SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-25)

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620 012, Tamil Nadu.

INDEX

CRITERION: 2.2.1

The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

2021 - 2022

BRIDGE COURSE

The Management, Principal, Staff and Students of

SARANATHAN COLLEGE OF ENGINEERING

VENKATESWARA NAGAR, PANJAPPUR,

TIRUCHIRAPALLI - 620 012.

Cordially invite you for the

INAUGURAL FUNCTION

OF

FIRST YEAR B.E /B.Tech CLASSES

Date : 15th November

Time : 9.30 am

Venue : JS Block Conference Hall

R. RAJAGOPALAN	Dr. D. VALAVAN	S. RAVINDRAN
President	Principal	Secretary

SARANATHAN COLLEGE OF ENGINEERING

VENKATESWARA NAGAR, PANJAPPUR,

TIRUCHIRAPALLI - 620 012.

INAUGURAL FUNCTION OF FIRST YEAR B.E /B.Tech CLASSES

Agenda

- Invocation — Students
  (Prayer song & Thamizhthai Valthu)
- Welcome Address — Secretary
- Special Address — Dr.R.Mathrubootham (Governing Council member)
- Principal's Address — Dr.D.Valavan
- Introduction of HODs — MC Team
- Vote of Thanks — Dr.V.Punitha (HOD, IT)
- National Anthem — Students

Date : 15.11.2021

Venue : JS Block Conference Hall

Saranathan College of Engineering

Tiruchirapalli-12

Inaugural Function Committee
AY (2021 – 22)

Venue: JS block Conference Hall **Date: 15-11-2021**
Time: 9.30 am

The following committees are constituted for the Student Induction Program

Convener : Dr.G.Jayaprakash, Prof. & Head/Mech.

Co-conveners : Mr.S.Venkatasubramanian, Asso.Prof/CSE
Dr.L.Muruganandam, Asso.Prof. & Head/Chem.

I. Stage and Hall Arrangements

1. Dr. M.Ganesan – Mech
2. Mr.S.Karthikeyan - Mech

Responsibility: Chairs and seating arrangements on the dias.

II. Master of Ceremony

1. Dr.V.Mohan - ECE
2. Dr.R.Rekha - MECH

III. Reception

1. Ms.N.Gayathri - EEE
2. Ms.G Iswarya- CSE
3. Ms.R.Vaishnavi – ECE
4. Ms.V.Ramya - ECE

Responsibilities: Front reception table arrangements, required things collection, receiving parents and students.

IV. Registration

1. Mr.G.Ananthakrishnan – PHY
2. Ms.P.Saravanadevi - PHY
3. Ms.S.Sandra - ENG
4. Mr.C.Gnanadesikan - ENG
5. Mr.B.Balaprasad – CHE
6. Ms.G.Thulasi – CHE
7. Dr.S.Sivamani - MATHS
8. Dr.P.K.Lakshmidevi - MATHS
9. Mr.P.B Aravind Prasad- CSE
10. Ms.R Hema- CSE
11. Ms.L.Ramya – CSE
12. Mr.S.Hariprasath – ECE

13. Mr.R.Venugopal - EEE
14. Ms.J.SangeethaPriya – IT
15. Dr.G Mahesh - MECH
16. Mr.S Vinoth Kumar - MECH

Responsibilities: Getting signature for attending students in section wise name list, direct them to assemble in meeting Hall.

V. Discipline & Seating

1. Dr.R.Neelambari – MATHS
2. Dr.S.Revathy – MATHS
3. Dr.N.Subashini - MATHS
4. Dr.M.Bhuvaneswari – ENG
5. Mr.G.Sriram – ENG
6. Dr.S.Priyarega - CHE
7. Mr.P Dineshkumar – CSE
8. Mr.R Karthik – CSE
9. Ms.R Hema - CSE
10. Ms.S Priyanga – CSE
11. Mr.R.Rengaraj –IT
12. Ms.M.Padma Priya-IT
13. Mr. P.Anand - IT
14. Dr.S.Rajeswari - ECE
15. Mr.K.Malaisamy – ECE
16. Dr.P.Ram prakash - EEE
17. Mr.P.Rameshbabu – EEE
18. Mr.R.Suresh Babu - MECH
19. Mr.P.Jothi Palavesam - MECH
20. Mr.A.Anandraj – CIVIL
21. Mr.S.Prasanna Perumal - ICE

Responsibilities: Ensure seating for students and parents, PA system arrangements, prayer song, national anthem, Tamil thai vazhthu.

VI. Refreshments

1. Dr. V.Balamurugan - CHE
2. Dr. D.Geetha - MATHS
3. Dr. P.Senthil kumar - PHY

Responsibilities: Providing coffee and snacks to parents and students.

VII. Transport

1. Dr. S.Arunkumar - MATHS
2. Mr.K.Karthikeyan - PHY

Responsibilities: Ensuring proper bus arrangements after the completion of the function for the parents.

VIII. Report preparation, Documentation & record keeping Committee:

1. Dr.M. Bhuvaneswari - ENG
2. Dr.V.TamilSelvi - ENG

PRINCIPAL

SARANATHAN COLLEGE OF ENGINEERING, TRICHY

INDUCTION PROGRAMME TIMETABLE(COMMON FOR ALL BRANCHES)

YEAR / SEM : I / I									Venue - 01 (JS Block Conference halll)
D.O	1 (9.15-10.15A.M)	2 (10.15-11.15A.M)	BREAK(11.15-11.30A.M)	3 (11.30-12.30P.M)	LUNCH(12.30-01.15P.M)	4 (1.15-2.15P.M)	5 (2.15-3.15P.M)	BREAK(3.15-3.30P.M)	6 (3.30-4.30P.M)
I	← Expert Talk			→		ENG	MAT		HOD - CSE
II	← Expert Talk			→		ENG	CS - Dr.RT		MAT
III	← Expert Talk			→		MAT	CS - Dr.SM		ENG
IV	← Expert Talk			→		ENG	CS - Dr.RSS		MAT
V	← Expert Talk			→		CS - Dr.NLK	MAT		ENG

YEAR / SEM : I / I									Venue - 04 (MBA Seminar Hall)
D.O	1 (9.15-10.15A.M)	2 (10.15-11.15A.M)	BREAK(11.15-11.30A.M)	3 (11.30-12.30P.M)	LUNCH(12.30-01.15P.M)	4 (1.15-2.15P.M)	5 (2.15-3.15P.M)	BREAK(3.15-3.30P.M)	6 (3.30-4.30P.M)
I	← Expert Talk			→		MAT	HOD - EEE		ENG
II	← Expert Talk			→		CS - Dr.PLR	MAT		ENG
III	← Expert Talk			→		ENG	MAT		CS - Dr. TS
IV	← Expert Talk			→		MAT	CS - Prof. RM		ENG
V	← Expert Talk			→		ENG	CS - Prof. JSP		MAT

SARANATHAN COLLEGE OF ENGINEERING, TRICHY

INDUCTION PROGRAMME TIMETABLE(COMMON FOR ALL BRANCHES)

YEAR / SEM : I / I									VENUE - 03 (Bi Decennial block ground floor)
D.O	1 (9.15-10.15A.M)	2 (10.15-11.15A.M)	BREAK(11.15-11.30A.M)	3 (11.30-12.30P.M)	LUNCH(12.30-01.15P.M)	4 (1.15-2.15P.M)	5 (2.15-3.15P.M)	BREAK(3.15-3.30P.M)	6 (3.30-4.30P.M)
I	← Expert Talk			→		HOD - IT	MAT		ENG
II	← Expert Talk			→		ENG	CS - Prof.NB		MAT
III	← Expert Talk			→		MAT	CS - Prof.JS		ENG
IV	← Expert Talk			→		ENG	MAT		CS - Prof.MP
V	← Expert Talk			→		ENG	CS - Prof.VM		MAT

YEAR / SEM : I / I									Venue - 02 (Bi Decennial block second floor)
D.O	1 (9.15-10.15A.M)	2 (10.15-11.15A.M)	BREAK(11.15-11.30A.M)	3 (11.30-12.30P.M)	LUNCH(12.30-01.15P.M)	4 (1.15-2.15P.M)	5 (2.15-3.15P.M)	BREAK(3.15-3.30P.M)	6 (3.30-4.30P.M)
I	← Expert Talk			→		ENG	HOD - ECE		MAT
II	← Expert Talk			→		ENG	CS - Prof.KSC		MAT
III	← Expert Talk			→		ENG	CS - Prof. PBA		MAT
IV	← Expert Talk			→		MAT	CS - Prof.RK		ENG
V	← Expert Talk			→		CS - Prof. PD	MAT		ENG

S.No.	Faculty Name	Topics to be covered
1	Dr. S.A. Sahaaya Arul Mary Dr. V. Punitha	General Introduction
2	Dr. R. Thillaikarasi Dr. PL. Rajarajeshwari Prof.N.Bhavani	Introduction to computers , H/W& S/W
3	Dr.S.Mohana Dr. T.Sathis Kumar Prof.J.Sangeetha Priya	Introduction to Data , Information
4	Dr. R. Senthamil Selvi Prof.R.Mohan Kumar Prof. M.Padmapriya Prof. R.Karthik	Introduction to Algorithm, Flowchart
5	Dr. N.Lakshmi Kanthan Prof.J.Sathiaparkavi Prof.V.Manoj Kumar Prof.P.Dinesh Kumar	Introduction to Programming

ADVANCED LEARNERS

S.No	Type of the course(Bridge Course/ Advanced Learners/ Slow learners)	Date of the Event	Academic Year	Name of the Event	Number of Students	Resource Person / Name of the faculty with details
1	Advanced Learners	09.07.21- 20.07.21	2021 - 2022	BIONOVA IDEATHON , AT BIT TECHFEST-2021 BIOPROSPECTING RESEARCH LABORATORY , NATIONAL LEVEL VIRTUAL IDEATHON	1	BANNARI AMMAN INSTITUTE OF TECHNOLOGY , BIT TECHFEST 2021
2	Advanced Learners	17.06.21	2021 - 2022	POSTER PRESENTATION IN NATIONAL LEVEL VIRTUAL SYMPOSIUM , WHEEDLE 2021	1	DEPT OF MECH ENGG& ACADEMY OF MARITIME EDUCATION AND TRAINING , AMET DEEMED TO BE UNIVERSITY
3	Advanced Learners	01.09.21-06.09.21	2021 - 2022	PICTIONARY EVENT ON SAIRAM GLOBAL GOALS WEEK	1	DEPT OF EEE WITH UNNAT BHARAT ABHIYAN OF SRI SAIRAM ENGG. COLLEGE
4	Advanced Learners	15.102021	2021 - 2022	NATIONAL TECHNICAL SPEECH COMPETITION	1	BANNARI AMMAN INSTITUTE OF TECHNOLOGY IEEE STUDENT BRANCH
5	Advanced Learners	14.11.2021	2021 - 2022	CURRENT SCENEARY SPEECH	1	JEPPIAR INSTITUTE OF TECHNOLOGY IETE FORUM
6	Advanced Learners	28.5.2022	2021 - 2022	IDEA PITCHING UNDER NOBICOM 22	1	IEEE SB PANIMALAR INSTITUTE OF TECHNOLOGY, CHENNAI
7	Advanced Learners	01.06.2021	2021 - 2022	MICROSOFT LEARN STUDENT AMBASSADORS 2021 CAMPUS AMBASSADOR POSITION	1	MICROSOFT LEARN STUDENT AMBASSADORS
8	Advanced Learners	15.10.2021	2021 - 2022	SOLVED CHALLENGE 2021	1	UN VOLUNTEERA & MINISTRY OF YOUTH AFFAIRS
9	Advanced Learners	12.10.2021	2021 - 2022	TECHNICAL SESSION ON INTERNET OF THINGS(IOT)	1	E-YANTRA LAP SETUP INITIATIVE (ELSI)
10	Advanced Learners	05.02.2022	2021 - 2022	LEARNING JAVA COURSE	1	LINKEDIN LEARNING

11	Advanced Learners	05.02.2022	2021 - 2022	PUBLIC SPEAKING TRAINING	1	EDUREAD
12	Advanced Learners	31.08.2021 to 04.09.2021	2021-2022	Inplant Training	2	110 kVSS, Tirumakottai
13	Advanced Learners	10.03.2022	2021 - 2022	ELYTRICO 2K22 PROJECT PRESENTATION	1	AMET UNIVERSITY
14	Advanced Learners	10.03.2022	2021 - 2022	POSTER PRESENTATION EVENT AT AAKAAR 2022	1	IIT BOMBAY
15	Advanced Learners	03.06.2022	2021 - 2022	E-DEBUGGERAT SYMPTRON 22	1	MUTHAYAMMAL ENGINEERING COLLEGE (SYMTRON 2K22) EEE DEPT
16	Advanced Learners	17.04.2022	2021 - 2022	UG RESEARCH WORK PRESENTATION	1	IIT BHUBANESHWAR
17	Advanced Learners	25.04.2022	2021 - 2022	CON COM EVENT , RESEARCH SCHOLAR EVENT PRAKRIYA 2022	1	IIT MADRAS
18	Advanced Learners	22.06.21-23.06.21	2021 - 2022	REBUTTAL REBELS (DEBATE)	1	DR.M.G.R EDUCATIONAL AND RESEARCH INSTITUTE , DEPARTMENT OF CSE
19	Advanced Learners	10.03.2022	2021 - 2022	VIRTUAL POSTER PRESENTATION	1	INDIAN SOCIETY FOR TECHNICAL EDUCATION NIT HAMIRPUR
20	Advanced Learners	July'2022	2021-2022	SJEEE Journal Publication	60	All EEE faculty members
21	Advanced Learners	15th June 2022	2021-2022	NATIONAL CONFERENCE on CUTTING EDGE technologies in ELECTRCAL, COMMUNICATION and SOFT COMPUTING techniques (NCCEECSC'22	All EEE students	Faculty members from EEE , ECE, and ICE department
22	Advanced Learners	27-05-2022 to 30-05-2022	2021-2022	Debate, and Makathon competitions	All EEE students	Faculty members from EEE , ECE, and ICE department
23	Advanced Learners	31st May 2022	2021-2022	Solar Power Plant design using PVSYST	Third EEE students	Mr.S.Senthilkumar, Businee Head, Power Project, Chennai
1	Slow Learners	Entire semester	2021-2022	Remedial class		All EEE faculty members
2	Slow Learners	Entire semester	2021-2022	Question Bank with Answers		All EEE faculty members
3	Slow Learners	Entire semester	2021-2022	Make up test		All EEE faculty members

Saranathan College of Engineering

Tiruchirappalli-620 012.

Academic Year - 2021 -2022

Department of Information Technology

List of Short Term Courses / Workshops / Course Module Developed

Sl.No	Date of Event	Name of the Event	Resource Person Name	Designation	Name of the Organization
1	22.08.2021 to 06.01.2022	MERN(Mango DB, Express, React JS, Node JS)	Ms.Pavani	Technical Trainer	Inlustro
2	22.08.2021 to 06.01.2022	Python Programming with IDLE	Ms.Nalini Raj	Technical Trainer	Inlustro
3	22.08.2021 to 06.01.2022	Data Science and Machine Learning (Python with Jupider Note Book)	Mr.Nishant Joshi	Technical Trainer	Inlustro

[HOD]

Saranathan College of Engineering

Tiruchirappalli-620 012.

Academic Year - 2020 -2021

Department of Information Technology

List of Short Term Courses / Workshops / Course Module Developed

Sl.No	Date of Event	Name of the Event	Resource Person Name	Designation	Name of the Organization
1	24.03.2021 to 07.07.2021	Data Sturctures and Algorithms	Ms.Shubha Meenakshi	Technical Trainer	Inlustro
2	24.03.2021 to 07.07.2021	Java Script	Mr.Aditya Sambamoorthy	Director	Inlustro
			Ms.Revathy	Technical Trainer	Inlustro
3	24.03.2021 to 07.07.2021	Django	Ms.Shubha Meenakshi	Technical Trainer	Inlustro
4	24.03.2021 to 07.07.2021	C#	Ms.Shubha Meenakshi	Technical Trainer	Inlustro
5	24.03.2021 to 07.07.2021	Mobile App Development using React Native	Mr.Aditya Sambamoorthy,	Director	Inlustro
6	24.03.2021 to 07.07.2021	Mern	Ms. Revathy	Technical Trainer	Inlustro
7	24.03.2021 to 07.07.2021	AI /ML Machine Learning with Scikitlearn	Mr.Aditya Sambamoorthy	Director	Inlustro
8	24.03.2021 to 07.07.2021	Data Science	Mr.Aditya Sambamoorthy,	Director	Inlustro
			Ms.Nalini Raj	Technical Trainer	Inlustro
9	24.03.2021 to 07.07.2021	Game Development	Mr.Aditya Sambamoorthy,	Director	Inlustro
10	24.03.2021 to 07.07.2021	Ethical Hacking	Mr.Aditya Sambamoorthy	Director	Inlustro
11	24.03.2021 to 07.07.2021	Spring React Native	Ms.Nalini Raj	Technical Trainer	Inlustro

[HOD]

CERTIFICATE

OF COMPLETION

This Certifies that

Sivanesh. S

II Year IT at **Saranathan College of Engineering**, has successfully completed the **Competitive Programming** course **(March 2022 to June 2022)** and has passed with **High Honours**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Roheeth Kumar. R J

II Year IT at **Saranathan College of Engineering**, has successfully completed the **Competitive Programming** course **(March 2022 to June 2022)** and has passed with **High Honours**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Shamabanu

II Year IT at **Saranathan College of Engineering**, has successfully completed the **Python Fundamentals** course **(August 2021** to **December 2021)** and has passed with **Honours**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Shameena Banu. S

II Year IT at **Saranathan College of Engineering**, has successfully completed the **Competitive Programming** course **(March 2022 to June 2022)** and has passed with **High Honours**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Rajalakshmi. R

II Year IT at **Saranathan College of Engineering**, has successfully completed the **Python Fundamentals** course **(August 2021** to **December 2021)** and has passed with **Honours**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Rahul. B S

II Year IT at **Saranathan College of Engineering**, has successfully completed the **Python Fundamentals** course **(August 2021** to **December 2021)** and has passed with **Honours**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Arsah A

III Year IT at **Saranathan College of Engineering**, has successfully completed the **Building Real World Software Applications** course **(March 2022** to **June 2022)**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Aswini Devi.B

III Year IT at **Saranathan College of Engineering**, has successfully completed the **Full Stack Web Development** course **(August 2021** to **December 2021)** and has passed with **Honours**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Aswini Devi.B

III Year IT at **Saranathan College of Engineering**, has successfully completed the **Building Real World Software Applications** course **(March 2022** to **June 2022)**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Arsah A

III Year IT at **Saranathan College of Engineering**, has successfully completed the **Full Stack Web Development** course **(August 2021** to **December 2021)** and has passed with **Honours**

Aditya Sambamoorthy
Founder & CEO

InLustro

#SmartIndiaHackathon 2022 - Team Members and Mentor Nomination Form

Inbox

Sarim Moin 2:03 PM
to bcc: me

From Sarim Moin • innovationofficer2@aicte-india.org
Bcc arksvg@gmail.com
Date Aug 3, 2022, 2:03 PM
Standard encryption (TLS).
View security details

Dear Participant,

Greetings from the Ministry of Education's Innovation Cell and AICTE.

Congratulations on being shortlisted for the grand finale of SIH 2022 which is tentative to be organized at the end of August 2022. The dates will be shared shortly.

Result page: https://sih.gov.in/sih-2022-senior-final-result

Based on the request by several teams and institutions, we have allowed a maximum of 3

	Team Name	Team Members	Departme nt	Sem/ Year	Mentor
1	Bitty coders	S. Keerthana	IT	V/III	Ms.Sangeetha Priya. J
		R. Aarthikha			
		M. Nisha			
		A. Arsah			
		K. Kiruthika			
		J. Sindhuja			
2	Better Bots	Kaavya R	IT	V/III	Ms.Sangeetha Priya. J
		Aswini Devi B			
		Kalaiarasu T			
		Malolan BA			
		Vaitheeswaran L M			
		Vennkat Bharathi S			
3	Chosen Techies	KISHORE KUMAR S	IT	I/I	Ms.Sangeetha Priya. J
		MUTHUKUM AR S			
		HARRIS SAMUEL D			
		ISHWARYA S			
		MADHUMIT A V			
		JOANNE PRANITA			
4	Team Geeky	Dilip.R	IT	I/I	Ms.Sangeetha Priya. J
		Vishnu Priya.S			
		Ramya.B			
		Glory Nikita.G			
		Suvetha.V			

		KumaraKabilan.P			
5	THE SCAVEN	ARUN	IT	I/I	Ms.Sangeetha Priya. J
		saravanakkumar d			
		subhashini R			
		vengadashan s			
		muruganandanc			
		aukustin R.c			
6	InfoTech	RATNAKUM	IT	V/III	Ms.Sangeetha Priya. J
		ABISHEK A S			
		JHANANI R S			
		KEERTHANAP			
		MOHAMED AMEEN A			
		RAMACHANDRAN A			
7	Team Revamp	Chandru	IT	V/III	Ms.Sangeetha Priya. J
		VIWIN ROJAN P			
		INFANT SIBI S			
		ANUVARSHINI G			
		PRAJITH R			
		AMRESH K			
8	INNOVA	S.M.Sri	IT	I/I	Ms.Sangeetha Priya. J
		R.Sri dhanalakshmi			
		S.Harshitha			
		J.Thirisha sri			
		E.Selline			
		S.Viswa			
9	Crafty Fox	Srihariharan.T	IT	I/I	Ms.Sangeetha Priya. J
		Soorya S	CSBS		
		Sham	CSBS		
		Kabilan.s			
		Thesigan.S	CSBS		
		Neelaveni			
10	Walkie Talkies	Seeni	IT	V/III	Ms.Sangeetha Priya. J
		Ganesh. V			
		Harini R.S	CSBS		
		Mohan Ram.M			

		Suriyanad. S			
		Vibilan.S			
11	Outliers	Dilipan R	IT	VII/IV	Mr.Manoj Kumar
		D. Krithika Lakshmi			
		Pierrs I K	CSBS		
		Shobana Devi S	CSBS		
		Farhana Begum	CSBS		
		Rama mariyapan			
12	Techno Titans	Shama Banu	IT	III/II	Ms.Sangeetha Priya. J
		Roheeth Kumar RJ	IT		
		Shameena Banu	IT		
		Shruthika S	ECE		
		Roshni R	ECE		
		Sivanesh S	IT		
13	TECH AMIGOS	Avinash.P	IT	III/II	Mrs.Sheelavathi
		Letitia.A			
		Mahaboob Nisha.N			
		Rajalakshmi.R			
		Naveenkumar. S			
		Rahul.B.S			
14	Hackathonism	S.Ponmathi	IT	I/I	Ms.Sangeetha Priya. J
		M.Nivetaa			
		A.Gayathri			
		L.Nikilraj			
		A.Cyril sigmond			
		R.Jaiprakash			
15	Tech Titans	A.Sri Jane	IT	V/III	Dr.S.A.Arunmozhi
		M.kavya	ECE		
		M.Nandhini	ECE		
		S.M.Sivasri	ECE		
		L.Nagaraj	MECH		
		VS.Uthaya sankar	MECH		
16	Cyber errorz	Amirta Lakshmi.M.E	CSBS	I/I	N.BHAVANI
		Sriram.GK			
		Muruganandam.P			
		Vishwa.m			

NG,TRICHIRAPPALLI

ion Technology

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Problem Statement	PS Number	PS Organisation	Category
App-Based solution to identify & solve disease in plants/crops	RK1129	Ministry of Micro,Small & Medium Enterprises(MSME \	Software
AI based Chatbot to answer FAQs	DR702	All India Council for Technical Education (AICTE).	Software
STUDENT INNOVATION	SM952	AICTE,MIC-STUDENT INNOVATION	Software
STUDENT INNOVATION	SM952	AICTE,MIC-STUDENT INNOVATION	Software

Student innovation in Travel and tourism	SM952	Details about the tourist places,hotels etc nearer to the user.	Software
AI BASED CHATBOT TO ANSWER FAQ'S	DR702	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION (AICTE)	Software
TRAFFIC LIGHT NEGOTIATION AND PERCEPTION BASED DETECTION	AG676	MATH WORK	Software
Student innovation	SM944	AICTE,MIC-student innovation	Software
Mobile Application for Diet Recall	DK731	Ministry of Ayurveda, Yoga, Naturopathy, Unani, Siddha, Sowa-Rigpa and Homoeopathy	Software
Student Innovation	SM944	AICTE, MIC-Student Innovation	Software

HERITAGE Identification of monuments using Deep Learning Techniques	SS588	department of space, Indian space research organisation.(ISRO)	Software
Gaming Apps, etc for the elderly	DA1071	Gaming Apps, etc for the elderly	Software
Development of Dynamic website FOR NECBDC	MG1100	North Eastern Cane and Bamboo Development Council (NECBDC)	Software
STUDENT INNOVATION	SM952	AICTE,MIC-STUDENT INNOVATION	Software
Borewell Rescue Operations	GS908	National Disaster Response Force (NDRF)	Hardware
Gaming Apps etc elderly	DA1071	Department for	Software

American Express Makeathon 2022 Registration Details

Total Teams Registered:30

S.No	Dept	Team Members	Topic
1.	CSE II	1. Magima V.M 2. Madhuvanthi.K 3. Lekshmi Prabha B.S	Reinvent Digital Lending
2.	CSE II	1.Kavya.S 2.Kiruthika.K 3.Indumathi.S 4.Hema malini	Smart City
3.	CSE II	1.Dheepika.R 2.Ananda Dharshinee. M.S 3.Keerthana.S	Smart City
4.	CSE II	1.Lavanya 2. Almasdivan.K 3.Felicia.A	Smart City
5.	CSE III	1. Varsha Shree 2. Susmitha 3. Shalini 4. Poorvasha	Investment solution
6.	CSE III	1. Sowmeya V 2. Varshini N 3. Mohana S	Smart Cities
7.	CSE III	1. Varsha G	Smart Cities
8.	CSE III	1. Marthini SV 2. Pooja G	Smart Cities

		3. Parthiga R 4. Prasanthika	
9.	CSE III	1.Pooja Tanaji Mali 2. Shruthi Nandhitha P 3. Shiny Aloysia A 4. Syeda Sherin S	Smart Cities
10.	CSE III	1.Nandhini T 2.Ragasudha S 3.Ramya S 4.Srithy P	Application for investment plans
11.	CSE III	1.Nihila A 2.Rakshanna M P 3.Samvarthini C 4.Suvedha M	Smart Cities
12.	CSE III	1.Piraimathi 2.N.K. Priyadharshini 3.Sujitha 4.Vaishnavi.B	Reinvent digital lending
13.	CSE III	1.Chetanappriya K L 2.Aishvariyaa BB 3.Brundashree R 4.Rajaratnam Kawshika	Open innovation under Fintech
14.	CSE III	1.Abirami R 2.Aiswarya SG 3.Aishwarya P 4.Gayathri S	Smart cities
15.	CSE III	1.Muthulakshmy P 2.Jesila Foumiya 3.Madhumitha	Open innovation under Fintech

16.	CSE III	1.Aruna AP 2.Keerthika E 3.Manimozhi	Smart Cities
17.	II Year ECE	1.M.Karthika 2.A.J.Janet Priscilla	Smart Cities
18.	III Year ECE	1. Afrah Zainab Khan 2 .S.Kawsika 3. K.Vaishnavi 4.Shruthi P.S	Smart Cities
19.	III Year ECE	1.Charu Gopika.D 2.Jayalakshmi.S 3. Keerthiga.R 4. Keerthana.R	Smart Cities
20.	II Year ECE	1.Shruthika. S 2.Roshni. R 3. Sathya. NT	Investment Solutions
21.	III Year ECE	1.Subhikshaa Suresh 2.Sarojini 3.Subhashree B 4.Vishnupriya H	Smart Cities
22.	III Year ECE	1.Swetha.V 2.Sruti.D 3.Suthika.k 4.Sheela Angel.S	Smart Cities
23.	III Year ECE	1.S Shamita 2.S Yahitha 3.J Teena Mascelien 4.J Shivadevi	Smart Cities
24.	III Year IT	1 Harini S 2 Devi E 3 Kaviyatharsini	Smart Cities
25.	III Year IT	1Aswini Devi B 2 Kaavya R	Smart Cities

26	III Year IT	1.Aarthika R 2 Arsha A 3 Keerthana S 4 Nisha M	Smart Cities
27	II Year IT	1 Nithiyasri H 2 Shanmugapriya M 3 Akshara P 4 Aishwarya	Smart Cities
28	II EEE	1.Nilofar Nisha A 2.Sridevi p 3.Nasreen Banu A 4.Hemadharshini A	Smart Cities
29	II EEE	1.Dhanusha K 2.Sheikha Naseema. N 3.Sivasankari N 4.Priyadharshini S	Smart Cities
30	II EEE	1.Amirthalakshmi.K 2.Devatharshini.K 3.Lakshmi.S 4.Caroline Mary X	Smart Environment
31	III EEE	1.Chandrika(III year) 2.G.M.Nirenjana(II year) 3.NarmadhaKarthikeyan(II year) 4.Abirami Dhanabalan (II year)	Investment Solutions
32	Civil	1.R.Aishwarya(Civil) 2.H.Nithia(IT) 3.P.Akshara(ECE)	Smart Cities

SARAMAIL

Ms.Sangeetha Priya IT Depart <jspriya-it@saranathan.ac.in>

Fwd: ICT Academy - DXC WEP CSR - Self learning status and VILT schedule request - Reg

2 messages

VENNILA ECE <vennila-ece@saranathan.ac.in> Thu, Jul 8, 2021 at 12:07 PM
To: "Dr. S. Vijayalakshmi EEE" <vijayalakshmi-eee@saranathan.ac.in>, "Dr. S. Mohana CSE Department" <mohana-cse@saranathan.ac.in>, "Ms.Sangeetha Priya IT Depart" <jspriya-it@saranathan.ac.in>, ezhilarasi-ice@saranathan.ac.in, "Ms. M. ANTHUVAN LYDIA ECE" <anthuvanlydia-ece@saranathan.ac.in>

Dear All,
Greetings.Kindly go through the forwarded mail.We have to prepare a slot of 100 hours for our students.For which we have to discuss in person.
It would be great if you could come to the Microprocessor lab at 2.30pm to decide the slot.Also discuss with your HOD and also have an idea about exam schedule to prepare the slot.
Thanks and Regards,
Dr.C.Vennila

---------- Forwarded message ---------
From: **Lakshmi.p** <Lakshmi.p@ictacademy.in>
Date: Fri, Jul 2, 2021 at 9:06 PM
Subject: ICT Academy - DXC WEP CSR - Self learning status and VILT schedule request - Reg
To: VENNILA ECE <vennila-ece@saranathan.ac.in>
Cc: principal@saranathan.ac.in <principal@saranathan.ac.in>, vijayalakshmi-eee@saranathan.ac.in <vijayalakshmi-eee@saranathan.ac.in>, Poornaprakash <poornaprakash@ictacademy.in>, Allan Joy <allan@ictacademy.in>, Pushparagam <pushparagam@ictacademy.in>

Dear Ma'am,

Greetings from ICT Academy!

We appreciate and thank you for the efforts taken in the participation of the " Women Empowerment Program " the CSR initiative of DXC Technologies.

We are glad that the students who have been nominated for the Women Empowerment Program have started the Self Learning and many of them have also completed the Soft Skills and FSIT Modules. We have been given access to the students for the Self Learning of the Advanced Technology Module also. We request you to encourage and motivate the students in completing all the Self Learning modules of 100 hours **before the 31st. July 2021.**

We are writing to you with regard to scheduling of the Virtual Instructor Lead Training (VILT) which is also of 100 Hours as follows :

1. Soft Skills - 20 Hours
2. FSIT - 10 Hours
3. Advanced Technology Training - 70 Hours.

We kindly request you to plan and give us the schedule for the Virtual Training having the following parameters in mind which will be comfortable for us , as we need to cater to more than 100 Institutions.

Parameters :

a. **The virtual training should be of minimum 3 hours per day and a maximum of 4 hours per day.**

b. **It can be a mix of morning and afternoon sessions between 9.30 A.M. and 5.00 P.M.**
c. **The Training can be started any time after 10th. July 2021, as per schedule decided by the Institution.**
d. **All the students nominated must attend the training.**
e. **Training to be conducted for all the students nominated in one batch.**

We request you to kindly plan the schedule and fill the below given table for us to conduct the training. We are also sharing with you the Self Learning Status of the nominated students . **We kindly request you to please push the student who have not yet started the learning (Status given below), to start their Self Learning and complete it in order to be eligible for the Virtual Training**.

