MOHAMED SATHAK A J COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)

Siruseri IT Park, Egattur, Chennai - 603 103

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2.3.1

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PRINCIPAL

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING

Gandhi Road (OMR), Siruseri, IT Park

Chennai-603 103.

Mohamad Sathak A.J College of Engineering

Egattur, Chennai - 603 103
(Approved by AICTE & Affiliated to Anna University, Chennai)
An ISO 9001:2008 Certified Institution

RECORD OF CLASS WORK (LAB)

Academic Year: 2019 -2020

Semester commencement: 16.12.2019

Semester last working day: 27.03.2020

Name of the Faculty : T. ARCHANA

Designation : AP

Department : IT

Lab Code & Name : CS - 8481 - Database Management Lab

Semester : IV

Degree & Branch : B.TECH : IT
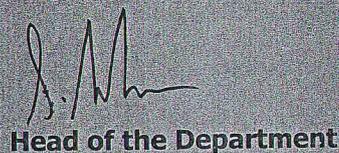
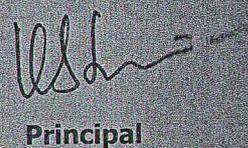| S.no	LIST OF EXPERIMENTS
1a	DATA DEFINITION COMMENT
1.b	DATA MANIPULATION AND TRANSACTION CONTROL STATEMENTS
2	DATABASE QUERYING – SIMPLE QUERIES, NESTED QUERIES, SUB QUERIES AND JOINS
3.	VIEWS, SEQUENCES, SYNONYMS
4	DATABASE PROGRAMMING: IMPLICIT AND EXPLICIT CURSORS
5	PROCEDURES AND FUNCTIONS
6	TRIGGERS
7	EXCEPTION HANDLING
8	DATABASE DESIGN USING ER MODELING, NORMALIZATION AND IMPLEMENTATION FOR ANYAPPLICATION
9	DATABASE CONNECTIVITY WITH FRONT END TOOLS SYSTEM
CONTENT BEYOND THE SYLLABUS	
10	CASE STUDY USING REALLIFE DATABASE APPLICATIONS PASSPORT AUTOMATION
11	CASE STUDY USING REAL LIFE DATABASE APPLICATIONS ON RAILWAY RESERVATION
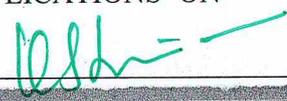
PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Sirusen, IT Park
Chennai-603 103.

Certified that this record book is completed in all respects and this may be recorded.

Faculty   Head of the Department   Principal

ATTENDANCE

Roll No.	Register No.	Name	Month	December						Jan-20			
			Date	18	18	26	26	30	30	8	8	11	11
			Period	7	8	7	8	7	8	7	8	7	8
1.	311818205001	Abdul Rahuman		/	/	/	/	/	/	/	/	/	/
2.	5002	AKtheor Ilyas		/	/	/	/	/	/	/	/	A	A
3.	5003	Farvej Mohamed		/	/	/	/	A	A	/	/	/	/
4.	5004	Fouzia		/	/	/	/	A	A	/	/	/	/
5.	5005	Humaria		/	/	/	/	/	/	/	/	/	/
6.	5006	Joshitha		A	A	/	/	/	/	/	/	/	/
7.	5007	Mohamod Hizam		/	/	/	/	/	/	/	/	/	/
8.	5008	Mohamed Imran		/	/	/	/	/	/	/	/	/	/
9.	5009	Mohamed Sulthan		/	/	/	/	/	/	/	/	/	/
10.	5010	Mohamod Thasan sadia		/	/	/	/	/	/	/	/	/	/
11.	5301	Rizwan Ahmed		A	A	/	/	/	/	/	/	/	/
12.	5011	Safwaan Abdul Razack		/	/	/	/	/	/	A	A	/	/
13.	5012	Shamsudeon		/	/	/	/	/	/	/	/	/	/
No. of Absentees				2	2			2	2	1	1	1	1
Initial of the Faculty													

	Jan-20				Feb								March																	
	22	22	29	29	5	5	12	12	19	19	26	26	4	4	5	5	6	6	11	11	12	12	13	13	18	18	19	19	20	20
	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8	7	8
1	/	/	A	A	/	/	A	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A	A	/	/	/	/	/	/
2	/	/	A	A	A	A	A	A	A	A	/	/	/	/	/	/	A	A	/	/	/	/	/	/	/	/	/	/	/	/
3	/	/	/	/	/	/	09	09	A	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
4	/	/	A	A	/	/	09	09	A	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A	A	/	/
5	/	/	A	A	/	/	09	09	A	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	A	A	/	/	/	/
6	/	/	A	A	/	/	09	09	A	A	/	/	/	/	A	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	/	/	A	A	/	/	09	09	/	/	/	/	A	A	/	/	/	/	/	/	/	/	A	A	/	/	/	/	/	/
8	A	A	A	A	/	/	09	09	/	/	/	/	A	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	/	/	/	/	/	/	09	09	/	/	A	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	/	/	A	A	/	/	09	09	/	/	/	/	A	A	/	/	/	/	/	/	/	/	/	/	/	/	1	/	A	A
11	/	/	A	A	/	/	09	09	/	/	/	/	/	/	/	/	A	A	/	/	/	/	/	/	/	/	/	/	/	/
12	/	/	A	A	/	/	09	09	A	A	/	/	A	A	/	/	/	/	A	A	/	/	/	/	/	/	/	/	/	/
13	A	A	/	/	/	/	09	09	A	A	/	/	A	A	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/

| | 2 | 2 | 10 | 10 | 1 | 1 | 2 | 2 | 7 | 7 | 1 | 1 | 4 | 4 | 1 | 1 | 2 | 2 | 1 | | | | | | | | | | | |

ATTENDANCE

Roll No.	Register No.	Name	Month	March												
			Date	23	23	24	24									
			Period	7	8	7	8									
1.	311818205001	Abdul Rahuman		/	/	/	/									
2.	5002	Akthoor Ilyas		/	/	A	A									
3.	5003	Farvej Mohamed		/	/	/	/									
4.	5004	Fouzia		/	/	/	/									
5.	5005	Humaria		/	/	/	/									
6.	5006	Joshitha		/	/	/	/									
7.	5007	Mohamed Hizam		/	/	/	/									
8.	5008	Mohamed Imran		A	A	/	/									
9.	5009	Mohamed Sultan		/	/	/	/									
10.	5010	Mohamed Ihasan Sadiq		/	/	A	A									
11.	5301	Rizwan Ahmed		/	/	/	/									
12	5011	Safwaan Abdul Razack	A	A	/	/										
13.	5012	Shamsudeen		/	/	/	/									
No. of Absentees				2	2	2	2									
Initial of the Faculty																

RESULT ANALYSIS

Analysis	Model Exam	University Exam
No. of students scored 91% -100% (S – Grade)	2	13
No. of students scored 81% -90% (A – Grade)	6	—
No. of students scored 71% -80% (B – Grade)	5	—
No. of students scored 61% -70% (C – Grade)	—	—
No. of students scored 57% -60% (D – Grade)	—	—
No. of students scored 50% -56% (E – Grade)	—	—
No. of students failed (Less than 50%) (U – Grade)	—	—
Total No. of students	13	13
No. of students appeared	13	13
No. of students passed	13	13
Pass Percentage	100%	100%
Signature of the Faculty		
Signature of HOD		
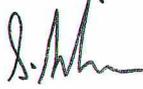
Register No. of students failed in University Exam (if any):

No students failed in the Exam

FACULTY TIME TABLE

Period Day	1 08.00 - 08.50	2 08.50 - 09.40	T E A B R E A K	3 09.50 - 10.40	4 10.40 - 11.30	5 11.30 - 12.20	L U N C H B R E A K	6 01.10 - 02.00	7 02.00 - 02.50	8 02.50 - 03.40
Mon										
Tue										
Wed									←CS-8481→	
Thu										
Fri										

CS8481   DATABASE MANAGEMENT SYSTEMS LABORATORY   L T P C
                                                                  0 0 4 2

AIM:

The aim of this laboratory is to inculcate the abilities of applying the principles of the database management systems. This course aims to prepare the students for projects where a proper implementation of databases will be required.

