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2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

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STUDENT CENTRIC METHOD ASSESSMENT

Student-centric strategies are supported by time-proven educational methods for excellent learning results. As a result, our institution emphasizes approaches that are extremely experiential, participatory and problem solving methodology as shown below.

Experiential Learning

It's a type of learning in which students will learn in their doing and reflect on what they have learned. It includes opportunities for students to engage them academically. As per University regulations practical classes are conducted regularly. Beyond the curriculum, some of the experiential learning is in practice as given below.

- Internships
- Industrial Visit
- Workshops

Participative Learning

The "participative learning" engage the students to participate as fully as possible in the learning process. And also will assist the students to achieve their desired goal and outcome by various participations. Some of the participative learning is listed below

- Seminar Presentation
- Quiz Participation
- Symposium in and other colleges
- Students Innovation
- SIH Participation

Problem Solving Methodology

This methodology aims to develop the knowledge of the student in defining the problem statement. It also determines the cause of the problem, identify, prioritize and selecting alternatives for the cause of the problem. The methodology used in our institution is

- Project
- Case Study
- Tutorials



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EXPERIENTIAL LEARNING DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING LABORATORY DETAILS

S.No	Lab Name	Block Name
1	Peter Norton Lab	
2	Charles Babbage Lab	
3	ShivaayyaDurai Lab	MAIN BLOCK
4	Maxnewman Lab	WAIN BEOCK
5	Craig Larman Lab	¥ .
6	Richard Lab	
7	CADD Lab	ANNEXURE BLOCK
8	Digital Lab	AITIENCE BEGGI

K. Salh & Kumar

HOD/CSE
Head of the Department

Department of Computer Science & Engineering M.A.M. School of Engineering Siruganur, Tiruchirappalli - 621 105.



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PETER NORTON LAB

K-Salkish ki HeadHOD/CSE partment

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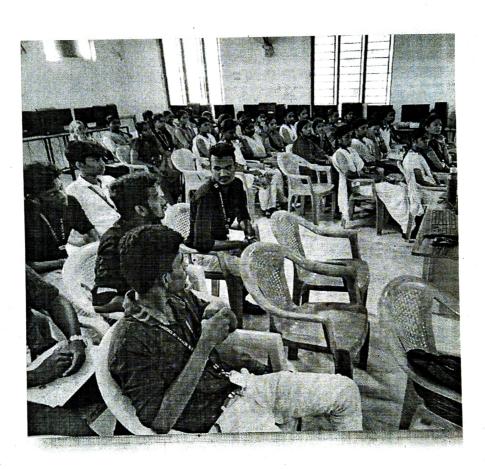


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CHARLES BABBAGE LAB

K-SMish Kunan He**HOD/95E** Department

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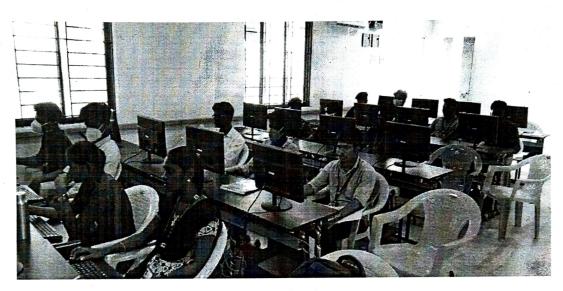


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CRAIG LARMAN LAB

K-Salhish kumar HOD/CSE

Head of the Department

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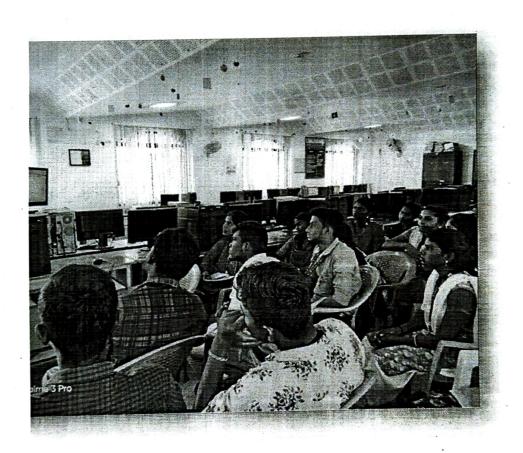
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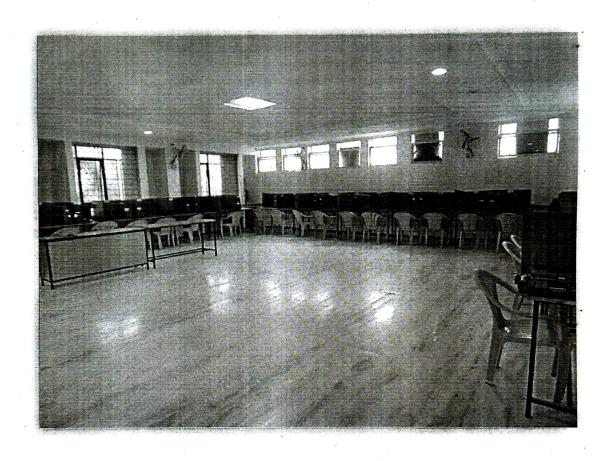
K-Salhish Kumar Head 1971/ESF epartment

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SHIVAAYYA DURAI LAB

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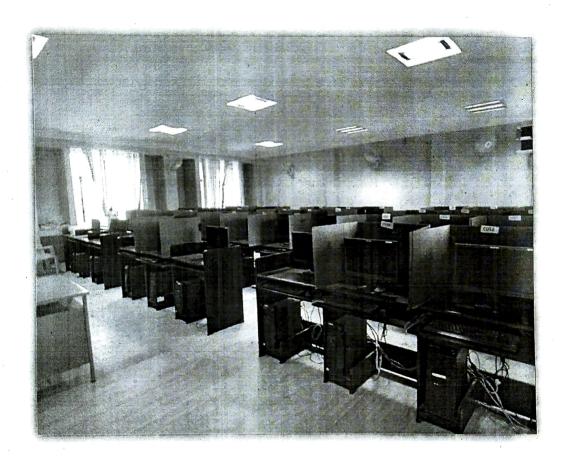
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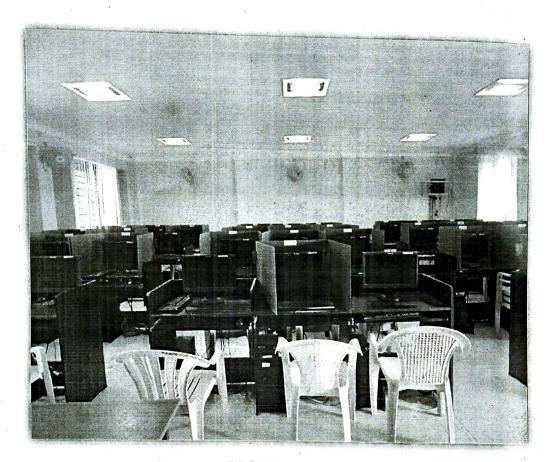
RICHARD LAB

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING <u>ACADEMIC YEAR -2020-2021</u>