Only students who have started the Self-Learning are eligible for the Virtual Training.

Training Start Date	Training End Date	Timing - Morning	Timing Afternoon	Total Hours Per Day

Attachment

Students self learning status

Thanks & Regards

P.LAKSHMI
Manager – Academic Operations

ICT ACADEMY | **An Initiative of Government of India, State Government and Industry**
ELCOT Complex, 2-7 Developed Plots, Industrial Estate,
Perungudi, Chennai - 600 096, Tamil Nadu, India

91 44 4290 6800 | 7338882864 | www.ictacademy.in

--
With regards,
Dr.C.Vennila
Prof / ECE
SCE

Saranathan College of Engineering.xlsx
26K

VENNILA ECE <vennila-ece@saranathan.ac.in> Fri, Jul 9, 2021 at 12:31 PM

To: "Ms.Sangeetha Priya IT Depart" <jspriya-it@saranathan.ac.in>, ezhilarasi-ice@saranathan.ac.in, "Dr. S. Vijayalakshmi EEE" <vijayalakshmi-eee@saranathan.ac.in>, "Dr. S. Mohana CSE Department" <mohana-cse@saranathan.ac.in>, "Ms. M. ANTHUVAN LYDIA ECE" <anthuvanlydia-ece@saranathan.ac.in>

---------- Forwarded message ---------
From: **VENNILA ECE** <vennila-ece@saranathan.ac.in>
Date: Thu, Jul 8, 2021 at 11:59 PM
Subject: Re: ICT Academy - DXC WEP CSR - Self learning status and VILT schedule request - Reg
To: Lakshmi.p <Lakshmi.p@ictacademy.in>
Cc: principal@saranathan.ac.in <principal@saranathan.ac.in>, Poornaprakash <poornaprakash@ictacademy.in>, Allan Joy <allan@ictacademy.in>, Pushparagam <pushparagam@ictacademy.in>, Dr. S.M Girirajkumar ICE HOD <girirajkumar-ice@saranathan.ac.in>

Dear Madam,

Greetings. Regarding the scheduling of the Virtual Instructor Lead Training (VILT), we have discussed with our Principal, and T&P Cell Officer, we are giving the following schedule for this month of July 2021. Our students are having University exams this month, in between free dates are found and listed in the table for your reference. For the month of August'21 after knowing the reopening date from the University, we will plan the schedule and let you know.

Please find the schedule. It can be a mix of morning and afternoon sessions between 9.30 A.M. and 5.00 P.M.

Training Dates	Total Hours/Day
11.07.2021, 12.07.2021, 14.07.2021, 18.07.2021, 21.07.2021, 22.07.2021, 24.07.2021 to 31.07.2021 (Total 14 days)	4 Hours (56 Hours)

Note : Students are spending their valuable time hence our Institution and parents are expecting the outcome of this programme. Kindly let us know what would be the guaranteed benefit of attending this programme.

Thanks and Regards
Dr.C.Vennila
Dr.S.Vijayalakshmi

[Quoted text hidden]
[Quoted text hidden]

SARAMAIL

Ms.Sangeetha Priya IT Depart <jspriya-it@saranathan.ac.in>

Fwd: Invitation - DXC Technology Women Empowerment Program Inaugural Program

VENNILA ECE <vennila-ece@saranathan.ac.in> Sat, Feb 13, 2021 at 10:32 AM
To: "Dr. S. Mohana CSE Department" <mohana-cse@saranathan.ac.in>, "Dr. S. Vijayalakshmi EEE" <vijayalakshmi-eee@saranathan.ac.in>, "Ms.Sangeetha Priya IT Depart" <jspriya-it@saranathan.ac.in>, ezhilarasi-ice@saranathan.ac.in, "Ms. M. ANTHUVAN LYDIA ECE" <anthuvanlydia-ece@saranathan.ac.in>, RAMYA ECE <ramyav-ece@saranathan.ac.in>

---------- Forwarded message ---------
From: **ICT Academy** <notifications@ictacademy.in>
Date: Fri, Feb 12, 2021 at 2:38 AM
Subject: Invitation - DXC Technology Women Empowerment Program Inaugural Program
To: <vennila-ece@saranathan.ac.in>

Dear **Dr.C.Vennila**,

Greetings from ICT Academy!

We from ICT Academy are happy to be associated with the Institution in the implementation of DXC Technology's CSR initiative "Women Empowerment Program "to skill the girl students in the technology being offered to the Institution.

The Inaugural of the CSR Initiative is to happen on 15th. February 2021 from 11.30 A.M to 12.30 P.M. for which we take it as our pleasure in inviting the Institution to participate in the "Women Empowerment Program "- Empowering the Girls of India. We would request the participation of the following delegates to participate in the Inaugural Program along with the students nominated for the program.

- 1. Management of the Institution
- 2. Principal of the Institution
- 3. ICT Academy Co-Ordinator of the Institution
- 4. The 2 Faculty nominated as mentors for the Women Empowerment Program
- 5. The 100 / 50 Students nominated for the Training.

We look forward for the whole-hearted support being extended to us in all our initiatives and will appreciate the co-operation in making this CSR initiative a big success to empower the girl students of the Institution.

Please Note : We are sending the invitation to all students who have nominated for the " Women Empowerment Program " by the Institution.

Please find below the link to participate in the Inaugural: https://event.webinarjam.com/login/5v3k0hmxiyv0a43z2cvs8

Password: dxcwep

We kindly request you to keep yourself logged in for the program at 11.25 A.M.

Thanks & Regards

Team ICT Academy

--
With regards,
Dr.C.Vennila
Prof / ECE
SCE

SARANATHAN COLLEGE OFENGINEERING

(Approved by AICTE, New Delhi, Affiliated to AnnaUniversity, Chennai)

Department of Information Technology

(Accredited by NBA, New Delhi)

Industry Related Projects

Industry Projects Implemented by Students

Batch Number	Student Name	Project Title
204001	Aarthi . L	Sign language conversion into text and voice using CNN
204002	Aiswarya . N	
204032	Pavithra . N	
204003	Prashanthini . N	
204004	Alshifa.S	Face Mask and Social distance detection using ML technique
204015	Jeeva Bharathi .P	
204022	Lavanya.G	
204051	Sridevi Gandhimathi.S	
204005	Avishnamani . K	Block Chain Based E-Voting System
204013	Ishwarya . T	
204036	Priya . K	
204045	Saraswathi . B	
204006	Deepika G.D	Behaviour Based credit card fraud detection
204031	Nivedidha .R	
204047	Shalini M.R	
204048	Shalini .S	
204007	Delphin Lydia B	Chatbot for College Management System
204008	Dhivya Jai Sree G.B	
204056	Vidhya V	
204057	Vijaya Meena S	

204016	Joys Princia.A	Video And Text Summarization Using Deep Learning
204017	Kalai Selvi.J	
204040	Rithi Afra.J	
204041	Rukshana.S	
204018	Kayalvizhi E	Business meeting summary generation using NLP
204019	Keerthana S	
204044	Samyuktha S	
204050	Shinduja Kumar	
204024	Mirunalini R	Iron Man Jarvis
204052	Subadharshini N	
204053	Tharshini.R	
204023	Milanie J	
204025	Mohammed Shirajudden.A	Stock prediction
204027	Mukilan B	
204042	Sabarinathan.G	
204043	Sameer Ahmed.K	
204038	Rajendran.M	Fake News Detection
204039	Ranjith Kumar.C	
204046	Seturathnam.S	
204055	Umesh karthikeyan.S	

Sample Certificates:

InLustro

Your Learning Comrade

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

RANJITH KUMAR. C

for successfully completing the project titled

Fake News Detection

under the guidance of their college mentor and their InLustro academic supervisor.

1.06.21

DATE

SIGNATURE

Certificate Number: INLFYP000156

InLustro

Your Learning Comrade

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

SABARINATHAN. G

for successfully completing the project titled

Stock prediction

under the guidance of their college mentor and their InLustro academic supervisor.

1.06.21

DATE

SIGNATURE

Certificate Number: INLFYP000153

InLustro

Your Learning Comrade

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

MIRUNALINI. R

for successfully completing the project titled

Iron Man Jarvis

under the guidance of their college mentor and their InLustro academic supervisor.

1.06.21

DATE

SIGNATURE

Certificate Number: INLFYP000147

InLustro

Your Learning Comrade

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

SAMYUKTHA. S

for successfully completing the project titled

Business meeting summary generation using NLP

under the guidance of their college mentor and their InLustro academic supervisor.

1.06.21

DATE

SIGNATURE

Certificate Number: INLFYP000145

InLustro

Your Learning Comrade

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

DELPHIN LYDIA. B

for successfully completing the project titled

Chatbot for College Management System

under the guidance of their college mentor and their InLustro academic supervisor.

1.06.21

DATE

SIGNATURE

Certificate Number: INLFYP000135

InLustro

Your Learning Comrade

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

SHALINI M.R

for successfully completing the project titled

Behaviour Based credit card fraud detection

under the guidance of their college mentor and their InLustro academic supervisor.

1.06.21

DATE

SIGNATURE

Certificate Number: INLFYP000133

InLustro

Your Learning Comrade

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

AVISHNAMANI. K

for successfully completing the project titled

Block Chain Based E-Voting System

under the guidance of their college mentor and their InLustro academic supervisor.

1.06.21

DATE

SIGNATURE

Certificate Number: INLFYP000127

InLustro

Your Learning Comrade

CERTIFICATE

OF COMPLETION

THIS CERTIFICATE IS AWARDED TO

AARTHI. L

for successfully completing the project titled

Sign language conversion into text and voice using CNN

under the guidance of their college mentor and their InLustro academic supervisor.

1.06.21

DATE

SIGNATURE

Certificate Number: INLFYP000119

SARAMAIL

Ms.Sangeetha Priya IT Depart <jspriya-it@saranathan.ac.in>

Detailed Abstract | 11th CSI InApp Awards 2022

CSI InApp <csiawards@inapp.com> Tue, Apr 5, 2022 at 2:23 PM
To: aarthiesther03@gmail.com
Cc: jspriya-it@saranathan.ac.in

11th CSI InApp International Student Project Awards 2022

Dear Participant,

Greetings! Thank you for applying to the *11th CSI-InApp International Student Project Awards 2022*.

Project Name: RED LIGHT GREEN LIGHT GAME

Project ID: CSIN2022-046

Your application has been accepted, and we require some additional information on your project for evaluation. Therefore, kindly complete the **attached template** and upload it at Upload Detailed Abstract **before 10th April 2022**.

The teams selected after the first round will be intimated by the second week of May 2022. The second round evaluation of the selected teams will be held during the beginning of June 2022, through video conferencing with the jury. The dates for the finals will be informed later.

The results of each round will be intimated to the team and will also be published on our website (https://csiawards.inapp.com/) and also on our Facebook page

Thanks & Regards,
CSI - InApp Awards Team

Detailed Abstract CSI InApp Awards 2022.docx
828K

SARAMAIL

Ms.Sangeetha Priya IT Depart <jspriya-it@saranathan.ac.in>

Fwd: Acknowledgement mail CSI InApp Awards 2022

1 message

Ratnakumar A <arksvg@gmail.com> Thu, Feb 17, 2022 at 5:19 PM
To: jspriya-it@saranathan.ac.in

---------- Forwarded message ---------
From: **CSI Inapp Awards** <csiawards@inapp.com>
Date: Thu, Feb 17, 2022, 12:37 PM
Subject: Acknowledgement mail CSI InApp Awards 2022
To: <arksvg@gmail.com>

Dear RATNAKUMAR A

Thank you for being a part of the 11th CSI-InApp Awards. Your application has been received and we are currently reviewing your abstract. Your Project ID is CSIN2022-047
Thanks & Regards,
CSI-InApp Awards

SARANATHAN
COLLEGE OF ENGINEERING
Affiliated to Anna University-Chennai, Approved by AICTE-New Delhi
Venkateshwara Nagar, Panjappur, Thiruchirapalli - 620 012

American Express Makeathon 2022 Registration Details

Total Teams Registered:30

S.No	Dept	Team Members	Topic
1.	CSE II	1. Magima V.M 2. Madhuvanthi.K 3. Lekshmi Prabha B.S	Reinvent Digital Lending
2.	CSE II	1.Kavya.S 2.Kiruthika.K 3.Indumathi.S 4.Hema malini	Smart City
3.	CSE II	1.Dheepika.R 2.Ananda Dharshinee. M.S 3.Keerthana.S	Smart City
4.	CSE II	1.Lavanya 2. Almasdivan.K 3.Felicia.A	Smart City
5.	CSE III	1. Varsha Shree 2. Susmitha 3. Shalini 4. Poorvasha	Investment solution
6.	CSE III	1. Sowmeya V 2. Varshini N 3. Mohana S	Smart Cities
7.	CSE III	1. Varsha G	Smart Cities
8.	CSE III	1. Marthini SV 2. Pooja G	Smart Cities

		3. Parthiga R 4. Prasanthika	
9.	CSE III	1.Pooja Tanaji Mali 2. Shruthi Nandhitha P 3. Shiny Aloysia A 4. Syeda Sherin S	Smart Cities
10.	CSE III	1.Nandhini T 2.Ragasudha S 3.Ramya S 4.Srithy P	Application for investment plans
11.	CSE III	1.Nihila A 2.Rakshanna M P 3.Samvarthini C 4.Suvedha M	Smart Cities
12.	CSE III	1.Piraimathi 2.N.K. Priyadharshini 3.Sujitha 4.Vaishnavi.B	Reinvent digital lending
13.	CSE III	1.Chetanappriya K L 2.Aishvariyaa BB 3.Brundashree R 4.Rajaratnam Kawshika	Open innovation under Fintech
14.	CSE III	1.Abirami R 2.Aiswarya SG 3.Aishwarya P 4.Gayathri S	Smart cities
15.	CSE III	1.Muthulakshmy P 2.Jesila Foumiya 3.Madhumitha	Open innovation under Fintech

16.	CSE III	1.Aruna AP 2.Keerthika E 3.Manimozhi	Smart Cities
17.	II Year ECE	1.M.Karthika 2.A.J.Janet Priscilla	Smart Cities
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19.	III Year ECE	1.Charu Gopika.D 2.Jayalakshmi.S 3. Keerthiga.R 4. Keerthana.R	Smart Cities
20.	II Year ECE	1.Shruthika. S 2.Roshni. R 3. Sathya. NT	Investment Solutions
21.	III Year ECE	1.Subhikshaa Suresh 2.Sarojini 3.Subhashree B 4.Vishnupriya H	Smart Cities
22.	III Year ECE	1.Swetha.V 2.Sruti.D 3.Suthika.k 4.Sheela Angel.S	Smart Cities
23.	III Year ECE	1.S Shamita 2.S Yahitha 3.J Teena Mascelien 4.J Shivadevi	Smart Cities
24.	III Year IT	1 Harini S 2 Devi E 3 Kaviyatharsini	Smart Cities
25.	III Year IT	1Aswini Devi B 2 Kaavya R	Smart Cities

26	III Year IT	1.Aarthika R 2 Arsha A 3 Keerthana S 4 Nisha M	Smart Cities
27	II Year IT	1 Nithiyasri H 2 Shanmugapriya M 3 Akshara P 4 Aishwarya	Smart Cities
28	II EEE	1.Nilofar Nisha A 2.Sridevi p 3.Nasreen Banu A 4.Hemadharshini A	Smart Cities
29	II EEE	1.Dhanusha K 2.Sheikha Naseema. N 3.Sivasankari N 4.Priyadharshini S	Smart Cities
30	II EEE	1.Amirthalakshmi.K 2.Devatharshini.K 3.Lakshmi.S 4.Caroline Mary X	Smart Environment
31	III EEE	1.Chandrika(III year) 2.G.M.Nirenjana(II year) 3.NarmadhaKarthikeyan(II year) 4.Abirami Dhanabalan (II year)	Investment Solutions
32	Civil	1.R.Aishwarya(Civil) 2.H.Nithia(IT) 3.P.Akshara(ECE)	Smart Cities

Coordinator Principal

SARAMAIL

Ms.Sangeetha Priya IT Depart <jspriya-it@saranathan.ac.in>

Detailed Abstract | 11th CSI InApp Awards 2022

CSI InApp <csiawards@inapp.com> Tue, Apr 5, 2022 at 2:34 PM
To: kirthikrish2406@gmail.com
Cc: jspriya-it@saranathan.ac.in

11th CSI InApp International Student Project Awards 2022

Dear Participant,

Greetings! Thank you for applying to the *11th CSI-InApp International Student Project Awards 2022*.

Project Name: SERENE

Project ID: CSIN2022-049

Your application has been accepted, and we require some additional information on your project for evaluation. Therefore, kindly complete the **attached template** and upload it at Upload Detailed Abstract **before 10th April 2022**.

The teams selected after the first round will be intimated by the second week of May 2022. The second round evaluation of the selected teams will be held during the beginning of June 2022, through video conferencing with the jury. The dates for the finals will be informed later.

The results of each round will be intimated to the team and will also be published on our website (https://csiawards.inapp.com/) and also on our Facebook page

Thanks & Regards,
CSI - InApp Awards Team

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828K

APPLICATION FORM

Problem Vertical	Open Category: Exploring the Unthinkable and Unimaginable
Category	Open Category: Exploring the Unthinkable and Unimaginable
Name of the Innovation	ANDROID BASED CPU USING RASPBERRY PI
Solution Offer	2889_4503_solution_offered.pdf
Technology Description	2889_4503_technology_description.pdf
Development Stage	prototype
Type of Solution	hybrid
Powerpoint Presentation	2889_4503_ppt_pdf.pdf
Patent Filed / Granted in relevant field	no
Publication in Peer Reviewed Journal in relevant field	no
Have you ever participated in any other innovation contests (Government or private)?	no
Research Papers	
RESEARCH PAPERS HAVE NO DATA	
Patents	
PATENTS HAVE NO DATA	
Contest	
CONTEST HAVE NO DATA	

REGISTRATION FORM

First Name	Ratnakumar
Last Name	A
Gender	male
Date of Birth	23/05/2002
Entity	Individual
Pan Card No	DRVPA0049C
Aadhar	821903342484
Email	arksvg@gmail.com
Mobile	9445177941
Address	49,WALAJA ROAD,WORAIYUR,TRICHY, TAMIL NADU-620003
State	Tamil Nadu
District	Tiruchirappalli
Pincode	620003
Current Profile	student
Institution Details	SARANATHAN COLLEGE OF ENGINEERING,VENKATESWARA NAGAR,PANJAPPUR,TRICHY-620012
Team	yes
Team File	2889_4489_teamFile.pdf

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai–25
NBA, NAAC A+ Accredited)
Venkateswara Nagar, Panjappur, Tiruchirappalli -12

Department of Information Technology

Report on Students' Contests

"Competition brings out the best and competitor is a great motivator", in order to inculcate the habit of competing, the Department of Information Technology organized various contests for the students from **25-10-2021 to 18-11-2021. T**o enhance the knowledge and showcase the talent of the students, competition was organized for the students and by the students under the guidance of faculty members.

To develop the coding skills, II & III year students were informed about the C coding contest during the first week of October. Contest was organized in two rounds. Coding test Preliminary round was conducted for the students through Quizizz Platform & Second Round through Remoteinterview Platform. The selection is based upon their Marks. The coordinator of this event is Ms.A.Sheelavathi, AP/IT .The objective of this event is to improving the coding standards in C programming. 76 students have participated in the first round. 30 students shortlisted for next round.

Prize Winners are follows:

Chibi Narayana B	II year IT 'A'	I Prize
Rajamurugan M	III year IT 'A'	II Prize
B.S.Rahul	II year IT 'A'	III Prize

To enhance the technical knowledge, Java Challenging contest was conducted on 26-10-2021. The coordinator of this event is Mr.V.Manojkumar, AP/IT . The contest comprised of three rounds in total. In round 1, the basic programming skills of students in JAVA were tested through 6 coding questions of easy and medium toughness levels. ROUND 2 which comprised of 4 medium-level coding questions to test the knowledge of students over concepts like array and string for shortlisted students. In Round 3, Top performers from round 2 were shortlisted for this round, which comprised of 3 hard-level coding questions to test the knowledge of students over concepts like analysis and design

of algorithms. All three rounds were conducted on the platform called CODECHEF. **The results were declared and the Prize winners are listed below:**

Mohamed Ameen.A	III year IT 'A'	I Prize
Vennkat Bharathi S	III year IT 'A'	II Prize
Rajamurugan M	III year IT 'A'	III Prize

To improve the presentation skills and enrich the students with the knowledge with the latest trends in IT, a paper presentation contest was conducted on 12.11.2021 at JS Block Seminar Hall. About 15 teams comprising of 32 students of II, III & IV IT presented their papers on the latest IT technologies like Block Chain, IoT, 5G, DARQ, Cloud Computing, Metaverse, Cyber Security, Virtual Reality. Dr.S.Mohana, Associate Professor, Department of CSE and Ms.N.Bhavani, Associate Professor, Department of IT viewed the presentations and judged the prize winners. Dr.S.Mohana appreciated the students for their participation and enthusiasm and gave suggestions for their improvement in presentation. She also highlighted some of the technologies to be considered for presentation.

- **The prize winners are:**

Mohanram & Seeni Arivazhagan	III year IT 'A'	I Prize
Sivanesh & Roheeth Kumar	III year IT 'A'	II Prize
Mahaboob Nisha & Swetha	II year IT 'A'	III Prize

The **Mini-Project Contest** was announced during the mid-week of October for all the students of II, III and IV year and they were asked to develop a project based on the technical interest of their preference. The event was administered by the Department of Information Technology DO-IT Association and was held on 18th November 2021 from 9:30 am -12:30 pm at RV-Lab 4, 5 & 6. The event commenced with the inaugural speech of Dr.V.Punitha, Head of the Department who introduced the juries and motivated the students to demonstrate their project properly. It ended successfully with the enthusiastic and effective participation of 29 teams and 83 participants from students of II, III and IV year Information Technology who illustrated their innovative and ingenious ideas in the presence of the jury members Prof.S.Venkatasubramanian and Dr.N.Lakshmikanthan from the Computer Science and Engineering Department. They encouraged the participants and bestowed them with valuable tips on how to take the project to the subsequent level. Earlier the faculty coordinator

Ms.J.Sangeethapriya,AP/IT motivated the students to complete their implementation in latest IT technologies. There were 4 teams from II year, 20 teams from III year, and 5 teams from IV year. The projects presented by the participants were of distinct domains and in emerging trends in information technology. The projects were unique and outstanding. The mini-project contest helped the students to showcase their talents and capabilities and the students utilized the opportunity to learn the concept by implementing, i.e., **learnt through experiential learning.**

The Prize winners are:

Abishek A S, Ratnakumar A	III year IT 'A'	I Prize
Azhagumeenatchi C, Durga Devi R, Kareeshini S, Saranya B,	IV year IT 'A'	II Prize
Aarthikha R, Keerthana S, Nisha M	III year IT 'A'	III Prize

"Competition is good but winning is better", we congratulated all the participants who competed in these events. **"A Good Organizer shortens the road to the success",** we thank the student's organizers and volunteers who helped for the smooth and successful conduct of the Contests.

The list of the volunteers are:

1. Dhiliban- IV IT 'A'
2. Lokeesh Bharathi- IV IT 'A'
3. Maheshwaran – IV IT 'A'
4. Gokul B – IV IT 'A'
5. Kiruthika.C – IV IT 'A'
6. Aswini Devi.B – III IT 'A'
7. Vaitheeswaran.L.M - III IT 'A'
8. V.Ganesh - III IT 'A'
9. A.Ramachandran - III IT 'A'
10. R.Kaavya - III IT 'A'
11. K.Kiruthika - III IT 'A'
12. Avinash.P - II IT 'A'

Photos for C Coding Contest:

remoteinterview.io

234007 CHIBI NARAYANA B - C Programming

Total Score: 20/40

Summary

Started at	Mon, 25 Oct 2021 20:15:11 GMT
Time Taken	3000 minutes
Email	chibinarayana@gmail.com
Tags	n/a

Scores

Q.1.	0/10
Q.2.	0/10
Q.3.	10/10
Q.4.	10/10

remoteinterview.io

234029 B.S.RAHUL - C Programming

Total Score: 20/40

Summary

Started at	Mon, 25 Oct 2021 09:45:02 GMT
Time Taken	3000 minutes
Email	rahulcse.sv@gmail.com
Tags	n/a

Scores

Q.1.	0/10
Q.2.	0/10
Q.3.	10/10
Q.4.	10/10

Photos for Java Challenging Contest:

Photos for Miniproject Contest:

HoD-IT

Dr.V.Punitha

Principal

Dr.D.Valavan

SARAMAIL

Ms.Sangeetha Priya IT Depart <jspriya-it@saranathan.ac.in>

Fwd: Infosys Campus Connect - Invitation: Faculty Enablement Program(FEP) series - June 2022

Ms.V.Punitha Asso Prof CSE Depart <punitha-it@saranathan.ac.in> Thu, May 19, 2022 at 12:20 PM
To: IT Depart Group <itstaff@saranathan.ac.in>

---------- Forwarded message ---------
From: **Dr. S. A. Sahaaya Arul Mary CSE HOD** <mary-cse@saranathan.ac.in>
Date: Thu, May 19, 2022, 10:54 AM
Subject: Fwd: Infosys Campus Connect - Invitation: Faculty Enablement Program(FEP) series - June 2022
To: Principal of Saranathan College , <principal@saranathan.ac.in>
Cc: Ms.V.Punitha CSE Depart <punitha-it@saranathan.ac.in>

Respected Sir,
Infosys has planned a series of FEP. We can nominate staff members for this.

Thanks and regards
A Candle Loses Nothing by Lighting Another Candle
Dr. S. A. Sahaaya Arul Mary,
Head of the Department,
Computer Science and Engineering,
Saranathan College of Engineering,
Venkateswara Nagar, Panjapur,
Trichy -12.

---------- Forwarded message ---------
From: **Infosys Springboard-Support** <Springboard-support@infosys.com>
Date: Sat, 14 May 2022 at 12:36
Subject: Infosys Campus Connect - Invitation: Faculty Enablement Program(FEP) series - June 2022
To:

Dear Professor,

Greetings!!

Infosys invites you for a series of Faculty Enablement Programs (FEP) using **Infosys Springboard** platform. These programs will be a rich blend of theory and hands on practice with enriched self-learning content on the platform.

The objective of the workshop is to upskill the faculty members of educational institutions on the latest IT trends and enable them to take up industry certifications available on the Infosys Springboard platform. This will benefit our student community by making them industry ready.

Schedule:

Date / Time	Time	Topic
June 6th to June 10th , 2022	10:00 AM – 1:30 PM	Artificial Intelligence
June 13th to June 17th, 2022	10:00 AM – 1:30 PM	Python Programming
June 20th to June 24th ,2022	10:00 AM – 1:30 PM	Java Programming
June 27th to July 1st ,2022	10:00 AM – 1:30 PM	Angular

Note: 2:30 PM – 5:00 PM is self-learning and hands on practice session on all the days.

Please identify **two faculty members** subject to the following eligibility criteria:

- Should be a permanent member of faculty of the CSE / IT / ISE / MCA departments with experience ranging from 2 to 15 years
- The faculty member should be interested in driving student certification programs at the institution
- Faculty member should be registered on Infosys Springboard platform

Please note: Post event, the faculty member must facilitate technology training in the institution for a batch of minimum 100 students and ensure that students complete the certification on Infosys Springboard in 30 days' time (latest by July 2022).

Click here to register

Last day to register for the workshop: ***May 23, 2022***

Please feel free to reach out to us at Springboard-support@infosys.com for any queries regarding registration.

Regards,

Infosys Springboard - Team Campus Connect

2 attachments

image003.wmz
3K

image002.wmz

SARAMAIL

Ms.Sangeetha Priya IT Depart <jspriya-it@saranathan.ac.in>

Fwd: 4th Technovation Hackathon (Innovation Budge)

Ratnakumar A <arksvg@gmail.com> Sat, Jan 22, 2022 at 9:11 PM
To: jspriya-it@saranathan.ac.in

---------- Forwarded message ---------
From: **ABISHEK A S** <asabishekvenu@gmail.com>
Date: Sat, Jan 22, 2022, 8:57 PM
Subject: Fwd: 4th Technovation Hackathon (Innovation Budge)
To: Ratnakumar A <arksvg@gmail.com>

---------- Forwarded message ---------
From: **Google Forms** <forms-receipts-noreply@google.com>
Date: Sat, Jan 22, 2022, 1:31 AM
Subject: 4th Technovation Hackathon (Innovation Budge)
To: <asabishekvenu@gmail.com>

Google Forms

Thanks for filling out 4th Technovation Hackathon (Innovation Budge)

Here's what was received.

Edit response

4th Technovation Hackathon (Innovation Budge)

Email *

asabishekvenu@gmail.com

Team Name *

ARKSVGIANS

Educational Qualification *

- [ ] School Student
- [ ] M.Tech
- [x] B.Tech
- [ ] MCA
- [ ] BCA
- [ ] MBA
- [ ] BBA
- [ ] B.Sc
- [ ] M. Design
- [ ] B. Design
- [ ] Diploma

Institute Name *

SARANATHAN COLLEGE OF ENGINEERING

State *

TAMILNADU

Country *

INDIA

Full Name of First Member *

ABISHEK A S

Mobile No of First Member *

7397685500

Email Id of First Member *

asabishekvenu@gmail.com

Id Proof of First Member *

Submitted files

IMG-20220122-WA0001 - Vasantha Kumari.jpg

Full Name of Second Member

MOHAMED AMEEN A

Mobile No of Second Member

9943114363

Email Id of Second Member

mohamedameen0786@gmail.com

Id Proof of Second Member

Submitted files

IMG-20220122-WA0000 - Vasantha Kumari.jpg

Full Name of third Member

RATNAKUMAR A

Mobile No of third Member

9445177941

Email Id of third Member

arksvg@gmail.com

Id Proof of third Member

Submitted files

IMG-20220122-WA0002 - Vasantha Kumari.jpg

Full Name of fourth Member

Mobile No of fourth Member

Email Id of fourth Member

Id Proof of fourth Member

No files submitted

Select Theme *

Smart Citizen, Governance, Amenities and Facilities Design


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This is to certify that..... **ABISHEK A S**

.....

SARANATHAN COLLEGE OF ENGINEERING

.....

*has participated in the"**3-day Boot Camp for TNSI-2021**" organized by the Programme Monitoring Office – Innovation & Entrepreneurship Development Programme (PMO-IEDP) from **31.03.2022 to 02.04.2022** at SASTRA University, Thanjavur Hub.*

Place: Chennai
Date:02.04.2022

Hub Co-ordinator
(SASTRA University-Thanjavur)

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EDII/IEDP-TNSI-BC-III/21-013

This is to certify that..... **MOHAMED AMEEN A**

SARANATHAN COLLEGE OF ENGINEERING

has participated in the ***"3-day Boot Camp for TNSI-2021"*** *organized by the Programme Monitoring Office – Innovation & Entrepreneurship Development Programme (PMO-IEDP) from* ***31.03.2022 to 02.04.2022*** *at SASTRA University, Thanjavur Hub.*

Place: Chennai
Date:02.04.2022

Hub Co-ordinator
(SASTRA University-Thanjavur)

EDII-TN

Note: This Certificate is computer generated and doesn't require any seal/signature in original.

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Certificate of Participation

EDII/IEDP-TNSI-BC-III/21-011

This is to certify that..... **RATNAKUMAR A** .....

SARANATHAN COLLEGE OF ENGINEERING

has participated in the ***"3-day Boot Camp for TNSI-2021"*** *organized by the Programme Monitoring Office – Innovation & Entrepreneurship Development Programme (PMO-IEDP) from* ***31.03.2022 to 02.04.2022*** *at SASTRA University, Thanjavur Hub.*

Place: Chennai
Date:02.04.2022

Hub Co-ordinator
(SASTRA University-Thanjavur)

EDII-TN

Note: This Certificate is computer generated and doesn't require any seal/signature in original.