OBJECTIVES:
- To understand data definitions and data manipulation commands
- To learn the use of nested and join queries
- To understand functions, procedures and procedural extensions of data bases
- To be familiar with the use of a front end tool
- To understand design and implementation of typical database applications

1. Data Definition Commands, Data Manipulation Commands for inserting, deleting, updating and retrieving Tables and Transaction Control statements
2. Database Querying – Simple queries, Nested queries, Sub queries and Joins
3. Views, Sequences, Synonyms
4. Database Programming: Implicit and Explicit Cursors
5. Procedures and Functions
6. Triggers
7. Exception Handling
8. Database Design using ER modeling, normalization and Implementation for any application
9. Database Connectivity with Front End Tools
10. Case Study using real life database applications

TOTAL: 60 PERIODS

OUTCOMES:
Upon completion of the course, the students will be able to:
- Use typical data definitions and manipulation commands.
- Design applications to test Nested and Join Queries
- Implement simple applications that use Views
- Implement applications that require a Front-end Tool
- Critically analyze the use of Tables, Views, Functions and Procedures

MOHAMED SATHAK A J COLLEGE OF ENGINEERING
Chennai 603 103

Department of Information Technology

INDUSTRIAL VISIT

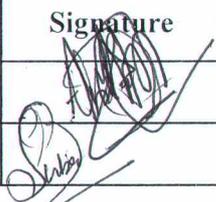| S.No	Academic Year	Date	Industry name	Total Number of Students
1	2019-2020	06.08.2019	Sathish Dhawan Space Centre (ISRO-Sriharikota)	24
2	2018-2019	06.02.2019	M S Swaminathan Research Foundation, Chennai	18
3	2018-2019	15.02.2019	National Atmospheric Research Laboratory	24

Faculty in charge
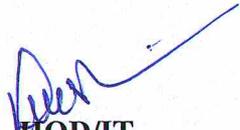
HOD/IT

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Chennai-603 103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

EXTERNAL EVENT* PARTICIPATION

Department	Information Technology	Academic Year	2019-2020
Year / Semester	II	Date (s) of Event	19.04.2022
Total strength of the class	7	No. of Students Participating	Boys:7 Girls:0
Departure time	9.00 PM	Arrival time	11.30 PM

Name of the Organization / Location with Address	Sathish Dhawan Space Center (ISRO-Sriharikota)
Contact person	Mr.Vishwsanatha Sharma
Contact email ID & Phone number	ppo@shar.gov.in
Accompanying staff	Mr.Moideen Abdul Kadhar , Mrs.Subapriya
Designation	Assistant Professor
Contact number	9841635552, 9551600000
Transport required if any	Yes
Pickup point & Time	MSAJCE
Food required if any (For Hostellers)	Yes
Budget required	Yes

Enclosure:

Documents	YES/NO
Permission Letter	Yes
Students Name List	Yes
Detail of Scheduled visit	Yes
Reservation Details/Tickets	College Bus
Boarding & Lodging Details	Yes
Consent form – From Parent's & Student	No

*Industrial Visit / NSS / Sports / UBA / State & National Competition / Camp

Sign of the Coordinator

Sign of the HoD / Head-Student Affairs with date

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Chennai-603 103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

REPORT ON INDUSTRIAL VISIT

Department of Information Technology

Name of the Industry	Sathish Dhawan Space Centre (ISRO-Sriharikota)
Date of Visit	06-08-2019
Contact Person	Mr.Vishwanatha Sharma
Target Audience and No of Students Participated	Students & 24

Brief note about the Visit / Curriculum gap addressed : We went for an Industrial visit to Sathish Dhawan Space Centre (ISRO-Sriharikota)
They presented a video
...ssion about overview of ISRO and its organization. Visited Data Transmission
...aboratory and Communication Systems.

Benefit and Knowledge Gained : Learned about how Data Transmission take place.

Relevance with Academic : Students Learned about basic concepts like data trasmission and long distance communicationin space research.

Supporting Document Required :   1. Communication letters
                                  2.Students Report
                                  3.Photo

Faculty In-charge

Sign of the HoD with date

Format no.: PLA 11   Rev.No: 1.0   Rev.Date: 04.01.21

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

CONSENT FORM – INDUSTRIAL VISIT / TOUR

Undertaking Letter from Accompanying Staff/Faculty - Industrial Visits/Tour

• I/we will take care of the students participating in the tour
• I/We will ensure that the students will abide by rule and regulations of MSAJCE and also the Institution/Organization/Company/industry or the local authority of the place to which such tour is undertaken.
• I/We hereby state that all the parents/guardians of the students concerned are informed of their official trip well in advance and obtained their consent.
• I/We liable for disciplinary action if it is found that the safety of students is compromised in any manner during the tour.
• Students will not be taken or allowed to mountain areas, rivers, canals, beaches, water parks, reservoirs forest areas, etc and I/We are personally liable and answerable for any such untoward incident taking place during the tou I/We shall ensure that if any activities are necessary in and around water bodies such as boating, swimming, ┗○┘ng, and sailing, must be carried out under the supervision of a trainer/life guard only.

S. No	Name of the Faculty/Staff	Design. & Dept.	Mobile No	Alternative No	Signature
1	Mr.Moideen Abdul Kadhar	Assistant Professor/IT	9841635552		
2	Mrs.V.Subapriya	Assistant Professor/IT	9551603597		

Approved / Not Approved

Si   of the HoD with date

Head-Student Affair

Format No.: PLA 12   Rev.No.: 01   Rev.Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

EXTERNAL EVENT* PARTICIPATION

Department	Information Technology	Academic Year	2018-2019
Year / Semester	II,III	Date (s) of Event	06-02-2019
Total strength of the class	18	No. of Students Participating	Boys:15 Girls:03
Departure time	9.30 AM	Arrival time	4.30 PM

Name of the Organization / Location with Address	M S Swaminathan Research Foundation,Chennai
Contact person	Mr.Kannappan
Contact email ID & Phone number	kannappan@mssrf.res.in
Accompanying staff	Mr.Ahsan Shariff
Designation	Assistant Professor
Contact number	9840948078
Transport required if any	Yes
Pickup point & Time	MSAJCE
Food required if any (For Hostellers)	Yes
Budget required	Yes

Enclosure:

Documents	YES/NO
Permission Letter	Yes
Students Name List	Yes
Detail of Scheduled visit	Yes
Reservation Details/Tickets	College Bus
Boarding & Lodging Details	Yes
Consent form – From Parent's & Student	NO

*Industrial Visit / NSS / Sports / UBA / State & National Competition / Camp

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Sign of the Coordinator

Sign of the HoD / Head-Student Affairs with date

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

REPORT ON INDUSTRIAL VISIT

Department of Information Technology

Name of the Industry	M S Swaminathan Research Foundation, Chennai
Date of Visit	06-02-2019
Contact Person	Mr.Kannappan
Target Audience and No of Students Participated	Students & 18

Brief note about the Visit / Curriculum gap addressed : We went for an Industrialvisit to M S Swaminathan Research Foundation, Tharamani ,Chennai.   They presented a video session about overview of Research Ideas.   Visited Research Laboratory.

Benefit and Knowledge Gained : Learned about Research Thrust Areas

Relevance with Academic : Students Learned about how to get Research funded project.

Supporting Document Required : 1. Communication letters
2.Students Report
3.Photo

Faculty In-charge

Sign of the HoD with date

Format no.: PLA 11   Rev.No: 1.0   Rev.Date: 04.01.21

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MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

CONSENT FORM – INDUSTRIAL VISIT / TOUR

Undertaking Letter from Accompanying Staff/Faculty - Industrial Visits/Tour

• I/we will take care of the students participating in the tour
• I/We will ensure that the students will abide by rule and regulations of MSAJCE and also the Institution/Organization/Company/industry or the local authority of the place to which such tour is undertaken.
• I/We hereby state that all the parents/guardians of the students concerned are informed of their official trip well in advance and obtained their consent.
• I/We liable for disciplinary action if it is found that the safety of students is compromised in any manner during the tour.
• Students will not be taken or allowed to mountain areas, rivers, canals, beaches, water parks, reservoirs forest areas, etc and I/We are personally liable and answerable for any such untoward incident taking place during the tou   I/We shall ensure that if any activities are necessary in and around water bodies such as boating, swimming, r⚬ng, and sailing, must be carried out under the supervision of a trainer/life guard only.

S. No	Name of the Faculty/Staff	Design. & Dept.	Mobile No	Alternative No	Signature
1	Mr.Kannappan	Assistant Professor/IT	9578920860		

Approved / Not Approved

Sign of the HoD with date

Head-Student Affair

Format No.: PLA 12

Rev.No.: 01

Rev.Date: 04.01.21

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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

DEPARTMENT OF INFORMATION TECHNOLOGY

04-02-2019

To

The Principal,

Mohamed Sathak A.J College of Engineering.

Chennai- 603103

Respected Sir,

SUB: Industrial Visit- Reg.