Internship Details

S.No	Register Number	Name of the student	Name of the company	Duration
1	812117104001	Aasha G		
2	812117104004	A.Akash	· · · · · · · · · · · · · · · · · · ·	g - 8
3	812117104008	K.Dhivya	y	
4	812117104009	Kowsalya R		
5	812117104010	HavishaMonal.A		
6	812117104011	S.Iyyanar		
7	812117104012	Kowsalya M		
8	812117104014	Mahalakshmi E		
9	812117104015	M.Manjula	· · · · · · · · · · · · · · · · · · ·	
10	812117104016	Mohamed Shafvan M		*
11	812117104017	Mohamed Yasar S	eCATz Solutions Pvt Ltd.	16.11.20-14.12.20
12	812117104019	Ramya.R	eca 12 Solutions Pvi Liu.	10.11.20-14.12.20
13	812117104020	Ranjith.J		•
14	812117104021	R.Ranjith		
15	812117104023	Sarma S		g *
16	812117104024	Sarmila M		2
17	812117104026	Sowmiya M	·	. "
18 .	812117104028	M.Thangam		
19	812117104029	Udhayanithi.J		Ψ.
20	812117104030	Udhayanithi.T		
21	812117104031	Varsha.V		
22	812117104033	Vinothini.R	1.5	
23	812117104701	Gomathi.M		

K- 3allish kumar

HOD/CSE Head of the Department

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ACADEMIC YEAR - 2020-2021 - Internship Certificates



eCATz Solutions Pvt Limited

Software Services | HRM | Skilling | Mentoring HO: 106/89A,Chamundi Street, Gugai ,Salem 636006 India Development Centers : Bengaturu,

Hyderabad, Gunupur, Trichy

Tel: +91 427 4043369, Mobile + 91

9751673512 , info@ecatzsolutions.com

Internship Letter

This is to certify that Assha A. G / IV Year, Department of Computer Science Engineering, M.A.M School of Engineering, Trichy. She had undergone Internship in our company from 16-11-2020 to 04-12-2020. Her approach in learning was good.

For eCATz Solutions Pvt.Ltd

Nandhini.K H.r Manager ssued document and requires no signature



eCATz Solutions Pvt Limited

Software Services | HRM | Skilling | Mentoring HO : 106/89A, Chamundi Street, Gugai , Salem 636006 India Development Centers : Bengaluru,

Tel: +91 427 4043369 . Mobile + 91

9751673512 , into@ecatzsolutions.com

Internship Letter

This is to certify that Akash.A / IV Year, Department of Computer Science Engineering, M.A.M School of Engineering, Trichy had undergone internship in our company from 06.11.2020 to 04.12.2020. Her work was satisfactory and bears a average moral character.

For eCATz Solutions Pvt I td

Nandhini.K

H.r Manager

This is an electronically issued document :

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ACADEMIC YEAR-2019-2020 INTERNSHIPS

THE ENGINEE S				
S.No	Register Number	Name of the student	Name of the company	Duration
1	812117104017	S.MohamedYasar	KaashivInfo Tech	02-12-19 – 06-12-19
2	812117104028	M.Thangam	Kaashiv Info Tech	02-12-19 – 06-12-19
3	812117104010	A.HavishaMonal	Pantech	04-06-19 - 08-06-19
4	812117104019	R.Ramya	Pantech	04-06-19 - 08-06-19
5	812117104026	M.Sowmiya	Pantech	04-06-19 - 08-06-19
6	812116104026	A.Tamilselvi	St. Perter's Institute of Higher Education & Research	01-04-20 – 10-04-20
7	812116104023	K.Senthamizhselvi	SD Pro Solutions	23-12-19 – 28-12-19

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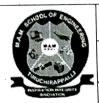
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C.No: NEASILIA

CERTIFICATE OF COMPLETION

This certificate is presented to

Mr./Ms. K SENTHAMIZSELVI (PIZHLID4023)

__ Training Program

in " ANDROLD APP DEVELOPEMENT During 38-12-19 to 28-12-19

Congratulations on a job well done!

Awarded this

Director

Technical Head

HOD/CSE
Head of the Department

Department of Computer Science & Engineering M.A.M. School of Engineering Siruganur, Tiruchirappalli - 621 105.

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S.No	Register Number	Name of the student	Name of the company	Duration
1	812114104007	V.Priyanka	Centauruss	04-07-19 – 09-07-16

K-Sakish Kurray

HOD/CSE
Head of the Department

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ACADEMIC YEAR-2019-2020 INDUSTRIAL TRAINING

S.No	Date	Name of the Student	Name of the Industry
1	06.12.2019	S.MohamedYasar	Wikitechy

K-Salhish Kumar

HOD/CSE
Head of the Department
Department of Computer Science & Engineering

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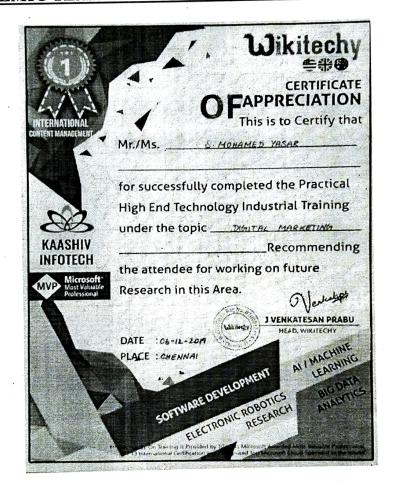


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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING ACADEMIC YEAR-2019-2020 IN-PLANT TRAINING

S.No.	Date	Name of the Company
1	02-12-19 - 06.12.2019	Kaashiv Info Tech

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Head of the Department

Department of Computer Science & Engineering

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ACADEMIC YEAR-2018-2019 INDUSTRIAL VISITS

S.No	Date of Visit	Name of the Industry
1	06.02.2019	e-Quadriga Software (P) Limited

HOD/CSE Head of the Department

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ACADEMIC YEAR-2018-2019 INDUSTRIAL VISITS



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

e-Quadriga Software (P) Limited-INDUSTRAIL VISIT - FEB 06 2019

We have started a short trip to e-Quadriga Software (P) limited at 11.10 am. Myself (Mr.M.A.Prasanna) and Mrs.Nandhini devi coordinates third year CSE and three students from second year students. We reached the company around 12.15 PM.I called the HR for accommodation of faculty members and the students from third year and part of second year.

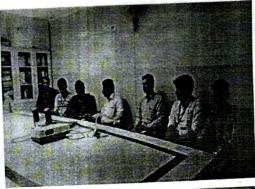
Mr. Raja Deepan.T was the HR of e-Quadriga Software (P) Limited.Mr.Arun Kumar was the project manager of e-Quadriga Software (P) Limited. He gave about brief introduction about the SDLC and their process. He gave an introduction about the product, process, people and project.

He gave an introduction about their company process followed in e-Quadriga Software (P)

Limited. He taught about software testing, agile methodologies, waterfall model process. There
are four teams in this company. Andriod, IOS, Developer, Testing and Support teams. Marketing
team was responsible for pick the project from the software market.

Student are interactive with the Mr.Ann Kumar, Project Manager,e-Quadriga Software (P)
Limited regarding the development of the software project, He told that every phase must be
documented.

Students gave a nice feedback about an interaction with the Project Manager. We left the company around 1.40 PM and reached the college around 2.40 PM.