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Simulation Analysis of Fuzzy-PID Controller to Liquid Level System of Milk Pasteurization Tanks using LabVIEW

Dr.P.Thirumurugan[1*], Hariharan T[2], Mohammed Thoufeeq.P[3], Nithish Kumar.R[4], Senthil Arasan.B[5],

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ABSTRACT: Currently, As recently as the nineteenth century, humans risked serious illness or even death by drinking liquids—such as milk, juice, or even water—that were several days old. By contrast, today's beverages have a long shelf life thanks to the pasteurization process, named for the nineteenth century French scientist Louis Pasteur.Pasteurizing a liquid provides many benefits. Providing a longer shelf life when compared to unpasteurized milk. Elimination of volatile aroma compounds from certain foods.The paper describes about the liquid level control system which is commonly used in many process control applications. The output of the level process is non-linear and it is converted into the linear form by using Taylor Series method. The aim of the process is to keep the liquid level in the tank at the desired value. The conventional proportional-integral-derivative (PID) controller is simple, reliable and eliminates the steady state error. Fuzzy logic controllers are rule based systems which are logical model of the human behavior of the process. The fuzzy controller is combined with the PID controller and then applied to the tank level control system. This paper compares the transient response as well as error indices of PID, fuzzy, fuzzy- PID controllers. The responses of the fuzzy-PID controller are verified through simulation. From the simulation results, it is observed that fuzzy-PID controller gives the superior performance than the other controllers. The absolute error of fuzzy-PID controller is 56.6% less than PID controller and 55.6% less than the fuzzy controller. The Lab VIEW software is used to simulate the system. The simulated results validate the method implemented here.

KEYWORDS: PID control, Level Control,Milk Pasteurization, Packaging and Bottle filling, MyRIO, LabVIEW, Flow control.

I. INTRODUCTION

Joseph Mercola, DO, osteopathic physician and author, in an Apr. 16, 2016 article for Mercola.com titled "Raw Milk and Cheese Are Undergoing a Renaissance as Artisanal Foods Rise in Popularity," wrote: Pasteurizing milk destroys enzymes, diminishes vitamins, denatures fragile milk proteins, destroys vitamin B12 and vitamin B6, kills beneficial bacteria, and promotes the growth of pathogens.Meanwhile, raw milk contains:

- Healthy bacteria that are beneficial for your gastrointestinal tract
- More than 60 digestive enzymes, growth factors, and immunoglobulin (antibodies). These enzymes are destroyed during pasteurization, making pasteurized milk harder to digest
- Phosphatase, an enzyme that aids and assists in the absorption of calcium in your bones…

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Smart Industry Pollution Monitor and Control using IoT and LabVIEW

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DoI: https://doi.org/10.5281/zenodo.6639115

Abstract

The majority applications of pollution monitoring systems are in industries. The control of the parameters which causes pollution and deteriorates the industrial and natural environment pattern is a great challenge and has received interest from industries especially in Petrochemical industries, Paper making industries, Water treatment industries and Sugar manufacturing industries. The main objective of our project is to design an efficient and robust system to monitor the parameters causing pollution and to minimize the effect of these parameters without affecting the plant or natural environment. The proposed methodology is to model a system to read and monitor pollution parameters and to inform pollution control authorities when any of these factors goes higher than industry standards. A mechanism using IoT and LabVIEW is introduced in this proposed methodology, which will automatically monitor when there is a disturbance affecting the system. The system is

CONFERENECE PAPER

International Journal of Scientific Research and Engineering Development

Controlling and monitoring the automated aquaponics using IOT and LabVIEW

Bhavadharani M B[1], Ishwarya M[2], Poojavardhini B[3], Vasundra R[4], Seetharaman R[5]

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Assistant Professor, Instrumentation and Control Department, Saranathan College of Engineering, Trichy, India[5]

Abstract:

Aquaponics is the combination of aquaculture and agriculture. Cultivating the plant and fish at the same time. Food feeder mechanism will feed the food for fish for every 5 seconds (for project purpose only we use 5 seconds). Cycle starts with feeding fish excreta is rich in ammonia, which is biologically converted into nitrates by good nitrifying bacteria. The nitrate rich water is then supplied directly to the roots of plants. Plants take up this nitrate us nutrients. Modern aquaponics systems can be highly successful, but they require intensive monitoring and control. IoT-enabled aquaponics systems on the other hand can provide the opportunity to improve the quality of the produce grown with minimal effort and automation of processes. Continuous monitoring of this data, and making necessary adjustments, will facilitate the maintenance of a healthy ecosystem that is conductive to the growth of fish and plants, while utilizing about 90 percent less water than traditional farming. As using this technique water is reused, it requires less space, user gets natural food. Aquaponics can be automatically managed and controlled by making use of IOT technology with the help of sensors like pH, temperature, and humidity. IOT will show the graph for water level in fish tank. In aquaponics system LabVIEW technology is used monitor the parameters values in visa resource. With the help of LabVIEW, we can store the data in excel spreadsheet for the future reference.

Keywords*:* Aquaponics, Control, Monitoring, Automation, IoT, LABVIEW, Sensor, Pump, Motor, Farming, Food feeder, Mechanism

I. INTRODUCTION

This technique claims to have high water use efficiency, does not use pesticides and reduce the use of fertilizers, which make this technology green and sustainable. Since the interest in aquaponics is increasing, the major challenge is to do it feasible and reliable at commercial scale. The concept of precision farming usually applied in the traditional farming sense is now being introduced, leading to the need to adopt sensing, smart and IoT systems for monitoring and control of its automated processes. Lately, valuable contributions have been made towards the introduction of fully and semi-automated systems in small-scale Aquaponics systems by automation and manufacturing experts.

The system which is developed using this wireless sensor device can be used to sense and collect the information of the water pH level involved and the corresponding data can be stored in cloud data base. The autonomous indoor aquaponics cultivation technique 30percent protein produced by fish waste can provide almost all nutrients required for plant growth. The water filter system that available in the model will remove the unnecessary waste material from the water. To provide sustainability due to climatic changes in the system a set point is used to monitor the temperature in the tank using a temperature sensor.

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Smart Entry System using IoT and AI

Dr.P.Aravind[1*], D.Benitorichardson[2], G.K.Dharsan Prabu[3], R.Lokesh[4], R.Akilan[5]

[1] *Assistant Professor, Department of Instrumentation and Control Engineering, Saranathan College of Engineering, Tamil Nadu, India.*
[2,3,4,5] *Student, Department of Instrumentation and Control Engineering, Saranathan College of Engineering, Tamil Nadu, India.*

[*]Corresponding author

Abstract

The novel Coronavirus had brought a new normal life in which the social distance and wearing of face masks plays a vital role in controlling the spread of virus. But most of the people are not wearing face masks in public places which increase the spread of viruses. This may result in a serious problem of increased spreading. Hence to avoid such situations we have to scrutinize and make people aware of wearing face masks. Humans cannot be involved for this process, due to the chance of getting affected by corona. Hence here comes the need for artificial intelligence (AI), which is the main theme of our project. Our project involves the identification of persons wearing face masks and not wearing face masks in public places by means of using image processing and AI techniques and sending alert messages to authority persons.

The object detection algorithms are used for identification of persons with and without wearing face masks which also gives the count of persons wearing mask and not wearing face mask and Internet of Things (IOT) is utilized for sending alert messages. This theme consists of social distancing noticing and face mask detection for the events of disease like novel coronavirus can be solved by maintaining social distancing as well as wearing/putting on its face mask. This used to develop a Mask Detection using OpenCV, Keras/TensorFlow and also Deep Learning. This System can easily integrated/implemented to various embedded devices with limited computational capacity that uses MobileNetV2 architecture. System will detect face masks in photos/images and in real-time videos. The

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Black Box based Battery Management System for E-Vehicle using IoT

Prassanna Perumal S[1], Harish P K[2*], Niths Roshan E M[3], Selva Kumar B[4]

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DoI: https://doi.org/10.5281/zenodo.6632566

Abstract

The battery is a fundamental component of electric vehicles, which represent a step forward towards sustainable mobility. Though the electric vehicles are introduced domestically, majority of the global transportation still depends on the IC engine. The transition from the conventional IC engine to E-vehicle is very minimum. The main cause for this minimum transition is the issues created by the batteries in the E-vehicles. Recently most of the e-vehicle batteries were experiencing the explosion and general failure issue. The general causes for the explosion and failure of battery is classified into three main categories, Over-heating of the battery, Over-loading of the battery, during accidents. In this paper, we are providing a IoT connected system which continuous monitoring the battery using a microcontroller and preventing all these causes. At the present, the vehicle operation research on slope sections in mountainous areas mainly use statistical analysis to describe the correlations between operating speed and road alignment, which could not explain the vehicle's driving risks with different dynamic characteristics on slope sections. Based on vehicle dynamic analysis, a basic operating speed of a passenger car is achieved by the dynamic model, then the model amended by road factors is acquired to predict the operating speed. The operating speed of passenger cars on some of the slope sections were carried out by LABVIEW programming and GUI visualization. Mostly Battery efficiency will reduce in lower temperature. So travelling to hill stations through E-Vehicles becomes a serious issue. Hence a battery management system is needed and it is achieved through a BMS. This project

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Water Management in Automated Aquaponics System Using LabVIEW

Bhavadharani M B[1], Ishwarya M[2], Poojavardhini B[3], Vasundra R[4], Seetharaman R[5]

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Assistant Professor, Instrumentation and Control Department, Saranathan College of Engineering, Trichy, India[5]

Abstract: Maintaining the quality of the water quality is one of the important aspects that play a substantial effect on the aquaculture industry especially in the tilapia industry. The quality of the water needs to be continuously monitored as any deviation from the allowed critical parameters such as water temperature and potential of hydrogen (pH) can cause unwanted scenarios such as disease, stress, higher mortality rate and profit loss. Currently, the monitoring process adopted by most fish breeders is done manually by using a portable sensor. This approach is found to be very tedious, ineffective use of manpower and time consuming particularly for the large-scale aquaculture industry. Hence, this research focuses on developing a simple, low-cost automated water quality Aquaponics is a system which combines aquaculture and hydroponics the grows fish and plant together in one system. The fish excreta are rich in Ammonia, which is then biologically converted to Nitrates by good nitrifying bacteria. The nitrate-rich water is then supplied directly to the roots of the plants. Plants take up this nitrate as nutrients. Various sensors are calibrated for different measurements to provide accurate and reliable readings of land temperature, pH level, water level and humidity. Now lot of people are coming forward towards agriculture and hydroponics is a better method through which is less capital investment and huge production can be made possible. The fishery department is keen about the development of good projects by providing proper technical assistance and awareness to the farmers. So, in such a scenario improvising the current technology of water quality management through an automated window could soon contribute to a better production. Monitoring system for the industry via LABVIEW software.

Keywords: Aquaponics, Control, Monitoring, Automation, IoT, LABVIEW, Sensor, Pump, Motor, Farming

I.INTRODUCTION

This technique claims to have high water use efficiency, does not use pesticides and reduce the use of fertilizers, which make this technology green and sustainable. Since the interest in aquaponics is increasing, the major challenge is to do it feasible and reliable at commercial scale. The concept of precision farming usually applied in the traditional farming sense is now being introduced, leading to the need to adopt sensing, smart and IoT systems for monitoring and control of its automated processes. Lately, valuable contributions have been made towards the introduction of fully and semi-automated systems in small-scale Aquaponics systems by automation and manufacturing experts.

The system which is developed using this wireless sensor device can be used to sense and collect the information of the water pH level involved and the corresponding data can be stored in cloud data base. The autonomous indoor aquaponics cultivation technique 30percent protein produced by fish waste can provide almost all nutrients required for plant growth. The water filter system that available in the model will remove the unnecessary waste material from the water. To provide sustainability due to climatic changes in the system a set point is used to monitor the temperature in the tank using a temperature sensor.

II.PIC MICROCONTROLLER

The PIC microcontroller PIC16f877A is one of the most renowned microcontrollers in the industry. This microcontroller is very convenient to use, the coding or programming of this controller is also easier. One of the main advantages is that it can be write-erase as many times as possible because it uses FLASH memory technology. It has a total number of 40 pins and there are 33 pins for input and output. PIC16F877A also have much application in digital electronic circuits.

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Design, Analysis and Simulation of Cantilever Beam Using Different Tools.

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Abstract: The article concerns the vibration control of a cantilever beam using LabVIEW. The cantilever beam is designed using different software to compare the modal analysis of the beam. Four different types of software were used in this project. One is for experimentation using LabVIEW software with the help of myRIO tool kit. The other three are ANSYS, COMSOL and Intellisuite. The cantilever beam is designed using its dimensions and the frequency response for the applied changes is measured by Intellisuite software. The changes in the potential, stress mises and displacement occurred in the region of beam for the applied pressure is analysed using Intellisuite software. The design and analysis of cantilever beam for different Eigen Frequencies are done using COMSOL. By using this software the modal analysis of the cantilever beam is done. The comparison of modal analysis of the cantilever beam is done between ANSYS, COMSOL and Intellisuite. The vibration controlled in the cantilever beam using LabVIEW is explained in detail.

Keywords: Vibration Control, Intellisuite, LabVIEW, ANSYS, COMSOL.

I. INTRODUCTION

The control of flexible structures vibration is an important issue in industries. Many engineering applications required to maintain stability. The flexible materials having low rigidity and having very small damping ratio are susceptible to vibration. The main causes are imbalance, misalignment, wear and looseness. Vibration suppression has become one of the major issues for modern transportation. The active vibration control of smart structures has received a lot of attention in the field of vibration suppression. A smart active control system comprising of piezoelectric materials, signal conditioning circuits and the embedded hardware is proposed in this paper [1]. This paper deals with the use of Compact RIO control system developed by National Instruments as a control system for active vibration control of a test device. The Compact RIO control system is programmed using the LabVIEW software tool [2]. The design of the cantilever-based structure is done using Comsol Multiphysics and different parameters like deflection, stress, strain and voltage generated are analysed. The dynamic response is also obtained to analyse deflections under the application of dynamic pressure at different modal frequencies [3]. This study is focused on the presentation of the laboratory test model, designed for the experiments with active vibration control on the beam structure. . In the paper, there is also a part dedicated to the identification procedure of the laboratory model as well as the creation of corresponding mathematical model. At the end, the control algorithm is presented and evaluated in the simulation and on the real structure. [4]. In order to solve the problems of parameter optimization effectiveness and low control accuracy of traditional piezoelectric control method for rigid flexible hybrid manipulator, a new active piezoelectric control method for rigid flexible hybrid manipulator based on PSO is proposed in this paper. The experimental results show that the proposed method can effectively optimize the vibration parameters of the manipulator, and has high vibration control accuracy and strong practicability [5]. Active vibration control of thin plates using piezo-ceramic actuators is done. Paper describes method of identification of the laboratory model and also creation of approximation mathematical model together with basic algorithm which is designed the first four modes. As a result is presented good effect for first, third and four modes, and zero effect on second mode, which is probably caused by piezo-actuator position [6]. Active control strategies have attracted more and more attention because of the high adaptive capacity. However, during control, it is difficult to obtain the vibration signal of the cutting position of the work piece. In this paper, a modified Filtered-x Least Mean Square (MF x LMS) algorithm is constructed considering the deviation between sensor position and the cutting position of the work piece [7]. In allusion to the complex nonlinear vibration characteristics of the casting flash cutting machine, this paper was to analyse the vibration mode of the whole machine in the working process with the finite element software-ANSYS Workbench. It was found that the machine tool was severely deformed at the first, second and fifth frequencies. The excitation frequency of the machine tool had a certain

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PREECLAMPSIA RISK MONITORING AND ALERT SYSTEM USING IOT

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Abstract: Preeclampsia is a pregnancy complication characterized by high blood pressure and signs of damage to another organ system, most often the liver and kidneys. Preeclampsia usually begins after 20 weeks of pregnancy in women whose blood pressure had been normal. Initially, we have to monitor the heartbeat rate, temperature, and blood pressure of pregnant women. Using the previous outcomes of preeclampsia results and machine learning which is used to predict possible outcomes and predict preeclampsia. And we are going to monitor blood pressure and if there is a sudden change be monitored and intimated.The data are stored in a cloud device IoT.

Keywords: HB sensor, Temperature sensor, BP sensor, Machine Learning

1. INTRODUCTION:

The 24-hour ambulatory blood pressure monitoring system was based on Internet of Things architectures, and is comprised of the following components:Users: there are two users involved in the system - the expectant mother and the caregiver. It consists of a BP sensor, Temperature sensor, HB sensor, Arduino, IoT, Machine Learning. Expectant mother's Smartphone: after the F1 smart wristwatch reads the real-time data, the data is then sent to the mother's smartphone that is connected to the smart band via Bluetooth connectivity. The smartphone has a blood pressure monitoring mobile application installed on it and is developed specifically for expectant mothers.Blood Pressure Monitoring Mobile Application: This mobile application consists of two modules: Expectant Mother and Caregiver modules.

Antenatal blood pressure measurements between 20 and 36 weeks' gestation contribute to the prediction of pre-eclampsia and its associated adverse outcomes.[1]

The study aimed to assess the difference in blood pressure readings between the standard and large cuff and to determine if such a difference applies over a range of arm circumferences in pregnancy.[2]

The study showed a rising trend in the incidence of pre-eclampsia over the years, though the overall prevalence was 1.2%. A little less than half of the women were nulliparous and majority had caesarean delivery.[3]

A device that can monitor the blood pressure is a smart bracelet that incorporates a pressure sensor along the wrist for continuous recording of blood pressure values. This enables the prediction of the emergency disorders using a decision support system.[4]

The reduction of maternal mortality as is envisaged by the SDG Number 3 will require concerted efforts by multiple stakeholders, addressing different dimensions of the challenge, and using a variety of processes and technologies.[5]

The classic definition of HTN is based on office blood pressure (BP) measurements, and most data relating HTN to cardiovascular morbidity and mortality are derived from office measurements.[6]

2. BLOCK DIAGRAM OF BLOOD PRESSURE MONITORING FOR PREECLAMPSIA MANAGEMENT:

The block diagram of blood pressure monitoring for preeclampsia Management is shown below

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LabVIEW BASED HILL ASSIST AND BLACK BOX IN FOUR WHEELERS

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Abstract: At the present, the vehicle operation research on slope sections in mountainous areas mainly use statistical analysis to describe the correlations between operating speed and road alignment, which could not explain the vehicle's driving risks with different dynamic characteristics on slope sections. Based on vehicle dynamic analysis, a basic operating speed of a passenger car is achieved by the dynamic model, then the model amended by road factors is acquired to predict the operating speed. The operating speed of passenger cars on some of the slope sections were carried out by LABVIEW programming and GUI visualization. The comparison of observation speed with operating one shows that the accuracy of operating speed of the forecast model is higher and has a good applicability.

Keywords: AFS, Automatic braking, LabVIEW, Hill safety, Driving Assist, cruising control, tracking control, hybrid dynamical system, GPS,GSM.

I. INTRODUCTION

The technical level of mountainous highways is relatively low. Due to the terrain limit, there are plenty of gradient sections and long slope, road safety issues become more and more prominent. The reason is that the vehicle's operating speed and design is inconsistent. The most important reason is that the area of irradiation of the front light is not at the proper position which causes low visibility and leads to accidents. Because of this, a new technology of enhancing vehicle driving safety appears which is called Adaptive Front light System (AFS). AFS is a driving safety enhancing system which can adjust front light dynamically based on the angle of the vehicle's steering wheel, the velocity of the vehicle, the pitching and lateral roll angle of the vehicle, to make sure the best illumination to the front road the research on AFS is gradually being carried out around the world. The vehicle black box system VBBS, The VBBS can contribute to constructing safer vehicles, improving the treatment of crash victims, helping insurance companies with their vehicle crash investigations, and enhancing road status in order to decrease the death rate.

From this paper was focused on control model and simulation for Adaptive Front light System (AFS) of vehicles on curve roads. Because vehicles' movement was related to complex dynamics, firstly linear two-degrees-freedom turning model and lateral role model of vehicles were studied. On the basis of these models, this paper put forward control algorithm of adaptive front light on curve roads[1]. Prototype of the Vehicle Black Box System VBBS there can be installed into any vehicle all over the world. This prototype can be designed with minimum number of circuits. The VBBS can contribute to constructing safer vehicles, improving the treatment of crash victims, helping insurance companies with their vehicle crash investigations, and enhancing road status in order to decrease the death rate[2]. Accident detection and collision is optimised using traffic signals and effective traffic management using vehicle class information. From this paper, we infer systematic approach to the above problem statement, outline the drawback of existing models and explain the need of effective traffic management in hairpin curves [4]. A system is developed to warn drivers about the approaching traffic in hill curves using ultrasonic sensors placed on both the sides of the road. The output of the ultrasonic sensor is interfaced. When a vehicle is detected by ultrasonic sensor, Processor triggers the camera to capture the image of the vehicle. The image of the vehicle is then compared with the images already uploaded in the database. The match is found and the data is send to the receiver side through Bluetooth. The output is displayed as "Two wheeler" or "Four wheeler" in the Liquid Crystal Display (LCD) [5]. Speed of a vehicle depending on the distance to an obstacle and also can initiate emergency braking automatically if needed. From this project report,

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Monitoring and saving Humidity &Temperature by using the Internet of Things

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Abstract: India's biomedical, agricultural, and pharmaceutical industries are its economic backbones. Temperature and humidity monitoring are critical in all of these industries. Any form of imbalance in environmental circumstances or unset parameters might lead to a financial loss in the pharmaceutical and agriculture industries. Medication and cell culture methods require temperature and humidity monitoring in the biomedical industry. Climate-controlled environments are also necessary for life-threatening patients in the healthcare profession. ICRC and UNHCR advised monitoring relative humidity and ambient air temperature in warehouses where raw goods are stored in this document during their audit. A device was designed to constantly measure and monitor (a record) relative humidity and temperature of ambient air.

Key Words: SHT25 sensor, Aurdino Uno board, Node MCU

1. INTRODUCTION:

The Internet of Things (IoT), which collects and links heterogeneous sensor signals to the Internet to provide intelligent services in a variety of applications such as healthcare, automotive, and industrial monitoring [1-5], has given rise to smart sensor interfaces. Healthcare systems have been researching the use of physiological and biomedical sensor data to improve the efficiency of healthy people and patients' health management. New functionalities are being included in the industrial manufacturing environment, such as safety monitoring and smart factories. Combining heterogeneous systems and services from many industries, such as providing automated healthcare services in automotive settings, is a hot issue right now. Another key trend spurred by the rise of high-end mobile CPUs is the shift away from bulky platforms Smartphones to PCs are possible, although it is currently limited to healthcare applications. As a consequence, the study proposes a smartphone-centric multi-sensor platform that can accept heterogeneous sensor signals from a variety of applications, such as environmental and healthcare data [6-10]. For this aim, the proposed platform must be adaptable enough to accept various sorts of signal processing or activities. Flexibility was realized at the system level.

In Monitoring Temperature and humidity for Server Room is a system based an IoT, which provides information while regulating temperature and humidity inside the server room.[1]

Another problem that accrued is that if there is an increase and decrease in the temperature that is drastic on server space that cannot be monitored when the network admin is not in the present..[2]

Wireless Sensor Networks (WSNs) offer a wide range of applications, including next-generation intelligent Internet of Things (IoT) applications. Network nodes in WSNs do not admit their battery replacement since the phenomenon being researched is rarely accessible or inaccessible.[3]

For certain musculoskeletal complex rupture injuries, the only treatment available is the use of immobilization splints. This type of treatment usually causes discomfort and certain setbacks in patients. In addition, other complications are usually generated at the vascular, muscular, or articular level [4]

Every time these values exceed the threshold selected for each notification given to the user via the telegram application by utilizing the telegram API..[5]

In this work, an exponential observer is performed for an exothermal axial dispersion tubular reactor that involves one nonlinear sequential reaction.[6]

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DESIGN AND ANALYSIS OF MILK PASTEURIZATION AND PACKAGING USING MYRIO

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Abstract: Currently, Milk has become an essential thing in our day-today life. Pasteurized milk actually interferes with calcium metabolism… Before heating [pasteurization], milk is a living food rich in colloidal minerals and enzymes necessary for the absorption and utilization of the sugars, fats, proteins and minerals in milk. Raw cream and butter has 'X Factor' that prevents joint stiffness. Eight to ten thousand years ago, raw and fermented milk products began to replace animal bones as a major source of minerals in many cultures. These raw dairy products were known to increase strength, fertility and general health. Present-day cultures whose diets are high in cultured raw dairy products tend to be extremely healthy, long-lived people. (The culturing of raw milk breaks down the lactose, and predigests the milk proteins.) Raw milk that is still warm from the animal has traditionally been used through the centuries for various wasting diseases… Pasteurizing milk kills off all bacteria, including the health-giving lactobacilli. This allows milk to putrefy with bad bacteria over time, rather than sour or ferment from good lactobacilli. Pasteurization also destroys vitamins, especially C, B6 and B12, and denatures fragile milk proteins. It destroys 20% of the iodine, and makes insoluble the major part of the calcium content. Everything has been delivered in packets after a general pasteurization process. Why we do pasteurization is to remove germs and unwanted presence of bacteria to be abolished.So, we are here with a method to Pasteur milk and package it in bottles for large quantity applications. Here we simulate a design used to Pasteur milk and package with use of MyRIO. This simulation describes how pasteurization process occurs and package of milk processed in different diary industries. We designed our UI using MyRIO and Backend as LabVIEW to perform simulation process pasteurization with different packaging conditions.

Keywords: Milk Pasteurization, Packaging and Bottle filling, MyRIO, LabVIEW, Flow control.

I. INTRODUCTION

Joseph Mercola, DO, osteopathic physician and author, in an Apr. 16, 2016 article for Mercola.com titled "Raw Milk and Cheese Are Undergoing a Renaissance as Artisanal Foods Rise in Popularity," wrote: Pasteurizing milk destroys enzymes, diminishes vitamins, denatures fragile milk proteins, destroys vitamin B12 and vitamin B6, kills beneficial bacteria, and promotes the growth of pathogens. Meanwhile, raw milk contains:

- Healthy bacteria that are beneficial for your gastrointestinal tract
- More than 60 digestive enzymes, growth factors, and immunoglobulins (antibodies). These enzymes are destroyed during pasteurization, making pasteurized milk harder to digest
- Phosphatase, an enzyme that aids and assists in the absorption of calcium in your bones…
- Beneficial raw fats, amino acids, and proteins in a highly bioavailable form, all 100 percent digestible
- Vitamins (A, B, C, D, E, and K) in highly bioavailable forms. Also has a balanced blend of minerals (calcium, magnesium, phosphorus, and iron) whose absorption is enhanced by live lactobacilli.

Pasteurizing milk kills off all bacteria, including the health-giving lactobacilli. This allows milk to putrefy with bad bacteria over time, rather than sour or ferment from good lactobacilli. Pasteurization also destroys vitamins, especially C, B6 and B12, and denatures fragile milk proteins.Pasteurization is important because the bacteria naturally found in some foods can make you very sick. Eating unpasteurized foods can lead to fever, vomiting and diarrhea. In some cases it can lead to conditions like kidney failure, miscarriage and even death

So, we created this project to maintain pasteurization process in a proper manner throughout using automation by using LabVIEW

This process design handles storage, heating, condensation and packaging of milk after all the process.

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SMART ENTRY SYSTEM USING IOT AND AI

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Abstract: This work introduces a new paradigm of monitoring employee entry using ESP 8266, Radio Frequency Identification (RFID) based on the Internet of Things (IoT), and Monitoring the Temperature MLX (90614) for (the COVID 19) pandemic. Organizations are concerned about checking temperature and face mask clearance. The method of having a person check these processes is a quite lost cause. . The proposed work comprises two most popular trends in technology research; IoT and ESP 8266, RFID. An efficient employee entry check system needs to be enforced at such places. Radio Frequency Identification (RFID) based at entry system provides us with a solution that the employees are under covid guidelines. This project describes the design of an RFID-based entry monitoring system that uniquely identifies each employee based on their RFID tag which is attached to their ID card. This makes the mechanism of recording the attendance, Temperature, and mask status effortless in a quicker and more protected way as compared to the conventional method. This system is designed for educational institutions, corporate offices, government offices, etc. The proposed system consists of both hardware and software components based on IoT Technology. The employee just needs to place their RFID card or tag on the reader and their details will be recorded for the day.

Keywords: RFID, Temperature, IoT, Entry Monitoring.

1. INTRODUCTION

1.1 PREAMBLE

The way of maintaining the employee entry has several drawbacks such as it's difficult to maintain manually, it can be done automatically. The AI technology-based entry check system such as sensors; biometric-based entry systems reduced human involvement and errors. Whether it is an educational institution or any organization, every institution has to maintain a proper attendance of employees for the effective functioning of the organization. By designing a user-friendly IoT-based entry check system, the employees can record their entries with ease. This would improve the accuracy of employees' details and also saves valuable time for the employees.

Smart entry Management is a solution to one of the most challenging and long-standing problems in this covid situation for the organizations. For IoT-based Smart entry Management, there are several attempts made by many researchers in this direction. , has proposed their work titled "RFID Technology Based Attendance Management System". In the project, the author describes the distinctive components of RFID technology and highlights the core competencies such as scalability and security. A deep study of the feasibility and practicality of RFID technology is carried out. The outcomes are identified as the key benefits of RFID technology where the main focus is to improve the efficiency at a lower cost.

To build a Smart entry check System there is a need to integrate different hardware components such as RFID Card Reader, and temperature sensor with the ESP 32 which in turn needs to be connected with the computer through which data communication and data handling take place. The LED display is used to indicate the Humidity of the users of the Success or Failure Scenarios when their card is made to sense against the card reader. RFID Tags or RFID Cards are used to read the user's data. These tags may contain an RFID number that the system reads and records. The RFID tags or cards can contain user's information such as student-id or employee-id, user name, department, etc. Thus the Smart entry check System is built by basic blocks which comprise both the software and the hardware component.

The user must be registered in the system for the Smart Attendance Monitoring system to identify the user. The user's information may be stored in the RFID card or tag. Once the user swipes the card against the RFID card reader, The Card reader senses the RFID card/tag number stored on it. This card number is searched in the database if the user login time is noted to indicate the Temperature and the mask status is recorded by the system.
The entry check system checks the employee's mask and the temperature. The employee will

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Smart and Secure Warehouse Monitoring System of an Agricultural Industry using LabVIEW and IoT

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Abstract: In this paper, we have used different sensors to measure the parameters in the warehouse like temperature, humidity, pressure, flame and gas detection. These parameters are sensed by the respective sensors and sent to the arduino UNO microcontroller. The arduino is coded and the corresponding simulation is done through the proteus software. The arduino sends these data to the LabVIEW software built in the PC using an USB to TTL converter via the UART (Universal Asynchronous Receiver Transmitter) communication for the monitoring purpose. An IoT based camera module is used inside the warehouse for authorization and security purposes. A door is used for letting in the authorized person using a relay and motor operation.

Keywords: Temperature and DHT11, Humidity sensor, RFID reader and tags, Arduino, IoT based sensing camera, LabVIEW.

I. INTRODUCTION

A warehouse is a mercantile architecture for an entrepot of stuff. Warehouses are used by producers, dealers, traders, wholesalers, distributors, customs, etc. warehouses should be screened at regular intervals to reduce storage cost of food grains due to atmospheric conditions and are documented. With the enlargement of business and the continuous requirements of the food product multiplicity, old style granary management prototype will not meet that, due to its heavy capacity and low proficiency. To mitigate the manual labour work and to make the work easier, a smart warehouse is implemented which is enabled with several sensors and technologies. Based on the sensor's data the appropriate data is captured and manipulated based on the limit given in the software and sent timely information to the concerned department officials of Central warehouse corporation through SMS for moderation and corrective actions arising due to atmospheric conditions inside the warehouse.