We have arranged one day Foundation visit **M S Swaminathan Research Foundation, Chennai** for II year and III Year Students of strength 18 on **06-02-2019 – Thursday.**

I kindly request you to approve this Foundation visit and sanction the amount of **Rs 1900/.** Also I request you to arrange the transport facility on that day for the below given address. Please do the needful.

The details are below,

No. of students = 18*100 = 1800

No. of faculty =   1*100 = 100

TOTAL: Rs.1900/-

Schedule:

Departure from college: 9.30 am

Session 1: 11.00 am to 1.00 pm

Departure from Foundation: 2.30 pm

Institution Address:

M S Swaminathan Research Foundation,
3rd Cross street, Institutional Area,
Tharamani, Chennai – 600 113
Contact: 044 22541229.

PRINCIPAL
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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Industrial Visit Coordinator
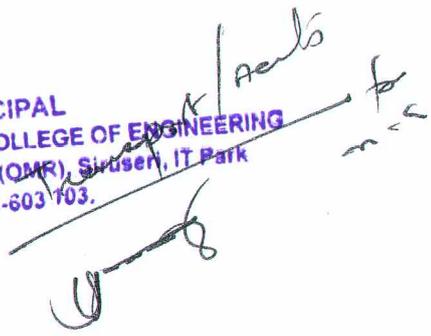
HOD

PRINCIPAL

MOHAMED SATHAK A.J COLLEGE OF ENGINEERING
EGATTUR
DEPARTMENT OF INFORMATION TECHNOLOGY
INDUSTRIAL VISIT – M S SWAMINATHAN RESEARCH FOUNDATION

Date: 06.02.19

STUDENTS NAME LIST

S.No.	Year	Student Id	Name	Signature
1.	II	311817205002	ADITHYA V	
2.	II	311817205003	KABILAN R	
3.	II	311817205004	MOHAMED HANAZ N	
4.	II	311817205005	PRAKASH R	
5.	II	311817205006	RANJITH T	
6.	II	311817205007	VIGNESH V	
7.	II	311817205008	VISHNU T	
8.	III	311816205001	AFRIN FATHIMA.M	
9.	III	311816205002	DEEWAN FEROZKHAN.A	
10.	III	311816205003	FARHEEN BEGUM.J	
11.	III	311816205004	P.C.HARIKRISHNAN	
12.	III	311816205005	MAHALAKHMI.P	
13.	III	311816205007	MOHAMED FAIZAL.A	
14.	III	311816205008	NOUFAL AHMED.N	
15.	III	311816205009	RAJA SURYA.A	
16.	III	311816205010	RAKESH.C	
17.	III	311816205011	SUHAIL RASHEED.S	
18.	III	311816205012	THIYAGARAJAN.R	

IV Coordinator 06/02/19

HOD/IT

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

DEPARTMENT OF INFORMATION TECHNOLOGY

06-02-2019

To

The Principal,

Mohamed Sathak A.J College of Engineering,

Chennai- 603103

Respected Sir,

SUB: Industrial Visit- Reg.

We have visited the one day Foundation visit on **M S Swaminathan Research Foundation, Chennai** for II year and III Year Students of strength 15 on **06-02-2019** – Wednesday.

I kindly request you to provide the amount of **Rs 1600/** for the above visit.

Please do the needful.

The details are below,

No. of students = 15*100 = 1500

No. of faculty =   1*100 = 100

TOTAL: Rs.1600/-

Industrial Visit Coordinator

HOD/IT

Gmail
by Google

M.AHSAN SHARIFF IT - Asst.Prof <it.ahsan@msajce-edu.in>

Industrial Visit Request - reg

M.AHSAN SHARIFF IT - Asst.Prof <it.ahsan@msajce-edu.in>
To: stvisits@narl.gov.in
Bcc: "A.Naresh Kumar HOD - IT" <ithod@msajce-edu.in>

Sat, Nov 3, 2018 at 2:00 PM

Dear sir/mam,
Greetings from Mohamed Sathak A J College of Engineering,
We herewith attached the formal request letter for National Atmospheric Research Laboratory (NARL)
Indsutrial visit along with the namelist. kindly do the needful.

--
M.AHSAN SHARIFF, M.Tech.,
Assistant Professor,
Department of Information Technology,
Mohamed Sathak A.J. College of Engineering,
IT Park, Siruseri, Old Mahabalipuram Road,
Chennai, Tamil Nadu 603103.
Ph: 9840948078
E-Mail: it.ahsan@msajce-edu.in

2 attachments
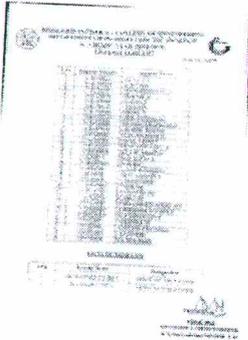
NARL_NAME LIST.jpg
157K

NARL_REQUEST LETTER.pdf
480K

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Gmail

Compose

Inbox   377
Starred
Snoozed
Sent
Drafts   9
More

M AHSAN SHA

No recent chats
Start a new one

3 of 1,602

On Fri, Dec 14, 2018 at 3:37 PM NARL Scientific-Technical Visits <stvisits@narl.gov.in> wrote
Sir,

As per our NARL student visit guidelines we are eligible to provide once in a six months for one college visit NARL.

As a part of this, Mohamed Sathak A J College of Engineering has been slotted on 15-02-2019 on morning session for 29 students with 2 faculty ("Mobile computing and Microprocessors & Micro controllers").
Thank you.

with regards,

Dr. V. Ravi Kiran

वैज्ञानिक अभियंता - एस ई : Scientist/Engineer-SE
अन्तरिक्ष विभाग : Department of Space
भारत सरकार : Government of India
राष्ट्रीय वायुमंडलीय अनुसंधान प्रयोगशाला
National Atmospheric Research Laboratory
गादंकी : Gadanki - 517 112
भारत : India

दूरभाष/PHONE : 0877 2500 541

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
#4, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

1-07-2018 10:34
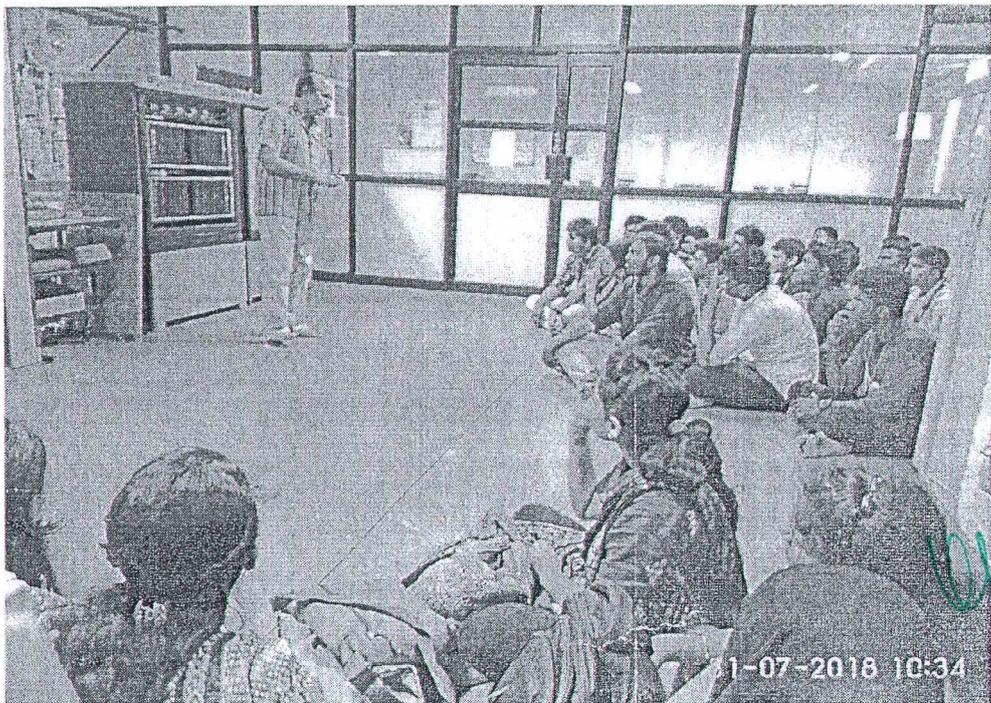
INDUSTRIAL VISIT – FEEDBACK

COMPANY NAME: BSNL

PLACE: Maraimalai Nagar

DATE: 31.7.2018

TIME SLOT: 10:30AM to 1:00 PM

YEAR/SEMESTER: II/III

Total No. of Students participated: 7

Faculty accompanied: Mr.M.Mohideen AbdulKader, AP/CSE.

