBKbxPByQzYRJKOC
3	18CS53	DATABASE MANAGEMENT SYSTEM	https://www.youtube.com/playlist?list=PLtp8cVY2Oh5JNEJkNV5_ukT5sLsXkJhKL
4	18CS54	AUTOMATA THEORY AND COMPUTABILITY	https://youtube.com/playlist?list=PLtp8cVY2Oh5JmTNw3fGpXemNyO35aHQOJ

5	18CS55	APPLICATION DEVELOPMENT USING PYTHON	https://www.youtube.com/playlist?list=PLOZyfu4IYm88LG1i9KHxIajA40kAbsCpX
6	18CS56	UNIX PROGRAMMING	https://youtube.com/playlist?list=PLtp8cVY2Oh5Kf11jy0noRw6RdbF13vb2S
7th SEM			
	Subject Code	Subject	YouTube Channel (Address/Link)
1	17CS71	WEB TECHNOLOGY AND ITS APPLICATIONS	https://youtube.com/playlist?list=PLtp8cVY2Oh5JqmH1KOzLICXF-ixTyyG7y
2	17IS72	SOFTWARE ARCHITECTURE AND DESIGN PATTERNS	https://youtube.com/playlist?list=PLtp8cVY2Oh5I1aNtBwNY1Yo97GShjpsT
3	17CS73	MACHINE LEARNING	https://youtube.com/playlist?list=PLtp8cVY2Oh5Lj5NiugBPEnkGXCWgh4d8R
4	17CS744	Unix System Programming	https://youtube.com/playlist?list=PLtp8cVY2Oh5KW5Nce6hk6DzoFK1bugAPU
5	17CS754	Storage Area Networks	https://youtube.com/playlist?list=PLtp8cVY2Oh5J7E9XDm1Kyy1o15b5UJcCk
6	17CSL76	MACHINE LEARNING LABORATORY	https://youtube.com/playlist?list=PLtp8cVY2Oh5INcXNNeSIta4aoUEkluqi
7	17CSL77	WEB TECHNOLOGY LABORATORY WITH MINI PROJECT	https://youtube.com/playlist?list=PLOZyfu4IYm8_NiZISfpLpPo-ssBg_l2GY

25.2 PhD guidance during the assessment period while working in the institute

S/L	Faculty Name	Total Number of Candidates
1	Dr. Sharath Kumar Y H	6
2	Dr. Pushpa D	4

25.3 Professional Societies / Chapters

S/L	PROFESSIONAL CHAPTERS
1	COMPUTER SOCIETY OF INDIA (CSI)
2	INDIAN INSTITUTE OF TECHNICAL EDUCATION (ISTE)
3	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE)
4	THE INTERNATIONAL ASSOCIATION OF ENGINEERS (IAENG)
5	ENGINEERS WITHOUT BORDERS (EWB)
6	INSTRUMENT SOCIETY OF INDIA (IISC BANGALORE-ISI)

25.4 Best Practices



Figure: Students visited old age home at Mysore



Figure: Students of ISE donating books and other study materials to Government school children



Figure: Students and Faculties green campus initiative by ISE Department



Figure: Prizes won by the students of ISE in various Cultural and Sports activities

25.5 Innovata (Project Exhibition) and Infoenix (Department Fest)

- Innovata is a national level project cum competition for final year students of Information Science and Engineering students.
- Students from various engineering colleges will participate in this event.
- Infoenix is a department level fest organized by the department of Information Science and Engineering. Different competitions will be organized for each semester students in order to build the competition spirit within the department.



Figure: Glimpses of Innovata and Infoenix

25.6 Graduation Day

- The Graduation day at the department was organized on 30th October 2022.
- The chief guest for the event was Mr. Srinivas Varadhajan, Co-Founder and CEO of Vigyanlabs, Mysore.
- Dr. D S Guru, Professor and Chairman, Department of Computer Studies, University of Mysore was the guest of honour.
- 99 students were conferred with degree certificates on this day.