In the data warehouse based implementation, the records about the particular organization or different organizations are stored to be fetched for future usage. Electronic health record (EHR) is an important system of information and communication technologies to the healthcare sector. EHR implementation is expected to produce benefits for patients, professionals, organizations, and the population as a whole [1]. Data visualization method in 3D space that includes actual positions, volumes and space relations of the chunks of data that are being visualized. Data that is being visualized is real-time information provided by the smart warehouse management system about packages distributed on pallet places within a warehouse [2]. A robot that moves products in the warehouse according to storage and shipping requests. Our solution is designed to allow the various actors to have real-time information on the different workflows within the warehouse and all the movement of stock. Hence the need for a system that controls all zones and locations and ensures communication between the various actors and software components while optimizing data exchange and load consumption for lOT equipment [3]. Sensors include vibration, humidity, temperature, fire sensors. It is done with the help of current technology (IoT). Raspberry pi controller adopts IoT technology to convey the messages. Based on the sensor's data the appropriate data is captured and manipulated based on the limit given in the software and sent timely information to the concerned department officials of Central warehouse corporation through SMS for moderation and corrective actions arising due to atmospheric conditions inside the warehouse [4]. In this paper a novel system to monitor warehouses with wireless sensor networks is proposed. The system consists of wireless nodes and monitors. Wireless sensor nodes collect temperature and humidity information and send them to the monitor. Monitor provides GUI for warehouse operators. The design of wireless nodes and monitors are introduced in detail [5]. This paper introduces a new warehousing environment monitor system based on wireless sensor network (WSN), which can acquire real-time warehousing environment parameters and reduce the unnecessary loss caused by emergencies such as fire. We adopt the CC2530 as a wireless data

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Dual Smart Batteries Management for E-Vehicle using IOT

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Abstract: The battery is a fundamental component of electric vehicles, which represent a step forward towards sustainable mobility. Though the electric vehicles are introduced domestically, majority of the global transportation still depends on the IC engine. The transition from the conventional IC engine to E-vehicle is very minimum. The main cause for this minimum transition is the issues created by the batteries in the E-vehicles. Recently most of the e-vehicle batteries were experiencing the explosion and general failure issue. The general causes for the explosion and failure of battery is classified into three main categories, Over-heating of the battery, Over-loading of the battery, during accidents. In this paper, we are providing a system which continuous monitoring the battery using a microcontroller and preventing all these causes. The temperature monitoring in the batteries of the E-Vehicle is very important and many complication may occur due to the improper monitoring method. Some of the issues are also caused by overloading of the battery, that is charging the battery beyond the limit or charging the battery for longer period of time, will also have an impact on the battery's life and performance. Finally, during accidents, some of the survey shows that during accident the flow of current from the battery would be very high, which results the explosion of battery. This project utilizes a Battery Management System (BMS)) to manage battery cells in Electric Vehicles (EVs). Battery Management System is an automated control system which is employed to prevent batteries in the e-vehicle from explosion and failure

Keywords: E-Vehicle Charging, Battery Management System, Battery Switching, Solar Powered E-Vehicle

I. INTRODUCTION

The technologies for global transportation are dominated by IC Engine powered vehicle that leads to major threat to Green gas emission. Even though the global transportation technology partially moved to Hybrid fuels and battery electric vehicle. These technology improvement are not attracted the global customer because of its cost and its compatibility. Recently batteries in EV were exploiting due to many reasons. In most of the cases battery overloading is the main cause for the exploitation. EVs today have "wet" lithium-ion batteries, based on liquid electrolytes, to shuttle energy around. The problem is, these batteries are typically slow to charge and contain flammable material that poses a risk of fire in a crash, among other issues. Since in the hottest climate the battery discharges much faster than in normal condition. This is because of the heat, the heat is the first enemy of lithium-ion battery. Through the continuous monitoring of the battery temperature, the controller will try to maintain a ideal condition (by Cooling mechanism). Battery-shift mechanism is an automated process which is used to improve the battery life and also prevent any trouble takes place due to battery.
Mostly the battery can exploit and releases hazardous gases when an accident takes place. The BS-mechanism includes a vibration sensor in the vehicle which when detects the accident make the battery detached from the supply. This prevents the battery from the accident. Battery technology is crucial to the feasibility of electric cars and has progressed over time. TVA is exploring ways to re-use cutting-edge batteries too depleted for transportation for evening solar power distribution. Most common type of batteries used are Nickel-Cadmium, Lead-acid, Nickel-Metal-Hydride and Lithium-ion Comparison in battery dynamics and other characteristics are essential to understand which type of battery is suitable for a system.

In this charging strategy was discussed deeply through a Photovoltaic (PV)-based Battery Switch Station, which is one of typical integration systems to implement solar-to-vehicle. . From this paper, we have studied a novel charging strategy for the PV-based BSS considering the service availability and self-consumption of the PV energy [1].

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CONTROL AND MONITORING WATER IN AQUAPONICS USING IOT

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ABSTRACT: Modern aquaponics systems can be highly successful, but they require intensive monitoring, control, and management. IoT-enabled aquaponics systems on the other hand can provide the opportunity to improve the quality of the produce grown with minimal effort and automation of processes. The systems use Internet of things (IoT) technology to configure and deploy smart water-quality sensors that provide remote, continuous, and real-time information of related to water quality, on a graphical user interface (GUI). Continuous monitoring of this data, and making necessary adjustments, will facilitate the maintenance of a healthy ecosystem that is conductive to the growth of fish and plants, while utilizing about 90 percent less water than traditional farming. As using this technique water is reused, it requires less space, user gets natural food. Aquaponics can be automatically managed and controlled by making use of IOT technology with the help of sensors like pH, temperature and humidity, dissolved solvents, water level sensors.

KEYWORDS: Internet of things, graphical user interface, Wi-Fi module, cayenne application.

I.INTRODUCTION

There are many studies underway to hunt out various ways to understand this objective, one of which is Aquaponics. The term "aquaponics" is named a mixture of hydroponics and aquaculture. In aquaponics systems, the soil isn't used, but farming is administered without using soil, but nutrients are utilized in a solution. Plants only need water, sunlight is used for photosynthesis and nutrients grow, but they're going to also grow without soil, and therefore the rootage can grow better in water. one of the most problems within the world is providing food due to the huge increase in population, and on the opposite hand, the agriculture there's very crowded. Nowadays, people pay more attention to health, so they should ensure that the food they eat is healthy, so that they can use the Aquaponics system that helps to grow organic food to make sure this. Global climate change within the environment is no impact on the system, so it can increase any quiet vegetation. The system provides a farming method with minimal risk and high profit that consumers or people all over the world expect. Besides, this kind of co-cultivation farm requires complete maintenance and investment. Once fully established, chemical, viable, weed-free, low-cost, and reliable farming solutions can be obtained for free [1]. Traditional agriculture requires routine monitoring, while aquaponics systems are automated systems that require less monitoring. The survey shows that with the recycling of water by the system itself, the content of freshwater required for co-infiltration does not exceed 10%. In this document, the main objective is to propose an automated aquaponics system that requires small requirements to provide the greatest technical assistance. In this paper, we compared various existing systems in the literature survey section and proposed system and benefits of the proposed system.

II. INTERNET OF THINGS

The Internet of Things (IoT) is a system of connected things. The things generally comprise of an embedded operating system and an ability to communicate with the internet or with the neighbouring things. One of the key elements of a generic IoT system that bridges the various ‘things’ is an IoT service. An interesting implication from the ‘things’ comprising the IoT systems is that the things by themselves cannot do anything. At a bare minimum, they should have an ability to connect to other ‘things. But the real power of IoT is harnessed when the things connect to a ‘service’ either directly or via other ‘things. In such systems, the service plays the role of an invisible manager by providing capabilities ranging from simple data collection and monitoring to complex data analytics. The below diagram illustrates where an IoT service fits in an IoT eco-system: One such IoT application platform that offers a wide variety of analysis, monitoring and counter-action capabilities is Think speak.

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Industry Pollution Monitor and Control using LabVIEW

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Abstract: A like to the industrial revolution. Online Monitoring solutions of environmental The majority application of pollution monitoring system are in Industries .The control of the parameter which causes pollution and deteriorates and has received intreset from industries especially in power plant With the advent of Labview based technologies; the overall industrial sector is amenable to undergo a fundamental and essential change polluting parameter using Labview techniques help us to gather the parameter values such as pH, temperature, and concentration of methane gas, etc. Using sensors and enables to have a keen control on the environmental pollution caused by the industries. This paper introduces a LabVIEW based online pollution monitoring of industries for the control over pollution caused by untreated disposal of waste. This paper proposes the use of an PIC 1650 microcontroller board which collects the temperature using LM35 and pH parameter from the Ph sensor, methane using MQ-2 gas sensor. For monitoring and controlling, A LabVIEW is hosted which will give a real essence of Monitoring and Controlling.

Keywords— PIC microcontroller, LabVIEW

1. INTRODUCTION

Through field investigation and research, at present the plant power plant production systems exist the following problems: geographic distribution is wide, power plant production points is much, workload is very big to connect the control system. With long relied on manual pickup, manual meter reading statistics, it is less access to production information , slow the transmission speed, long processing cycles, not conducive to the discovery of the hidden problem, at the same time it will cause fluctuations and energy waste in production. With the production process more and more complex, the factory workshop each other incomplete coordination is worsening contradictions. Online monitoring has been taken for the main equipment in the existing units in power plant, such as gas turbine, steam turbine, and generator. After data processing in mean way, once fault occurs, the machine will shut down immediately. The cause of the failure cannot be determined, and data can't be long-term preservation. This paper designs a set of power plant real-time remote monitoring system monitoring and the key data (Temperature, pH Level of water, concentration of the methane gas) of the main equipment of the unit based on PIC microcontroller. Remote real-time monitoring system designed in LabVIEW monitoring and controlling the key data (Temperature, pH level of the water, concentration of the methane gas) of the main parameter of the unit, as well as a failure occurs, it is convenient to call the historical data to determine the cause of the malfunction for engineering and technical personnel.

In power plant certain level of pH is maintain in water eg (8-9.5) to monitor the pH level we can test the pH in waste water treatment by using the pH sensor , we can monitor flow of flue gas(concentration of methane) by MQ-2 gas sensor and by using LM35 we can measure the outlet steam of the boiler ,remote monitoring and controlling by using the LabVIEW.

2. BLOCK DAIGRAM

The following diagram consist of Thermal Power Plant which is used is converter of fossil fuel energy to electricity in which during a cycle, steam is used to spin a turbine driving electrical generator to produce electricity. In the power plant a steam engine drove 24 dynamo generators. Power plant cycle The condenser is a heat transfer device or unit used to condense a substance from its gaseous to liquid state , typically by cooling in it . In doing so, the latent heat is given up by the substance and will transfer to the condenser coolant. by adding the smart industry system in the power plant we can monitor the flow the flue gas by gas level sensor ,and also we increase the efficiency of the plant by avoiding the not present of the flue gas in the combustion system in the boiler ,the water plays very important role in the power plant industry ,In industry water ph value maintained in (8-9)so we can monitor the pH level of the water from the outlet of the waste water treatment plant (wwtp) by maintaining the ph value e can provide the boiler from the corrosion ,erosion and many problem that reduce the efficiency of the boiler and the last parameter is temperature in the power plant industry they maintain the steam in the certain temperature so they can feed the steam in the turbine in

Artificial Intelligence Based Smart Industry Pollution Monitor and Control using LabVIEW.

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Abstract:

The majority applications of pollution monitoring systems are in industries. The control of the parameters which causes pollution and deteriorates the industrial and natural environment pattern is a great challenge and has received interest from industries especially in Petro chemical industries, Paper making industries, Water treatment industries and Sugar manufacturing industries. The main objective of our project is to design an efficient and robust system to monitor the parameters causing pollution and to minimize the effect of these parameters without affecting the plant or natural environment. The proposed methodology is to model a system to read and monitor pollution parameters and to inform pollution control authorities when any of these factors goes higher than industry standards. A mechanism using IoT, Artificial Intelligence and LabVIEW is introduced in this proposed methodology, which will automatically monitor when there is a disturbance affecting the system. The system is implemented using LabVIEW software. The system investigates level of pH in industry effluents, level of CO gas released during industry process and temperature of the machinery. With the design of IoT, the signals can be effectively transferred and the actions in these cases can still be made accurate and effective.

Key words: Artificial intelligence , IoT , LabVIEW ,pH, Gas

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Portable Heartbeat Rate Monitoring System by Using LabVIEW

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Abstract

In this paper, we present a prototype for heart rate monitoring. Heart rate monitoring technology can be achieved using the LabVIEW platform. This proposed system deploys integrated devices to monitor individuals in periodic periods via wireless technology. As Biological factors are the only factors that can determine whether an individual is in normal health conditions. The first stage of the proposed system includes monitoring the heart rate, where the heart condition is the most vital sign, to determine the health status of individuals suffering from stress, and thus, converting abnormal states to fully verify the heart signal as the second stage signal.

Keywords: Heartbeat Rate Monitoring, Health Status

1. INTRODUCTION

The death rate in the world has been increasing recently due to cardiovascular and other chronic diseases. Cardiovascular diseases are certain kind of disorders that damage the heart, veins, and arteries. Heart related cardiovascular diseases are like heart attack, stroke, and heart failure. On the other hand, blood vessels related cardiovascular diseases are like coronary

Control of Industrial milk pasteurization and packaging with different temperature control in LabVIEW for HTST control

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ABSTRACT

Currently, As recently as the nineteenth century, humans risked serious illness or even death by drinking liquids—such as milk, juice, or even water—that were several days old. By contrast, today's beverages have a long shelf life thanks to the pasteurization process, named for the nineteenth century French scientist Louis Pasteur. Pasteurizing a liquid provides many benefits. Providing a longer shelf life when compared to unpasteurized milk. Elimination of volatile aroma compounds from certain foods. Virtual laboratories are becoming increasingly popular for educational purposes. This paper reports on the development of a virtual lab that is based on an industrial pasteurization plant. An accurate first-principles non-linear single input single-output physical model represents the pasteurization process. A comprehensive range of experiments was designed to explore issues in, and support an introductory-level course in process control. The experiments focus on process modelling and PID control technology.

INTRODUCTION

Joseph Mercola, DO, osteopathic physician and author, in an Apr. 16, 2016 article for Mercola.com titled "Raw Milk and Cheese Are Undergoing a Renaissance as Artisanal Foods Rise in Popularity," wrote: Pasteurizing milk destroys enzymes, diminishes vitamins, denatures fragile milk proteins, destroys vitamin B12 and vitamin B6, kills beneficial bacteria, and promotes the growth of pathogens. Meanwhile, raw milk contains:

- Healthy bacteria that are beneficial for your gastrointestinal tract
- More than 60 digestive enzymes, growth factors, and immunoglobulin (antibodies). These enzymes are destroyed during pasteurization, making pasteurized milk harder to digest
- Phosphatase, an enzyme that aids and assists in the absorption of calcium in your bones…

Pasteurizing milk kills off all bacteria, including the health-giving lactobacilli. This allows milk to putrefy with bad bacteria over time, rather than sour or ferment from good lactobacilli. Pasteurization also destroys vitamins, especially C, B6 and B12, and denatures fragile milk proteins. Pasteurization is important because the bacteria naturally found in some foods can make you very sick. Eating unpasteurized foods can lead to fever, vomiting and diarrhoea. In some cases it can lead to conditions like kidney failure, miscarriage and even death. So, we created this project to maintain pasteurization process in a proper manner throughout using automation by using

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Design of a Fire Extinguishing System in a Warehouse through Image Processing along with Cloud Computing

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Abstract

Every year, thousands of forest warehouse fires across the globe cause disasters beyond measure and description. This issue has been the research interest for many years; there are a huge amount of very well studied solutions available out there for testing or even ready for use to resolve this problem. Forest and urban warehouse fires have been and still are serious problems for many countries in the world. Currently, there are many different solutions to detect forest warehouse fires. People are using sensors to detect the warehouse fire. But this case is not possible for large acres of forest. In this thesis, we discuss a new approach for warehouse fire detection, in which modern technologies are used. In particular, we propose a platform for Artificial Intelligence using deep learning algorithms such as Convolutional Neural Network. These computer vision methods for recognition and detection of warehouse fire, based on the still images or the video input from the cameras. The accuracy is based on the algorithm which we are going to use and the datasets and splitting them into a train set and test set.

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Vibration Monitoring and analysis using dSPACE Card

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Abstract

Vibration monitoring in the industrialized and domestic applications is important and many complications can occur due to absence of improper vibration monitoring method. Vibration analysis provides relevant information about abnormal working condition of machine parts. Vibration measurement is prerequisite for vibration analysis which is used for condition monitoring of machinery. This paper presents implementation of a reliable and efficient vibration monitoring system using MATLAB & dSPACE card. In this project we are using the digital Storage Oscilloscope the data can be accessed via real time graphical representation. This project model will continuously measure and monitor the vibration in any device which is operated. In Digital Storage Oscilloscope the data can be viewed in graphical representation and display format is also viewed. This project can be implemented in various industrial sectors such as automotive industries, power plant and other industries that need the data to be saved and analyzed.

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LabVIEW Based Hill Assist and Black Box in Four Wheelers with Battery Management

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Abstract:

At the present, the vehicle operation research on slope sections in mountainous areas mainly use statistical analysis to describe the correlations between operating speed and road alignment, which could not explain the vehicle's driving risks with different dynamic characteristics on slope sections. Based on vehicle dynamic analysis, a basic operating speed of a passenger car is achieved by the dynamic model, then the model amended by road factors is acquired to predict the operating speed. The operating speed of passenger cars on some of the slope sections were carried out by LABVIEW programming and GUI visualization. The comparison of observation speed with operating one shows that the accuracy of operating speed of the forecast model is higher and has a good applicability.Mostly Battery efficiency will reduce in lower temperature. So travelling to hill stations through E-Vehicles becomes a serious issue. Hence a battery management system is needed and it is achieved through a BMS. This project utilizes a Battery Management System (BMS) to manage battery cells in Electric Vehicles (EVs). Battery Management System is an automated control system which is employed to prevent batteries in the e-vehicle from explosion and failure. The battery management system can be integrated with the monitoring structure which is capable of both managing, monitoring and logging the data to an online database. This system monitors the battery parameters like voltage, temperature and status of charging and discharging. These parameters are then sent and stored in a database via internet which is then shown to the user by means of an android app.

Keywords: AFS, Automatic braking, LabVIEW, Hill safety, Driving Assist, cruising control, tracking control, hybrid dynamical system, GPS,GSM.

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Static Structural Analysis of Cantilever Beam using Different Tools

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Abstract

This article concerns about the static structural analysis of a cantilever beam. The cantilever beam is fixed to one end and the force is applied to the other free end. This action made the beam to vibrate. It is analyzed using different types of software and the displacement and stress values are compared for the beam. ANSYS, COMSOL and Solid Works are the software used to structural analysis of the beam and the respected changes of values are compared.

Keywords: Cantilever Beam, Structural Analysis, ANSYS, COMSOL and SOLID WORKS.

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1.Introduction

Flexible structures usually have low flexible rigidity and small material damping ratio. A little excitation may lead to destructive large amplitude vibration and long settling time. These can result in fatigue, instability and poor operation of the structures. Vibration control of flexible structures is an important issue in many engineering applications, especially for the precise operation performances in aerospace systems, satellites, flexible manipulators, etc. The vibration measurement technique using Digital Image Correlation as an alternative method to

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A STUDY ON VP MOTORS (ROYAL ENFIELD SHOWROOM), PERAMBALUR

Submitted By

RUDRAN.N

Reg. No. 813820631036

A SUMMER TRAINING REPORT

Submitted to the

FACULTY OF MANAGEMENT STUDIES

In partial fulfillment of the requirement

For the award of the degree of

MASTER OF BUSINESS ADMINISTRATION

ANNA UNIVERSITY

CHENNAI 600 025

DECEMBER – 2021

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Viva – Voce examination held on ...27/01/2022.....

Signature of Internal Examiner

Signature of the External Examiner

ROYAL ENFIELD

24.09.2021

TO WHOMSOEVER IT MAY CONCERN

This is to certify that MR. **N. RUDRAN**, REG NO : 813820631036, MBA, Saranathan College of Engineering, Tiruchirapalli, has undergone Internship Training in our Company from 13.09.2021 to 24.09.2021.

During this period his conduct was good and we wish him for his future endeavours.

For **VP MOTORS**,

For VP MOTORS

PERUMAL
PARTNER

V.P MOTORS

Show Room
Vengatesapuram,
Perambalur 621 212

Work Shop :
Vengatesapuram
Perambalur 621212

A STUDY ON BUNGE INDIA PRIVATE LIMITED, TRICHY

Submitted By

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A SUMMER TRAINING REPORT

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BUNGE

September 23, 2021

To Whomsoever it may Concern

This is to certify that **Mr. C.Sabarish Srihari** pursuing **II^nd year MBA (Operations & Finance)** in **Saranathan College of Engineering, Trichy** has undergone **In-Plant Training** in our organization from **06/09/2021** to **22/09/2021**. During this period, we found his performance and conduct to be good.

We wish him all the best in his future endeavors.

Yours faithfully

For **Bunge India Private Limited**

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Bandra East, Mumbai - 400 051.
CIN No : U74110MH1958PTC172267

10. Inter - Collegiate competitions / Seminars / Symposiums / Conferences

Name of the student participated	Date of event/activity (DD-MM-YYYY)	Name of the event/activity
SIVA PRASATH. R	29-04-2022	HR EVENT, PROGYAN'22, SASTRA
ABIRAMI. S	29-04-2022	HR EVENT, PROGYAN'22, SASTRA
AKILA. B	29-04-2022	MARKETING, PROGYAN'22, SASTRA
PRIYADHARSHINI. R	29-04-2022	MARKETING, PROGYAN'22, SASTRA
KAMALI. P L	29-04-2022	FINANCE, PROGYAN'22, SASTRA
RAJASREE. S	29-04-2022	FINANCE, PROGYAN'22, SASTRA
DHIVYASREE. S	29-04-2022	BEST MANAGER, PROGYAN'22, SASTRA
VEERAPRASATH. V	29-04-2022	PHOTOGRAPHY, PROGYAN'22, SASTRA
RAM PRASAD. M	29-04-2022	TREASURE HUNT, PROGYAN'22, SASTRA
KIRUTHIGA. V	29-04-2022	TREASURE HUNT, PROGYAN'22, SASTRA
DEEPTHIKA REENA. S	29-04-2022	TREASURE HUNT, PROGYAN'22, SASTRA
SIVAKUMAR. S	29-04-2022	TREASURE HUNT, PROGYAN'22, SASTRA
ANJANAA. T N	11-05-2022	GD WAR, CARE BUSINESS SCHOOL
KEERTHANA. B	11-05-2022	GD WAR, CARE BUSINESS SCHOOL
KIRUTHIGA. V	11-05-2022	GD WAR, CARE BUSINESS SCHOOL
RAJASREE. S	11-05-2022	GD WAR, CARE BUSINESS SCHOOL
SILVIYA. I	11-05-2022	GD WAR, CARE BUSINESS SCHOOL
DEEPIKA. H	28-04-2022	BEST OUT OF WASTE, RIGEL 2022, SRM TRICHY ARTS AND SCIENCE COLLEGE
DEVI PRIYA. K	28-04-2022	AD-MAD, RIGEL 2022, SRM TRICHY ARTS AND SCIENCE COLLEGE
DHARANI. M	28-04-2022	AD-MAD, RIGEL 2022, SRM TRICHY ARTS AND SCIENCE COLLEGE

EZHIL MATHI. M	28-04-2022	HR GAMES,RIGEL 2022, SRM TRICHY ARTS AND SCIENCE COLLEGE
GANGAI. J	28-04-2022	AD-MAD, RIGEL 2022, SRM TRICHY ARTS AND SCIENCE COLLEGE
SARANYA. R	28-04-2022	BEST OUT OF WASTE, RIGEL 2022, SRM TRICHY ARTS AND SCIENCE COLLEGE
SHREELAKSHMI. R	28-04-2022	AD-MAD, RIGEL 2022, SRM TRICHY ARTS AND SCIENCE COLLEGE
YOGA LAKSHMI. S	28-04-2022	HR GAMES,RIGEL 2022, SRM TRICHY ARTS AND SCIENCE COLLEGE

SASTRA

DEEMED TO BE UNIVERSITY

THANJAVUR · KUMBAKONAM · CHENNAI

SCHOOL OF MANAGEMENT

PROGYAN '22

(NATIONAL LEVEL INTER-COLLEGIATE MANAGEMENT MEET)

PARTICIPATION CERTIFICATE

This is to certify that ~~Mr~~/Ms. PRIYADHARSHINI R

of SARANATHAN COLLEGE OF ENGINEERING has participated

in the MARKETING event

of **Progyan'22** held on 29th April 2022.

Dr. V. Vijay Anand
Convenor

Dr. V. Badrinath
Dean

SASTRA

SCHOOL OF MANAGEMENT

PROGYAN '22

(NATIONAL LEVEL INTER-COLLEGIATE MANAGEMENT MEET)

PARTICIPATION CERTIFICATE

This is to certify that Mr/~~Ms~~ V. VEERAPRASATH

of SRM NAGAR COLLEGE OF ENGINEERING has participated

in the PHOTOGRAPHY event

of **Progyan'22** held on 29th April 2022.

Dr. V. Vijay Anand
Convener

Dr. V. Badrinath
Dean

SASTRA

SCHOOL OF MANAGEMENT

PROGYAN '22

(NATIONAL LEVEL INTER-COLLEGIATE MANAGEMENT MEET)

PARTICIPATION CERTIFICATE

This is to certify that Mr/Ms. KAVIYA P.L

of SARANATHAN COLLEGE OF ENGINEERING has participated

in the FINANCE event

of **Progyan'22** held on 29th April 2022.

Dr. V. Vijay Anand
Convener

Dr. V. Badrinath
Dean

SASTRA

DEEMED TO BE UNIVERSITY

THANJAVUR, TAMILNADU, INDIA

SCHOOL OF MANAGEMENT

PROGYAN '22

(NATIONAL LEVEL INTER-COLLEGIATE MANAGEMENT MEET)

PARTICIPATION CERTIFICATE

This is to certify that Mr/~~Ms~~. RAM PRASAD M

of SARANATHAN COLLEGE OF ENGINEERING has participated

in the TREASURE HUNT event

of **Progyan'22** held on 29th April 2022.

Dr. V. Vijay Anand
Convenor

Dr. V. Badrinath
Dean

SASTRA

DEEMED TO BE UNIVERSITY

THANJAVUR, TAMILNADU, INDIA

SCHOOL OF MANAGEMENT

PROGYAN '22

(NATIONAL LEVEL INTER-COLLEGIATE MANAGEMENT MEET)

PARTICIPATION CERTIFICATE

This is to certify that Mr/~~Ms~~. SIVA KUMAR S

of SARANATHAN COLLEGE OF ENGINEERING has participated

in the TREASURE HUNT event

of **Progyan'22** held on 29th April 2022.

Dr. V. Vijay Anand
Convenor

Dr. V. Badrinath
Dean

SASTRA

SCHOOL OF MANAGEMENT

PROGYAN '22

(NATIONAL LEVEL INTER-COLLEGIATE MANAGEMENT MEET)

PARTICIPATION CERTIFICATE

This is to certify that Mr/~~Ms~~. SIVA PRASATH R

of SARANATHAN COLLEGE OF ENGINEERING has participated

in the HR event

of **Progyan'22** held on 29th April 2022.

Dr. V. Vijay Anand
Convenor

Dr. V. Badrinath
Dean

SASTRA

SCHOOL OF MANAGEMENT

PROGYAN '22

(NATIONAL LEVEL INTER-COLLEGIATE MANAGEMENT MEET)

PARTICIPATION CERTIFICATE

This is to certify that ~~Mr~~/Ms. KRITHIGA.V

of SARANATHAN COLLEGE OF ENGINEERING has participated

in the TREASURE HUNT event

of **Progyan'22** held on 29th April 2022.

Dr. V. Vijay Anand
Convenor

Dr. V. Badrinath
Dean

SASTRA

DEEMED TO BE UNIVERSITY

SCHOOL OF MANAGEMENT

PROGYAN '22

(NATIONAL LEVEL INTER-COLLEGIATE MANAGEMENT MEET)

PARTICIPATION CERTIFICATE

This is to certify that Mr/Ms. AKILA B

of SARANATHAN COLLEGE OF ENGINEERING has participated

in the MARKETING event

of **Progyan'22** held on 29th April 2022.

Dr. V. Vijay Anand
Convener

Dr. V. Badrinath
Dean

SASTRA

SCHOOL OF MANAGEMENT

PROGYAN '22

(NATIONAL LEVEL INTER-COLLEGIATE MANAGEMENT MEET)

PARTICIPATION CERTIFICATE

This is to certify that Mr/Ms. ABRAHAM .S

of SARANATHAN COLLEGE OF ENGINEERING has participated

in the HR event

of **Progyan'22** held on 29th April 2022.

Dr. V. Vijay Anand
Convener

Dr. V. Badrinath
Dean

CARE BUSINESS SCHOOL

GD WAR

Discuss | Compete | Excel

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

MR/MS. T N ANJANA HAS

PARTICIPATED IN THE GD WAR - A GROUP DISCUSSION COMPETITION

ORGANIZED BY CARE BUSINESS SCHOOL,TRICHY

HELD ON 11TH MAY 2022

Ms. C.M. LEKSHMI
Event Coordinator

Mr. R.Venkatesh
HOD-MBA

CARE BUSINESS SCHOOL

GD WAR

Discuss | Compete | Excel

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

MR/MS. RAJASREE.S HAS

PARTICIPATED IN THE GD WAR - A GROUP DISCUSSION COMPETITION

ORGANIZED BY CARE BUSINESS SCHOOL,TRICHY

HELD ON 11TH MAY 2022

Ms. C.M. LEKSHMI
Event Coordinator

Mr. R.Venkatesh
HOD-MBA

CARE BUSINESS SCHOOL

GD WAR

Discuss | Compete | Excel

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

MR/MS. **KIRUTHIGA.V** HAS

PARTICIPATED IN THE GD WAR - A GROUP DISCUSSION COMPETITION

ORGANIZED BY CARE BUSINESS SCHOOL,TRICHY

HELD ON 11TH MAY 2022

Ms. C.M. LEKSHMI

Mr. R.Venkatesh

CARE BUSINESS SCHOOL

GD WAR

Discuss | Compete | Excel

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

MR/MS. **B.KEERTHANA** HAS

PARTICIPATED IN THE GD WAR - A GROUP DISCUSSION COMPETITION

ORGANIZED BY CARE BUSINESS SCHOOL,TRICHY

HELD ON 11TH MAY 2022

Ms. C.M. LEKSHMI

Mr. R.Venkatesh

CARE
BUSINESS SCHOOL

GD WAR

Discuss | Compete | Excel

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT

MR/MS. Silviya HAS

PARTICIPATED IN THE GD WAR - A GROUP DISCUSSION COMPETITION

ORGANIZED BY CARE BUSINESS SCHOOL,TRICHY

HELD ON 11TH MAY 2022

Ms. C.M. LEKSHMI

Mr. R.VenKatesh

SRM TRICHY ARTS AND SCIENCE COLLEGE

(A Unit of SRM Group of Educational Institutions)
Affiliated to Bharathidasan University, Trichy
SRM Nagar, Trichy - Chennai Highway, Near Samayapuram, Trichy - 621 105

RIGEL 2022

Certificate of Participation

This is to certify that Mr./Ms. R.SARANYA, I MBA from SARANATHAN COLLEGE OF ENGINEERING has participated in the event BEST OUT OF WASTE conducted as a part of **"RIGEL 2022"** a National Level Management Meet organized by the Department of Management Studies on 28/04/2022.

HOD / Convener

Principal

SRM TRICHY ARTS AND SCIENCE COLLEGE

(A Unit of SRM Group of Educational Institutions)
Affiliated to Bharathidasan University, Trichy
SRM Nagar, Trichy - Chennai Highway, Near Samayapuram, Trichy - 621 105

RIGEL 2022

Certificate of Participation

This is to certify that Mr./Ms. H.DEEPIKA, I MBA from SARANATHAN COLLEGE OF ENGINEERING has participated in the event BEST OUT OF WASTE conducted as a part of **"RIGEL 2022"** a National Level Management Meet organized by the Department of Management Studies on 28/04/2022.

HOD / Convener

Principal

SRM TRICHY ARTS AND SCIENCE COLLEGE

(A Unit of SRM Group of Educational Institutions)
Affiliated to Bharathidasan University, Trichy
SRM Nagar, Trichy - Chennai Highway, Near Samayapuram, Trichy - 621 105

RIGEL 2022

Certificate of Participation

This is to certify that Mr./Ms. V. DEVI PRIYA, I MBA from SARANATHAN COLLEGE OF ENGINEERING has participated in the event AD MAD conducted as a part of **"RIGEL 2022"** a National Level Management Meet organized by the Department of Management Studies on 28/04/2022.

HOD / Convener

Principal

SRM TRICHY ARTS AND SCIENCE COLLEGE

(A Unit of SRM Group of Educational Institutions)
Affiliated to Bharathidasan University, Trichy
SRM Nagar, Trichy - Chennai Highway, Near Samayapuram, Trichy - 621 105

RIGEL 2022

Certificate of Participation

This is to certify that Mr./Ms. S. GANGARI, I MBA from SARANATHAN COLLEGE OF ENGINEERING has participated in the event AD MAD conducted as a part of **"RIGEL 2022"** a National Level Management Meet organized by the Department of Management Studies on 28/04/2022.

HOD / Convener

Principal

SRM TRICHY ARTS AND SCIENCE COLLEGE

(A Unit of SRM Group of Educational Institutions)

Affiliated to Bharathidasan University, Trichy

SRM Nagar, Trichy - Chennai Highway, Near Samayapuram, Trichy - 621 105

RIGEL 2022

Certificate of Participation

This is to certify that Mr./Ms. M. EZHIL MATHI, I MBA from SARANATHAN COLLEGE OF ENGINEERING has participated in the event HR GAMES conducted as a part of "RIGEL 2022" a National Level Management Meet organized by the Department of Management Studies on 28/04/2022.