Feedback:

BSNL RTTC (Regional Telecom Training Centre) are one of the best training centers of BSNL (Bharat Sanchar Nigam Limited), imparting training on Telecommunications, ICT & Skill development. Demo on latest telecom equipments was given by the experts of RTTC. Optical Fiber cable and its components and functionalities were well explained to the students. Last but not the least we visited the museum, where olden day's equipments were placed.

Overall Feedback: Good and useful visit.

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERI
Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Faculty Signature

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

EXTERNAL EVENT* PARTICIPATION

Department	Information Technology	Academic Year	2018-2019
Year / Semester	II,III,IV	Date (s) of Event	15-02-2019
Total strength of the class	24	No. of Students Participating	Boys:19 Girls:05
Departure time	5.30 AM	Arrival time	6.00 PM

Name of the Organization / Location with Address	National Atmospheric Research Laboratory
Contact person	Dr.V.Ravi Kiran
Contact email ID & Phone number	styisits@narl.gov.in
Accompanying staff	Mr.Ahsan Shariff,Mrs.V.Subapriya
Designation	Assistant Professor
Contact number	9840948078, 9551603597.
Transport required if any	Yes
Pickup point & Time	Hostel,CMBT
Food required if any (For Hostellers)	Yes
Budget required	Yes

Enclosure:

Documents	YES/NO
Permission Letter	Yes
Students Name List	Yes
Detail of Scheduled visit	Yes
Reservation Details/Tickets	College Bus
Boarding & Lodging Details	Yes
Consent form – From Parent's & Student	NO

*Industrial Visit / NSS / Sports / UBA / State & National Competition / Camp

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERIN
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Sign of the Coordinator

Sign of the HoD / Head-Student Affairs with date

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

REPORT ON INDUSTRIAL VISIT

Department of Information Technology

Name of the Industry	National Atmospheric Research Laboratory
Date of Visit	15-02-2019
Contact Person	Dr.V.Ravi Kiran
Target Audience and No of Students Participated	Students & 24

Brief note about the Visit / Curriculum gap addressed : We went for an Industrialvisit to National Atmospheric Research Laboratary (NARL), Gadanki, Andhra Pradesh   They presented a video session about overview of NARL and its organization.   Visited Raleigh Doppler Lidar and Radar Laboratory.

Benefit and Knowledge Gained : Learned about data storage, and how NARL send and receive data.

Relevance with Academic : Students Learned about High Performance Computers (HPC) and its applications in Atmospheric research.

Supporting Document Required : 1. Communication letters
2.Students Report
3.Photo

Faculty In-charge

Sign of the HoD with date

Format no.: PLA 11   Rev.No: 1.0   Rev.Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

CONSENT FORM – INDUSTRIAL VISIT / TOUR

Undertaking Letter from Accompanying Staff/Faculty - Industrial Visits/Tour

• I/we will take care of the students participating in the tour
• I/We will ensure that the students will abide by rule and regulations of MSAJCE and also the Institution/Organization/Company/industry or the local authority of the place to which such tour is undertaken.
• I/We hereby state that all the parents/guardians of the students concerned are informed of their official trip well in advance and obtained their consent.
• I/We liable for disciplinary action if it is found that the safety of students is compromised in any manner during the tour.
• Students will not be taken or allowed to mountain areas, rivers, canals, beaches, water parks, reservoirs forest areas, etc and I/We are personally liable and answerable for any such untoward incident taking place during the tour. I/We shall ensure that if any activities are necessary in and around water bodies such as boating, swimming, rowing, and sailing, must be carried out under the supervision of a trainer/life guard only.

S. No	Name of the Faculty/Staff	Design. & Dept.	Mobile No	Alternative No	Signature
1	Mr.Ahsan Shariff	Assistant Professor/IT	9840948078		
2	Mrs.V.Subapriya	Assistant Professor/IT	9551603597		V. Subha
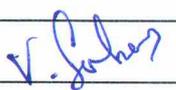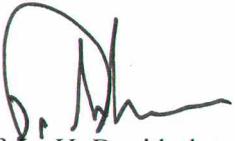
Approved / Not Approved

Sign of the HoD with date

Head-Student Affair

Format No.: PLA 12   Rev.No.: 01   Rev.Date: 04.01.21

MOHAMED SATHAK A.J COLLEGE OF ENGINEERING
DEPARTMENT OF INFORMATION TECHNOLOGY

<u>INDUSTRIAL VISIT – FEEDBACK</u>

COMPANY NAME : National Atmospheric Research Laboratory(NARL)

DATE OF VISIT : 15.2.2019

PLACE :Gadanki, Andra Pradesh

TIME SLOT : 11:00 AM – 12:30 PM

YEAR : II, III & IV Year

TOTAL NO. OF STUDENTS : 24

FACULTY ACCOMPANIED : Mrs.V.Subapriya,AP/IT & Mr.M.Ahsan Shariff ,AP/IT

We went for an Industrial visit to National Atmospheric Research Laboratory(NARL), Gadanki, Andra Pradesh.

General Observation:

- They presented a video session about overview of NARL and its origination.
- Visited Raleigh Doppler Lidar and Radar laboratory.

IT Perspectives:

- Visited vast data storage laboratory, from where datas are send for ISRO-SHAR.
- Explained in detail about High Performance Computers (HPC) and its applications in Atmospheric research.
- Explained the operations of Data tier, Clusters and Storage area networks.
- Shared knowledge about getting jobs at NARL.

Session was really helpful for the students.
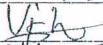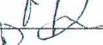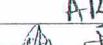
PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri IT Park
Chennai-603 103.

2. m. beef
Staff Signature 16/02/19

జాతీయ వాయుమండలీయ పరిశోధన ప్రయోగశాల (ఎన్ ఎ ఆర్ ఎల్)
అంతరిక్ష శాఖ, భారత ప్రభుత్వము, గాదంకి

राष्ट्रीय वायुमंडलीय अनुसंधान प्रयोगशाला (एन ए आर एल)
अंतरिक्ष विभाग, भारत सरकार, गादंकी

National Atmospheric Research Laboratory

0.04

Date: 16.02.2019

To

The Principal,
Mohamed Sathak A J College of Engineering,
Chennai – 603103.

Respected sir,

SUB: Reimbursement of Industrial visit expenses – reg

We have visited the organization 'National Atmospheric Research Laboratory (NARL)' on 15.02.2019, Gadanki, Andhrapradesh with the IT students.

Expenses details are as given below,

No. of students = 24 * 100 = 2400
No. of faculties = 2 * 100 = 200
Toll expenses (3) = 595
Driver's Beta   = 500

Total: Rs.3695

Amount received on 14.02.19 = Rs. 5600
Amount spent = Rs. 3695

Balance: Rs. 1905

(Rupees one thousand nine hundred and five only)

Encl: Toll Bill details

Industrial visit coordinator   HOD/IT   PRINCIPAL

MOHAMED SATHAK A.J COLLEGE OF ENGINEERING
EGATTUR
DEPARTMENT OF INFORMATION TECHNOLOGY
INDUSTRIAL VISIT – NATIONAL ATMOSPHERIC RESEARCH LABORATORY (NARL)

Date: 14.02.19

STUDENTS NAME LIST

S.No.	Year	Student Id	Name	Signature
1.	II	311817205002	ADITHYA V	
2.	II	311817205003	KABILAN R	AB
3.	II	311817205004	MOHAMED HANAZ N	
4.	II	311817205005	PRAKASH R	AB
5.	II	311817205006	RANJITH T	
6.	II	311817205007	VIGNESH V	AB
7.	II	311817205008	VISHNU T	
8.	III	311816205001	AFRIN FATHIMA.M	
9.	III	311816205002	DEEWAN FEROZKHAN.A	
10.	III	311816205003	FARHEEN BEGUM.J	
11.	III	311816205004	P.C.HARIKRISHNAN	
12.	III	311816205005	MAHALAKHMI.P	
13.	III	311816205007	MOHAMED FAIZAL.A	
14.	III	311816205008	NOUFAL AHMED.N	
15.	III	311816205009	RAJA SURYA.A	
16.	III	311816205010	RAKESH.C	
17.	III	311816205011	SUHAIL RASHEED.S	
18.	III	311816205012	THIYAGARAJAN.R	
19.	IV	311815205001	N.ABBASUDEEN	AB
20.	IV	311815205002	R.ABIRAMI	
21.	IV	311815205003	M.AEJAS BASHA	
22.	IV	311815205006	G.MAGESH	
23.	IV	311815205007	A.MOHAMMED ARBAZ ALI	
24.	IV	311815205009	A.MOHAMMED YAHIYA	
25.	IV	311815205010	S.SATHISH KUMAR	
26.	IV	311815205011	T.SIDDHARTH	
27.	IV	311815205012	A.M.SOFIYA FATHIMA	
28.	IV	311815205013	J.K.VIGNESH	
29.	IV	311815205301	G.ATHIYAMAN	

Industrial visit Coordinator

HOD

MOHAMED SATHAK
A J COLLEGE OF ENGINEERING
ISO: 9001:2008 CERTIFIED INSTITUTION
Sponsored By Mohamed Sathak Trust
(Approved by AICTE, New Delhi and affiliated to Anna University, Chennai)
34 Old Mahabalipuram Road SIPCOT-IT Highway
Egattur Chennai 603 103

DEPARTMENT OF INFORMATION TECHNOLOGY

09-02-2019

To

The Principal,

Mohamed Sathak A.J College of Engineering,

Chennai- 603103

Respected Sir,

SUB: Industrial Visit- Reg.