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ACADEMIC YEAR - 2018-2019 IN-PLANT TRAINING

S.No.	Date	Company
1	14-12-18 – 18-12-18	KaashivInfotech
2	20-06-18	CAPS Training Institute

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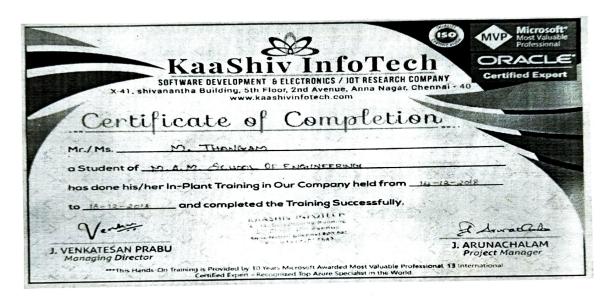
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ACADEMIC YEAR-2017-2018 INDUSTRIAL VISITS

S.No	Date of Visit	Name of the Industry
1	11-05-18 - 15-05-18	Data Communication in BSNL
2	18-06-18 – 20-06-18	IIHT, Trichy
3	13-02-2018	CMS IT Training Institute

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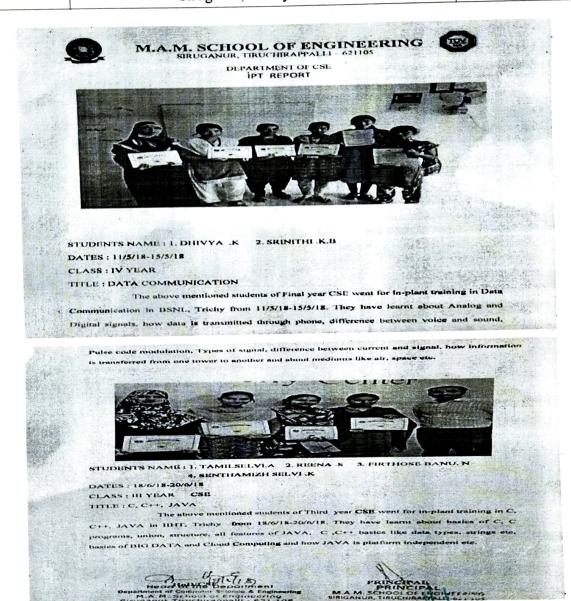
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PARTICIPATIVE LEARNING

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Academic Year - 2019 - 2020 - Workshop Participation

S.No	Reg.No.	Student Name	Date	Name of the Topic
1.	812118104002	APPURAJ R		
2.	812118104003	ARIKARAN S		
3.	812118104004	ARUNA M		
4.	812118104006	GURU PRAKASH M		
5.	812118104008	LOGESHWARAN S		
6.	812118104009	MOHAMED ASLAM K		-
7.	812118104010	MOHAMMED NAZEEM N		
8.	812118104011	MOHAMED RIYAS M		
9.	812118104012	MUTHUSELVI A		
10.	812118104013	NITHIYA M		
11.	812118104014	PANDI P		
12.	812118104015	PAVITHRA A	25-07-2019 –	Innovative
13.	812118104016	POOJA G	27-07-2019	Electronics
14.	812118104017	PREETHIKA S		
15.	812118104018	PRIYANKA K		
16.	812118104019	RAJADURAI P		
17.	812118104020	RANJANI C		
18.	812118104021	RANJITH KUMAR R		
19.	812118104022	RAVIVARMAN S		
20.	812118104023	REJINA DEVI R		
21.	812118104024	SELVAKUMAR B		
22.	812118104025	SURIYA PRAKASH K	,	
23.	812118104026	VINITHA V		
24.	812118104027	VIVEDHA R	//	\

K-Sallish kumar HOD/CSE

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Department of Computer Science & Engineering

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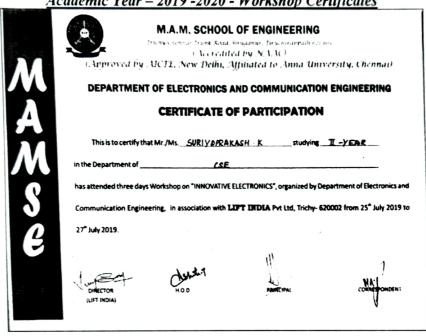
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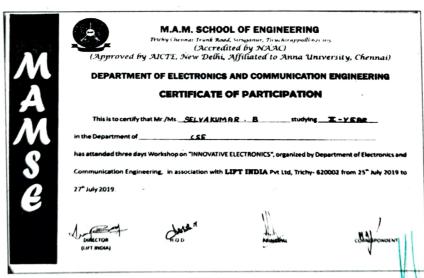
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year - 2019 - 2020 - Workshop Certificates





HOD/CSE Kumar

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Academic Year – 2019 -2020 –Seminar Presentation

S.No	Reg.No.	Student Name	Date
1	812120104007	Benjeo A	26-12-2020
2	812119104016	R.Kaviyarasan	25-08-2020
3	812117104027	B.Sakthi	25-08-2020

K-Sallish Kuman HOD/CSE

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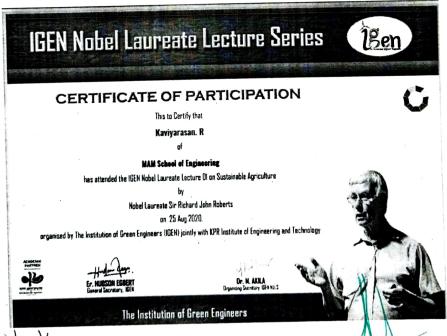
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<u> Academic Year – 2019 -2020 - Seminar Certificates</u>





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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Academic Year - 2017 - 2018 - Seminar Presentation

S.No	Reg.No.	Student Name	Date
1	812116104004	A.Arunkumar	27-02-2018
2	812116104028	B.Vijay	27-02-2018

K. Salhish Kuman

Head of the Department Department of Computer Science & Engineering M.A.M. School of Engineering Siruganur, Tiruchirappalli - 621 105.

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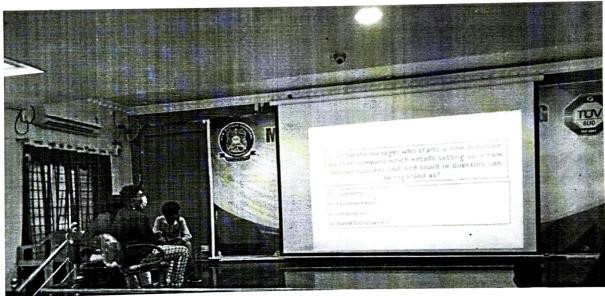
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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING Academic Year – 2019 -2020 –State/National Level technical symposium

S.No	Reg.No.	Student Name	Date	I/II/II/ Participate	Name of the Symposium
1	812119104016	R.Kaviyarasan	20.02.2020		
2	812119104039	A.Viswabharathi	28-02-2020	I Prize	INFINITO 20
3	812117104009	R.Kousalya			
4	812117104019	R.Ramya	1		
5 ,	812117104024	M.Sharmila	1		
6	812117104031	V.Varsha			ESPERNZA 20
7	812117104034	R.Vinothini	05-03-2020	Participated	
8	812117104701	M.Gomathi			
9	812117104017	S.MohamedYasar			
10	812117104028	M.Thangam		,	SHEKRAA

HOD/CSE

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DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Academic Year - 2019 -2020 - State Level technical symposium Certificates GROUP OF INSTITUTIONS **INFINITO 2K20** Certificate of Excellence This is to certify that Chir Offic KANIYARASAN R won I place in the event Meme Hunt conducted in "INFINITO 2K20", a State Revel Symposium on 28th Sebruary 2020 at CARE Group of Institutions, Trichy. INFINITO 2K20 Certificate of Excellence won ... P.... place in the event... Meren. ... Horr. conducted in "INFINITO 2K20", a Giaic Ropol Obymposium on 28th Sobruary 2020 at CARE Group of Institutions, Trichy.