HOD / Convener

Principal

SRM TRICHY ARTS AND SCIENCE COLLEGE

(A Unit of SRM Group of Educational Institutions)

Affiliated to Bharathidasan University, Trichy

SRM Nagar, Trichy - Chennai Highway, Near Samayapuram, Trichy - 621 105

RIGEL 2022

Certificate of Participation

This is to certify that Mr./Ms. M. DHARANI, I MBA from SARANATHAN COLLEGE OF ENGINEERING has participated in the event AD-MAD conducted as a part of "RIGEL 2022" a National Level Management Meet organized by the Department of Management Studies on 28/04/2022.

HOD / Convener

Principal

SRM TRICHY ARTS AND SCIENCE COLLEGE

(A Unit of SRM Group of Educational Institutions)
Affiliated to Bharathidasan University, Trichy
SRM Nagar, Trichy - Chennai Highway, Near Samayapuram, Trichy - 621 105

RIGEL 2022

Certificate of Participation

This is to certify that Mr./Ms. S. YOGA LAKSHMI , I MBA from SARANATHAN COLLEGE OF ENGINEERING has participated in the event HR GAMES conducted as a part of **"RIGEL 2022"** a National Level Management Meet organized by the Department of Management Studies on 28/04/2022.

HOD / Convener

Principal

SRM TRICHY ARTS AND SCIENCE COLLEGE

(A Unit of SRM Group of Educational Institutions)
Affiliated to Bharathidasan University, Trichy
SRM Nagar, Trichy - Chennai Highway, Near Samayapuram, Trichy - 621 105

RIGEL 2022

Certificate of Participation

This is to certify that Mr./Ms. R. SHREELAKSHMI , I MBA from SARANATHAN COLLEGE OF ENGINEERING has participated in the event AD MAD conducted as a part of **"RIGEL 2022"** a National Level Management Meet organized by the Department of Management Studies on 28/04/2022.

HOD / Convener

Principal

13. GUEST LECTURE

SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF MANAGEMENT STUDIES

Special Lecture

Subject Matter Expert

Dr. S. N. Raghavendra

Area Chair & Associate Professor,
Bharathidasan Institute of Management (BIM)
Trichy

Title: "Recent Trends in Global HR"

An interactive two way communicative lecture

16th MAY, 2022 (Monday)
10.30-12.00 hours
Venue: MBA SEMINAR HALL
All are invited to join, collaborate and communicate.

Dr. K. KARTHIKEYAN
HoD - MBA

Saranathan College of Engineering
(Affiliated to Anna University - Chennai)
Accredited by NAAC A+ NBA CSE ECE EEE ICE IT MECH

Department of Management Studies

Special Lecture

The Department of Management Studies of Saranathan College of Engineering organised a guestlecture titled **"Recent Trends in Global HR"** on **16th May 2022 (Monday) between 10.30 AMand 12.30 PM.** The programme was held in the MBA Seminar Hall and was attended by I year MBA Students. Dr. S. N. Raghavendra, Associate Professorand Area Chair– HR, Bharathidasan Institute of Management(BIM), Trichy was there source person.

It was an intellectually stimulating and engaging conversation with the MBA students by their source person, Dr. S. N. Raghavendra,a highly accomplished and erudite HR academician.The sagacious resource person was fluid in sharing his thoughts, which were laced with wisdom. He emphasized the importance and pervasive nature of HR since every person in the society, inhis/her interaction with others, needs to be a good HR person. He also stated that being able toconverse with one's own self is essential to understand others' thoughts/feelings/ behaviour and there by successfully influence/ motivate others.

For a HR person, the brain as well as heartshould works in congruence. Here marked that articulating our thoughts is much easier than expressing in words how we 'feel'. He shared that in an organization, things are done 'with and through other human beings'. He shared how HR has abigger scope in future, notwithstanding the changing business landscape and technologies. He explained that the role of HR is evolving from "policing" to "employee wellness" in organizations.

He stated that organizations that have pro-actively envisaged the changes in the impending futureare the ones more successful than the ones which fail to foresee change and simply react tochanges as changeis theonly constant.Successful companies arecompetitiveandacquirecompetitive advantages light-years ahead of their competitors. Some of the recent changes in HRsuch as the adoption of Cloud HR software, people analytics were discussed by the illustriousresource person. The work culture has changed for the good such that even an employee's guilt-free exit is being ensured by organizations.

The session, characterized by the students' quest for knowledge satiated by the guest, culminated with the students seeking to know more on various concepts inmanagementandtheguest willfully obligingtoanswersuccinctly all the queries posed by the students.

Saranathan College of Engineering
(Affiliated to Anna University - Chennai)

Accredited by NAAC A+ | NBA NATIONAL BOARD OF ACCREDITATION CSE ECE EEE ICE IT MECH | IEI

DEPARTMENT OF MANAGEMENT STUDIES

Special Lecture

Subject Matter Expert

Mr. K. VIJAYAN., M.B.A.,

Assistant Manager, Jaya Television network,

Title: "Digital & Media Marketing"

An interactive two way communicative lecture

16th FEBRUARY, 2022 (Wednesday)
10.30-12.30 hours

Venue: MBA SEMINAR HALL

All are invited to join, collaborate and communicate.

Dr. K. KARTHIKEYAN
HoD - MBA

Saranathan College of Engineering
(Affiliated to Anna University - Chennai)
Accredited by NAAC A+ NBA NATIONAL BOARD OF ACCREDITATION CSE ECE EEE ICE IT MECH

Department of Management

StudiesSpecialLecture

The Department of Management Studies of Saranathan College of Engineering organisedaguest lecture titled **"Digital and Media Marketing"**on**16th February 2022 (Wednesday) between 10.30 AM and 12.30 PM.** The programme was held in the MBA Seminar Hall and was attended by the I year MBA Students and the faculty members.

Mr. K. Vijayan, Assistant Manager, Jaya Television network wasthe resource person of the day whose lecture was a treat to all the creative and curious MBAs with an insatiable hunger to know and explore the uncharted contours of digital and media marketing, a blooming industry which offers plethora of job opportunities and fascinates every management graduate. The illustrious resource person dispelled all the myths related to marketing as a career option and exuded optimism in stating that marketing as a career option has a glorious future. He stated that the recipe for a successful MBA must possess all the sine qua non ingredients – the first and foremost of which is taking initiative, being a jack of all trades, staying updated by constantly reading business dailies and magazines, being able to communicate well, following the dressing etiquette.

The resource person shared his personal experiences in his illustrious marketing career and spoke about the importance of making the right career choice and the right sphere of work. He recalled an inspiring quote by one of his mentors, "Work for your work, not for the Company'.

The resource person dwelt at length the details of tariffs for advertising in newspapers, magazines and the cost of airtime for a 10 second slot of television commercial in television channels and went on to highlight the importance of television channels and interesting content such as serials (sop operas) and movies which garners more eyeballs (television rating points) commanding a high advertising tariff. He also stated his own personal experiences having been able to offer good benefits to some of his corporate clients who have reaped the benefits of advertising on television channels.

The resource person spoke about digital marketing and how one can make a career out of it. He spoke about the benefits of it as it can reach the intended audience at cheaper cost and many brands have benefitted from it by way of increased popularity and sales.

SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF MANAGEMENT STUDIES

Special Lecture

Subject Matter Expert

Dr. S. N. Raghavendra

Area Chair & Associate Professor,
Bharathidasan Institute of Management (BIM)
Trichy

Title: "Banking Frauds and Safety Awareness Programme"

An interactive two way communicative lecture

30th Nov. 2021 (Tuesday)
3 to 4.30 pm
Venue: MBA SEMINAR HALL

All are invited to join, collaborate and communicate.

Saranathan College of Engineering
(Affiliated to Anna University - Chennai)
Accredited by NAAC A+ NBA NATIONAL BOARD OF ACCREDITATION CSE ECE EEE ICE IT MECH

Department of Management Studies Special Lecture

The Department of Management Studies of Saranathan College of Engineering organisedaguest lecture titled **"Banking Frauds and Safety Awareness Programme"** on **30th November 2021 (Tuesday) between 3.00 PM and 4.30 PM.** The programme was held in the MBA Seminar Hall and was attended by the I year and II year MBA Students and the faculty members.

Mr. G. Kannan, Area Manager, Credit Intelligence and Control Unit, HDFC Bank Ltd., Thillai Nagar, Trichy wasthe resource person who gave a highly educational content on the developments in banking sector and also the safety issues in banking sector. The banking sector, characterized by cash as its raw material, is highly susceptible to frauds. With the advent of electronic banking, customers have begun to get an unimaginable convenience in transacting – be it fund transfer, payments, withdrawal of money from accounts etc. saving customers from having to go to the bank and wait in long queues to do the transactions. However, along with the immense benefits, there are commensurate risks posed by fraudsters and scammers.

The awareness programme was meant to throw light on how such fraudsters operate and also to educate the customers to desist from giving their personal details to suspicious callers/senders of emails etc. It was remarked that customers need to be highly aware and vigilant while transacting online as it was the only solution to prevent oneself from falling prey to such cybercrimes. Keeping one's financial account details highly confidential, having a strong password for safety reasons, having DND (Do Not Disturb) facility registered with one's telecom service provider, not clicking on suspicious links and transacting only on websites which are secure (https) are some of the recommendations made by the resource person for banking safety.

The resource person, towards the end of the session, urged everyone to spread the awareness and be highly vigilant while using ATMs, online banking and credit/debit cards. The session sensitized everyone on the benefits of online banking and also the practices to be followed by users of online banking in an authenticated and secure manner.

Saranathan College of Engineering
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DEPARTMENT OF MANAGEMENT STUDIES

Special Lecture

Subject Matter Expert

Sri. A. SUGUMAR

Senior Branch Manager - Angel Broking Ltd.,

Coimbatore

Angel Broking

Title: "SMART WAY TO INVEST"

An investment awareness programme

An interactive two way communicative lecture

29th OCTOBER, 2021 (Friday)
14.00-16.00 hours

Venue: MBA SEMINAR HALL

All are invited to join, collaborate and communicate.

Dr. V. MAHALAKSHMI
Coordinator

Dr. K. KARTHIKEYAN
HoD - MBA

SARANATHAN COLLEGE OF ENGINEERING
Affiliated to Anna University -Chennai
Approved by AICTE -New Delhi

Department of Management Studies

SpecialLecture

The Department of Management Studies of Saranathan College of Engineering organized aguest lecture exclusively for the II year MBA Students. It was an Investment awareness programme titled **"Smart way to invest"** on **29th October 2021 (Friday).Sri. A. Sugumar, Senior Branch Manager, Angel Broking Limited, Coimbatore**was the resource person who gave a highly informative lecture on investing in equity and the benefits of it. The guest lecture co-ordinator was Dr. V. Mahalakshmi, Assistant Professor, Department of Management Studies.

The resource person shared a vast amount of his experience and expertise in stock market investing. It was remarked that benefits of investment need no emphasis with people parking their savings in various investment avenues such as bonds, fixed deposits, debentures, real estate, gold, shares etc. to cope with price rise due to inflation and to meet their future needs in life for children's education, marriage expenses, construction of a house etc. The stock market is an all the more alluring investment avenue for investors as it offers greater returns in the form of dividends, capital gains, bonus issue, rights issue, buy back of shares etc.

The resource person dwelt at length on secondary market – the stock exchanges, the primary market, Initial Public Offers, gains made by investors from IPOs (from buying IPOs at issue price and thereupon selling it after listing). The details of recent IPOs that were on offer in the primary market were given by the resource person and it was highlighted that some IPOs have been able to offer investors double the issue price on listing date itself such as IRCTC, Paras Defence and Space Technologies Ltd., Tatva Chintan Pharma, GR Infraprojects, Indigo Paints.

The resource person also shared his expertise on derivatives, commodity derivatives trading (MCX), currency trading, mutual funds and bonds. On the whole, it was a highly enlightening session, an incisive commentary on the recent happenings in the stock markets with the resource person sharing his valuable ideas and inputs. The MBA students could easily get a rudimentary grasp of the stock market as well as a more detailed/advanced knowledge on investments.

SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI -620012

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ELCOMMFEST-21

CIRCUIT DEBUGGING

29.10.2021

Name of the student	Position
Vignesh Saran T(232100) (II Year)	I
Tharunkumar (232096) (II Year)	II
Karthiga M(232031) (II Year)	III

Prof. S.Hariprasath, AP/ECE

Prof. K.Malaisamy, AP/ECE

SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI -620012

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ELCOMMFEST-21

TECHNICAL QUIZ

29.10.2021

Name of the student	Position
Uberdran V(222115) Yogesh S(222121) (III Year)	I
Harithas S (222034) Deivanai M(222022) (III Year)	II
Manoj Kumar M(222064) Mohamad Riyaz A B (222068) (III Year)	III

Prof. J.Eindumathy, AP/ECE

Prof. A.Shamimbanu, AP/ECE 29/10/2021

SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI-620012

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ELCOMMFEST-21

PAPER PRESENTATION

29.10.2021

Name of the student	Position
Karthigadevi G (212043) Charumathi N B (212121) (IV Year)	I
Meenatchi P(222066) Roshana V S (222087) (III Year)	II
Ubendran V(222115) Yogesh S(222121) (III Year)	III

Dr.C.Vennila, Prof./ECE

Dr.S.Rajeswari, Associate Prof./ECE

Dr. P.Shanmugapriya, Associate Prof./ECE

Dr.M.Barithabegum, Associate Prof./ECE

SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI -620012

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ELCOMMFEST-21

TECHNO MARATHON

29.10.2021

Name of the student	Position
Afrah Zainab Khan. A(222005) Kawsika. S(222053) (III Year)	I
Srisudharssan R (222107) Santhosh kumar M (222091) (III Year)	II
Rakshana S(222082) Sarulathaa S (222092) Kedzi Jero Kathrin . P(222054) (III Year)	III

Prof.N.Bhavani, Associate Prof./IT

Dr.S.Mohana, Associate Prof./CSE

SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI-620012

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT EXPO

S.No	TEAM MEMBER 1	TEAM MEMBER 2	TEAM MEMBER 3	TEAM MEMBER 4	PROJECT TITLE	YEAR/ SECTION	MARKS			
							NOVELTY (20)	PRESENTATION (10)	QUERIES (10)	TOTAL (50)
1	Gopi Manickam R	Hemachander N	Kaarthikeyen E	-	Human following robot	3rd/A	17	17	8	42
2	Akilaa B	Dhasiln Jeni Monisha J	Madumitha M	Lakshanaa H	Laser security alarm	3rd/A	15	15	6	36
3	Rakshana S	Puja Sri K	Ragavi S	-	Pulse oximeter using arduino	3rd/B	15	15	6	36
4	Arul Jyothi A	Balasubramanian S	Arun Priyaraaj P V	Jayasurya P	Bluetooth robot	3rd/A	17	17	8	42
5	Dhivya S	Kavya M	Kedzi Jero Kathrin P	Keerthana I	IOT based LPG leakage detector using arduino	3rd/A	18	17	8	43
6	Kavya A	Kirthika K	Charudesna K	Kawsika S	Accident prevention U turn	3rd/A	17	17	7	41
7	Sarulatha S	Sherin Begum M	Poojapriyadharshini A	Praveena M	Sightless monocle	3rd/B	18	18	8	44
8	Immanual V	Kevin Carlos Joy J	-	-	Social distance alarm	3rd/A	17	17	7	41

							20	20	10	50	
	Meenatchi P	Nivedha R	Shruthi P S	Sivetha S	IOT based patient health monitor	3rd/B	17	17	7	41	N
10	Suriyasri S	Nandhini M	Malavika M	Sivasri S M	Obstacle avoiding robot	3rd/B	17	18	7	42	W.
11	Ferdina C	Harini V S	Harishini G	Jenifer Sheeba A	Wireless phone location detector	3rd/A	18	17	7	42	W
12	Kaviya K	Kaviya M P	Hari Ganesh S	Bharath Hari S	Retriever	3rd/A	18	18	9	45	W I
13	Afrah Zainab Khan	Agalya R	Hemavathi R	Jayalakshmi S	Smart door lock system using face recognition	3rd/A	15	15	6	36	NW
14	Roshana V S	Sneka M S	Sravani Sowmiya Shri J	-	Third eye	3rd/B	17	17	7	41	W
15	Harithaa S	Aarthi M	Deephika R	Deivanai M	Obstacle detector for blind	3rd/A	18	17	7	42	W
16	Yogesh S	Manoj Kumar M	Ubendran V	Santhosh Kumar S	Biometric attendance system	3rd/B	17	17	7	41	W
17	Madumitha S	Sakthineelambari R	Sneha K	Nandhini N	Temperature based fan speed control	3rd/B	18	17	7	42	W.
18	Vasunthara K	Subhikshaa M	Subha Preethi V	-	Smart irrigation	3rd/B	18	17	7	42	W
19	Sudharsanan G S	Sivabala K	Sudhakar S	Srinivasan T	Smart blind stick	3rd/B	18	18	7	43	W

							20	20	10	50	
1	Srisudharssan R	Prasanna Venkatesh B	Viswanath M	Mohamed Riyas A B	A new biometric ATM system with representation of arbitrary sized face authentication	3rd/B	18	17	7	42	W
21.	Rengalaxmi S	Vaishnavi K			Lifi data transmission	3rd/B	17	17	7	41	
22.	Mohamed Musaraf T	Srinivasan S	Ram Kumar N	Sudharshan S	Room occupancy counter with arduino	3rd/B	17	17	7	41	W
23.	Nisagar S	Palaniyappan	Raj Kumar M	Manoj Kumar M	Obstacle avoiding robot using arduino	3rd/B	18	17	7	42	W
24.	Aadil Muhamed M S	Anthon A S K	Johan Kingsly M	Jeffrey Allan A	Home automation using IOT	3rd/A	18	17	7	42	W
25.	Vinodhini V	Sophiya V	Saira Banu B	Sandhiya R	EB prepaid technology	3rd/B	17	18	7	42	W
26.	Akshaya K	Akila G	Charugobika R D	Keerthiga R	Sun tracking solar panel	3rd/A	15	15	6	36	AB
27.	Visakan M	Renganathan A	Siddiq A	Sri Prasanna J	Password based circuit breaker	3rd/B	18	18	9	45	W - II
28.	Aashikaa R Mohan	Darshini K	Harini M	Keerthana R	Finger print door lock system using arduino	3rd/A	17	17	9	43	W - III
29.	Akaash T U	Mukilan S	Kishore Kumar S	Karthika M	Automatic sanitizer device	2nd/A	15	15	6	36	AB
30.	Tamil Selvan	Prasanna Venkatesh	Sriram Prasath	Prabha	Laser audio communication	2nd/B	17	17	7	41	W

							20	20	10	50	
	Varneshwaran	Sethuramalingam	Aravind Srihari	Ritun Srinivasan	Zigbee based wireless communication using AES	2nd/B					
32.	Shifana Rifath A	Vaanmarai S	Srinithi R	Rathi Aiswarya G	Bluetooth home automation	2nd/B	17	17	9	41	W
33.											
34.											

18/11/21

Dr.P.Ram Prakash

Assistant professor, Department of EEE

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SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI-620012

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT EXPO

S.No	TEAM MEMBER 1	TEAM MEMBER 2	TEAM MEMBER 3	TEAM MEMBER 4	PROJECT TITLE	YEAR/ SECTION	MARKS			
							NOVELTY (30)	PRESENTATION (20)	QUERIES (10)	TOTAL (60)
1.	Gopi Manickam R	Hemachander N	Kaarthikeyen E	-	Human following robot	3rd/A	12	14	6	32
2.	Akilaa B	Dhaslin Jeni Monisha J	Madumitha M	Lakshanaa H	Laser security alarm	3rd/A	10	12	5	27
3.	Rakshana S	Puja Sri K	Ragavi S	-	Pulse oximeter using arduino	3rd/B	11	11	5	26
4.	Arul Jyothi A	Balasubramanian S	Arun Priyaraaj P V	Jayasurya P	Bluetooth robot	3rd/A	13	15	7	35
5.	Dhivya S	Kavya M	Kedzi Jero Kathrin P	Keerthana I	IOT based LPG leakage detector using arduino	3rd/A	18 17	16 17	8	42
6.	Kavya A	Kirthika K	Charudesna K	Kawsika S	Accident prevention U turn	3rd/A	14	15	7	36.
7.	Sarulatha S	Sherin Begum M	Poojapriyadharshini A	Praveena M	Sightless monocle	3rd/B	17	17	8	42
8.	Immanual V	Kevin Carlos Joy I	-	-	Social distance alarm	3rd/A	12	10	5	32

9.	Meenatchi P	Niveditha R	Shruthi P S	Sivetha S	IOT based patient health monitor	3rd/B	16	16	8	40
10.	Suriyaan S	Nandhini M	Malavika M	Sivasri S M	Obstacle avoiding robot	3rd/B	12	14	6	32
11.	Ferdina C	Harini V S	Harishini G	Jenifer Sheeba A	Wireless phone location detector	3rd/A	10	10	6	26
12.	Kaviya K	Kaviya M P	Hari Ganesh S	Bharath Hari S	Retriever	3rd/A	18	18	9	45
13.	Afrah Zainab Khan	Agalya R	Hemavathi R	Jayalakshmi S	Smart door lock system using face recognition	3rd/A	15	15	6	36
14.	Roshana V S	Sneka M S	Sravani Sowmiya Shri J	-	Third eye	3rd/B	10	16	5	31
15.	Harithaa S	Aarthi M	Deephika R	Deivanai M	Obstacle detector for blind	3rd/A	10	15	6	31
16.	Yogesh S	Manoj Kumar M	Ulbendran V	Santhosh Kumar S	Biometric attendance system	3rd/B	18	18	6	44
17.	Madumitha S	Saktthineelambari R	Sneha K	Nandhini N	Temperature based fan speed control	3rd/B	18	17	7	42
18.	Vasunthara K	Subhikshaa M	Subha Preethi V	-	Smart irrigation	3rd/B	14	14	6	34
19.	Sudharsanan G S	Sivabala K	Sudhakar S	Srinivasan T	Smart blind stick	3rd/B	15	15	7	37

20.	Sriudharssan R	Prasanna Venkatesh B	Viswanath M	Mohamed Riyas A B	A new biometric ATM system with representation of arbitrary sized face authentication	3rd/B	18	17	7	42
21.	Rengalaxmi S	Vaishnavi K			Lifi data transmission	3rd/B	18	16	7	41
22.	Mohamed Musaraf T	Srinivasan S	Ram Kumar N	Sudharshan S	Room occupancy counter with arduino	3rd/B	17	15	6	39
23.	Nisagar S	Palaniyappan	Raj Kumar M	Manoj Kumar M	Obstacle avoiding robot using arduino	3rd/B	12	14	4	30.
24.	Aadil Muhamed M S	Anthon A S K	Johan Kingsly M	Jeffrey Allan A	Home automation using IOT	3rd/A	16	16	5	37
25.	Vinodhini V	Sophiya V	Saira Banu B	Sandhiya E	EB prepaid technology	3rd/B	16	12	6	34
26.	Akshaya K	Akila G	Charugobika R D	Keerthiga R	Sun tracking solar panel	3rd/A	14	10	5	29
27.	Visakan M	Renganathan A	Siddiq A	Sri Prasanna J	Password based circuit breaker	3rd/B	17	18	8	~~43~~ II
28.	Aashikaa R Mohan	Darshini K	Harini M	Keerthana R	Finger print door lock system using arduino	3rd/A	18	18	6	~~44~~ III
29.	Akaash T U	Mukilan S	Kishore Kumar S	Karthika M	Automatic sanitizer device	2nd/A	14	14	6	34
30.	Tamil Selvan	Prasanna Venkatesh	Sriram Prasath	Prabha	Laser audio communication	2nd/B	18	16	6	40

31.	Varneshwaran	Sethuramalingam	Aravind Srihari	Ritun Srinivasan	Zigbee based wireless communication using AES	2ND/B	—			
32.	Shifana Rifath A	Vaanmarai S	Srinithi R	Rathi Aiswarya G	Bluetooth home automation	2ND/B	17	16	7	40
33.										
34.										

18/11/21

Dr.S.Vijayalakshmi

Associate professor, Department of EEE

1/3/22, 10:58 AM

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Branch : ECE SECTION - A, SEM - 5

Name List

S.No	Batchno	Regno	Name
1	222001	813819106001	AADIL MUHAMED. M S
2	222002	813819106002	AAKTHI. R
3	222003	813819106003	AASHIKAA R MOHAN
4	222004	813819106004	AATHITYAA G R
5	222005	813819106005	AFSAH ZAINAB KHAN. A
6	222006	813819106006	AGALYA. R
7	222007	813819106007	AKILA. G
8	222008	813819106008	AKILAA. B
9	222009	813819106009	AKSHAYA . K
10	222010	813819106010	ANTHON. A S K
11	222011	813819106011	ARUL JYOTHI. A
12	222012	813819106012	ARUN PRIYA RAAJ. P V
13	222013	813819106013	BALASUBRAMANIAN. S
14	222014	813819106014	BAUMA RANJITH. S
15	222015	813819106015	BHARANI KUMAR. S
16	222016	813819106016	BHARATH HARI. S
17	222017	813819106017	BRINDHA. K
18	222018	813819106018	CHARUDESNA. K
19	222019	813819106019	CHARUGOBIKA. R D
20	222020	813819106020	CRISPIN URSULA CATHERINE. A
21	222021	813819106021	DEEPIKHA. R
22	222022	813819106022	DEIVANAI. M
23	222023	813819106023	DHARSHINI. K
24	222024	813819106024	DHARSHINI. S
25	222025	813819106025	DHASLIN JENI MONISHA. J
26	222026	813819106026	DHIVYA. S
27	222027	813819106027	FERDINA. C
28	222028	813819106028	GAYATHRI. S
29	222029	813819106029	GOPI MANICKAM. R
30	222030	813819106030	HARI GANESH . S
31	222031	813819106033	HARI PRASATH. G
32	222032	813819106031	HARINI. M
33	222033	813819106032	HARINI. V S
34	222034	813819106034	HARITHAA. S
35	222035	813819106035	HARRISH. M
36	222036	813819106036	HARSHEETHA. R C
37	222037	813819106037	HARSHINI. G
38	222038	813819106038	HEMACHANDHAR. N
39	222039	813819106039	HEMAVATHI. P
40	222040	813819106040	IMMANUAL. V
41	222041	813819106041	JAYALAKSHMI. S
42	222042	813819106042	JAYASURYA. P
43	222043	813819106043	JEFFREY ALAN. A
44	222044	813819106044	JENIFAR SHEEBA. A
45	222046	813819106045	JOHAN KINGSLY. M
46	222047	813819106046	KAARTHIKEYAN. E
47	222048	813819106047	KARTHIK. B
48	222049	813819106048	KAVIYA. K
49	222050	813819106049	KAVIYA. M P
50	222051	813819106050	KAVYA. A
51	222052	813819106051	KAVYA. M
52	222053	813819106052	KAWSIKA. S
53	222054	813819106053	KEDZI JERD KATHRIN
54	222055	813819106054	KEERTHANA. I
55	222056	813819106055	KEERTHANA. R
56	222057	813819106056	KEERTHIGA. R
57	222058	813819106057	KEVIN CARLOS JOY. J
58	222059	813819106058	KIRTHIGA. K
59	222060	813819106059	LAKSHANAA. M
60	222061	813819106060	MADHU MITHA. M

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Branch : ECE SECTION - B, SEM - 3

Name List

S.No	BatchNo	Regno	Name
1	232055	813820106054	PRABAKAR. T
2	232056	813820106055	PRABHA. K
3	232058	813820106057	PRAKASH. R
4	232059	813820106058	PRASANNA VENKATESH. K
5	232060	813820106059	RAHUL. M
6	232061	813820106060	RATHI AISHWARYA. G
7	232062	813820106061	RITVIN SRINIVASAN. R G
8	232063	813820106062	ROSHNI. R
9	232064	813820106063	SADAM HUSSAIN. S
10	232065	813820106064	SADHANA. M
11	232066	813820106065	SANJAK. G
12	232067	813820106066	SANJAY. M
13	232068	813820106067	SAROJINI. B
14	232070	813820106068	SATHYA. N T
15	232071	813820106069	SELVA MARIYAPPAN. N S
16	232072	813820106070	SETHURAMALINGAM. K
17	232073	813820106071	SHAKIN SULAIMAN. M
18	232074	813820106072	SHAMITA. S
19	232075	813820106073	SHEELA ANGEL. S
20	232076	813820106074	SHIFANA RIFATH. A
21	232077	813820106075	SHRI SHABARISE. G
22	232078	813820106076	SHRUTHIKA. S
23	232079	813820106077	SIVAKUMAR. K
24	232080	813820106078	SIVARANJAN. B
25	232081	813820106081	SRI ISWARYA. S
26	232082	813820106079	SRIDHAR PRASAD. M N
27	232083	813820106080	SRIHARI. P
28	232084	813820106082	SRINITHI. R
29	232085	813820106084	SRIRAM PRASATH. T
30	232086	813820106083	SRIRAM. S U
31	232087	813820106085	SRUTI. D
32	232088	813820106086	SUBASHREE. V S
33	232089	813820106087	SUBHASHREE. B
34	232090	813820106088	SUBHIKSHAA SURESH
35	232091	813820106089	SUDHARSAN. T
36	232092	813820106090	SUTHIKA. K
37	232093	813820106091	SWETHA. V
38	232094	813820106092	TAMILSELVAN. P A
39	232095	813820106093	TEENA MASCELIN. J
40	232096	813820106094	THARUNKUMAR. S
41	232097	813820106095	THAUFIQ AHMED. A M
42	232098	813820106096	VAANMARAI. S S
43	232099	813820106097	VARNESHWARAN. K
44	232100	813820106100	VIGNESH SARAN. T
45	232101	813820106098	VIGNESH. R
46	232102	813820106099	VIGNESH. T
47	232103	813820106101	VISHNUPRIYA. M
48	232104	813820106102	VISHVAMAHARAJA. P
49	232105	813820106103	VISWA. V
50	232106	813820106104	VISWASH. S
51	232107	813820106105	YAHITHA. S
52	232108	813820106301	ARAVIND. M
53	232109	813820106305	SHIVADEVI. J

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Branch : ECE SECTION - A, SEM - 3

Name List

S.No	BatchNo	Regno	Name
1	232001	813820106001	ABINAYA. K
2	232002	813820106002	AKAASH. T U
3	232003	813820106003	AKSHARA. P
4	232004	813820106004	ALAGAMMAI. E
5	232005	813820106005	ANBARASU. J
6	232006	813820106006	ARAVIND. S
7	232007	813820106007	ARAVINDH. D
8	232008	813820106009	ARUN KUMAR. R
9	232010	813820106010	BAVAN. G N
10	232011	813820106011	CAROLINE BLESSY YOVAN
11	232012	813820106012	CHARIS BENITA. R E
12	232013	813820106013	DAMINI. N
13	232014	813820106014	DEEBIKSHA. D
14	232015	813820106015	DHARANIKA. S
15	232016	813820106016	DHINESH VEERAMANI. S M
16	232017	813820106017	DINESH KUMAR. D
17	232018	813820106018	GOWTHAM. P
18	232019	813820106019	GUGAN. S S
19	232020	813820106020	HARANI. M
20	232021	813820106021	HARIEESHPALANI. R.K
21	232022	813820106022	HARIHARAN. K
22	232023	813820106023	HARINI. K B
23	232024	813820106024	HARSIKA NIVASINI. R G
24	232025	813820106025	JAHEN. A
25	232026	813820106026	JANET PRISCILLA. A J
26	232027	813820106027	JAYAVARSHA. P
27	232028	813820106028	KABISH. M E
28	232029	813820106029	KAMALAKANNAN. T
29	232030	813820106030	KANNATHAL. S
30	232031	813820106031	KARTHIKA. M
31	232032	813820106032	KAVYALAKSHMI. S P
32	232033	813820106033	KEERTHANA. C
33	232034	813820106034	KISHORE BALAJI. G
34	232036	813820106035	KISHORE KUMAR. S
35	232037	813820106036	KRISHNA. R
36	232038	813820106037	LAKSHADHEEPA. C
37	232039	813820106038	LOGANATHAN. A
38	232040	813820106039	LOGESWARI. M
39	232041	813820106040	MITHRAN. J
40	232042	813820106041	MOHAMMED ARSHATH. S
41	232043	813820106042	MUHILAN. S
42	232044	813820106043	MUKILAN. S
43	232045	813820106044	NANDHA. S
44	232046	813820106045	NAVEEN. T
45	232047	813820106046	NICKSON BABU. I
46	232048	813820106047	NISHA. M
47	232049	813820106048	NITHYASREE. P V
48	232050	813820106049	NIVAEDHITHA. K V
49	232051	813820106050	NIVETHA. T
50	232052	813820106051	PARTHIBAN. B
51	232053	813820106052	PAVITHRA. R
52	232054	813820106053	POOVIZHI. N
53	232110	813820106302	KADHIRESH. S
54	232111	813820106304	SARAVANAKUMAR. T
55	232112	813820106303	RAJA. N M