We have arranged one day Industrial visit on **National Atmospheric Research Laboratory,** Tirupathi for II, III and IV Year Students of strength 29 on **15-02-2019 – Friday.**

I kindly request you to approve this Industry visit and sanction the amount of **Rs 3,100/.** Also I request you to arrange the transport facility on that day for the below given address. Please do the needful.

The details are below,

No. of students = 29*100 = 2900

No. of faculty = 2*100 = 200

TOTAL: Rs.3,100/-

Entry fee   2500

Grand Total: 5600

Schedule:

Departure from college: 5.30 am

Session 1: 10.30 am to 12.00 noon

Departure from organization: 2.00 pm

Organization Address:

Department of Space
Government of India
National Atmospheric Research Laboratory,
Gadanki – 517 112,
India.

Industrial Visit Coordinator

HOD/IT

PRINCIPAL

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103

1. Name of the company visit.	NATIONAL ATMOSPHERIC RESEARCH LABORATORY	
2. Company Address.	Department of Space, Government of India, Gadanki – 517 112	
3. Date of visit (Friday only)	15.02.2019	
4. Number of Students visiting NARL.	29	
5. Number of Staff members visiting NARL.	02	

LS.No.	Name	Designation	Contact Number
1.	Mr.M.AHSAN SHARIFF	ASSISTANT PROFESSOR	9840948078
2.	Mrs.V.SUBAPRIYA	ASSISTANT PROFESSOR	9551603597
3.	Mr.Sathish	Driver	9677007583

List of Students

Course of Study: B Tech

Year of Study: II, III & IV

S.No.	Student Id	Name
1.	311817205002	ADITHYA V
2.	311817205003	KABILAN R
3.	311817205004	MOHAMED HANAZ N
4.	311817205005	PRAKASH R
5.	311817205006	RANJITH T
6.	311817205007	VIGNESH V
7.	311817205008	VISHNU T
8.	311816205001	AFRIN FATHIMA.M
9.	311816205002	DEEWAN FEROZKHAN.A
10.	311816205003	FARHEEN BEGUM.J
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13.	311816205007	MOHAMED FAIZAL.A
14.	311816205008	NOUFAL AHMED.N
15.	311816205009	RAJA SURYA.A
16.	311816205010	RAKESH.C
17.	311816205011	SUHAIL RASHEED.S
18.	311816205012	THIYAGARAJAN.R
19.	311815205001	N.ABBASUDEEN
20	311815205002	R.ABIRAMI
21.	311815205003	M.AEJAS BASHA
22.	311815205006	G.MAGESH
23.	311815205007	A.MOHAMMED ARBAZ ALI
24.	311815205009	A.MOHAMMED YAHIYA
25.	311815205010	S.SATHISH KUMAR
26.	311815205011	T.SIDDHARTH
27.	311815205012	A.M.SOFIYA FATHIMA
28.	311815205013	J.K.VIGNESH
29.	311815205301	G.ATHIYAMAN

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGI
34, Rajiv Gandhi Road (OMR), Siruseri, I'
Chennai-603 103.

NATIONAL ATMOSPHERIC RESEARCH LABORATORY

NARL

HOME   ABOUT US   SCIENTIFIC FACILITIES   RESOURCES   PUBLIC OUTREACH   WORK WITH NARL   DATA/EXPERIMENT   OTHERS

Details required for Entry Pass – click here for details format in MS-Word format.

Send the original letterhead and list of students and faculty by post to

'Director, NARL, Department of Space, Government of India, Gadanki-517112, Chittoor Dist, AP'.

(or)

'Director, NARL, Department of Space, Government of India, P O Box 123, S V Univ. Post office, Tirupati.-571502, Chittoor dist, AP. '

During the Students visit:

1. Our NARL campus is under video surveillance.

2. Electronic items are not allowed into the campus.

3. Lunch Snacks are being provided for the students groups on prior payment basis (by NEFT/RTGS etc..), by NARL Canteen Mar
Committee. Accommodation is not provided to the Students groups visiting NARL..

4. Research equipment requires dust free environment. Students may use lab shoes without laces for convenience.

NARL has the right to cancel or postpone the date of visit without prior notice or information.

Cooordualors,

0877 2500 581 → Dr. T. Rajendra Prasad

0877 2500 541 → Dr. V. Ravikiran

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

MOHAMED SATHAK A.J COLLEGE OF ENGINEERING
EGATTUR
DEPARTMENT OF INFORMATION TECHNOLOGY
INDUSTRIAL VISIT – NATIONAL ATMOSPHERIC RESEARCH LABORATORY (NARL)

Date: 14.02.19

STUDENTS NAME LIST

S.No.	Year	Student Id	Name
1.	II	311817205002	ADITHYA V
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7.	II	311817205008	VISHNU T
8.	III	311816205001	AFRIN FATHIMA.M
9.	III	311816205002	DEEWAN FEROZKHAN.A
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19.	IV	311815205001	N.ABBASUDEEN
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22.	IV	311815205006	G.MAGESH
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24.	IV	311815205009	A.MOHAMMED YAHIYA
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27.	IV	311815205012	A.M.SOFIYA FATHIMA
28.	IV	311815205013	J.K.VIGNESH
29.	IV	311815205301	G.ATHIYAMAN

Industrial visit Coordinator

HOD/IT

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENG
84, Rajiv Gandhi Road (OMR), Siruseri,
Chennai-603 103.

GMail
by Google

M.AHSAN SHARIFF IT - Asst.Prof <it.ahsan@msajce-edu.in>

Details for Entry Pass - reg

M.AHSAN SHARIFF IT - Asst.Prof <it.ahsan@msajce-edu.in>   Fri, Feb 1, 2019 at 2:36 PM
To: stvisits@narl.gov.in

Dear sir,
          PFA. The details for Entry pass as per norms.kindly let me know if anything is required from my
side.

Note: Need more clarifications reg,
1. lunch
2. resource person contact details

--
M.AHSAN SHARIFF, M.Tech.,
Assistant Professor,
Department of Information Technology,
Mohamed Sathak A.J. College of Engineering,
IT Park, Siruseri, Old Mahabalipuram Road,
Chennai, Tamil Nadu 603103.
Ph: 9840948078
E-Mail: it.ahsan@msajce-edu.in

📄 **MSAJCE_IT_STUDENTS NAMELIST.docx**
    19K

PRINCIPAL
 SATHAK A.J.COLLEGE OF ENGINEERING
 34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Gmail
by Google

M.AHSAN SHARIFF IT - Asst.Prof <it.ahsan@msajce-edu.in>

Details for Entry Pass - reg

NARL Scientific-Technical Visits <stvisits@narl.gov.in>   Tue, Feb 5, 2019 at 11:34 AM
To: "M.AHSAN SHARIFF IT - Asst.Prof" <it.ahsan@msajce-edu.in>

Dear sir,
1. 10:30am to 12:00 noon
2. No certificate issued
3. find it out on highway side hotels.
4. no need email conversation is enough
Thank you.

with regards,

Dr. V. Ravi Kiran

वैज्ञानिक अभियंता - एस ई : Scientist/Engineer-SE

अन्तरिक्ष विभाग : Department of Space

भारत सरकार : Government of India

राष्ट्रीय वायुमंडलीय अनुसंधान प्रयोगशाला
National Atmospheric Research Laboratory

गादंकी : Gadanki - 517 112

भारत : India

दूरभाष/PHONE : 0877 2500 541

[Quoted text hidden]

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103

REPORTS ON EVENTS

Department:	CSE&IT– MSAJCE Chennai
Type of Event:	INTERNATIONAL CONFERENCE
Event Title:	COMPUTATIONAL INTELLIGENCE AND APPLICATIONS
Date & Time:	17.07.2020
Venue / Mode(Platform):	Online Mode (Google meet)
Organizer:	Dr.B.Muthukumar HOD/CSE-MSAJCE Mr.S.SenthilPandi HOD/IT-MSAJCE
Coordinator(s):	Mrs.Kayalvizhi AP/IT-MSAJCE Mrs.J.Hebziba Elizabath AP/IT -MSAJCE
Details of Participants:	Around 200 Internal and External participants, students and faculty from various institutions.