HOD/CSE Kumar

Department of Computer Science & Engineering M.A.M. School of Engineering Siruganur, Tiruchirappalli - 621 105.

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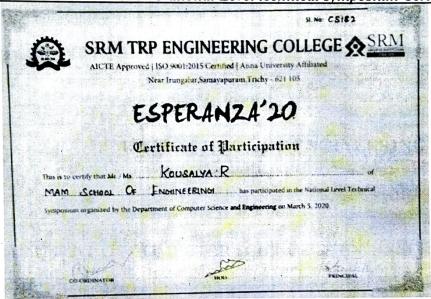
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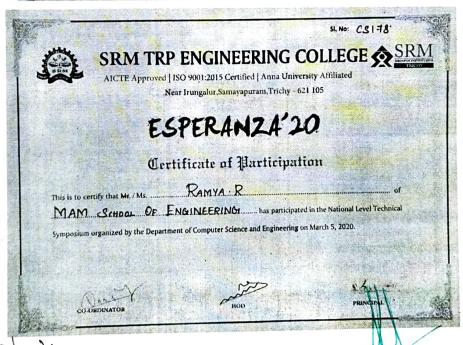
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S.No	Reg.No.	Student Name	Date	I/II/II/ Participate	Name of the
1	812115104023	S.Yasvanth		Tarticipate	Symposium
2	812115104018	S.Sharmela	1		
3	812115104020	M.Sivagandhi			
. 4	812115104013	S.Noornisha	08-03-2019	Dominimate 4	MAR
5	812115104024	M.Yogapriya	00-03-2019	Participated	TECHNOFEST 2K19
6	812115104010	F.A.Monica Seles	1	9	21(1)
7	812115104009	A.MohamedHakkim	1.		

HOD/CSE

Head of the Department

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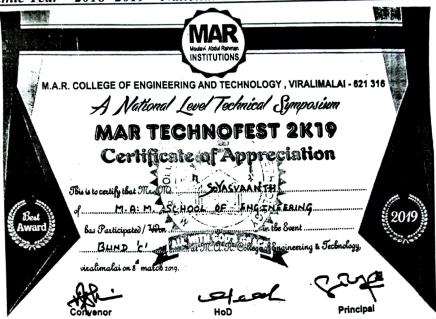
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43

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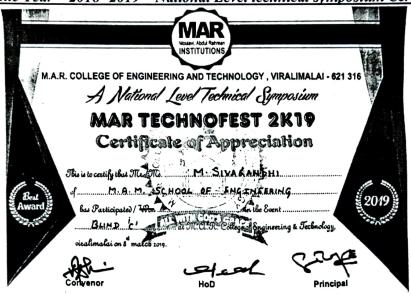
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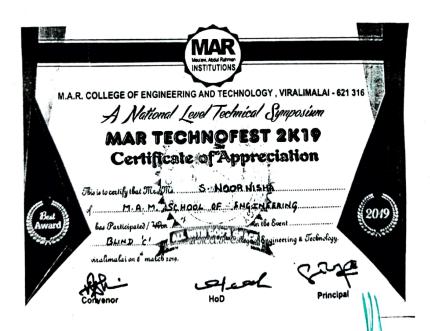
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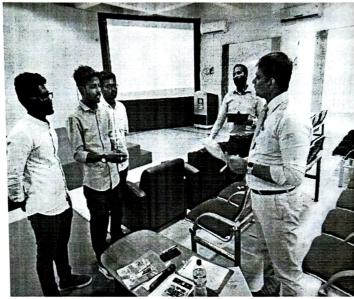
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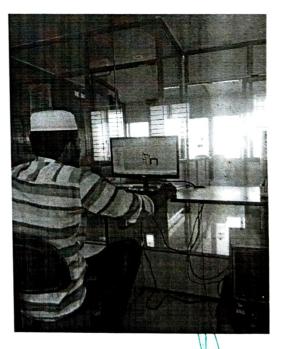
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Students Innovation









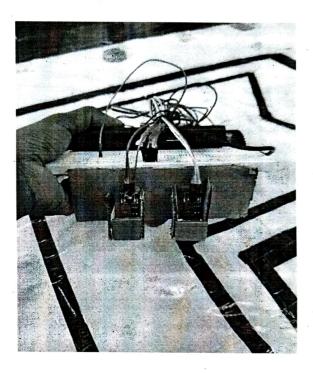
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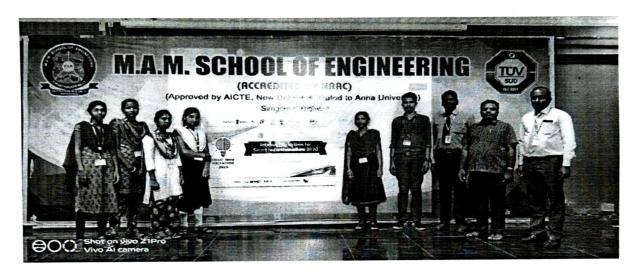
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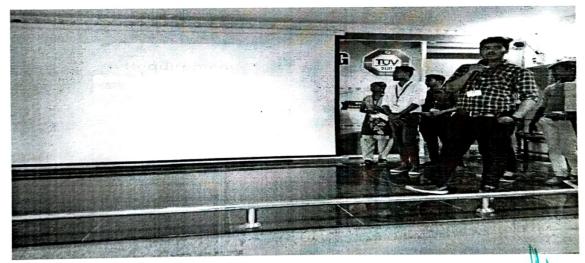
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<u>SIH – INTERNAL HACKATHON – PARTICIPATION</u>

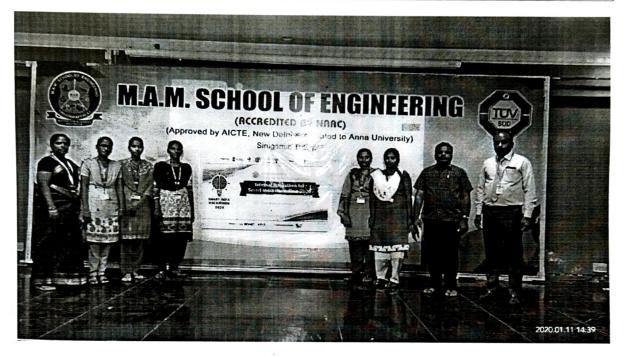


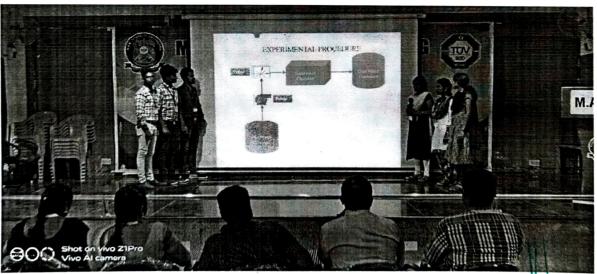


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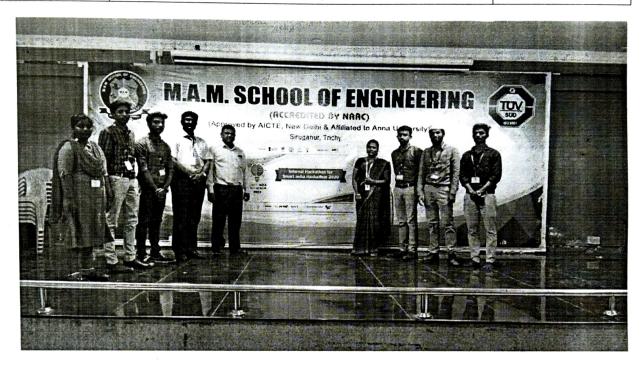