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Branch : ECE SECTION - B, SEM - 5

Name List

S.No	BatchNo	Regno	Name
1	222062	813819106061	MADUMITHA. S
2	222063	813819106062	MALAVIKA. M
3	222064	813819106064	MANOJ KUMAR. M
4	222065	813819106063	MANOJKUMAR. M
5	222066	813819106065	MEENATCHI. P
6	222067	813819106066	MOHAMED MUSARAF. I
7	222068	813819106067	MOHAMED RIYAS. A B
8	222069	813819106068	NANDHINI. M
9	222070	813819106069	NANDHINI. S J
10	222071	813819106070	NANTHINI. N
11	222072	813819106071	NISAGAR. S
12	222073	813819106072	NITHIN RAJ. S
13	222074	813819106073	NIVEDHA. R
14	222075	813819106074	PALANIYAPPAN. R
15	222076	813819106075	POOJAPRIYADHARSHINI. A
16	222077	813819106076	PRASANNA VENKATESH. B
17	222078	813819106077	PRAVEENA. M
18	222079	813819106078	PUJA SRI. K
19	222080	813819106079	RAGAVI. S
20	222081	813819106080	RAJKUMAR. M
21	222082	813819106081	RAKSHANA. S
22	222083	813819106082	RAMKUMAR. N
23	222084	813819106083	RENGALAXMI. S
24	222085	813819106084	RENGANATHAN. A
25	222086	813819106085	RITHESWETHA. R
26	222087	813819106086	ROSHANA. V S
27	222088	813819106087	SAIRA BANU. B
28	222089	813819106088	SAKTHI NEELAMBARI. R
29	222090	813819106090	SANTHIYA. R
30	222091	813819106089	SANTHOSH KUMAR. M
31	222092	813819106091	SARULATHA. S
32	222093	813819106092	SHERIN BEGUM. M
33	222094	813819106094	SHRUTHI. P S
34	222095	813819106093	SHYAM SUNDAR. B
35	222096	813819106095	SIDDIQ. A
36	222097	813819106096	SIVABALA. K
37	222098	813819106097	SIVASRI. S M
38	222099	813819106098	SIVETHA. S
39	222100	813819106099	SNEHA. K
40	222101	813819106100	SNEKA. M S
41	222102	813819106101	SOPHIYA. V
42	222103	813819106102	SRAVANI SOWMYA SHRI. J
43	222104	813819106105	SRI PRASANNA. J
44	222105	813819106103	SRINIVASAN. S
45	222106	813819106104	SRINIVASAN. T
46	222107	813819106106	SRISUDHARSSAN. R
47	222108	813819106107	SUBAPREETHI. B
48	222109	813819106108	SUBIKSHAA. M
49	222110	813819106109	SUDHAKAR. S
50	222111	813819106110	SUDHARSHAN. S
51	222112	813819106111	SUDHARSHNAN. G S
52	222113	813819106112	SUKIYASRI. S
53	222114	813819106113	THRISHA. K
54	222115	813819106114	UBENDRAN. V
55	222116	813819106115	VAISHNAVI. K
56	222117	813819106116	VASUNTHARA. K
57	222118	813819106117	VINODHINI. V
58	222119	813819106118	VISAKAN. M
59	222120	813819106119	VISWANATH. M
60	222121	813819106120	YOGESH. S

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Branch : ECE SECTION - B, SEM - 7

Name List

S.No	BatchNo	Regno	Name
1	202085	813818106501	SHANMUGASUNDARAM. R
2	212060	813818106060	MOHAMED SHAFIQUR RAHMAN. J
3	212061	813818106061	MOHAMED UWAIS. K
4	212062	813818106062	NAGAMMAL. N
5	212063	813818106063	NIGILESH. D
6	212064	813818106064	NIKHIL RAJ. M
7	212065	813818106065	NIRUBAN. J
8	212066	813818106066	NITHISHA. U
9	212067	813818106067	PAUL SNEKA. L
10	212068	813818106068	PAVITRA. B
11	212069	813818106069	POOJA. B
12	212070	813818106070	POOJA. D
13	212071	813818106071	POORNIMA. S
14	212072	813818106072	PRAVEEN. D
15	212073	813818106073	PREETHI. B
16	212074	813818106074	PRIYA. S
17	212075	813818106075	RAHUL. R
18	212076	813818106076	RAJA LAKSHMI. P
19	212077	813818106077	RATHNA. M
20	212078	813818106078	RENUJEKA. P
21	212079	813818106079	RESHMA. E
22	212081	813818106081	RITHIKAA. M
23	212082	813818106082	RUBIGA. M
24	212083	813818106083	SAAI RAMYA. B T
25	212084	813818106084	SAKTHIVEL. S
26	212085	813818106085	SANJAL. M
27	212086	813818106086	SANTHOSH KUMAR. S
28	212087	813818106086	SANTHOSH. N
29	212088	813818106087	SANTHOSH. S
30	212089	813818106089	SATHYA. B

S.No	BatchNo	Regno	Name
31	212090	813818106090	SHABBNA. K
32	212091	813818106091	SHANGAVI. G
33	212092	813818106092	SHANKAR. V
34	212093	813818106093	SHARMILA R
35	212094	813818106094	SHARMINI. S
36	212095	813818106095	SHASINI. M
37	212096	813818106096	SHREE. G K
38	212097	813818106097	SINDHUJA. R
39	212098	813818106098	SIVA GANESH. T
40	212099	813818106099	SIVARAM. R
41	212100	813818106100	SOFANA. M
42	212101	813818106101	SREENITHI. C
43	212102	813818106102	SRINITHI. S
44	212103	813818106103	SRINIVASA GUPTA. M
45	212104	813818106104	SUBASH. A
46	212105	813818106105	SUBASRI. K
47	212106	813818106106	SUJITH. K
48	212107	813818106107	SURESH. R
49	212108	813818106108	SWASTHIKA
50	212109	813818106109	SWATHI. J R
51	212110	813818106110	TEJASWINI. S
52	212111	813818106111	THENMOZHI. A
53	212112	813818106112	UMA. R
54	212113	813818106113	VARADAKRISHNAN. B
55	212114	813818106114	VARSHAA. M
56	212115	813818106115	VASANTHAKUMAR. R
57	212116	813818106116	VIBUSHITHA . M S
58	212117	813818106117	AASATH KHAN. N
59	212120	813818106303	LOGA DASS. J

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Branch : ECE SECTION - A, SEM - 7

Name List

S.No	BatchNo	Regno	Name
1	212001	813818106001	AAISHA THAHSEENA. M
2	212002	813818106003	ABDUL RAHMAN. M
3	212003	813818106002	ABDULLA. N
4	212004	813818106004	ABINAYA. S
5	212005	813818106005	ABISHEK. M
6	212006	813818106006	AHILAN. C
7	212007	813818106007	AJAIPRAMOTH. A
8	212008	813818106008	AJAY. S
9	212009	813818106009	AKSHAYA SOBNA. B
10	212010	813818106010	ANTONY JOHN JASON. S
11	212012	813818106012	ATCHAYA. M
12	212013	813818106013	ATCHAYA. R
13	212014	813818106014	ATHISANKAR. A
14	212015	813818106015	ATSHAYA. R
15	212017	813818106017	BANU PRIYA. R
16	212018	813818106018	BAVITHRAN. G R
17	212019	813818106019	CAROLINE RUBY. S
18	212020	813818106020	CAVWIN DHEEPAK. R
19	212021	813818106021	CHARUDHARSHANA. M
20	212022	813818106022	DEVA DARSHINI. S
21	212023	813818106023	DHAARANI. B
22	212024	813818106024	DHANAVIDHYA. G
23	212025	813818106025	DHANIYA LAKSHMI. J
24	212026	813818106026	DILEERAN. M
25	212027	813818106027	DINESH RAM. R
26	212028	813818106028	DIRAVIDAMANI. M
27	212029	813818106029	DIVYA BHARATHI.
28	212030	813818106030	DURGASRI. R
29	212031	813818106031	GOKULAKRISHNAN. M J
30	212033	813818106033	IRFAN AHMED. I

S.No	BatchNo	Regno	Name
31	212034	813818106034	JAIBALAJI. C
32	212035	813818106035	JANNIFER. D
33	212036	813818106036	JAYAPRIYA. M
34	212037	813818106037	JAYASHREE. RI
35	212038	813818106038	JAYSHRINIVAAS. B
36	212039	813818106039	JERSON FENADICT ANDRO. A M
37	212040	813818106040	KADHDI MANI. S
38	212041	813818106041	KAMALAKANNAN. K
39	212042	813818106042	KARISHMA. G
40	212043	813818106043	KARTHIGA DEVI. G
41	212044	813818106044	KARTHIKEYAN. M M
42	212045	813818106045	KAVIMANI. A
43	212046	813818106046	KAVIYA. S
44	212047	813818106047	KAVYA. K S
45	212048	813818106048	KEERTHANA. G.R
46	212049	813818106049	KINGSLEY PATRICK.
47	212050	813818106050	KISHORE. G
48	212051	813818106051	KRISHNA KUMAR. K
49	212052	813818106052	KUMARAGURUPHARAN. S
50	212053	813818106053	KUMARESAN. A
51	212054	813818106054	MADHESH. S
52	212055	813818106055	MADHUMITHA. J
53	212056	813818106056	MANIKANDAN. R
54	212057	813818106057	MANODURGA. V
55	212058	813818106059	MANOJ KUMAR.A.
56	212059	813818106058	MANOJKUMAR. S
57	212118	813818106301	ANANTHA KUMAR. M
58	212119	813818106302	GOKILA. V
59	212121	813818106702	CHARUMATHI N. B
60	212122	813818106701	CATHERIN. J

Date:10/12/2021

Elcommfest (Intra Departmental Technical competitions) – A REPORT

Elcommfest – Intra departmental Technical events and competitions were conducted for bringing out the talents of II, III and IV year students.

Events such as circuit debugging, technical quiz and mini project competition were conducted for the II year students. Events such as paper presentation, Technical Quiz, Technomarathon (App development) and mini project completion were conducted for the III year students. Events and Competitions such as Paper Presentation (through online mode) and Techno marathon were conducted for IV year ECE students. Except Mini Project competition, all other technical events were conducted between 28th and 29th October, 2021.

The technical events were conducted in the Electronics Lab, DSP Lab and Communication Lab in offline mode. Paper Presentation and Technical Quiz for the second and third year students were conducted in the ECE seminar Hall. Earlier, a preliminary test was conducted. 59 teams participated in the preliminary round for the technical quiaz event. Out of 59 teams, 10 teams were shortlisted and sent to the final round. 40 teams presented their conceptual ideas on the recent technological developments in the paper presentation event.

In circuit debugging, 19 teams participated and exhibited their talents in identifying the bugs in the circuits assigned to them. In the App development contest, technomarathon, 5 teams participated. The list of jury members/ coordinators is enclosed.

The mini project competition was scheduled on 18-11-2021 and inaugurated with a formal introduction of the members of the Jury. 31 teams participated and displayed their min project works. The project works were also displayed and explained to the other non participants to motivate them to do more such works and take part such competitions in future. Elcommfest provided an exposure on Participative, Experiential and Problem solving techniques to the Advanced learners. The Prize distribution ceremony was conducted on 09-12-2021. The Guest of Honour, Dr. R.Natarajan, Head (Resaerch) gave away the cash awards and certificates to the Winners of various events.

PAPERPRESENTATION

CIRCUIT DEBUGGING

3

TECHNO MARATHON

TECHNICAL QUIZ

MINI PROJECT

EVENTS SCHEDULE

S.No	EVENT NAME	YEAR OF PARTICIPANTS	DATE	TIMING	VENUE	JURY/COORDINATOR
1.	Paper presentation	3rd year	28.10.2021	11.15am to 1.00pm & 1.45pm to 3.45pm	ECE seminar hall	Dr. P.Shanmugapriya, Asso.Prof./ECE Dr.M.Baritha Begum, Asso.Prof./ECE
2.	Paper presentation	Final year	28.10.2021	11.15am to 1.00pm & 1.45pm to 3.45pm	(Online)	Dr.C.Vennila, Prof./ECE Dr.S.Rajeswari, Asso.Prof./ECE
3.	Circuit debugging	2nd year	29.10.2021	11.15am to 1.00pm	Electronics laboratory	Mr.S.Hariprasath,AP/ECE Mr.K.Malaisamy, AP/ECE
4.	Technical quiz	2nd year and 3rd year	29.10.2021	1.45pm to 3.45pm	ECE seminar hall	Ms.P.Sivagamasundhari, AP/ECE Ms.A.Shamimbanu, AP/ECE
5.	Techno marathon (App development)	3rd year and final year	29.10.2021	11.15am to 4.15pm	DSP laboratory	Prof.N.Bhavani, Asso.Prof./IT Dr.S.Mohana, Asso.Prof./CSE
6	Mini Project competition	2nd and 3rd year students	18.11.2021	10:15 am to 04:30 am	Electronics and Communication Lab	Dr.S.Vijayalakshmi, Associate Professor/ EEE, Dr.P.Ramprakash Assistant Professor

PRIZE WINNERS LIST

S.No	Name of the Event	Place secured	Winners list
1	Paper presentation	First	Karthigadevi G, IV ECE 'A' Charumathi N B, IV ECE 'A'
		Second	Meenatchi P, III ECE 'B' Roshana V S, III ECE 'B'
		Third	Ubendran V, III ECE 'B' Yogesh S, III ECE 'B'
2	Technical Quiz	First	Ubendran V, III ECE 'B' Yogesh S, III ECE 'B'
		Second	Harithaa S, III ECE 'A' Deivanai M, III ECE 'A'

		Third	Manoj Kumar M, III ECE 'A' Mohamad Riyaz A B, III ECE 'A'
3	Technical Marathon	First	Afrah Zainab Khan. A, III ECE 'A' Kawsika. S, III ECE 'A'
		Second	Srisudharssan R, III ECE 'B' Santhosh kumar M, III ECE 'B'
		Third	Rakshana S, III ECE 'B' Sarulathaa S, III ECE 'B' Kedzi Jero Kathrin P, III ECE 'A'
4	Circuit Debugging	First	Vignesh Saran T, II ECE 'B'
		Second	Tharunkumar S, II ECE 'B'
		Third	Karthiga M, II ECE 'A'
5	Mini Project	First	Kaviya K, III ECE 'A' Kaviya M P, III ECE 'A' Hari Ganesh S, III ECE 'A' Bharath Hari S, III ECE 'A'
		Second	Visakan M, III ECE 'B' Renganathan A, III ECE 'B' Siddiq A, III ECE 'B' Sriprasanna J, III ECE 'B'
		Third	Aashikaa R.Mohan, III ECE 'B' Darshini K, III ECE 'B' Harini M, III ECE 'B' Keerthana R, III ECE 'B'

Dr.M.Santhi
Professor & Head , ECE

CERTIFICATE

OF COMPLETION

PRIVATE LIMITED INLUSTRO LEARNING

This Certifies that

Dheeraj Prakash.S

III Year CSE at **Saranathan College of Engineering**, has successfully completed the **Building Real World Software Applications** course **(March 2022** to **June 2022)**

Aditya Sambamoorthy
Founder & CEO

InLustro

CERTIFICATE

OF COMPLETION

This Certifies that

Varsha. G

II Year CSE at **Saranathan College of Engineering**, has successfully completed the **Competitive Programming** course **(March 2022 to June 2022)** and has passed with **Honours**

Aditya Sambamoorthy
Founder & CEO

InLustro

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli-620012
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

(Accredited by NBA)

Report on "Infosys - Springboard - Virtual Roadshow"

Infosys has initiated "Springboard", which enable students and associated communities from early education to employment by enabling them on digital and supporting life skills. We as a partner of Infosys Campus Connect program are also a part of it. The Infosys team brings quality content from its partners and leading universities across the world, in its Springboard platform through https://infyspringboard.onwingspan.com/en/login.

Base the above note, Infosys has organized a virtual roadshow of its "Springboard" platform which will help students to crack InfyTQ and HackwithInfy. A webex meet was arranged by Infosys on 13.04.2022 between 10.30 am and 12.00 noon through the Meeting link: https://infosys.webex.com/infosys/j.php?MTID=mb8900d938cdbcf8eb31929f2ca791d8 and nearly 60 students of CSE actively participated. The session covered the basics of Springboard platform with registration, course content available, subscribing for a specific course content and certification.

It offers curriculum-rich platform for students of all communities. The program allows students to prepare themselves for emerging jobs and careers, to enhance advanced digital skills. It is a self tracking platform that keeps track of the learning time, resource accessed, number of quizzes successfully completed, assignment carried out and assessment taken up periodically. It provides a certification as the course gets successfully completed the student within the stipulated time.

HOD / CSE

SARAMAIL

Dr. S. A. Sahaaya Arul Mary CSE HOD <mary-cse@saranathan.ac.in>

Exclusive Invitation for Infosys Springboard Virtual Roadshow

2 messages

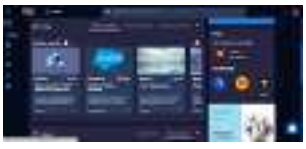
Kannusamy Jegatheesan Sudarsanan <Kannusamy_S@infosys.com> 8 April 2022 at 18:56
To: "mary-cse@saranathan.ac.in" <mary-cse@saranathan.ac.in>

Greetings,

Thank you for your support in driving Campus Connect activities through Infosys Springboard. As discussed, we have planned a virtual session/roadshow for your students and faculty to demonstrate the Infosys Springboard platform and apprise them on the various Campus Connect interventions for a strong Industry-academia collaboration.

Infosys Springboard's New UI

Arrangements required for the session



Auditorium or Seminar hall	Students to login to Infosys Springboard website/app	Target audience
Auditorium or seminar hall where students who are registered can attend. We can do multiple sessions to cover all the students based on the strength of the institution. Necessary audio/video arrangements can also be made.	Request you to inform the students to login and access Infosys Springboard on the laptop and download the app on their phones too.	You may include students and concerned faculty members from your institute for this discussion. We can also do an exclusive session for faculty members as well.

Schedule:

Date	13-Apr-2022
Timings	10:30 am to 12:00pm
Meeting Link	Click Here
Meeting Number	2514 522 3445
Meeting Password	Infy_SB@123

For any queries regarding Infosys Springboard platform, you may write to springboard-support@infosys.com.

We look forward to your active participation.

Regards,

Team Campus Connect

Infosys Limited

Dr. S. A. Sahaaya Arul Mary CSE HOD <mary-cse@saranathan.ac.in> 8 April 2022 at 19:00
To: "Principal of Saranathan College ," <principal@saranathan.ac.in>

Respected Sir,
Infosys has sent link for the virtual road show on 13/4/2022. I have forwarded this email for your reference.

Thanks and regards
[Quoted text hidden]

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10 attachments

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222K

image002.png
208K

image004.jpg
3388K

SARANATHAN COLLEGE OF ENGINEERING, TRICHY 12
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
INFOSYS SPRINGBOARD - VIRTUAL ROADSHOW
ATTENDANCE

DATE : 13.04.2022
TIME : 10.30 AM TO 12.00 PM

S.No	Batchno	Reg No	Sec	Student Name	Status
1	211104	813818104106	B	VAISHNAVI DEVI. V	✓
2	211111	813818104111	B	VIGNESH. S	✓
3	211090	813818104091	B	SONALI. P	✓
4	211041	813818104042	A	KEERTHANA. M	✓
5	211055	813818104056	A	MOSHMI. C S	✓
6	211085	813818104086	B	SHUBA SHWETHA. K	✓
7	211030	813818104030	A	HIDHAYATH NISHA. M I	✓
8	211106	813818104107	B	VARSHINI. M	✓
9	211019	813818104019	A	DEVADHARSHINI. M	✓
10	211108	813818104109	B	VELUGANES. V S	✓
11	211017	813818104017	A	CHARUMATHI. P	✓
12	211067	813818104068	B	PRIYANKA. S	✓
13	211015	813818104015	A	BHARATHI. R	✓
14	211027	813818104027	A	HARISH. V	✓
15	211076	813818104077	B	SANJAY. S P	✓
16	211057	813818104058	A	NAGESHWARAN. S	✓
17	211056	813818104057	A	MUTHURAJA. M	✓
18	211043	813818104045	A	KRISHNA KUMAR. V	✓
19	211033	813818104033	A	JESURIYA. D	✓
20	211024	813818104024	A	GRITYKA. S R	✓

HOD/CSE

SARANATHAN COLLEGE OF ENGINEERING, TRICHY 12
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
INFOSYS SPRINGBOARD - VIRTUAL ROADSHOW
ATTENDANCE

DATE : 13.04.2022
TIME : 10.30 AM TO 12.00 PM

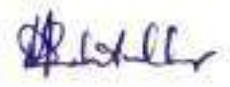
S.No	Batchno	Reg No	Sec	Student Name	Status
1	221049	813819104048	A	MADHUMITHA. R	✓
2	221053	813819104052	A	MANIMOZHI. N	✓
3	221088	813819104088	B	SATHISH KUMAR. V	✓
4	221062	813819104061	B	NIHILA. A	✓
5	221013	813819104012	A	ARUNA. A P	✓
6	221005	813819104005	A	AHMED YAHYA. A	✓
7	221025	813819104025	A	DHEERAJ PRAKASH. S	✓
8	221033	813819104033	A	HARIDHANUSH. R	✓
9	221046	813819104045	A	KEERTHIKA. E	✓
10	221007	813819104007	A	AISHWARYA. P	✓
11	221038	813819104038	A	JESILA FOUMIYA. Z	✓
12	221081	813819104081	B	SAMVARTHINI. C	✓
13	221074	813819104074	B	RAKSSHANNA. M P	✓
14	221071	813819104070	B	RAGASUDHA. S	✓
15	221045	813819104073	A	RAJARATNAM KAWSHIKA	✓
16	221069	813819104068	B	PRIYADHARSHAN. Y	✓
17	221084	813819104084	B	SANOFER FATHIMA. A R	✓
18	221090	813819104090	B	SHEIMA LATHA . J	✓
19	221118	813819104118	B	VISWANATHA SUBRAMANIAN. K	✓
20	221003	813819104003	A	ABIRAMI. R	✓

HOD/CSE

SARANATHAN COLLEGE OF ENGINEERING, TRICHY 12
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
INFOSYS SPRINGBOARD - VIRTUAL ROADSHOW
ATTENDANCE

DATE : 13.04.2022
TIME : 10.30 AM TO 12.00 PM

S.No	Batchno	Reg No	Sec	Student Name	Status
1	231009	813820104009	A	ANANDA DHARSHINEE. M S	✓
2	231011	813820104011	A	APARNA GAYATHRI. N	✓
3	231097	813820104099	B	SHRUTHI NANDITHA. P	✓
4	231114	813820104117	B	VIGNESHWARAN. N	✓
5	231048	813820104048	A	KAVYA. S	✓
6	231025	813820104025	A	DHEEPIKA. R	✓
7	231112	813820104114	B	VARSHA. G	✓
8	231050	813820104050	A	KEERTHANA. S	✓
9	231109	813820104112	B	THIRISHA HELEN. J	✓
10	231052	813820104053	A	LAVANYA. M	✓
11	231108	813820104111	B	SYEDA SHERIN. S	✓
12	231022	813820104022	A	DEVASANA. K	✓
13	231107	813820104110	B	SUSMITHA. T	✓
14	231008	813820104008	A	ALMASDIVAN. K	✓
15	231049	813820104049	A	KAVYA. S	✓
16	231018	813820104018	A	BHAVYA SRII. A	✓
17	231098	813820104100	B	SHYAM SUNDER. S	✓
18	231065	813820104067	B	MONIKA. S	✓
19	231047	813820104047	A	KAVIYAPRIYA. M	✓
20	231055	813820104056	A	MADHUVANTHI. K	✓



HOD/CSE

SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
CODING COMPETITION PARTICIPATION LIST

Team No	Batch No	Name	Mobile Number	Batch No	Name	Mobile Number
TA01	221025	DHEERAJ PRAKASH . S	9698594605	221059	NAGARAJ . R	9894647232
TA02	221005	Ahmed Yahya A	9360028289	221056	Mukesh Manikandan M	6379068117
TA03	221035	Harinivas SN	9361863099	221051	Maheswaran M	8610665883
TA04	221055	Michael Jones. J	6380582934	221052	Maheshwaran. P	9629207160
TA05	221003	ABIRAMI.R	9488622002	221008	AISWARYA.S.G	9087028194
TA06	221077	Rohit M	6379466808	221096	Somakarthi P	9344686091
TA07	221057	Muthulakshmy P	9629017238	221011	Archana k	9360856274
TA08	221033	Haridhanush.R	9361372350	221031	Guhan.S	7448390232
TA09	221016	ASWIN VISVESWAR S	9150056066	221036	JEEVANANTHAM T	8680836827
TA10	221073	Rajarajeshwari.A	6374937792	221112	Vaishnavi b	9384419572
TA11	221088	Sathishkumar.V	9944370820	221119	Yeshvaanth.A	9600649068
TA12	221022	DEEPAKUMAR. G	6369698088	221002	ABILASH S	9488041799
TA13	221085	S.Santhosh	8056799490	221108	P. Tamil selvan	8098446836
TA14	221121	Ramabathren L	9003658519	221067	Preethi Maheswari G	9845603898
TA15	221107	SUVEDHA M	8825624825	221074	RAKSSHANNA M P	6374182359
TA16	221039	Jufin Hassan H	9159497915	221069	Priyadharshan Y	9944197164
TA17	221110	Thirumaal chelvan R	9360113664	221098	Sriram ganesh P	7871052587
TA18	221104	M.Sundaram	7397638675	221117	Vinnarasan D	8428946085
TA19	221034	Hariharan A T	9360150031	221043	Karthikeyan S	9600734890
TA20	221018	Boopathi N	9894680387	221058	Muthu Raaj K J	8220170749
TA21	221113	Varun G A	9092820737	221103	Sujjit.D.S	7904944118
TA22	221053	Manimozhi.N	9361318309	221013	Aruna.A.P	73392 95608
TA23	221079	Sabari.P	7339661090	221111	S.Thiyagarajan	7397058914
TA24	221014	ASHWIN KUMAR JP	8248691982	221028	GIRI KARTHICK GR	6379618002
TA25	221015	ASHWIN R	8807060354	221004	AHAMED JAMALDEEN S	9384981625
TA26	221080	Sahana Parveen M	9842502131	221070	Priyadharshini n.k	6379922686
TA27	221019	Brundashree R	75985 69527	221045	Rajaratnam Kawshika	9566784272
TA28	221106	SUSHMITHA R S	9003646571	221063	NISHANTHI R	93616 47915

HOD / CSE

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli – 620012

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

"CODING COMPETITION"

In the view of encouraging students in their skill development, Department of Computer Science and Engineering is organizing "**Coding Competition**" for **3rd Year CSE Students** on **09-11-2021 (Tuesday).**

Interested Students are requested to form a team (**Max. 2 per team**) and register online for the event **on or before 01.11.2021.** Details regarding the competition and general instructions are displayed in CSE Department Notice Board.

If any queries regarding the event, kindly contact your class coordinator and event in-charges for more details.

HOD/CSE

(Dr. S.A. Sahaaya Arul Mary)

Event In-Charges:

1. Mr.P.Dineshkumar/AP/CSE dineshkumar 28/10/21.
2. Ms.J.Sathiaparkavi/AP/CSE J. Sathi 28/10/21
3. Mr.P.B. Aravind Prasad/AP/CSE - P.B. Aravind 28/10/21

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli – 620012

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

"CODING COMPETITION REPORT"

The Department of CSE organized a Coding Competition under the banner of CSE association on 9.11.2021 for the students of third year CSE to enrich their programming skills and quest for knowledge ,which motivates them for their placements preparation. This event was convened by Dr.S.A.Sahaaya Arul Mary, HoD/CSE and coordinated by Ms.J.SathiaParkavi, Mr.P.Dineshkumar and Mr.P.B.AravindPrasad.

Nearly 60 students from third year have shown their interest by registering their teams for competition and they participated actively in the competition.The competition was conducted in three rounds, with a duration of one hour for each round. At Round-1, all 30 teams' participated,6 simple programs based on logical thinking was given. Since students were allowed to crack the given code in their own programming language of interest, they participated enthusiastically and most participants solved all 6 questions. Based on their performance and coding standards, 13 teams have been shortlisted and allowed to participate in Round-2 of the competition.

In Round-2, analytical based programs which was little bit complex was given to students. The students tried harder to crack the code. Based on their performance, 7 teams were shortlisted to participate in Round-3.In Round-3, real time scenario based questions were asked, which made the competition tougher. Finally 4 teams have come up with the solution for the problem given. Top three teams were selected based on the optimized code and time taken for completion and the efficiency of the program.

Winners

1. Hariharan. A T – (221034) – III CSE A
2. Karthikeyan. S – (221043) – III CSE A

1st Runner Up

1. Rohit.M – (221077) – III CSE B
2. Somakarthi.P – (221096) – III CSE B

2nd Runner Up

1. Varun. G A – (221113) – III CSE B
2. Sujjit. D S – (221103) – III CSE B

HOD/CSE
(Dr. S.A. Sahaaya Arul Mary)

SLOW LEARNERS

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF ECE

2021-2022 (ODD SEM)

Revision Class Time Table

30.11.2021

S.No	DATE	II ECE A & B	III ECE A & B	IV ECE A & B
1	01.12.2021 (FN &AN) & 02.12.2021(FN)	EC 8352- Signals and Systems (Ms.A.Shamimbanu & Mr.G.Sivakannu)	EC8552- Computer Architecture and Organization (Ms.Sheelavathi & Ms. Padma priya)	OIC751- Transducer Engineering (Dr.M.Padmaa & Mr.V.Koushick)
2.	03.12.2021 (FN &AN) & 06.12.2021 (FN)	MA8352- Linear Algebra and Partial Differential Equation (Dr.Geetha & Dr.Subhashini)	EC8073- Medical Electronics (Dr.M.Baritha Begum & Ms. Anthuvan Lydia)	EC8701- Antennas and Microwave Engineering (Dr.P.Shanmugapriya &Dr.V.Mohan)
3.	07.12.2021 (FN & AN) & 08.12.2021(FN)	EC8392- Digital Electronics (Dr.M.Santhi & Ms.P.Sivagamasundari)	EC8551- Communication Networks (Dr.S.A.Arunmozhi & Mr.M.Mahendran)	EC8751- Optical Communication (Mr.K.Malaisamy & Ms.A.Shamimbanu)
4.	09.12.2021 (FN &AN)& 10.12.2021 (FN)	EC 8391- Control Systems Engineering (Dr.C.Vennila & Ms.J.Eindhumathy)	EC8553- Discrete Time Signal Processing (Dr.P.Shanmugapriya& Dr.M.Padmaa)	EC8702- Ad hoc and Wireless Sensor Networks (Dr.S.Rajeswari & Dr.S.A.Arunmozhi)
5.	13.12.2021(FN)	EC8351- Electronics Circuits-I(Dr.M.Barithabegum& Mr.S.Hariprasath)	OTL552- Digital Audio Engineering (Ms.V.Ramya)	EC8791- Embedded and Real Time Systems (Ms.P.Sivagamasundari & Ms.J.Eindhumathy)
6.	14.12.2021 (FN & AN) &15.12.2021 (FN)	EC8393- Fundamentals of Data structures in C(Ms.G.Iswarya & Dr.T.Sathiskumar)	EC8501- Digital Communication (Dr.V.Mohan & Dr.S.Rajeswari)	EC8071- Cognitive Radio (Dr.C.Vennila & Mr.G.Sivakannu)

HoD/ECE

SARANATHAN COLLEGE OF ENGINEERING

18.05.2022

CIRCULAR

Retest – II for Internal Assessment Test- 2 for II / III / IV Year B.E / B.Tech classes will commence from 23.05.2022 (Monday) as per the timetable mentioned.