Figure: Glimpses of graduation day

26. ANNUAL BUDGET AND EXPENDITURE

26.1 Approval of Annual Budget Proposal for the academic year 2021-22

Sl.No	Particulars	Approximate Cost
1	Laboratory Equipment	Rs. 16,00000.00
2	Laboratory Consumables	Rs. 1,00000.00
3	Maintenance and Spares	Rs. 30,000.00
4	R&D and Training	Rs. 0.00
5	Software(s)	Rs. 0.00
6	Other Expenditure	Rs. 2,00000.00
Grand Total		Rs. 19,30,000.00
		Nineteen Lakh Thirty Thousand Rupees Only

26.2 Budget utilization report for the academic year 2021-22

Sl. No	Recurring		Non-Recurring	
	Particulars	Amount (Rs)	Particulars	Amount (Rs)
1	Laboratory Equipment	0.00	Computer Installation	16,36,328.00
2	Laboratory Consumables	2,610.00	New Battery	1,10,000.00
3	Maintenance and Spares	0.00	Chair	90,000.00
4	R&D and Training	0.00		
5	Software(s)	0.00		
Total (a)		2,610.00	Total (b)	18,36,328.00
Grand Total (a+b)		18,38,938.00		
Eighteen Lakh Thirty Eight Thousand Nine Hundred Thirty Eight Rupees Only				

27. PUBLICATION BY FACULTY MEMBERS

Sl. No	Name	Title	Total
1	Dr. Sharath Kumar Y H	1) Ensemble Classification Based Mt Gene Retrieval System http://bulletinmonumental.com/gallery/9-aug2021.pdf 2) A Distributed KD-Tree and Region Merging in Object Retrieval http://bulletinmonumental.com/gallery/3-nov2021.pdf 3) FSBRS: Framework for Sketch-Based Retrieval System of the Color Images. https://link.springer.com/chapter/10.1007/978-981-33-6912-2_1 4) Multimodal Biometric Recognition Using Score Level Fusion https://www.neuroquantology.com/article.php?id=4214 5) A Fingerprint Retrieval System Using Bag of Features of SIFT and SURF https://www.philstat.org.ph/index.php/MSEA/article/view/698	5
2	Dr. Pushpa D	1) Animal Health Monitoring System https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28654/final/fin_irjmets1658558588.pdf 2) Smart Lavatory System. https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28643/final/fin_irjmets1658516241.pdf	2
3	Prof. Saraswathi D	1) AUTOMATED SAFETY MONITORING SYSTEM FOR MINING WORKERS USING DEEP CNN https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28538/final/fin_irjmets1658896588.pdf	1
4	Mrs. Chitra C	1) “Crop Yield Prediction using Machine Learning Algorithm” https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28535/final/fin_irjmets1658334659.pdf	1

5	Mr. Puneeth P	<ol style="list-style-type: none"> 1) Pose Estimation on Humans http://ijaem.net/issue_dcp/Pose%20Estimation%20on%20Humans.pdf 2) SUMMARY GENERATION FOR LECTURING VIDEOS https://www.irjet.net/archives/V9/i7/IRJET-V9I7408.pdf 3) A NOVEL APPROACH OF VIRTUAL VISUALIZATION OF CLOTH FITTING. https://www.irjmets.com/uploadedfiles/paper//issue_7_july_2022/28511/final/fin_irjmets_1658324493.pdf 	3
6	Mr. Amruth V	<ol style="list-style-type: none"> 1) Stroke Prediction using retinal images https://www.irjmets.com/uploadedfiles/paper//issue_7_july_2022/28583/final/fin_irjmets_1658457692.pdf 2) Concrete Strength Prediction using Deep Learning http://www.ijaresm.com/uploaded_files/document_file/,Sriharshini.J_tBJI.pdf 	2
7	Mrs. Ramya S	<ol style="list-style-type: none"> 1) Optimal path planning for Navigation using a generalized genetic algorithm https://www.isroset.org/journal/IJSRCSE/full_paper_view.php?paper_id=2550 2) Access Control System with masked face recognition https://www.irjmets.com/uploadedfiles/paper//issue_7_july_2022/28616/final/fin_irjmets1658559431.pdf 	2
8	Mr. Somashekhar B M	<ol style="list-style-type: none"> 1) HYBRID AUTHENTICATION SYSTEM https://www.irjmets.com/uploadedfiles/paper//issue_7_july_2022/28581/final/fin_irjmets_1658408943.pdf 2) Smart mirror https://www.google.com/url?sa=t&source=web&rct=j&url=https://www.ijraset.com/best-journal/smart-mirror-491&ved=2ahUKEwicnrK6wL75AhV2ILcAHSTIApsQFnoECACQAQ&usg=AOvVaw2QTHppkflLrjO-qOxHvqtC 3) Multimodal Biometric Recognition Using Score Level Fusion 	4