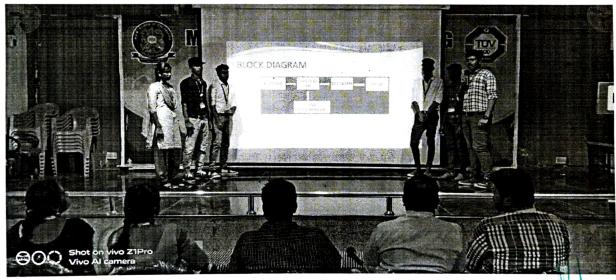
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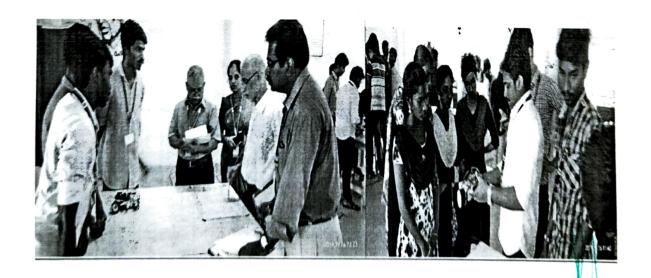
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PROBLEM SOLVING METHODOLOGY

PROJECT EXPO





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M. SCHOOL OF ENGINEERING, SIRUGANUR TRICHY - 621105. PROJECT BATCH LIST

S.No.	Reg. No.	Name	BATCH	Guide Names	PROJECT TITLE
1	812117104001	AASHA G			
2	812117104004	AKASH A	1	P.Shremalar	Chunk Based Deduplication Checking With Encrypted Date Storage in Cloud
3	812117104006	ARTHI S			
4	812117104008	DHIVYA K			
5	812117104009	KOWSALYA R	2	P.Sivernalar	SQL Injection attack detection in websites
6	812117104010	HAVISHA MONAL A			
7	812117104011	IYYANAR S			Deep Learning-Besed Object Detection Improvemen
8	. 612117104012	KOWSALYA M	3	K.Sathish Kumar	for Crop leaf Disease
9	812117104014	MAHALAKSHMI E	1		
10	B12117104015	MANJULA M			Scalable and Secure Big Data IoT System Based on
11	812117104016	MOHAMED SHAFVAN M	1 4	S.Murugavati	Multifactor Authentication and Lightweight Cryptography
12	812117104017	MOHAMED YASAR \$]		Cryptography
13	812117104018	PRIYANGAT			
14	812117104019	RAMYA R	5	S.Murugevaili	Parental Monitoring using Andriod Phones
15	812117104020	RANJITH			
· 16	812117104021	RANJITH R			Darknet/ Yolu Based Animal Surveillance and
17	812117104023	SARMA S	6	P.Sivamalar	Accident Prevention Using Al
18	812117104024	SHARMILA M	0.04		
19	812117104026	SOWMIYA M			
20	812117104028	THANGAM M	. ,	K.Sathish Kurnar	Fast Detection of Transformed Data Leaks in Wireless Sensor Network
21	812117104029	LIHTINAYAHOU			
- 22	812117104030	UDHAYANITHI T		S.Murugavalli	Fast Secure and Anonymous Key Agreement
23	812117104031	VARSHA V			
24	812117104053	VINOTHINI R		K.Sathish Kumar	Against Bad Randomness for Cloud Computing
				K.Secrash Ruman	Against bas nandomness for Cloud Competing

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s. NO.	Reg No.	NAME OF THE STUDENT	TITLE OF THE PROJECT WORK	Project Guide
1	812116104004	A.ARUNKUMAR	DRIVER DROWSINESS DETECTION USING FACIAL FEATURES	K.SATHISH KUMAR
	812116104005	C.ANITHADEVI	FACIAL FEATURES	
2	812116104012	B.KAYATHRI	IMAGE PRIVACY IN SOCIAL NETWORK	K.SATHISH KUMAR
	812116104028	B.VIJAY	USING INVISIBLE WATER MAKING TECHNIQUES	
3	812116104019	S.REENA	SVM ALGORITHM FOR DETECTION OF	P.SIVAMALAR
	812116104020	X.REKA	SPAMMERS ON TWITTER	
4	812116104001	S.ABINAYA	PARKING LOTS SPACE DETECTION USING MRF ALGORITHM	P.SIVAMALAR
	812116104010	K.JEYANTHI	. Mill ALGORITHM	
5	812116104025	C.SUVITHA	IMPLEMENTING ATTRIBUTE BASED ENCRYPTION & DECRYPTION ALGORITHM	G.RAJESHKUMAR
	812116104026	A.TAMILSELVI	FOR SECURING FILE TRANSFER OVER CLOUD	
6	812116104011	A.KAVITHA	OF BOTNET COMMAND AND CONTROL	G.RAJESHKUMAR
	812116104014	A.MAHESH	TRAFFIC	
7	812116104007	G.DEEPA	MONITORING VEHICLE COMMUNICATION& ROAD CONDITION IN	V.VIDHYA
	812116104008	N.FIRTHOSE BANU	VANET	
8	812116104015	AL.MURUGANANTHAM	PRIVACY PROTECTION OF USER BROWSING DETAILS FOR SECURE WEB	V.VIDHYA
	812116104027	K.THILAGGAVATHI .	SEARCH &UNSAFE	
9	812116104003	M. ALEX PANDIAN	THEFT IDENTIFICATION SYSTEM BASED ON FACE RECOGNITION USING IOT	S.MURUGAVALU
	812116104023	K.SENTHAMIZH SELVI		

HOD Head of the Department

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K Jakhoh Kuman

HOD/CSE Head of the Department

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Ratch.	REGISTER NUMBER	STUDENTS NAME	TITLE OF THE PROJECT	Internal Guide
ı	812115104003	K.Dhivya K.B.Shrinithi	Smart Personal Security System based on foot water using microcontroller and OSM.	G Rajesti Kurner
2	.812115104009	A.Mohamed Hakkim S.Tamil Selvan	Allocation Cloud Data Center Using Live Migration of Virtual machine Using Cloud Data Center.	S.Murugavath
3	812115104007 812113104017	K.Maniyarasan S.M.Shabul Hameed	The next Revolution blog	S.Nayagan
4	812115104013 812115104024	M. Yogapriya	Code Tracker Lightweight Approach to track and protect SMS Messages Using Authorization Codes	D Saranya
.5	812115104020 812115104018		Secure Interoperation in the IOT Cloud,	S, Nandhini Devi
6		T.R.V. Nithish Kumar	Big Data Analysis for Framework Collections.	S.Nandhini Devi
7.	812113104005 812115104023	P. Karna S. Yasvaanth	Secure Communication by Data analysis in Online Transactions using Big Data.	R.Murugevalii
я	\$12115104008 \$12115104004	5.Mohamed Aznrudeen J.Karan	Efficient Content Delivery for automated cloud services on Edge data Models	F. Priyanka
	812115104004	[] Karan	Cata Models	

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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this report titled " SMART PERSONAL SECURITY SYSTEM BASED ON **FOOTWEAR** USING MICROCONTROLLER " is the bonafide work of "DHIVYA .K, SHRINITHI K.B" who carried out the project work under my supervision.