Profile of the Chief Guest(s)	Name of the Guest Speaker	M.Narayan	Sujitha Chinnathambi
	Organization	IBM, Australia	Dedalus Healthcare GmbH, Trier, Germany
	Designation	Software Developer	Software Engineer
	Contact Number		
	E-mail ID	narayanaibm@gmail.com	

Write-up on Event	The Department of Computer Science and Engineering, Information Technology of MSAJCE, Chennai organized International Virtual Conference on "Computational Intelligence and Applications" 17/07/2020 through online mode (Google meet).The programme Commenced at 10.00 AM, with an welcome address and Introduction speech of the Chief guestMr. M.Narayana, Ms. Sujitha Chinnathambi by MrsJ.Hebziba Elizabath Dept-MSAJCE. The Chief guest Mr. M.Narayana, delivered his speech with an presentation on Information Technology and Computer Science and Engineering emerging and evergreen fields of engineering . If you compare the progress of last two decades, it is much more than last 100 years. As we all know our country can make progress only if the scientific and technocrats can utilizetheir knowledge for exploring newer fields of research and developments, especially in the field of Computational Intelligence. The Faculties and Students from various colleges around tamilnadu participated, during the session 200 participants actively participated. At the end of the session Mr.S.Senthilpandi, AP/IT Dept - MSAJCE delivered the vote of thanks.

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR). Siruseri IT Park
Chennai-603 103.

MOHAMED SATHAK AJ COLLEGE OF ENGINEERING
(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103

Photographs	 International Virtual Conference on Computational Intelligence and Applications (ICCIA 2020)- Poster Presentation of the speaker & Gathering of Participants
Feedback from the participants	Lalithadithyan: Nice Presentation Abirami:Excellent Presentation and need to conduct a longer session. NaveethBasha:Excellent Lecturer and very useful. Saranya:Good. M.Shalini: Very informative Session.

Prepared By :

Reviewed / Forwarded by:

Signature:
Name&
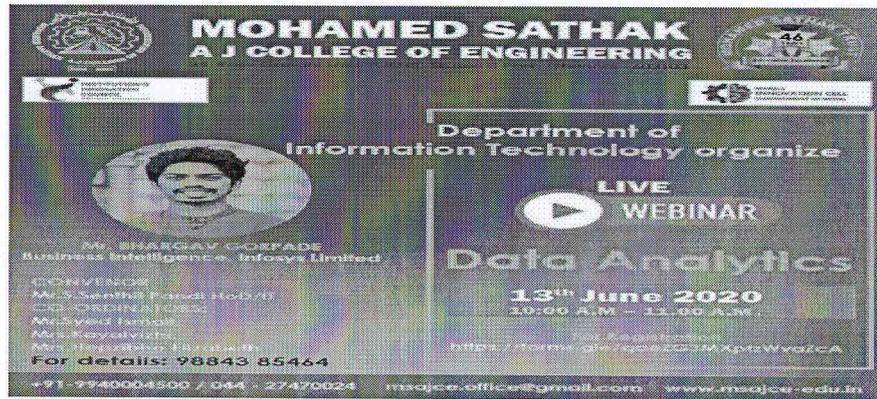Designation:

MrsJ.Hebziba Elizabath
AP/IT

S.Senthilpandi
AP/IT

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MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

DETAILS OF GUEST LECTURE AND SEMINARS

Department of Information Technology

S.No	Date	Topic of Guest Lecture / Seminar	Subject which is associated with the title of GL / Seminar	Faculty Coordinator	Duration	Resource Person Details	Target Audience	No. of participants Attended
1	18-Sep-18	Research opportunities in Aartificial Intelligence	Seminar	Mr.M.Ahsan Sheriff	1 day	Mr. Syed, Mobile Application developer, DoodleBlue Innovations	150	134
2	13/06/2020	Data Analytics	Webinar	Mr.Syed Ismail, Mrs. Kayalvizhi, Mrs. Hepzibha Elizabeth	1 day	Mr.Bhargav Gorpade, Business Intelligence, Infosys Limited	150	120
3	20-06-2020	Machine Learning and Image Processing	FDP	Mrs.Kayalvizhi	1 day	Dr.Ben Sujitha,Jeppiar Institute of Technology	120	107
4	26.06.2020	Recent Trends in Medical Image Processing	FDP	Mr. Syed Ismail, Ms. Kayalvizhi, Ms. Hepzibha Elizabeth	1 day	Dr.Senthilselvi, SRM University	300	291
5	21.12.2020	Computer Architecture	FDP	Mrs,T.Ainaya, Mr.M.Mohamed Sithik	3 days	Dr.Ben Sujitha,Mr.Mohamed Uveise,Mrs.C.Jeya Lakshmi Jeppiar Engineering College	150	120
6	18/05/2021	Insight into Deep Learning	Webinar	Mr. S. Senthil Pandi	1 day	Dr. B. Beni Sujitha, Professor, Dept of IT, Jeppiaar Institute of Tech	200	128

Documents Required

1. Communication & Confirmation Letter   2. Photos

3. Circulars   4. Students feedback & Report

5.Guest feedback about students involvement & Intercaion

Faculty Coordinator
Format No : TLP 25

Rev. No: 1.0

Sign of the HoD with date
Rev Date : 08.01.21

(D. WESLIN)

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Siruseri IT Park, Egattur, Chennai - 603 103

REPORT ON EVENTS

Department:	IT– MSAJCE Chennai
Type of Event:	WEBINAR
Event Title:	Data Analytics
Date & Time:	13-06-2020
Venue / Mode(Platform):	Online Mode (Google meet)
Organizer:	Mr.S.SenthilPandi HOD/IT-MSAJCE
Coordinator(s):	Mr.A.Syed Ismail AP/CSE-MSAJCE Mrs.Kayalvizhi AP/CSE-MSAJCE MrsJ.Hebziba Elizabath AP/CSE -MSAJCE
Details of Participants:	Around 150 Internal and External participants, students and faculty from various institutions.

Profile of the Chief Guest(s)	Name of the Guest Speaker	Mr.BhargavGorpade
	Organization	Infosys limited
	Designation	Business Intelligence
	Contact Number	9884385464
	E-mail ID	bhargavbi@gmail.com

Write-up on Event	The Department of Information Technology of MSAJCE, Chennai organized one day webinar in the topic "Data Analytics"on 13/06/2020 through online mode(Google meet).The programme Commenced at10 AM-11AM, with an welcome address and Introduction speech of the Chief guest Dr.C.Ram Kumar, B.E., M.E.,Ph.D,by Mrs.J.Hebziba Elizabath Dept-MSAJCE. The Chiefguest Mr.Bhargav Gorpade,Business Intelligence Infosys limited India, delivered hisspeech with an presentation on real time examples and also explained with pictorization to sharpen our minds by the Data Analytics concept. The Faculties and Students from various colleges around tamilnadu participated, during the session 150 participants actively participated. At the end of the session Mrs.T.Abinaya,AP/IT- MSAJCE delivered the vote of thanks.
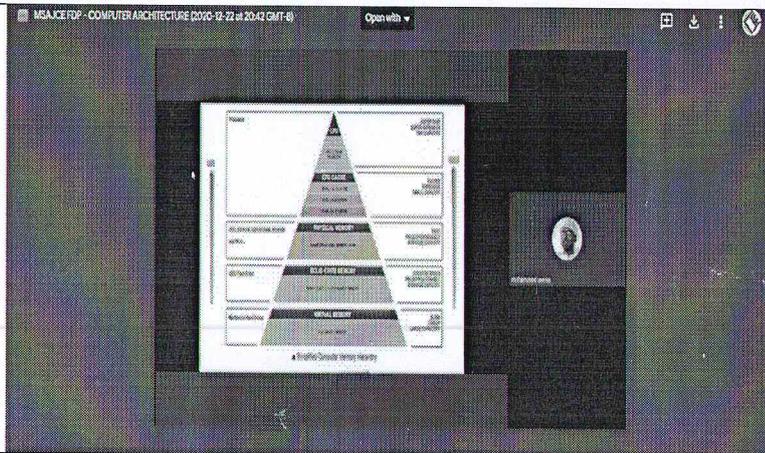
Photographs	 Data Analytics- Poster Presentation of the speaker
Feedback from the participants	Keerthana.M: Nice Presentation Abitha.K :Excellent Presentation and need to conduct a longer session. Rajkumar:Excellent Lecturer and very useful. Amanullakhanm:Good. S.Sajithabanu: Very informative Session.