S.No.	DATE	SUBJECT
1.	23-05-2022	SUBJECT 1 (13-05-2022)
2.	24-05-2022	SUBJECT 2 (14-05-2022)
3.	25-05-2022	SUBJECT 3 (16-05-2022)
4.	26-05-2022	SUBJECT 4 (17-05-2022)
5.	27-05-2022	SUBJECT 5 (18-05-2022)
6.	28-05-2022	SUBJECT 6 (19-05-2022)

Test duration: 4.45 a.m. to 6.15 p.m. ($1_{1/2}$ Hrs)

Max Marks : 50

PRINCIPAL


10, Devar St, Ayyappa Nagar, K K Nagar, Tiruchirappalli, Tamil Nadu 620021, India
Latitude
10.7593703°
Longitude
78.6772794°
Local 10:19:02 AM
GMT 04:49:02 AM
Altitude 0 meters
Saturday, 18-12-2021
Note : 3rd year B sec special coaching class for slow leaners


GPS Map
Camera Lite
QM42+9J8, Panjappur, Tamil Nadu 620012, India
Latitude
10.7559341°
Longitude
78.65151331°
Local 10:39:33 AM
GMT 05:09:33 AM
Altitude 3.66 meters
Saturday, 18-12-2021
Note : 2rd year special coaching class for slow leaners


GPS Map
Camera Lite
QM42+9J8, Panjappur, Tamil Nadu 620012, India
Latitude
10.75595948°
Longitude
78.65150367°
Local 10:28:17 AM
GMT 04:58:17 AM
Altitude -4.2 meters
Saturday, 18-12-2021
Note : 3rd year A sec special coaching class for slow leaners


GPS Map
Camera Lite
QM42+M8H, Panjappur, Tamil Nadu 620012, India
Latitude
10.7560076°
Longitude
78.651297°
Local 10:18:25 AM
GMT 04:48:25 AM
Altitude -11.8 meters
Saturday, 18-12-2021
Note : 3rd year B sec special coaching class for slow leaners

SARANATHAN COLLEGE OF ENGINEERING

01.06.2022

CIRCULAR

Internal Assessment Test- III for II/III/IV Year B.E / B.Tech classes will commence from 08.06.2022 (Wednesday) as per the Academic schedule.

Test duration:

09.15 a.m. to 10.45 a.m. (1 ½ Hour)

Class timings after the I.A.Test

10.45 a.m. – 11.00 a.m. : Break

11.00a.m -11.45a.m - 2nd hour

11.45 a.m – 12.30 p.m – 3rd hour

Afternoon classes will be held as per regular timetable

Question Paper Pattern will be informed by the respective subject handling Staff Members

As per the instructions from Anna University Chennai, the Internal Assessment Test Marks will be entered in the "Anna University WEB Portal "as soon as the tests are over. The internal marks will be awarded by Anna University Chennai based on your performance in I.A. Tests. Students are advised to take the I.A. Tests seriously and score more marks.

PRINCIPAL

SARANATHAN COLLEGE OF ENGINEERING

TIME TABLE FOR INTERNAL ASSESSMENT TEST - III FOR II YEAR (4TH SEM) B.E./B.TECH FOR EVEN SEM 2022

DATES	II CSE - A &B	II ECE - A & B	II EEE - A & B	II IT	II ICE	II MECH - A & B	II CIVIL
08-06-2022	CS8491-COMPUTER ARCHITECHTURE	GE8291-ENVIRONMENTAL SCIENCE AND ENGINEERING	EE8401-ELECTRICAL MACHINES -II	GE8291-ENVIRONMENTAL SCIENCE AND ENGINEERING	EI8452-INDUSTRIAL INSTRUMENTATION-1	ME8451-MANUFACTURING TECHNOLOGY -II	CE8401-CONSTRUCTION TECHNIQUES , EQUIPMENTS AND PRACTICES
09-06-2022	MA8402 Probability and Queing Theory	MA8451-PROBABILITY AND RANDOM PROCESS	MA8491-NUMERICAL METHODS	MA8391-PROBABILITY AND SATISTICS	MA8491-NUMERICAL METHODS	MA8452-STASTICS AND NUMERICAL METHOD	MA8491-NUMERICAL METHODS
10-06-2022	CS8492-DATABASE MANAGEMENT SYSTEM	EC8452-ELECTRONIC CIRCUITS - II	EE8402-TRANSMISSION AND DISTRIBUTION	CS8491-COMPUTER ARCHITECHTURE	EC8395-COMMUNICATION ENGINEERING	ME8491-ENGINEERING METALLURGY	CE8402-STRENGTH OF MATERIALS-II
13-06-2022	CS8451-DESIGN AND ANALYSIS OF ALGORITHM	EC8453-LINEAR INTEGRATED CIRCUITS	EE8403-MEASUREMENTS AND INSTRUMENTATION	CS8492-DATABASE MANAGEMENT SYSTEM	EI8451-ELECTRICAL MACHINES	ME8492 - KINEMETICS OF MACHINERRY	CE8403-APPLIED HYDRAULLIC ENGINEERING
14-06-2022	CS8493-OPERATING SYSTEMS	EC8491-COMMUNICATION THEORY	EE8451-LINEAR INTEGRATED CIRCUIT AND APPLICATION	CS8451-DESIGN AND ANALYSIS OF ALGORITHM	IC8451-CONTROL SYSTEMS	CE8395-SM FOR MECHANICAL ENGINEERING	CE8404-CONCRETE TECHNOLOGY
15-06-2022	CS8494-SOFTWARE ENGINEERING	EC8451-ELECTROMAGNETIC FIELDS	IC8451-CONTROL SYSTEMS	CS8493-OPERATING SYSTEMS	EE8451-LINEAR INTEGRATED CIRCUITS AND APPLICATIONS	ME8493-THERMAL ENGINEERING-1	CE8491-SOIL MACHINES

SARANATHAN COLLEGE OF ENGINEERING							
TIME TABLE FOR INTERNAL ASSESSMENT TEST - III FOR III YEAR (6TH SEM) B.E./B.TECH FOR EVEN SEM 2022							
DATES	III CSE - A &B	III ECE - A & B	III EEE - A & B	III IT	III ICE	III MECH - A & B	III CIVIL
08-06-2022	CS8651 INTERNET PROGRAMMING	MG8591-PRINCIPLES OF MANAGEMENT	EE8691-EMBEDDED SYSTEMS	IT8601-COMPUTATIONAL INTELLIGENCE	EI8092-THERMAL POWERPLANT INSTRUMENTATION	ME8691-COMPUTER AIDED DESIGN AND MANUFACTURING	CE8601=DESIGN OF STEEL STRUCTURAL ELEMENTS
09-06-2022	CS8691- ARTIFICIAL INTELIGENCE	EC8652-WIRELESS COMMUNICATION	EE8602-PRODUCTION AND SWITCH GEAR	CS8592-OOAD	EE8072-MEMS AND NANO SCIENCE	ME8096-GAS DYNAMICS AND JET PROPULSION	CE8602-STRUCTURALS ANALYSIS-II
10-06-2022	CS8601- MOBILE COMPUTING	EC8651-TRANSMISSION LINES AND RF SYSTEMS	EE8005-SPECIAL ELECTRICAL MACHINES	IT8602-MOBILE COMMUNICATION	EE8071-APPLIED SOFT COPUTING	ME8694-HYDRAULICS AND PNEUMATICS	CE8603-IRRIGATION ENGINEERING
13-06-2022	CS8602-COMPILER DESIGN	EC8691-MICROPROCESSOR AND MICRO CONTROLLER	EE8601-SOLID STATE DRIVES	IT8076-SOFTWARE TESTING	EI8651-LOGIC AND DISTRIBUTED CONTROL SYSTEM	ME8693-HEAT AND MASS TRANSFER	CE8005-AIR POLLUTION AND CONTROL ENGINEERING
14-06-2022	CS8603-DISTRIBUTED SYSTEMS	EC8095-VLSI DESIGN	EE8002-DESIGN OF ELECTRICAL APPARATUS	CS8092-COMPUTER GRAPHICS AND MULTIMEDIA	CS8391-DATA STRUCTURES	ME8651-DESIGN OF TRANSMISSION SYSTEMS	CE8604-HIGHWAY ENGINEERING
15-06-2022	CS8075-DATAWAREHOUSING AND DATA MININIG	CS8792-CRYPTOGRAPHY AND NETWORK SECURITY / EC8002 MULDIMEDIA COMPRESSION AND COMMUNICATION		CS8091-BIG DATA ANALYTICS	IC8651-ADVANCED CONTROL SYSTEMS	ME8692-FINITE ELEMENT ANALYSIS	EN8592-WASTE WATER ENGINEERING

SARANATHAN COLLEGE OF ENGINEERING							
TIME TABLE FOR INTERNAL ASSESSMENT TEST - III FOR IV YEAR (VIII SEM) B.E./B.TECH FOR EVEN SEM 2022							
DATES	IV CSE - A &B	IV ECE - A & B	IV EEE - A & B	IV IT	IV ICE	IV MECH - A & B	IV CIVIL- A
13-06-2022		GE8076-PROFESSIONAL ETHICS IN ENGINEERING	GE8076-PROFESSIONAL ETHICS IN ENGINEERING	IT8005-ELECTRONIC COMMERCE	GE8076-PROFESSIONAL ETHICS IN ENGINEERING	IE8693-PRODUCTION PLANNING AND CONTROL	CE8020-MAINTANENCE,REPAIR AND REHABILITATION OF STRUCTURES
14-06-2022			EE8017-HIGH VOLTAGE DIRECT CURRENT TRANSMISSION		GE8073-FUNDAMENTALS OF NANO SCIENCE	MG8591-PRINCIPLE OF MANAGEMENT	GE8076-PROFESSIONAL ETHICS IN ENGINEERING
15-06-2022	GE8076-PROFESSIONAL ETHICS IN ENGINEERING						
16-06-2022	CS8080-INFORMATION RETRIVAL TECHNIQUES						

Classwise ALL Cycletest Mark Summary Report

Class:ICE Semester:5 Section:A

Semester Period:21-22ODD

S.no	Regno	Batchno	Name	Quota	Arrear Count	CGPA	EE8551-malaisamy-ece					EI8093-mercyvasan-mech					EI8551-vigneshwaran-eee					EI8552-thirumurugan-ice					EI8553-aravind-ice					OCE551-girirajkumar-ice				
							A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1
1	813819112001	225001	ABARNA. R	GQ	NIL	7.9577	50	34	48	32	30	42	60	60	72	76	57	66	32	21	34	74	74	74	47	38	52	62	30	32	34	64	66	A	30	52
2	813819112003	225003	ARUNKUMAR. R	GQ	NIL	8.1931	28	52	40	30	56	14	10	40	84	88	14	42	50	12	34	42	62	56	47	50	30	64	30	58	72	32	52	38	35	64
3	813819112004	225004	BAIRAVI. S	GQ	NIL	8.7958	40	62	52	35	34	42	92	75	92	90	86	54	62	13	26	82	88	92	67	34	70	92	66	62	66	52	82	86	70	58
4	813819112005	225005	BHARATH SAMVEL. D	GQ	NIL	8.7793	66	68	54	77	44	64	78	92	A	86	68	60	70	50	50	88	92	92	88	76	76	86	80	74	84	81	74	78	79	90
5	813819112006	225006	DARWIN. I	MQ	NIL	8.1034	38	50	54	31	40	34	70	80	80	86	32	60	60	25	50	62	70	82	66	60	40	62	30	52	62	69	54	70	42	60
6	813819112007	225007	DEEPAK. B	MQ	NIL	7.8345	44	30	A	32	52	06	32	62	48	68	28	42	A	13	34	68	88	76	50	50	42	60	A	53	62	53	60	54	36	80
7	813819112008	225008	DHARSHINI. G	GQ	NIL	8.2276	38	A	38	46	42	60	60	A	70	74	50	20	60	50	50	72	68	74	60	62	42	80	52	37	66	59	52	58	57	60
8	813819112009	225009	DHINESH. R	GQ	NIL	9.2759	80	86	82	84	72	96	98	98	96	94	96	96	88	89	88	92	94	100	94	92	86	98	94	81	92	79	68	78	80	92
9	813819112010	225011	HARIHARAN. K	GQ	NIL	8.0897	40	52	44	41	24	10	60	76	65	A	32	34	62	25	50	54	88	80	70	64	38	66	68	51	62	78	50	72	64	78
10	813819112011	225010	HARI KRISHNA. M	MQ	3	*	20	20	40	40	20	08	A	68	45	68	16	6	12	11	14	14	32	58	47	34	10	60	50	A	54	26	A	50	45	68
11	813819112012	225012	HARISH. R	MQ	NIL	8.1862	32	50	42	15	36	24	66	A	46	78	20	50	56	17	30	A	74	74	70	50	30	60	52	64	66	58	62	52	53	64
12	813819112013	225013	HEMANTH. K K	MQ	NIL	8.5103	64	70	50	50	40	66	90	60	66	84	66	76	78	26	64	86	88	92	88	76	58	62	66	6	84	73	74	60	43	76
13	813819112014	225014	JAYAKANTHAN. G P	GQ	NIL	9.0552	74	72	58	70	60	50	76	92	84	90	76	60	70	75	54	92	92	86	84	68	58	88	80	75	88	54	68	66	69	80
14	813819112015	225015	JAYALAKSHMI. R	GQ	NIL	8.0759	28	A	32	46	42	28	70	86	82	90	50	A	50	30	42	78	72	74	26	72	38	A	50	50	62	54	A	62	41	72
15	813819112016	225016	KANNAPPAN. S	MQ	NIL	8.7241	60	70	48	70	54	72	90	94	90	92	64	68	72	50	68	74	84	94	73	72	34	68	80	70	82	88	62	70	66	A
16	813819112017	225017	KRISHNA KUMARAN. K	GQ	1	*	26	42	44	56	50	08	44	50	58	68	24	26	50	39	40	20	36	60	54	30	A	60	56	40	70	45	50	36	41	56
17	813819112018	225018	MOHAMED FAHIM. K	MQ	3	*	8	A	22	13	36	A	A	68	74	78	22	A	34	8	12	14	A	58	33	16	20	A	26	23	26	A	A	52	29	50
18	813819112019	225019	MOHAMED YAHYA. A	MQ	NIL	8.0552	44	50	44	62	42	56	74	80	82	78	52	72	64	59	50	60	68	76	81	50	22	20	50	52	66	78	68	62	64	82
19	813819112020	225020	MOHAN RAJ. B	MQ	NIL	8.9103	60	70	54	71	56	82	78	90	88	84	68	80	70	57	72	84	92	92	93	76	62	78	74	75	94	88	86	78	77	84
20	813819112021	225021	MUTHUKUMARAN. K	MQ	NIL	8.2069	52	62	32	58	A	A	54	78	76	82	26	50	58	22	54	52	78	84	A	56	42	62	50	A	64	60	58	52	58	60
21	813819112022	225022	NICOLAS NESAN. G	MQ	NIL	9.0069	56	60	50	66	60	34	90	94	88	92	50	70	68	43	76	92	88	88	86	76	52	66	82	78	88	53	70	72	74	84
22	813819112023	225023	NITHISH. S	MQ	NIL	9.0138	76	60	50	A	56	28	90	76	80	84	80	86	68	67	78	90	92	98	93	92	80	68	76	81	92	82	62	66	76	84
23	813819112024	225024	PARITHI KUMAR. J	MQ	2	*	46	A	24	14	50	34	60	64	68	72	24	24	46	35	62	34	66	72	58	52	26	60	50	38	76	66	A	52	52	56
24	813819112025	225025	PRABAHARAN. M	GQ	NIL	8.8276	72	72	60	70	60	66	92	92	84	90	82	70	62	62	80	78	86	96	84	88	52	74	84	73	82	88	62	66	76	86
25	813819112027	225027	RAGAVANTIRAN. G	GQ	2	*	24	28	46	46	44	50	62	56	60	64	26	36	54	24	58	46	68	74	78	52	32	64	60	55	52	42	50	A	43	56
26	813819112028	225028	RAGHURAM. M	GQ	NIL	8.5793	56	72	52	60	60	42	82	64	74	78	74	70	62	52	68	92	82	82	87	74	72	72	78	78	86	86	72	82	80	94
27	813819112029	225029	RATNAGIRISH. R K	MQ	1	*	40	38	44	47	56	24	62	68	66	86	24	12	60	31	70	44	80	68	51	56	37	A	52	58	62	57	50	56	59	72

28	813819112030	225030	REGENA ARSHNI. S	GQ	2	*	14	A	32	43	50	A	50	62	68	74	18	50	26	23	22	44	A	60	36	30	36	A	24	43	52	55	64	56	54	76
29	813819112031	225031	SAKTHIGANESH. K	MQ	NIL	8.131	38	50	50	45	44	A	50	78	74	80	18	40	50	25	30	62	72	82	72	60	10	68	50	58	76	60	50	62	53	68
30	813819112033	225033	SHANJITH KUMAR. I	GQ	NIL	8.7034	40	60	60	61	60	40	60	90	74	84	50	52	54	50	56	50	78	84	61	64	40	66	50	50	70	43	64	64	76	82
31	813819112034	225034	SHARLENE . A	MQ	NIL	8.7034	52	50	50	46	54	50	88	92	94	92	40	50	62	37	50	70	76	82	55	64	68	60	74	50	74	84	64	70	64	68
32	813819112035	225035	SHYAM PRAKASH. G P	MQ	NIL	8.0483	24	52	50	25	44	50	62	78	80	84	44	50	52	22	36	40	70	70	52	50	52	60	60	38	68	66	52	60	A	70
33	813819112036	225036	SIVABALAN. D	MQ	NIL	7.7655	36	54	34	52	42	16	38	54	64	72	50	34	36	24	30	56	76	80	75	54	42	60	50	58	64	50	52	58	70	80
34	813819112037	225037	SUBASH. NS	MQ	1	*	24	50	42	13	26	A	24	A	64	50	6	2	8	12	22	22	74	78	51	50	18	68	50	10	44	54	60	A	64	56
35	813819112038	225038	SUNDHARADEVAN. S	GQ	3	*	1	24	36	14	12	A	02	50	42	48	14	16	24	1	26	14	50	50	40	20	14	42	30	23	22	26	38	38	38	66
36	813819112039	225039	SURYA. M	GQ	4	*	20	40	32	31	50	28	40	56	58	66	50	30	46	8	34	40	72	82	60	42	16	60	50	50	60	57	42	62	61	70
37	813819112040	225040	SWATHI. A	GQ	NIL	8.2483	50	60	50	52	50	40	50	64	70	78	34	52	44	13	20	64	72	86	63	56	36	68	68	50	68	58	68	70	56	70
38	813819112041	225041	SYED ATHAULLAH. S	GQ	NIL	8.2414	30	60	50	42	42	64	60	56	68	72	52	52	52	41	44	64	70	80	74	68	42	74	62	61	86	63	66	60	58	74
39	813819112042	225042	SYED FIZAL. S K	GQ	NIL	7.6	36	50	54	51	50	10	60	68	70	74	60	60	56	58	52	50	80	58	62	64	40	60	68	61	72	64	52	72	68	62
40	813819112043	225043	THANESHWARAN. S	MQ	NIL	8.131	44	60	44	A	56	60	78	A	76	80	36	68	54	24	58	64	80	92	68	68	38	82	40	52	68	76	58	A	A	82
41	813819112044	225044	THANGASABARI . S	MQ	2	*	26	52	36	65	38	20	44	58	56	A	16	44	54	31	42	54	88	82	59	76	10	62	60	59	52	40	64	60	66	A
42	813819112045	225045	VARUN. K	MQ	2	*	32	44	36	23	28	22	A	62	56	54	28	34	38	37	32	42	66	58	62	50	18	38	50	41	50	56	A	58	53	50
43	813819112046	225046	VIGNESH. G	MQ	NIL	8.2414	50	50	40	50	42	40	50	60	64	60	28	20	56	61	34	46	64	66	64	68	26	64	50	58	76	40	50	50	57	50
44	813819112047	225047	VIGNESWARARAJAN. K	MQ	2	*	30	62	36	30	36	24	70	42	56	64	30	62	44	15	26	44	62	84	38	32	12	40	40	30	54	41	44	52	31	68
No.of Failures(<50)							28	9	24	23	22	23	8	1	4	1	23	17	11	30	21	14	1	0	7	8	29	3	7	11	4	9	2	3	11	0

Classwise ALL Cycletest Mark Summary Report

Class:ICE Semester:8 Section:A

Semester Period:21-22EVEN

S.no	Regno	Batchno	Name	Quota	Arrear Count	CGPA	GE8073-shanmugavalli-ice				GE8076-aravind-ice			
							A1	A2	M2	A3	A1	A2	M2	A3
1	813818112001	215001	AASHIK. G	MQ	NIL	7.8389	0	0	0	0	12	52		62
2	813818112002	215002	ABDUL JAVITH. A	GQ	NIL	8.1111	0	0	0	0	74	68		A
3	813818112003	215003	AJMALKHAN. S	GQ	NIL	7.7889	60	40	62	54	62	54		54
4	813818112004	215004	AKILAN. R	MQ	NIL	7.6278	60	66		36	16	28	34	38
5	813818112005	215005	AKSHAYAVARSHINI. V	GQ	NIL	8.6111	0	0	0	0	62	68		66
6	813818112006	215006	ASWIN KUMAAR. R S	MQ	NIL	7.6778	64	70		86	64	78		64
7	813818112007	215007	BENITO RICHARDSON. D	GQ	NIL	7.5833	38	72		88	60	62		64
8	813818112008	215008	BHAVADHARANI. M B	GQ	NIL	7.8056	64	76		86	52	64		66
9	813818112009	215009	DHARSAN PRABU. G K	MQ	NIL	7.6222	60	56		70	52	42	62	56
10	813818112010	215010	GEETHA RANJANI. G	MQ	NIL	7.8278	56	64		78	56	58		66
11	813818112011	215011	HARIHARAN. T	MQ	NIL	8.5278	80	54		68	66	60		62
12	813818112012	215012	HARINI BANUMATHI. N	MQ	NIL	7.8778	56	74		68	64	62		64
13	813818112013	215013	HARISH. P K	GQ	NIL	8.7	54	70		52	50	60		60
14	813818112014	215014	ISHWARYA. M	GQ	NIL	8.2	0	0	0	0	66	70		72
15	813818112015	215015	KUMARAGURU. K	GQ	NIL	7.7389	0	0	0	0	32	50		58
16	813818112016	215016	LOKESH. R	GQ	NIL	7.65	30	18	0	NA	50	50		58

17	813818112017	215017	LOKESH. S	GQ	NIL	7.9	0	0	0	0	60	62		50
18	813818112018	215018	MANIKANDAN. V	MQ	NIL	8.1056	0	0	0	0	70	66		70
19	813818112019	215019	MOHAMED JAVEED ALI . S	GQ	NIL	7.7333	0	0	0	0	54	64		60
20	813818112020	215020	MOHAMED THASNEEM. A	GQ	NIL	7.75	0	0	0	0	50	62		58
21	813818112021	215021	MOHAMED THOUFEEQ. P	GQ	NIL	7.8167	0	0	0	0	50	22	58	38
22	813818112022	215022	NIRMAL VEL. S	MQ	NIL	8.5667	0	0	0	0	86	76		80
23	813818112023	215023	NITHISH ANAND. S	MQ	NIL	8.3056	0	0	0	0	50	34	50	72
24	813818112024	215024	NITHISH KUMAAR. R	GQ	NIL	7.8056	24	10	60	20	16	18	58	44
25	813818112025	215025	NITHS ROSHAN . E.M.	MQ	NIL	7.2722	60	22	70	24	30	20	60	22
26	813818112026	215026	POOJAVARDHINI. B	GQ	NIL	8.0833	70	80		78	66	74		78
27	813818112027	215027	PRANAV KUMAR. S	MQ	NIL	7.7833	44	52		64	60	34	60	50
28	813818112028	215028	PRANAV SAJESH. S	GQ	NIL	7.7167	0	0	0	0	64	50		50
29	813818112029	215029	PRIYADHARSHINI. M	GQ	NIL	8.6444	0	0	0	0	68	68		64
30	813818112030	215030	SANDHYA. V	MQ	NIL	8.0722	0	0	0	0	66	76		52
31	813818112031	215031	SELVABALAJI. K P	GQ	NIL	7.5333	56	8	64	12	60	26	60	20
32	813818112032	215032	SELVAKUMAR. B	GQ	NIL	7.3056	60	10	54	8	50	34	56	20
33	813818112033	215033	SENTHIL ARASAN. B	MQ	NIL	8.0333	0	0	0	0	60	42	50	50
34	813818112034	215034	SHARMILA RANI. A	GQ	NIL	8.1111	0	0	0	0	76	66		66
35	813818112035	215035	SHIVAA SANKAR. A	MQ	NIL	7.7444	0	0	0	0	56	50		58
36	813818112036	215036	SURIYA PRAKAASH. D	GQ	NIL	8.1722	0	0	0	0	68	52		58
37	813818112037	215037	SWETHA. R	GQ	NIL	8.6556	0	0	0	0	78	76		70
38	813818112038	215038	VASUNDRA. R	MQ	NIL	8.3222	0	0	0	0	74	72		52

39	813818112039	215039	VICKRAM. K B	MQ	NIL	7.4	60	32	50	82	50	60		50
40	813818112301	215042	KABILESHWARAN. R	GQ	NIL	8.3	0	0	0	0	62	54		64
41	813818112302	215040	KAVIYARASAN. K	MQ	NIL	7.9769	0	0	0	0	64	62		60
42	813818112303	215041	SATHISH KUMAR. M	GQ	NIL	8.3385	0	0	0	0	70	58		60
No.of Failures(<50)							27	30	24	28	5	10	1	6

Classwise ALL Cycletest Mark Summary Report

Class:ICE Semester:7 Section:A

Semester Period:21-22ODD

S.no	Regno	Batchno	Name	Quota	Arrear Count	CGPA	EC8093-hariprasath-ece					EI8075-aravind-ice					EI8091-seetharaman-ice					EI8692-ezhilarasi-ice					EI8751-shanmugavalli-ice					GE8073(8)-ezhilarasi-ice					OCS752-senthilbalaji-it					TP-ezhilarasi-ice				
							A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1	A1	A2	A3	A4	U1
1	813818112001	215001	AASHIK. G	MQ	NIL	7.8389	92	92	88	64	60	79	75	60	43	60	94	82	44	62	60	94	92	50	16	46	92	92	50	35	50						84	75	75									
2	813818112002	215002	ABDUL JAVITH. A	GQ	NIL	8.1111	90	90	64	62	62	81	79	76	44	66	90	96	46	57	82	92	86	68	20	22	90	92	60	22	64						92	81	81									
3	813818112003	215003	AJMALKHAN. S	GQ	NIL	7.7889	88	86	50	47	36	69	71	62	26	34	86	84	24	46	54	88	82	54	16	36	94	76	28	14	40						60	84	81									
4	813818112004	215004	AKILAN. R	MQ	NIL	7.6278	84	82	72	40	36	71	76	50	16	34	60	72	6	38	20	92	90	34	8	8	94	94	10	26	34						80	77	75									
5	813818112005	215005	AKSHAYAVARSHINI. V	GQ	NIL	8.6111	86	80	84	72	72	85	95	82	46	70	66	80	72	72	96	96	92	82	50	72	92	90	68	31	76						72	77	68									
6	813818112006	215006	ASWIN KUMAAR. R S	MQ	NIL	7.6778	78	80	56	35	64	74	84	78	29	42	74	76	24	31	6	88	84	48	26	24	86	94	44	17	64						76	83	76									
7	813818112007	215007	BENITO RICHARDSON. D	GQ	NIL	7.5833	84	84	60	34	66	79	72	66	A	66	70	82	24	21	18	80	84	66	24	50	80	72	60	54	60						60	75	68									
8	813818112008	215008	BHAVADHARANI. M B	GQ	NIL	7.8056	84	82	72	50	70	71	75	74	30	64	80	74	30	56	60	84	86	50	50	52	88	94	50	50	66						86	83	69									
9	813818112009	215009	DHARSAN PRABU. G K	MQ	NIL	7.6222	84	82	68	74	68	74	74	82	39	60	64	70	30	8	36	88	76	50	17	38	80	72	52	21	60						70	79	83									
10	813818112010	215010	GEETHA RANJANI. G	MQ	NIL	7.8278	76	86	50	32	70	71	64	70	29	62	62	76	22	5	40	76	70	22	31	45	62	90	42	23	50						70	85	85									
11	813818112011	215011	HARIHARAN. T	MQ	NIL	8.5278	88	86	94	77	85	81	79	84	73	84	60	80	68	50	90	90	90	74	79	62	76	76	66	50	72						82	77	72									
12	813818112012	215012	HARINI BANUMATHI. N	MQ	NIL	7.8778	86	84	72	64	72	74	80	70	50	68	92	88	34	57	60	78	88	50	50	54	80	92	50	50	62						76	75	63									
13	813818112013	215013	HARISH. P K	GQ	NIL	8.7	84	82	78	72	64	76	72	72	67	72	84	84	60	66	76	82	92	62	74	66	76	94	50	50	62						80	76	65									
14	813818112014	215014	ISHWARYA. M	GQ	NIL	8.2	78	80	82	68	78	71	81	82	75	88	80	82	70	57	96	86	90	86	55	76	64	94	68	80	70						75	74	68									
15	813818112015	215015	KUMARAGURU. K	GQ	NIL	7.7389	78	80	54	50	60	74	76	78	A	54	84	78	28	50	60	84	88	62	14	32	92	94	A	13	60						80	80	61									
16	813818112016	215016	LOKESH. R	GQ	NIL	7.65	78	80	68	50	60	75	78	90	A	70	66	74	70	68	78	78	78	56	22	45	80	90	50	A	50						70	28	70									
17	813818112017	215017	LOKESH. S	GQ	NIL	7.9	78	80	50	54	62	71	76	70	45	84	96	96	60	27	44	92	90	30	34	24	86	76	36	30	60						72	71	60									
18	813818112018	215018	MANIKANDAN. V	MQ	NIL	8.1056	90	90	76	80	85	73	78	76	54	78	92	82	28	41	64	84	86	68	54	45	88	94	50	50	60						83	83	24									
19	813818112019	215019	MOHAMED JAVEED ALI . S	GQ	NIL	7.7333	78	80	50	46	46	74	77	62	39	44	70	78	48	42	54	82	84	54	23	22	84	94	36	20	38						60	78	30									
20	813818112020	215020	MOHAMED THASNEEM. A	GQ	NIL	7.75	68	78	50	A	50	72	69	A	50	50	66	80	68	57	46	84	84	26	25	A	88	64	18	21	A						78	81	25									
21	813818112021	215021	MOHAMED THOUFEEQ. P	GQ	NIL	7.8167	78	80	18	46	44	74	61	64	11	44	76	64	34	45	54	64	64	26	9	18	70	76	18	19	30						78	82	57									
22	813818112022	215022	NIRMAL VEL. S	MQ	NIL	8.5667	84	80	A	60	60	75	91	86	A	82	86	92	78	77	60	94	90	A	59	80	94	94	50	54	64						82	85	50									
23	813818112023	215023	NITHISH ANAND. S	MQ	NIL	8.3056	82	82	82	60	52	71	74	82	22	40	84	86	62	60	60	84	70	24	10	24	74	88	50	25	60						65	83	63									
24	813818112024	215024	NITHISH KUMAAR. R	GQ	NIL	7.8056	76	78	50	62	52	78	69	80	45	50	70	78	74	60	60	86	64	26	14	38	68	72	50	32	60						60	76	60									
25	813818112025	215025	NITHS ROSHAN . E.M.	MQ	NIL	7.2722	76	80	16	50	52	77	65	22	A	52	70	64	10	26	40	66	92	A	A	12	88	76	10	3	24						53	80	15									
26	813818112026	215026	POOJAVARDHINI. B	GQ	NIL	8.0833	84	92	72	42	68	81	70	60	37	66	92	60	66	46	62	78	64	44	22	38	94	94	50	50	50						61	75	60									
27	813818112027	215027	PRANAV KUMAR. S	MQ	NIL	7.7833	88	84	68	44	46	71	74	54	27	42	84	80	60	25	28	80	76	20	50	8	70	76	16	23	50						60	80	55									
28	813818112028	215028	PRANAV SAJESH. S	GQ	NIL	7.7167	78	84	50	58	50	79	84	62	58	80	88	80	68	44	64	82	88	42	41	26	94	94	42	35	50						69	68	60									

29	813818112029	215029	PRIYADHARSHINI. M	GQ	NIL	8.6444	78	80	86	56	62	83	96	80	58	A	90	90	62	51	82	94	82	58	26	38	86	94	50	22	66						76	67	60							
30	813818112030	215030	SANDHYA. V	MQ	NIL	8.0722	82	84	60	14	62	75	79	62	16	66	80	78	36	A	48	90	86	58	30	52	94	92	22	15	32						68	71	40							
31	813818112031	215031	SELVABALAJI. K P	GQ	NIL	7.5333	80	80	50	25	64	70	77	64	3	60	80	80	68	22	22	88	90	A	A	20	82	80	30	9	A						67	69	55							
32	813818112032	215032	SELVAKUMAR. B	GQ	NIL	7.3056	68	80	44	34	48	69	59	42	9	50	64	60	46	3	28	68	70	A	A	12	76	76	12	6	50						73	68	50							
33	813818112033	215033	SENTHIL ARASAN. B	MQ	NIL	8.0333	82	82	74	24	62	85	69	90	40	62	80	74	72	48	72	74	84	38	10	46	80	74	52	6	68						68	68	55							
34	813818112034	215034	SHARMILA RANI. A	GQ	NIL	8.1111	90	92	84	70	70	81	85	82	73	72	100	88	74	71	88	90	82	64	74	72	88	90	60	62	60						75	69	80							
35	813818112035	215035	SHIVAA SANKAR. A	MQ	NIL	7.7444	78	80	70	A	62	74	77	76	52	60	80	76	80	24	54	86	84	60	15	16	78	76	52	24	34						64	63	50							
36	813818112036	215036	SURIYA PRAKAASH. D	GQ	NIL	8.1722	78	80	54	48	70	76	78	88	50	84	86	70	44	14	76	86	84	72	23	66	82	88	60	10	20						63	71	60							
37	813818112037	215037	SWETHA. R	GQ	NIL	8.6556	90	92	74	48	68	79	89	74	23	A	96	78	74	14	68	90	92	50	21	50	94	90	50	10	50						88	78	60							
38	813818112038	215038	VASUNDRA. R	MQ	NIL	8.3222	84	88	64	60	70	82	93	80	44	62	90	90	28	12	60	84	64	60	50	38	70	94	50	28	64						72	67	65							
39	813818112039	215039	VICKRAM. K B	MQ	NIL	7.4	84	88	60	42	46	81	71	66	33	28	64	74	18	25	24	80	66	42	24	10	74	72	36	31	50						54	84	68							
40	813818112301	215042	KABILESHWARAN. R	GQ	NIL	8.3	84	82	44	A	64	82	79	74	20	50	86	66	66	14	22	86	84	A	13	22	68	94	52	1	38						72	80	60							
41	813818112302	215040	KAVIYARASAN. K	MQ	NIL	7.9769	78	80	78	44	56	75	73	78	61	60	70	72	40	32	44	84	88	58	65	62	72	94	36	57	40						90	77	50							
42	813818112303	215041	SATHISH KUMAR. M	GQ	NIL	8.3385	78	80	78	62	72	85	89	72	76	60	72	86	76	58	30	88	84	58	75	64	76	94	60	70	50						73	82	55							
No.of Failures(<50)							0	0	3	17	6	0	0	2	23	8	0	0	21	23	15	0	0	13	25	26	0	0	16	28	9	0	0	0	0	0	0	1	5	0	0	0	0	0	0	0

SARANATHAN COLLEGE OF ENGINEERING

18.02.2021

STAFF CIRCULAR

Retest – II for Internal Assessment Test- II for First Year B.E / B.Tech classes will commence from 21.02.2021 (Monday) as per the subject order in which IA Test-II were conducted.