Mr. T.ASHOK M.E., HEAD OF THE DEPARTMENT

Computer Science & Engineering,

M.A.M School of Engineering,

Siruganur,

Trichirapalli-621 105

SIGNATURE

Mr.G.RAJESHKUMAR M.E.,

PROJECT GUIDE

Assistant Professor,

Computer Science & Engineering,

M.A.M School of Engineering,

Siruganur,

Trichirapalli-621 105.

Submitted the Project for Viva-voce examination held on 03-04-2019

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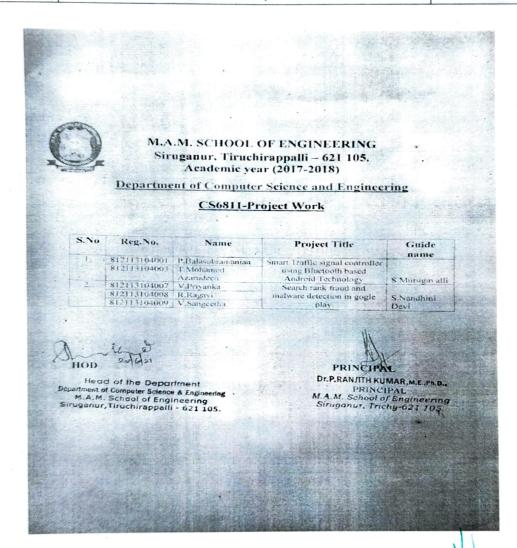


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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

This is to Certify that the project report "SMART TRAFFIC SIGNAL CONTROLLER USING BLUETOOTH BASED TECHNOLOGY" is the bonafide work of "P.BALASUBRAMANIAN (812114104001), T.MOHAMED AZARUDEEN (812114104003)" who carried out the project work under my supervision.

HEAD OF THE DEPARTMENT Associate Professor,

Dept. of Computer Science & Engg. M.A.M School of Engineering, Siruganur, Tiruchirappalli - 621 105.

Associate Professor Dept. of Computer Science & Engg,

M.A.M School of Engineering. Siruganur, Tiruchirappalli - 621 105.

Submission for the University Viva-Voce held on 19-04-2018

K-Sallish ku

Head of the Department

Department of Computer Science & Engineering M.A.M. S ... of of Engineering

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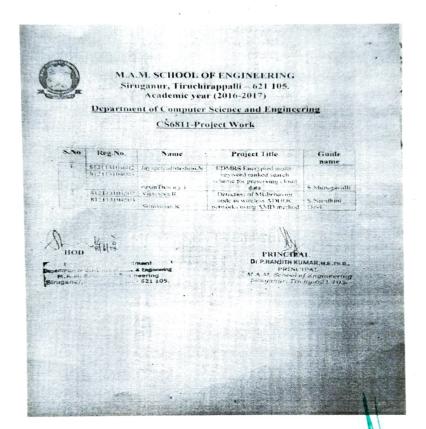
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BONAFIDE CERTIFICATE

Certified that this project report "DETECTION OF MISBEHAVIOR NODE IN WIRELESS ADHOC NETWORKS USING AMD METHOD" is the (812113104503)" who carried out the project work under my

HEAD OF THE DEPARTMENT

Department of Computer Science and Engineering

M.A.M School of Engineering

Tiruchirappalli-621105

M.A.M School of Engineering

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Submitted for the VIVA VOCE Examination held on 12.04.2017

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YEAR 2018-2019(JAN '19' -M

S.No.	Project Review	Description	Date	Hour	Remarks
1.	Zeroth	Area of Interest	28.12.2018	3,4	
2.	First Review	Title, Abstract	4.1.2019	3,4	
3.	Second Review	Literatue Review, Methodology	11.1.2019	5,6	
4.	Third Review	Experiments/Analysis/Model	18.1.2019	3,4	
S .	Fourth Review	Experiments/Analysis/Test Completion status	25.1.2019	5,6	
6.	Fifth Review	Results and Conclusion	1.2.2019	3,4	
7.	Project Report- Rough copy Submission	Submission of Rough Copy	15.2.2019	5,6	
₽.	Project Report-Fair Copy Submission	Submission of Fair Copy	1.3.2019	5,6	
9.	Model Review	Complete project	8.3.2019	1,2,3,4,5,5,7,8	







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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CS6811 - PROJECT WORK (Third Review)

Date: 15.2.2019

Batch.	REGISTER	STUDENTS NAME			MA	RKS			
No	NUMBER		TITLE OF THE PROJECT	PPT (10)	TC (15)	IMP (15)	VIVA	TOTAL (50)	TOTAL (100)
	812115104011	T.R.V.Nithish Kumar	Big data analysis for framework Collection	8	12	11	6	37	74
3	812115104012	S.Nixan		9	13	12	7	41	82
	812115104007	K.Maniyarasan			12	11		37	7.
4	812115104017	S.M.Shahul Harneed	The next revolution blog		12	12	0	37 41	82

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CS6811 - PROJECT WORK (Third Review)

Date: 15.2.2019

_					MA	RKS			
Batch. No	NUMBER		TITLE OF THE PROJECT	PPT (10)	TC (15)	IMP (15)	VIVA	TOTAL (50)	TOTAL (100)
	812115104003	K.Dhivya	Smart personal security system based on footware using microcontroller	9	13	12	7	41	82
1	812115104018	K.B.Srinithi	and GSM	8	12	10	6	36	72
	812115104022	S.Tamil Selvan	Resource allocation for cloud data	8	12	10	6	36	72
2	812115104009 A.Mohamed Ilakkim reachine	centre using live migration of virtual machine	9	13	12	7	41		

PROJECT GUIDE

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CS6811 - PROJECT WORK (Third Review)

Date: 15.2.2019

			H.		MA	RKS	.,		f .
No No	REGISTER NUMBER	STUDENTS NAME	TITLE OF THE PROJECT	PPT (10)	TC (15)	IMP (15)	VIVA (10)	TOTAL (50)	TOTAL (100)
	812115104013	S.Noornisha	Lightweight Approach to track and protect authorization codes in SMS 8	8	12	11	5	36	72
	812115104024	M.Yogapriya		8	10	10	7	35	70
5	812115104020	M.Sivagandhi	Messages	8	12	11	5	36	72
	812115104008	S.Mohamed Azarudeen	Efficient Content delivery for automated cloud service and edge	8	10	10	7	35	70
6	812115104004	J.Karan	data model	8	12	11	5	36	72

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CS6811 - PROJECT WORK (Mock Viva)

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Batch	REGISTER	STUDENTS	TITLE OF THE PROJECT			*	ask5			
No	NUMBER	NAME	THE OF THE TROOPER	Guide Name	30	- EX	74	378.4	100	9695, No. 2980
	812115104003	K.Dhivya	Smart Personal Security System		. 3			,	4'	27
ı	812115104018	K.B.Shrinithi	based on footware using microcontroller and GSM.	G.Rajesh Kumar		n Jane		-	~	91
***************************************	812115104009	A.Mohamed Hakkim	Allocation Cloud Data Center	S.Managaratik	ج	6	n	λO	3=	=,
2	812115104022	S.Tamil Selvan	Using Live Migration of Virtual S. machine.	Salaragaran	S	۱۰ ۵	59	10	37.	=_
	\$12115104007	K.Maniyarasan	The next Revolution blog	C X	3	12	73	a	-3	5.2
3	812415104017	S.M.Shahul Hameed		2 / Timber	4	2	. 3	*	. t	٠
	812115104013	S.Noomisha	Code Tracker Lightweight					3	•	3.5
4	812115104024	M.Yogapriya	Amenda to much and poster	D.Saranya					-5	×
	812115104020	M.Sivagandhi			3	,	Average of the State of		*.	₹.