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Chennai-603 193.

Prepared By :

Signature:

Name& Mr.A.Syed Ismail

Designation: AP/IT

Reviewed / Forwarded by:

Mr.S.Senthilpandi

AP/IT

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REPORT ON EVENTS

Department:	IT–MSAJCE Chennai
Type of Event:	FDP
Event Title:	Machine Learning and Image Processing
Date & Time:	20.06.2020
Venue / Mode(Platform):	Online Mode (Google meet)
Organizer:	Mr S Senthil Pandi Head-AP/IT -MSAJCE
Coordinator(s):	MrsJ.Hebziba Elizabath AP/IT, AP/IT-MSAJCE
Details of Participants:	Around 100 Internal and External participants, students and faculty from various institutions.

Profile of the Chief Guest(s)	Name of the Guest Speaker	Dr. B.Ben Sujitha, B.E., M.E., Ph.D,
	Organization	Department of IT, Jeepiar Institute of Technology
	Designation	Professor
	Contact Number	7373002888
	E-mail ID	bensujitha@jit.edu.in

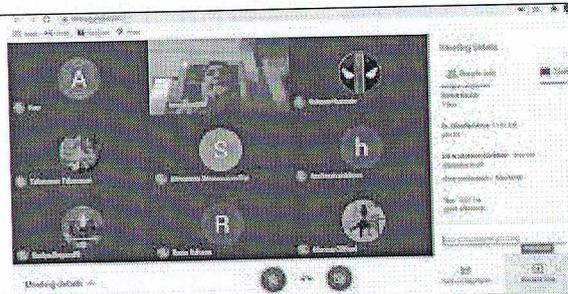|	
Write-up on Event	The Department of Information Technology of MSAJCE, Chennai organized one day fdp in the topic "Machine Learning and Image Processing"on 20/06/2020 through online mode(Googlemeet).The programme Commenced at 2.50 PM, with an welcome address and Introduction speech of the Chief guest Dr. B.Ben Sujitha, B.E., M.E., Ph.D,by MrsJ.Hebziba Elizabath AP/IT Dept-MSAJCE. The Chief guest Dr. B.Ben Sujitha, B.E., M.E., Ph.D,Department of Information Technology,Jeppiar Institute of Technology,Chennai, India,delivered his speech with an presentation on real time examples and also explained with pictorization to sharpen our minds by thinking one ahead the human brain in the field of Image Processing and Machine Learning. The Faculties and Students from various colleges around tamilnadu participated, during the session 100 participants actively participated.At the end of the session Mr.S.Senthil Pandi, Head- AP/IT Dept-MSAJCE delivered the vote of thanks.

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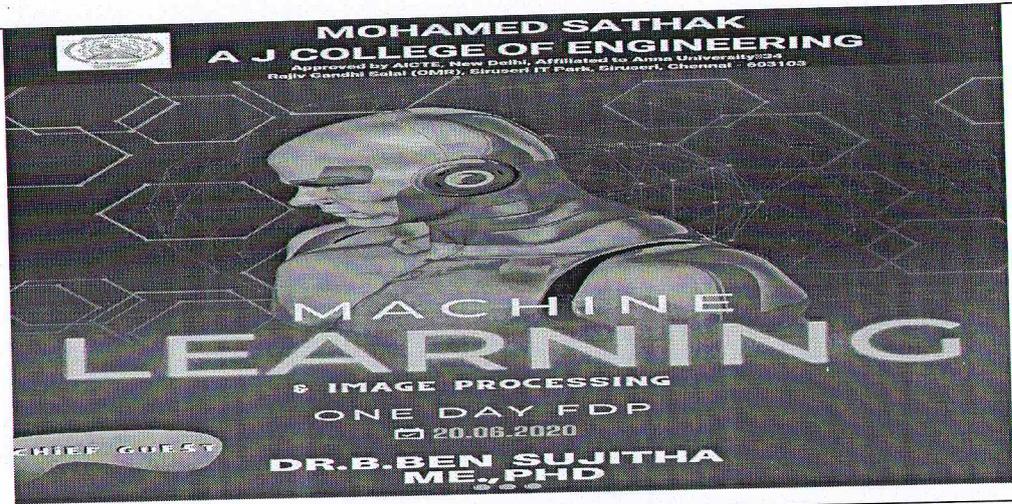
| Photographs	
	Machine Learning and Image Processing
	Presentation of the speaker and Gathering of Participants
Feedback from the participants	Husaina Barveen: Nice Presentation Nizamul haq :Excellent Presentation and need to conduct a longer session. Farhat jabeen:Excellent Lecturer and very useful. Ganga:Good. kabilan: Very informative Session.

Prepared By :

Signature:
Name&Designation:

MrsJ.Hebziba Elizabath AP/IT

Reviewed / Forwarded by:
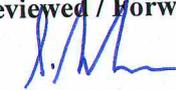
Mr.S.Senthilpandi Head/IT

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REPORT ON EVENTS

Department:	IT–MSAJCE Chennai
Type of Event:	Faculty Development Program
Event Title:	Recent Trends in Medical Image Processing
Date & Time:	28.05.2020 - 30.05.2020 10.00 AM - 12.00 AM
Venue / Mode(Platform):	Online Mode (Google meet) http://tiny.cc/FDPMIP
Organizer:	Mr.S.SenthilPandi HOD/IT-MSAJCE
Coordinator(s):	Mrs. Kayalvizhi , Mr.A.Syed Ismail, Mrs.Hepzibha Elizabeth AP/IT -MSAJCE
Details of Participants:	Around 150 Internal and External participants, students and faculty from various institutions.

Profile of the Chief Guest(s)	Name of the Guest Speaker	Dr.A.Senthilselvi	Dr. M.Prabhanantha kumar	Dr.Dhiravida chelvi
	Organization	SRM University	VIT University	MSAJCE
	Designation	Associate Professor	Asst Professor	Professor
	Contact Number	9578920861	8870213504	9442046457
	E-mail ID	senthila3@srmist.edu.in	prabhananthakumar@vit.ac.in	ecehod@msajce-edu.in

| **Write-up on Event**	The Department of Information Technology of MSAJCE, Chennai organized Three day FDP on "Recent Trends in Medical Image Processing" from 28/05/2020 to 30/05/2020 through online mode(Google meet).The programme Commenced at 09.50 AM, with an welcome address and Introduction speech of the Chief guest Mrs.Senthilselvi,Mrs.E.Dhiravidachelvi,Mr.Prabhanantha kumar by Mrs. T.Abinaya AP/IT MSAJCE. The Chief guest from various reputed institutions delivered his/her speech with an presentation on real time examples and also explained with pictorization to sharpen our minds by thinking one ahead the Data science in the field of Image Processing and various Engineering Industry. The Faculties and Students from various colleges around the india participated, during the session 100 participants actively participated.At the end of the session Mr. A.Syed Ismail AP/CSE MSAJCE delivered the vote of thanks.

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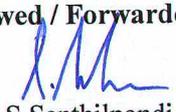# MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

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Photographs	
	Recent trends in Medical Image Processing-Poster
Feedback from the participants	Keerthana.M: Nice Presentation Abitha Kumari.K :Excellent Presentation and need to conduct a longer session. Rajanathan:Excellent Lecturer and very useful. Kamatchi:Good. S.Sankari: Very informative Session.
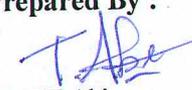
	Prepared By :	**Reviewed / Forwarded by:**
Signature: **Name&** **Designation:**	MrsJ.T.Abinaya AP/IT	S.Senthilpandi AP/IT

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RECENT TRENDS IN MEDICAL IMAGE PROCESSING-POSTER

PRESENTATION OF THE SPEAKER

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REPORT ON EVENTS

Department:	IT–MSAJCE Chennai		
Type of Event:	WEBINAR		
Event Title:	Insight Into Deep Learning		
Date & Time:	18.05.2021 - 3.00 PM - 4.00 PM		
Venue / Mode(Platform):	Online Mode (Google meet) https://tinyurl.com/aa8nwrw		
Organizer:	Mr.D.Weslin HOD/IT-MSAJCE		
Coordinator(s):	Mr.S.Senthil Pandi AP/IT -MSAJCE		
Details of Participants:	Around 125 Internal and External participants, students and faculty from various institutions.		
Profile of the Chief Guest(s)	Name of the Guest Speaker	Dr. B.Ben Sujitha, B.E., M.E., Ph.D,	
	Organization	Department of IT, Jeepiar Institute of Technology	
	Designation	Professor	
	Contact Number	7373002888	
	E-mail ID	bensujitha@jit.edu.in	
Write-up on Event	The Department of Information Technology of MSAJCE, Chennai and IIC jointly organized one day webinar in the topic "Insight Into Deep Learning" on 18/05/2021 through online mode(Google meet).The programme Commenced at 2.50 PM, with an welcome address and Introduction speech of the Chief guest Dr. B.Ben Sujitha, B.E., M.E., Ph.D, Mr.D.Weslin HOD/IT-MSAJCE Dept-MSAJCE. The Chief guest Dr. B.Ben Sujitha, B.E., M.E., Ph.D,Department of Information Technology, Jeppiar Institute of Technology,Chennai, India,delivered his speech with an presentation on real time examples and also explained with pictorization to sharpen our minds by thinking one ahead the human brain in the field of Image Processing and Biomedical Industry. The Faculties and Students from various colleges around tamilnadu participated, during the session 125 participants actively participated. At the end of the session Mr.S.Senthil Pandi, AP/IT Dept-MSAJCE delivered the vote of thanks.		