The students who have secured below 50% in I.A Test- II must attend the Re-Test II along with absentees without fail.

Test duration: 4.45 p.m. to 6.15 p.m. ($1_{1/2}$ Hrs)

Max Marks : 50

PRINCIPAL

SARANATHANCOLLEGEOFENGINEERING

(Approved by AICTE, New Delhi, Affiliated to AnnaUniversity,Chennai)

Department of Information Technology

(Accredited by NBA, New Delhi)

Remedial Class

2021-2022 Revision class for Slow Learners

Slow Learners are instructed to adhere to follow the mentioned timetable

II IT

S.No	DATE	SUBJECT CODE	SUBJECT NAME
1.	18.12.2021	CS8351	Digital Principles and System Design
2.	21.12.2021	CS8392	Object Oriented Programming
3.	23.12.2021	CS8391	Data Structures
5.	28.12.2021	MA8351	Discrete Mathematics

III IT

S.No	DATE	SUBJECT CODE	SUBJECT NAME
1.	18.12.2021	IT8501	Web Technology
2.	21.12.2021	CS8591	Computer Networks
3.	23.12.2021	EC8691	Microprocessors and Microcontrollers
5.	28.12.2021	MA8551	Algebra and Number Theory
6.	30.12.2021	OCE552	Geographic Information System

IV IT

S.No	DATE	SUBJECT CODE	SUBJECT NAME
1.	18.12.2021	CS8791	Cloud Computing
2.	21.12.2021	CS8792	Cryptography and Network Security
3.	23.12.2021	IT8075	Software Project Management
5.	28.12.2021	OBM752	Hospital Management
6.	30.12.2021	CS8079	Human Computer Interaction

Slow Learners List:

Second Year IT:

S.No	BatchNo	Name
1	234002	ARUL SAMUEL. A
2	234004	AVINASH. P
3	234005	BALAMURUGAN. R
4	234006	BALAPAVITHRAN. P
5	234010	NITHIYASRI H
6	234012	KAMALNATH. D
7	234013	KAVISELVAN. S
8	234014	KRISHNAKUMAR. D
9	234017	LOGESHWARAN. S
10	234018	LOKESHWAR. S A
11	234024	PAVETHRA. A
12	234027	PRIYA DARSHINI. P
13	234031	RAJKUMAR. M
14	234034	ROSHINI.N
15	234040	SRINATH. M
16	234044	UMA. M
17	234045	VENKATRAMAN. S S
18	234046	VIGNESHWARAN. M
19	234047	SAMUVEL. A
20	234048	IMRAN AHAMED. A B
21	234049	PRAVEEN KUMAR. K

Third Year IT:

S.No	Batchno	Student Name
1	224002	ABIMANYU. T
2	224047	RABEKA. S
3	224021	HARSHAVARTHAN. S R
4	224030	KEERTHANA. M
5	224003	ABINAYA. S
6	224010	ASWINI DEVI. B
7	224035	MALOLAN. B A
8	224006	AMRESH. K
9	224013	DEVI. E
10	224014	DHARUN UDHAYA. K
11	224052	SABARISHAN. M
12	224057	SRI JANE. A
13	224015	DHIVAGAR. P
14	224020	HARISH. R
15	224036	MANOJ DEEPAK. S
16	224007	ANUVARSHINI . G
17	224009	ARUN KUMAR. S
18	224023	INFANT SIBI. S
19	224024	JAI KRISHNA. N
20	224011	BOWSHIYA RANI. R

Final Year IT:

S.No	Batchno	Student Name
1	214053	VALLIAMMAI. A
2	214054	VIGNESH. R
3	214011	GOKULAKRISHNAN. N
4	214039	SAHAYA CLEMENT. V
5	214017	JOSE IMMANUVEL. J
6	214030	MOHAMED BILAL JAN. M J
7	214001	AISHWARYA. W
8	214021	KARTHIK. R
9	214028	MAHESHWARAN. L
10	214043	SELVA PRAKASH. B
11	214037	SABARISAN. K V
12	214014	JACKSON STUWART. A I
13	214057	VIJAYALAKSHMI. S
14	214003	ANTONY OBENA. A
15	214055	VIGNESH. S
16	214041	SANTHANA PRIYA. K
17	214013	HEMAMALINI. P
18	214062	KAVI BHAARATHY. D A
19	214063	Elanko.K
20	214064	SABARISHWARAN. G

HoD/IT **Principal**

Special programmes conducted for enhancing the learning levels of slow learners are as follows

1. **RETEST**
2. **RETEST SCHEDULE:**

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF MANAGEMENT STUDIES

TIME TABLE FOR INTERNAL ASSESSMENT TEST – I (RE-TEST)

I MBA (2021 – 2023) / SEMESTER - II

S. No	DATE	SUBJECT CODE	SUBJECT
01	16.05.2022	BA4201	Quantitative Techniques for Decision Making
02	17.05.2022	BA4202	Financial Management
03	18.05.2022	BA4203	Human Resource Management
04	19.05.2022	BA4204	Operations Management
05	20.05.2022	BA4205	Business Research Methods
06	23.05.2022	BA4206	Business Analytics
07	24.05.2022	BA4207	Marketing Management

HOD/MBA

DURATION: 01 Hr& 30 Mts

FN: 4.45 PM to 06.15 PM

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF MANAGEMENT STUDIES

TIME TABLE FOR INTERNAL ASSESSMENT TEST – II **(RE-TEST)**

I MBA (2021 – 2023) / SEMESTER - II

S. No	DATE	SUBJECT CODE	SUBJECT
1	13.06.22	BA4201	Quantitative Techniques for Decision Making
2	14.06.22	BA4203	Human Resource Management
3	15.06.22	BA4205	Business Research Methods
4	20.06.22	BA4206	Business Analytics
5	21.06.22	BA4207	Marketing Management
6	22.06.22	BA4202	Financial Management
7	23.06.22	BA4204	Operations Management

HOD/MBA

DURATION: 01 Hr & 30 Mts

FN: 4.45 PM to 06.15 PM

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A2- MARKS OF FAILED STUDENTS IN BA4201, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

Date: 13/06/22

Signature

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247507	BARANIKUMAR. T	28	--
2	247509	DEEPIKA. H	34	--
3	247540	RAJ MOHAMMED. M	38	--
4	247542	RAM PRASAD. M	A	--
5	247543	RINDHIYA. S	A	AM-
6	247544	ROGER. A S	26	--
7	247551	SOWMIYA. M	A	VA-
8	247559	YOGA LAKSHMI. S	22	--

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A2- MARKS OF FAILED STUDENTS IN BA4202,
Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

S.NO	Batch No	Name	Mark	Bus Boarding Short Code
1	247503	ADHARSH. S	40	SRI-
2	247505	ANJANAA. T N	18	TN-
3	247507	HARANIKUMAR. T	26	--
4	247508	K.TLASTIN LEO. I	14	--
5	247509	DEEPIKA. H	34	--
6	247510	DEEPTHIKA REENA. S	A	VA-
7	247511	DEVI PRIYA. K	A	SRI-
8	247513	DHIVYASREE. S	32	SRI-
9	247514	DINESH KUMAR P	30	--
10	247515	DINESH KUMAR V	8	--
11	247516	EZHIL MATHI. M	34	GIRLSHOSTEL
12	247519	GOKUL RAJ. V	20	--
13	247520	GOKUL. M	40	--
14	247521	GUHAN. P	18	--
15	247522	HARIPRASATH. R	42	SRI-
16	247523	INDUJA. S	30	SRI-
17	247525	KAARTHICRAJ. M	42	TOL-
18	247528	KEERTHANA. B	38	TOL-
19	247532	MEGHA SUSHMITHA. J	40	OFT-
20	247537	PRABHANJAN. M	20	--
21	247538	PRIYA RAMAN. K	42	OFT-
22	247539	PRIYADHARSHINI. R	A	- GIRLSHOSTEL
23	247540	RAJ MOHAMMED. M	16	--
24	247543	RINDHIYA. S	A	AM-
25	247544	ROGER. A S	44	--
26	247545	SANTHOS KUMAR. N	A	--
27	247546	SARANYA. R	A	--
28	247551	SOWMIYA. M	A	VA-
29	247554	SURESH KUMAR. G S	42	--
30	247556	TAMILARASAN. S B	40	--
31	247557	VEERAPRASATH. V	38	--
32	247558	VIGNESHWARAN. M	34	TOL-
33	247559	YOGA LAKSHMI. S	12	--
34	247560	YOGESH. V	A	--

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A2- MARKS OF FAILED STUDENTS IN BA4203, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247511	DEVI PRIYA. K	38	SRI-
2	247514	DINESH KUMAR. P	24	--
3	247540	RAJ MOHAMMED. M	36	--
4	247542	RAM PRASAD. M	A	--
5	247543	RINDHIYA. S	A	AM-
6	247544	ROGER. A S	40	--
7	247545	SANTHOS KUMAR. N	A	--
8	247546	SARANYA. R	38	--
9	247550	SIVAKUMAR. S	24	--
10	247551	SOWMIYA. M	A	VA-
11	247554	SURESH KUMAR. G S	40	--
12	247557	VEERAPRASATH. V	26	--
13	247559	YOGA LAKSHMI. S	28	--

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A2- MARKS OF FAILED STUDENTS IN BA4204, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247505	ANJANAA. T N	34	TN-
2	247507	BARANIKUMAR. T	22	--
3	247509	DEEPIKA. H	22	--
4	247510	DEEPTHIKA REENA. S	A	VA-
5	247511	DEVI PRIYA. K	A	SRI-
6	247514	DINESH KUMAR. P	34	--
7	247519	GOKUL RAJ. V	36	--
8	247532	MEGHA SUSHMITHA. J	A	OFT-
9	247535	OM SUGANTH. R	20	--
10	247539	PRIYADHARSHINI. R	A	- GIRLSHOSTEL
11	247543	RINDHIYA. S	A	AM-
12	247551	SOWMIYA. M	A	VA-
13	247554	SURESH KUMAR. G S	42	--
14	247560	YOGESH. V	34	--

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A2- MARKS OF FAILED STUDENTS IN BA4205, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247503	ADHARSH. S	36	SRI-
2	247507	BARANIKUMAR. T	44	--
3	247509	DEEPIKA. H	30	--
4	247511	DEVI PRIYA. K	28	SRI-
5	247514	DINESH KUMAR. P	18	--
6	247515	DINESH KUMAR. V	34	--
7	247516	EZHIL MATHI. M	46	- GIRLSHOSTEL
8	247517	GANGAI. J	A	SRI-
9	247519	GOKUL RAJ. V	30	--
10	247520	GOKUL. M	22	--
11	247521	GUHAN. P	28	--
12	247523	INDUJA. S	30	SRI- AB
13	247524	JANANI. N	38	BH-
14	247535	OM SUGANTH. R	26	--
15	247537	PRABHANJAN. M	40	--
16	247540	RAJ MOHAMMED. M	36	--
17	247543	RINDHIYA. S	A	AM- AB
18	247544	ROGER. A S	42	--
19	247550	SIVAKUMAR. S	38	--
20	247551	SOWMIYA. M	A	~~AA-~~ AB
21	247552	SRIRAMKUMAR. V	24	TOL- AB
22	247555	SURESH. G A	46	OFT-
23	247558	VIGNESHWARAN. M	34	TOL-
24	247559	YOGA LAKSHMI. S	46	-- AB
25	247560	YOGESH. V	38	-- AB

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A2- MARKS OF FAILED STUDENTS IN BA4206, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247501	AAMINA HASRAT. S	A	MA-
2	247509	DEEPIKA. H	44	--
3	247510	DEEPTHIKA REENA. S	A	VA-
4	247511	DEVI PRIYA. K	40	SRI-
5	247513	DHIVYASREE. S	24	SRI-
6	247514	DINESH KUMAR. P	34	--
7	247515	DINESH KUMAR. V	44	--
8	247539	PRIYADHARSHINI. R	A	- GIRLSHOSTEL
9	247542	RAM PRASAD. M	46	--
10	247543	RINDHIYA. S	A	AM-
11	247544	ROGER. A S	42	--
12	247545	SANTHOS KUMAR. N	42	--
13	247551	SOWMIYA. M	A	VA-
14	247552	SRIRAMKUMAR. V	34	TOL-
15	247553	SUNDARAM. M	38	--
16	247554	SURESH KUMAR. G S	48	--
17	247555	SURESH. G A	36	OFT-
18	247558	VIGNESHWARAN. M	48	TOL-
19	247559	YOGA LAKSHMI. S	40	--
20	247560	YOGESH. V	46	--

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A2- MARKS OF FAILED STUDENTS IN BA4207, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247507	BARANIKUMAR. T	A	--
2	247510	DEEPTHIKA REENA. S	A	VA-
3	247539	PRIYADHARSHINI. R	A	- GIRLSHOSTEL
4	247540	RAJ MOHAMMED. M	46	--
5	247543	RINDHIYA. S	A	AM-
6	247551	SOWMIYA. M	A	VA-
7	247559	YOGA LAKSHMI. S	38	--

SARANATHAN COLLEGE OF ENGINEERING

16/05/2022

IATEST - A1- MARKS OF FAILED STUDENTS IN BA4201, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247505	ANJANAA. T N	48	TN-
2	247507	BARANIKUMAR. T	A	--
3	247508	CELASTIN LEO. I	32	--
4	247509	DEEPIKA. H	16	--
5	247510	DEEPTHIKA REENA. S	48	VA-
6	247511	DEVI PRIYA. K	34	SRI-
7	247514	DINESH KUMAR. P	28	--
8	247519	GOKUL RAJ. V	32	--
9	247522	HARIPRASATH. R	20	SRI-
10	247535	OM SUGANTH. R	20	--
11	247537	PRABHANJAN. M	42	--
12	247540	RAJ MOHAMMED. M	12	--
13	247542	RAM PRASAD. M	40	--
14	247543	RINDHIYA. S	A	AM-
15	247544	ROGER. A S	14	--
16	247545	SANTHOS KUMAR. N	44	--
17	247546	SARANYA. R	34	--
18	247550	SIVAKUMAR. S	10	--
19	247551	SOWMIYA. M	10	VA-
20	247552	SRIRAMKUMAR. V	40	TOL-
21	247553	SUNDARAM. M	24	--
22	247554	SURESH KUMAR. G S	4	--
23	247556	TAMILARASAN. S B	10	--
24	247559	YOGA LAKSHMI. S	4	--
25	247560	YOGESH. V	28	--

SARANATHAN COLLEGE OF ENGINEERING

17/05/2022

IATEST - A1- MARKS OF FAILED STUDENTS IN BA4202, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

FM

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247507	BARANIKUMAR. T	16	--
2	247508	CELASTIN LEO. I	40	--
3	247511	DEVI PRIYA. K	24	SRI-
4	247514	DINESH KUMAR. P	10	--
5	247515	DINESH KUMAR. V	26	--
6	247519	GOKUL RAJ. V	22	--
7	247520	GOKUL. M	34	--
8	247521	GUHAN. P	38	--
9	247522	HARIPRASATH. R	20	SRI-
10	247523	INDUJA. S	40	SRI-
11	247524	JANANI. N	42	BH-
12	247533	MONICA LOBO. N	44	DH-
13	247535	OM SUGANTH. R	6	--
14	247540	RAJ MOHAMMED. M	10	--
15	247542	RAM PRASAD. M	28	--
16	247543	RINDHIYA. S	[illegible]	AM- AB
17	247544	ROGER. A S	[illegible]	--
18	247550	SIVAKUMAR. S	6	--
19	247551	SOWMIYA. M	20	VA- AB
20	247552	SRIRAMKUMAR. V	44	TOL-
21	247553	SUNDARAM. M	26	--
22	247554	SURESH KUMAR. G S	18	--
23	247555	SURESH. G A	34	OFT-
24	247556	TAMILARASAN. S B	16	--
25	247558	VIGNESHWARAN. M	42	TOL-
26	247559	YOGA LAKSHMI. S	12	AB
27	247560	YOGESH. V	20	--

18/05/2022

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A1- MARKS OF FAILED STUDENTS IN BA4203, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

HRM

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247502	ABIRAMI. S	38	IG-
2	247511	DEVI PRIYA. K	42	SRI-
3	247514	DINESH KUMAR. P	42	--
4	247523	INDUJA. S	42	SRI-
5	247535	OM SUGANTH. R	38	--
6	247540	RAJ MOHAMMED. M	34	--
7	~~247543~~	~~RINDHIYA. S~~	~~0~~	~~AM-~~
8	247544	ROGER. A S	40	--
9	247545	SANTHOS KUMAR. N	40	--
10	247550	SIVAKUMAR. S	26	--
11	247551	SOWMIYA. M	42	VA- AB
12	247552	SRIRAMKUMAR. V	34	TOL-
13	247553	SUNDARAM. M	0	--
14	247554	SURESH KUMAR. G S	42	--
15	247555	SURESH. G A	40	OFT-
16	247557	VEERAPRASATH. V	42	--
17	247558	VIGNESHWARAN. M	40	TOL-
18	247560	YOGESH. V	42	--

SARANATHAN COLLEGE OF ENGINEERING

19/05/2022.

IATEST - A1- MARKS OF FAILED STUDENTS IN BA4204, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

OM

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247507	BARANIKUMAR. T	36	--
2	247513	DHIVYASREE. S	A	SRI-
3	247535	OM SUGANTH. R	36	--
4	247543	RINDHIYA. S	A	AM
5	247554	SURESH KUMAR. G S	42	--
6	247556	TAMILARASAN. S B	46	--
7	247559	YOGA LAKSHMI. S	20	--

T. Baranikumar

Dhivyasree S

Suganth R

AM (AR)

Suresh Kumar G.S

S.B. Tamil

S. Yoga

SARANATHAN COLLEGE OF ENGINEERING

20/05/22

IATEST - A1- MARKS OF FAILED STUDENTS IN BA4205, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

BRM

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247503	ADHARSH. S	46	SRI-
2	247505	ANJANAA. T N	44	TN-
3	247507	BARANIKUMAR. T	44	--
4	247509	DEEPIKA. H	34	--
5	247513	DHIVYASREE. S	A	SRI-
6	247514	DINESH KUMAR. P	26	--
7	247515	DINESH KUMAR. V	38	--
8	247523	INDUJA. S	A	SRI-
9	247535	OM SUGANTH. R	30	-- AB
10	247537	PRABHANJAN. M	26	--
11	247543	RINDHIYA. S	A	AM- LA
12	247544	ROGER. A S	22	--
13	247545	SANTHOS KUMAR. N	34	--
14	247546	SARANYA. R	44	--
15	247550	SIVAKUMAR. S	42	--
16	247551	SOWMIYA. M	A	VA- AB
17	247552	SRIRAMKUMAR. V	42	TOL- AB
18	247559	YOGA LAKSHMI. S	42	--

S. Adharsh
T.N.
T. Baranikumar
H. Deepika
Dhivyasree
R. Dinesh
V. Dinesh kumar
S. Induja
A. S. Roger
R. Saranya

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A1- MARKS OF FAILED STUDENTS IN BA4206, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

BA

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247507	BARANIKUMAR. T	28	-- AB
2	247508	CELASTIN LEO. I	A	--
3	247509	DEEPIKA. H	34	--
4	247510	DEEPTHIKA REENA. S	42	VA- AB
5	247511	DEVI PRIYA. K	30	SRI- AB
6	247512	DHARANI. M	40	KKN-
7	247513	DHIVYASREE. S	42	SRI- AB
8	247514	DINESH KUMAR. P	22	--
9	247515	DINESH KUMAR. V	29	--
10	247516	EZHIL MATHI. M	33	- GIRLSHOSTEL
11	247517	GANGAI. J	31	SRI-
12	247519	GOKUL RAJ. V	26	--
13	247523	INDUJA. S	34	SRI-
14	247524	JANANI. N	42	BH-
15	247526	KAMALI. P L	46	--
16	247530	KRISHNA DOSS. A	A	--
~~17~~	~~247543~~	RINDHIYA. S	A	AM- LA
18	247544	ROGER. A S	24	-- AB
19	247550	SIVAKUMAR. S	A	--
20	247551	SOWMIYA. M	A	VA- AB
21	247553	SUNDARAM. M	46	--
22	247554	SURESH KUMAR. G S	44	--
23	247555	SURESH. G A	37	OFT-
24	247556	TAMILARASAN. S B	32	--
~~25~~	~~247558~~	~~VIGNESHWARAN. M~~	~~38~~	~~TOL-~~
26	247559	YOGA LAKSHMI. S	24	--
27	247560	YOGESH. V	38	--

SARANATHAN COLLEGE OF ENGINEERING

IATEST - A1- MARKS OF FAILED STUDENTS IN BA4207, Branch :MBA SECTION-A,SEM-2Period:21-22EVEN

S.NO	Batch No	Name	Marks	Bus Boarding-ShortCode
1	247507	BARANIKUMAR. T	18	--
2	247508	CELASTIN LEO. I	28	--
3	247514	DINESH KUMAR. P	40	--
4	247519	GOKUL RAJ. V	26	--
5	247540	RAJ MOHAMMED. M	40	--
~~6~~	~~247543~~	~~RINDHIYA. S~~	~~A~~	~~AM-~~ LA
7	247544	ROGER. A S	32	--
8	247545	SANTHOS KUMAR. N	28	--
9	247546	SARANYA. R	36	--
10	247550	SIVAKUMAR. S	A	--
11	247551	SOWMIYA. M	A	VA- AB
12	247552	SRIRAMKUMAR. V	28	TOL- AB
13	247553	SUNDARAM. M	42	--
14	247556	TAMILARASAN. S B	A	--
15	247559	YOGA LAKSHMI. S	A	--
16	247560	YOGESH. V	30	--

SARANATHAN COLLEGE OF ENGINEERING
DEPARTMENT OF CIVIL ENGINEERING
Slow learners list Academic year 2021-22

S.No.	Year	Student Name
1	II-Year	KV.Araneri
2		R.Arangarajan
3		R.Gokul
4		M.Kamaleshwaran
5		A.Raja
6		N.Supersukumaran
7	III-Year	S.Antony clinton
8		R.Dineshram
9		R.Ganeshpathi
10		B.Harish
11		S.Hemanth
12		S.Karthik
13		NR.Nagarjuna
14		CT.Solaiaravind
15		R.Sriraghul
16		B.Sriram
17		BA.Sugunesahan
18		N.Tamilarasan
19		Ttroues
20		P.Saravanan
21	IV-Year	K.Dinesh
22		S.Govindaraj
23		Harithabalaji
24		N.Krishnamoorthy
25		K.Mohamedtharik
26		M.Palanikumar
27		S.Shreeram
28		S.S.Soumiya
29		B.Srinithi

1.
2.
3.

CC

HOD

Head of the Department
Department of Civil Engineering
Saranathan College of Engineering
Tiruchirappalli - 620 012.

REVIEW OF SLOW LEARNERS' / TOPPERS' PERFORMANCE

Subject: Strength of materials - II

No. of Slow-Learners / Toppers-adopted-:

Sl. No.	Batch No.	Univ. Reg. No.	Name	IA T1 (100)	IA MT1 (100)	IA T2 (100)	IA MT2 (100)	IA T3 (100)	IA MT3 (100)	Model Exam. (100)
1	237004	813523103004	[illegible]. KR	52	65	08	66	38		
2	237005	813523103005	Arangarajan. S	52	75	44	76	50		
3	237008	813523103008	Gokul. R	60	70	38	82	52		
4	237010	813523103010	Kamaleshwaran. M	58	70	28	72	20		
5	237017	813523103017	Raja. M	74	72	60	-	54		
6	237024	813523103024	Super Sivakumaran. T	56	74	14	72	30		
7										
8										
9										
10										
11										
12										
13										
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15										
16										
17										
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19										
20										
21										
22										
23										
24										
25										

Remarks of the staff-in-charge (Details of strategies followed to be given)

Based on their Internal Exam, University grades.

Head of the Department
Department of Civil Engineering
Saranathan College of Engineering
Tiruchirappalli - 620 012.

PRINCIPAL

REVIEW OF SLOW LEARNERS' / TOPPERS' PERFORMANCE

Subject : Structural Analysis II

No. of Slow-Learners / Toppers adopted :

Sl. No.	Batch No.	Univ. Reg. No.	Name	IA		IA		IA		Model
				T1 (100)	MT1 (100)	T2 (100)	MT2 (100)	T3 (100)	MT3 (100)	Exam. (100)
1	227003	813819103003	S. Antony clinton	22		28	34	20		
2	227008	008	R. Dineek Ram	A		A	14	A		
3	227009	009	R. Ganesh Pathi	32		24	30	A		
4	227011	011	B. Haiil	50		28	58	A		
5	012	012	S. Hemanth	62		22	52	38		
6	016	016	S. Karthik	51		A	60	24		
7	024	024	N.R. Nagarjuna	43		24	80	50		
8	027	027	T. Prathuraj	50		A	12	A		
9	032	032	C.T. Solaiaravind	32		8	36	24		
10	033	033	R. Sri Raghul	46		40	40	22		
11	035	034	B. Sri Ram	51		10	14	22		
12	036	036	B.A. Suguneshan	8		22	50	28		
13	038	037	N. Tamilarasan	70		10	50	50		
14	040	813819103303	Tatroues	24		8	36	32		
15	042	813819103302	P. Saravanan	66		A	84	50		
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										

Remarks of the staff-in-charge (Details of strategies followed to be given)

(1) Students who failed in IA tests.

Head of the Department
Department of Civil Engineering
Saranathan College of Engineering
Tiruchirappalli

PRINCIPAL

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF ECE

III ECE A- REMEDIAL CLASS ATTENDANCE- 2021-2022 ODD SEMESTER

EC8551 COMMUNICATION NETWORKS

S.no	Batchno	Name	23.12.21	24.12.21
1	222011	ARUL JYOTHI. A	AB	
2	222012	ARUN PRIYA RAAJ. P V		
3	222013	BALASUBRAMANIAN. S		
4	222015	BHARANI KUMAR. S	S.Bharani	S.Bharani
5	222016	BHARATH HARI. S		
6	222035	HARRISH. M		
7	222038	HEMACHANDHAR. N	AB.	
8	222042	JAYASURYA. P		
9	222046	JOHAN KINGSLY. M	AB	AB
10	222047	KAARTHIKEYAN. E		
11	222048	KARTHIK. B	B.karthik	B.karthik
12	222058	KEVIN CARLOS JOY. J	AB	

Topics Discussed Congestion Control in TCP, Email transfer.

S.A.A.

Faculty In charge

Dr.S.A.Annamalai

HOD 24/12/21

SARANATHAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI - 12
DEPARTMENT OF ECE
OIC 751 - TRANSDUCER ENGINEERING
REMEDIAL CLASS ATTENDANCE SHEET

05.01.2022

S No	B No	Reg No	Name	Signature
1	212003	813818106002	ABDULLA N	
2	212010	813818106010	ANTONY JOHN JASON S	
3	212018	813818106018	BAVITHRAN G R	
4	212021	813818106021	CHARUDHARSHANA M	
5	212031	813818106031	GOKULAKRISHNAN M J	
6	212041	813818106041	KAMALAKANNAN K	
7	212055	813818106055	MADHUMITHA J	
8	212056	813818106056	MANIKANDAN R	
9	212058	813818106059	MANOJ KUMAR A	
10	212118	813818106301	ANANTHAKUMAR M R	

05/01/2022

Faculty In-Charge

6/1/22

HOD / ECE

SARANATHAN COLLEGE OF ENGINEERING

DEPARTMENT OF ECE

SLOW LEARNERS' LIST (IV ECE B)

S.No.	BATCH No.	NAME	SIGNATURE 23/12/21	24/12/21
1	202085	SHANMUGASUNDARAM. R	AB	AB
2	212064	NIKHIL RAJ. M	AB	M. Nikhil Raj
3	212065	NIRUBAN. J	AB	AB
4	212071	POORNIMA. S	S Poornima.	S Poornima
5	212084	SAKTHIVEL. S	AB	S. Sakthivel
6	212087	SANTHOSH. N	AB	AB
7	212088	SANTHOSH. S	AB	S. Santhosh
8	212092	SHANKAR. V	AB	V. Shankar
9	212093	SHARMILA R	Sharmila.	P. Sharmila
10	212104	SUBASH. A	AB	
11	212105	SUBASRI. K	AB	AB
12	212106	SUJITH. K		AB
13	212113	VARADAKRISHNAN. B	AB - OD	OD
14	212115	VASANTHAKUMAR. R	AB	OD
15	212117	AASATH KHAN. N	Aasath khan	
16	212120	LOGA DASS.	~~AB~~	AB

P. Shanmugapriya
Faculty In-charge

HOD/ECE

SARANATHAN COLLEGE OF ENGINEERING

Venkateswara Nagar, Panjappur, Tiruchirappalli – 620012

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CIRCULAR

"CODING COMPETITION"

In the view of encouraging students in their skill development, Department of Computer Science and Engineering is organizing "**Coding Competition**" for **3rd Year CSE Students** on **09-11-2021 (Tuesday).**

Interested Students are requested to form a team (**Max. 2 per team**) and register online for the event **on or before 01.11.2021.** Details regarding the competition and general instructions are displayed in CSE Department Notice Board.

If any queries regarding the event, kindly contact your class coordinator and event in-charges for more details.

HOD/CSE

(Dr. S.A. Sahaaya Arul Mary)

Event In-Charges:

1. Mr.P.Dineshkumar/AP/CSE dineshkumar 28/10/21.
2. Ms.J.Sathiaparkavi/AP/CSE J. Sathi 28/10/21
3. Mr.P.B. Aravind Prasad/AP/CSE - P.B. Aravind 28/10/21