	812115104018	S.Sharmela	Secure Interoperation in the	S.Nandhini Devi	3	12	13	9	4	32-
5	812115104010		IOT Cloud.	S.Nandnini Devi	3	12	13	9	14	82
	\$12115104011	T.R.V. Nithish Kumar	Big Data Analysis for	S.Nandhini Devi	3	12	13	٩	41	32
6	\$12115104012	S.Nixan	Framework Collections.		8	12	13	٩	41	85
-	\$12115104005	P.Karna	Secure Communication by	S.Murugavalli	3	13	14	コ	12	84
7	812115104023	S. Yasvaanth	Data analysis in Online Transactions using Big Data.	S.Mulugavani	8	14	14	19	45	90
	812115104008	S.Mohamed	Efficient Content Delivery for	C Deiverbe	8	1.2	13	21	40	80
8	812115104004	Azarudeen J.Karan	automated cloud services on Edge data Models.	E.Priyanka	8	12,	13	1	40	80

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CS6811 - PROJECT WORK: (Mock Viva)

Date: 27.03.2019

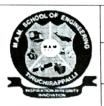
Batch No	REGISTER NUMBER	STUDENTS NAME	TITLE OF THE PROJECT		************	MAI	RKS			-
	812115104003	L' DL:	Approximate the state of the st	Guide Name	PP1 (10)	rc 05)	15tr (15)	VIVA	TOTAL	TOTAL
1		K.Dhivya	Smart Personal Security System		8	12	11	5	26	72
	812115104018	K.B.Shrinithi	based on footware using microcontroller and GSM.	G.Rajesh Kumar	R	American Transport		<u> </u>		1
	812115104009	A.Mohamed	The state of the s		8	12	U	>	36	72
2		Hakkim	Allocation Cloud Data Center Using Live Migration of Virtual		9	13	13	&	43	86
	\$12115104022	S.Tamil Selvan	machine. Top Choop DATA	S.Murugavalli	α.	10				
	812115104007	2115104007 K.Maniyarasan		&-	10	ID	7	35	70	
3		S.M.Shahul	The next Revolution blog	S.Nayagan	8	12	10	5	35	₹C
Marian Maria	812115104017	Hameed			a					-
	812115104013	S.Noomisha	The second secon	No.	7	13	12	7	41	81
	812115104024	M.Yogapriya	Code Tracker Lightweight		8	12	11	6	37	74
٠.		w. togapriya	Approach to track and protect SMS Messages Using	D.Saranya	7	11	11	6	35	Þρ
	812115104020	M.Sivagandhi	Authorization Codes.		8	10	11	5	·	68

	1		,		600	(15)	(15)	(to)	(30)	(tow)
5	\$12115104018	S _c Sharmela	Secure Interoperation in the	The second of the second	*	12	10	6		
	812115104010	F.A.Monica Selex	IOT Cloud.	S.Nandhini Devi					35	10
	812115104011	T.R.V. Nithish	Maryandar American		7	13	12	7	41	82
6	Control Company	Kumar	Big Data Analysis for	C Maria Militaria	8	12	10	5	34	40
	812 115104012	S.Nixun	Framework Collections. S.Nandhini D.	S.Nandhini Devi	-	TO THE PERSON NAMED IN				
	#12115104005	P.Karna	Secure Communication by	and the second s	R	12	10	6	36	72
7	812115104023		Data analysis in Online	S.Murugavalli	8	12	10	b	16	12
	•12113104023	S.Yasvaanth	Transactions using Big Data.	o, wan ugavani	9	13	12	7	1,1	82
	\$12115104008	S.Mohamed Azarudeen	Efficient Content Delivery for	West Street Art Land Street Street Street Street		-	-		-11	# 2.
	812115104004	J.Karan	automated cloud services on	E.Priyanka	9	12	12	7	40	80
	1 2727737744074	J.Karan Edge data Models.	Edge data Models.	1	2	11	/1	6	3.7	74









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CASE STUDY ON IPR - SAMPLE MATERIAL



The Utilitarian Basis of IP

Copyright
Creative Works of Expression

Patents
Inventions and Innovation



Pat. No.

Trademarks

Lower consumer search costs Investments in product quality

 TM



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Patents PRO CON Expensive and time-Strongly enforceable, fairly broad rights consuming to obtain · (Relatively) clear rights Enforcement can be costly. allows easy transactions time-consuming Can protect investments Screening process means in innovation obtaining rights is not certain Term may not be long enough to recoup investments

PRO	CON
Relatively easy to obtain	(Relatively) narrow rights
 Can protect investments 	Enforcement can be costly
in branding, product	but less so than patents
quality	Screening process means
Good at protecting	obtaining rights is not certai
against "knock offs"	
	基础设计划,通过的设计



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PRO	CON
Very easy to obtain	Quite narrow rights -
Good at protecting	important defenses
creative work,	Enforcement can be costly-
entertainment	but less so than patents
Good at protecting	
against exact copying	Francisco de la companya de la comp

	Length of protection	Expense to Obtain	Breadth of Rights	Type of Coverage
Patents		\$\$\$	+++	Broad (inventions)
Tradem arks	+++	\$\$	+	Narrow (marks)
Copyrights	+++	\$		Very Narrow (works)



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Del HC Allows Natco to Export Bayer's Nexavar under the Bolar Exemption



In a significant development today, Justice Endlaw of the Delhi High Court held that 'export' of a patented invention for experimental purposes is also covered under Section 107A of the Patents Act, 1970 (India's Bolar exemption) and thus does not amount to patent infringement. It accordingly allowed Natco to export Bayer's patented drug 'SorafenibTosylate' (for which it was granted a compulsory license in 2012) to China for the purpose of conducting development/ clinical studies and trials. It rejected Bayer's contention that such export was in violation of the terms of the compulsory license noting that the license condition for making, sale and use of the drug within the territory of India was limited to the purpose of treating HCC and RCC in humans and did not extend to the purpose of obtaining regulatory approvals which is exempted under Section 107A.

Earlier, in 2014, upon Bayer's application, the court had granted an interim order directing the Customs Authorities to ensure that Natco does not export more than 15 gm of 'SorafenibTosylate' for the purpose of obtaining regulatory approvals. Later, Natco was permitted to export 1 kg of the drug for this purpose.