		https://www.neuroquantology.com/article.php?id=4214 4) A Fingerprint Retrieval System Using Bag of Features of SIFT and SURF https://www.philstat.org.ph/index.php/MSEA/article/view/698	
9	Mrs. Chaitrashree R	1) Fish recognition using machine learning technique http://ijaem.net/issue_dcp/Fish%20Recognition%20Using%20Machine%20Learning%20Techniques.pdf	1
10	Mr. Ajay Kumar B R	1) Baby Monitoring Robot Using IoT 2) Farmer friendly English text to Kannada speech Application	2
11	Mr. Sharath H A	1) 3D-BASED SIGN LANGUAGE RECOGNITION https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28635/final/fin_irjmets1658516124.pdf . 2) IOT Based Driver Drowsiness Detection and Smart Alerting System. https://www.ijraset.com/best-journal/iot-based-driver-drowsiness-detection-and-smart-alerting-system	2
12	Mr. Siddaraj M G	1) Mood Based Music System Using Machine Learning Techniques http://ijaem.net/issue_dcp/Mood%20Based%20Music%20System%20Using%20Machine%20Learning%20Techniques.pdf	1
13	Mrs. Bhavyashree H D	1) Automation Weed Removal Robot using IOT https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28606/final/fin_irjmets1658895475.pdf	1
14	Ms. Sumaiya Siddique	1) Health Information Exchange Framework using Blockchain and Prediction of Cardiac disease using Naïve Bayes Algorithm https://www.ijraset.com/best-journal/health-information-exchange-using-blockchain-and-cardiac-disease-prediction-using-naive-bayes-algorithm .	1
15	Mr. Dharmaraj K B	1) Water Pipe Leakage Detection Using IoT https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28636/final/fin_irjmets1658588050.pdf	1

16	Mr. Amith Pradhaan	<p>1) Smart Banking System using NLP https://www.ijaem.net/?gclid=CjwKCAjw9NeXBhAMEiwAbaY4lk3RqHROH2yec7Q-rxC0D6HbJ5ELI-aH7DI_nkYDIelDi9FnObw36xoC3IcQAvD_BwE</p> <p>2) Water Pipe Leakage Detection Using IoT https://www.irjmets.com/uploadedfiles/paper/issue_7_july_2022/28636/final/fin_irjmets1658588050.pdf</p>	2
Total			31

28. ACKNOWLEDGEMENT

I would like to express sincere gratitude to everyone who contributed to the success of the Department of Information Science and Engineering in the past year. I'm grateful for the continued support and dedication of our staff, board members, volunteers and stake holders who have helped us to achieve our mission and make a positive impact in our community.

I also want to thank our Industrial collaborators for putting their constant support and trusting us in each milestone which leads us in instrumental growth and success of the department.

We the department of Information Science and Engineering at Maharaja Institute of Technology look forward to continuing our work together in the coming year.

Dr. Sharath Kumar Y H
 HoD, Dept. of ISE,
 MIT Mysore