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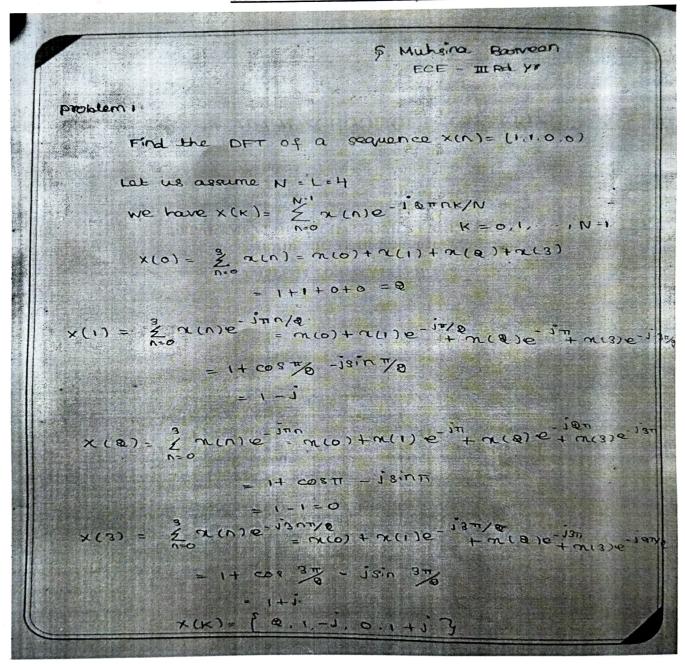
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DEPARTMENT OF MECHATRONICS ENGINEERING ACADEMIC YEAR 2020-2021

SAMPLE TUTORIAL MATERIALS





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White the Hole of sequence of
$$x(n) = \{0, 0, \mu, 0\}$$
 $x(n) = \{0, 0, \mu, 0\}$
 $x(n) = \{0, \mu, 0\}$



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$$2(a) = \frac{3}{2} \qquad 2(n) e^{-j\frac{\pi}{2}\pi \times a \times n} \frac{4\pi}{4\pi}$$

$$= 2(a)e^{0} + 2(i)e^{-j\pi n}$$

$$= 2(a)e^{0} + 2(i)e^{-j\pi} + a + 2(a)e^{-2\pi j} + 2(a)e^{-3\pi j}$$

$$= 2(a)e^{0} + 2(i)e^{-j\pi} + a + 0.$$

$$= 1\times i + 1 \times e^{-j\pi}$$

$$= (i + (-1) \cdot j \times 0)$$

$$= 0.$$

$$2(a) = \frac{3}{2} \qquad 2(n)e^{-j\frac{\pi}{2}\pi} \times 3\times n$$

$$= \frac{3}{2} \qquad 2(n)e^{-j\frac{\pi}{2}\pi} \times 3\times n$$

$$= \frac{3}{2} \qquad 2(n)e^{-j\frac{\pi}{2}\pi} \times 3\times n$$

$$= 2(a)e^{-j\frac{\pi}{2}\pi} \times 2(a)e^{-j\frac{\pi}{2}\pi$$



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Impulse invariance Method	· · · · · · · · · · · · · · · · · · ·	(FCE)
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€ 2 × €	18 = (St2)	2, 3
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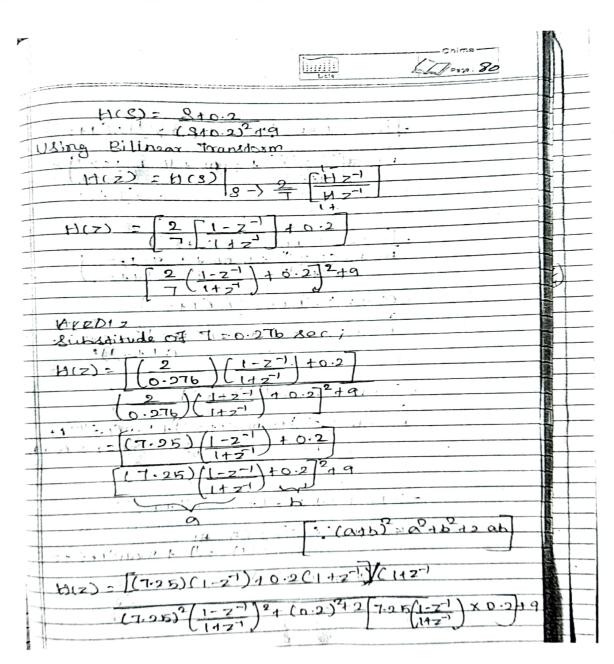
H(z): $\frac{9}{1-e^2z^{-1}}$ $\frac{2}{1-e^2z^{-1}}$ $\frac{3}{1-0.3678z^{-1}}$ $\frac{2}{1-0.1353z^{-1}}$ $\frac{2}{1-0.3678z^{-1}}$ $\frac{2}{1-0.1353z^{-1}}$ $\frac{2}{1-0.603z^{-1}}$ $\frac{2}{1-0.603z^{-1}}$ $\frac{1-0.603z^{-1}}$	y'	Data:	hima_
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$= 2(1-0.1353 z^{-1}) - 2(1-0.3578z^{-1})$ $= 2(1-0.1353 z^{-1}) - 2(1-0.3578z^{-1})$ $= 1-0.503z^{-1} + 0.04975z^{-1}$ $= 1-0.503z^{-1} + 0.$			4
#(z) = 0.4652-1 1-0.5032-1+0.040752 (2) Using Bilinear Frankformation: H(s) = 8+0.2 (S+0.2)-49 San: (Rivan: H(s) = 8+0.2	Jan	1-0.36782 1-0.18532	250
#(z) = 0.4652-1 1-0.5032-1+0.040752 (2) Using Bilinear Frankformation: H(s) = 8+0.2 (S+0.2)-49 San: (Rivan: H(s) = 8+0.2	~	11 0 (, , , , , , , , , , , , , , , , , ,	194
#(z) = 0.4652-1 1-0.5032-1+0.040752 (2) Using Bilinear Frankformation: H(s) = 8+0.2 (S+0.2)-49 San: (Rivan: H(s) = 8+0.2		= 2(1-0.1353 27) - 2(1-0.366 2)	
1-0.5032 + 10.0 µa762 (2) Using Ritinear Frankformation: H(S) = 810.2 (S10-2) + 9 Usivan: H(S) = 810.2		1-0.6037-1 7.0.049.16.2	
1-0.5032 + 10.0 µa762 (2) Using Ritinear Frankformation: H(S) = 810.2 (S10-2) + 9 Usivan: H(S) = 810.2	2.00	11/4 2	200
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Whing Bilinear Frankformation: H(S) = 8t0.2 (St0-2) 2t9 Utivan: H(S) = 8t0.2		1-0.5032 to.04a762	20
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$\frac{\text{Hcs}) = 8t0.2}{\text{Cst0-2}}$ Soln: $\frac{\text{Hcs}) = 8t0.2}{\text{Hcs}}$	(3)	Using Rilings the Assessing	N/AI
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Sdn: (St0-2) ² +9 (Tivon: H(S) = 8+0-2		tics) = 8t0.2	
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3 [10] 360		3 1.0766	5,87
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,	52.54 (1-2-1)2 + 0:04 + 14.5 (1-2-1)	e
	(1121)2 0.27 t9	
	1	
	= 7.45 - 7.052-1 / C1+2-1)	
-	52.56/(1-2-1)2 + 9.04 + 2.9/1-2-1	
-	$((1+2^{-1})^2$	
	- (7145) -7-052-1 (C142)	****
	2 5/12 + 0 - 1 (11 5/12 + 0 5)	المراكات ا
-	52.56 (1-2')2+9.04 (1+2')2+2.9(C1+2-1)2	1=2)(112)
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	1 1 201) (11 -011	
	= (125-7.05=1) (1+27)	
'	012	
7.	59.56 (1-2-1)+9-04 (1+2-1)+ 2.9(1-2)	
7	(a-b) (a+b) (a-b)	(9+b)
		1886
-	= 7.45 + 7.47 - 7.05 5 - 7.05 2	
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	2(1) (2) 7 9.04(1+2	722
	1) 9 (1-2-2)	
7		1111
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