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Photographs	 Insight Into Deep Learning-Poster Presentation of the speaker and Gathering of Participants
Feedback from the participants	Shana.M: Nice Presentation Abitha Kumari.K :Excellent Presentation and need to conduct a longer session. Rajakumar:Excellent Lecturer and very useful. Amudhavalli:Good. S.Sabithabanu: Very informative Session.

Prepared By :

Signature:
Name&
Designation:

S.Senthilpandi
AP/IT

Reviewed / Forwarded by:

Mr.D.Weslin
AP/IT

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Chennai-603 103.

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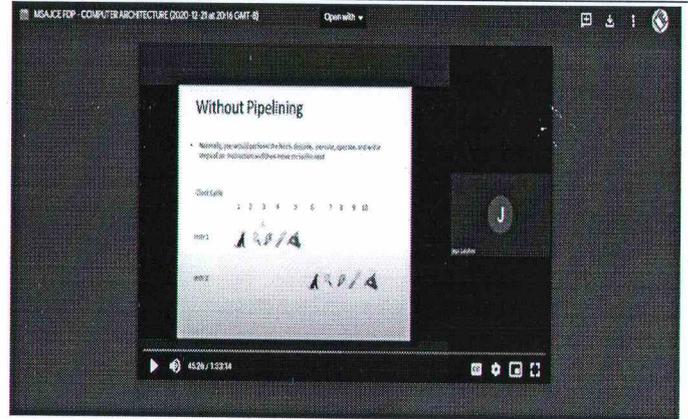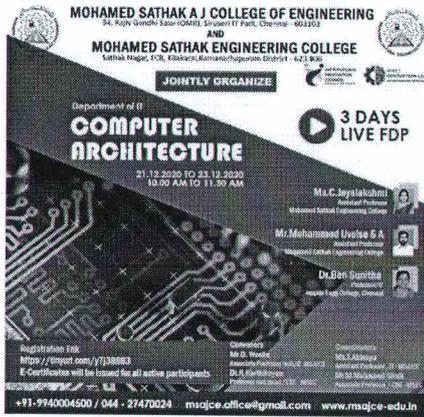### SIRUSERI IT PARK, OMR, CHENNAI 603 103

FDP-COMPUTER ARCHITECTURE

Department:	DEPARTMENT OF INFORMATION TECHNOLOGY
Type of Event:	Faculty Development Program (FDP)
Event Title:	COMPUTER ARCHITECTURE
Date & Time:	21-12-2020 to 23-12-2020& 10.00 AM TO 11.30 AM
Venue / Mode (Platform):	Online mode (Google meet)
Organizer:	DEPARTMENT OF IT, MSAJCE & MSEC
Coordinator(s):	1.Mrs.T.Abinaya 2.Mr.M.Mohamed Sithik
Details of Participants:	External participants from various institutions like Academicians, Researchers, Industry& Students.

Profile of the Chief Guest(s)		DAY-1 (21.12.2020)	DAY-2 (22.12.2020)	DAY-3 (23.12.2020)	
	Name of the Guest Speaker	Dr.Ben Sujitha	Mr.Mohamed Uveise S A	Mrs.C.Jeya Lakshmi	
	Organization	Jeppiar Engineering College, Chennai	Mohamed Sathak Engineering College,kilakarai	Mohamed Sathak Engineering College,kilakarai	
	Designation	Professor	Assistant Professor	Assistant Professor	
	Contact Number	9488282942	8015998819	8012723414	
	E-mail ID	bensreghu@gmail.com	mohameduveise@msec.org.in	jeyalakshmi@msec.org.in	

| **Write-up on Event** (to publish in the college website) | The workshop started with 60 participants from different institutions on 21.12.2020 at 10.00 am wi welcome address and introduction of chief guest Mr.D.Weslin, HOD/Associate Prof, Department of IT an Chief guest was introduced by Ms. Reshma Farhin AP/CSE,MSAJCE.

The first day 21.12.2020 (Monday) session was handled by the guest speaker Dr.Ben Sujitha, Professc Jeppiar College of Engg, Chennai. The speaker elaborated in detail about,*Computer Architecture*. During tl session she explained various concepts in Computer Architecture to make the participants understand clearl In the discussion time with the participants, she answered all the questions patiently up to the participant satisfaction.

The second day 22.12.2020(Tuesday) session was handled by the guest speaker . Mrs.C.Jeya Lakshn Assistant Professor, Mohamed Sathak Engineering College,kilakarai .She explained in detail about hazar and pipelining concepts. During the discussion session, she meticulously elaborated in detail for tl |

	participants' questions. The third day 23.12.2020 (Wednesday) session was handled by the guest speaker Mr.Mohamed Uveise S A Assistant Professor Mohamed Sathak Engineering College,kilakarai. The speaker elaborated in deta about,*Memory management in Computer Architecture*. In the discussion time with the participants, I answered all the questions patiently up to the participants' satisfaction. Mrs.T.Abinaya, Assistant Professor / IT proposed the vote of thanks	
Photographs		
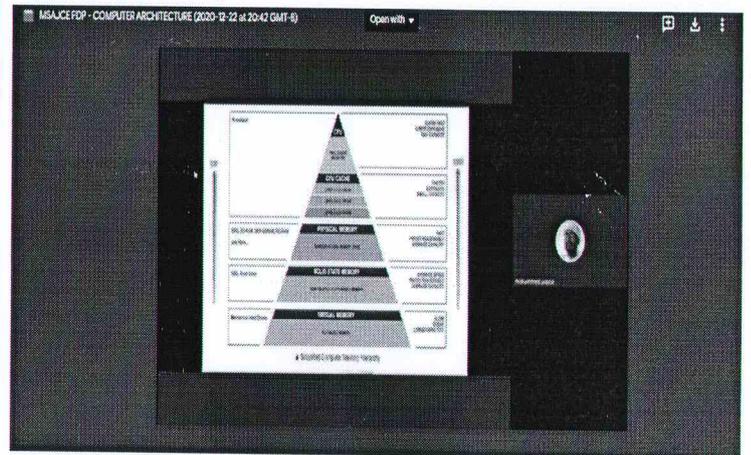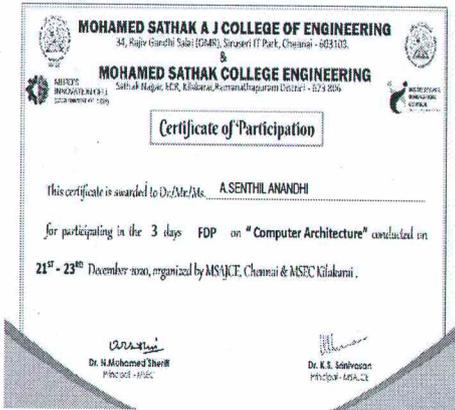
	Day -1	Day-2	Day-3
Feedback from the participants	Mahalakshmi Well organized	Dr.A.N.Arularasan Very well organized presentation and explanation.	Fathima Excellent Session and the speaker has good knowledge about the subject
	Devaki Everything nice	Dr. Shanthi S Session is very useful if we further explore	A.Senthil anandhi Excellent Session

Prepared By :	Reviewed / Forwarded by:

Signature:

Name: S. Senthilpandi

Designation: AP/IT

Date:

Principal

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

STUDENTS PUBLICATION DETAILS

Department   : IT

Academic Year : 2017-2018

S.No	Name of the Student / Authors	Year/ Sem/Sec	Name of the Conference / Symposium	Date	Organised by	National / Inernational Level	Title of Paper	Journal / Proceeding Details
1	Revethy .A	IV	(ICIRCC'18)	7.04.2018	PERI Institute of Technology Chennai	International Journal of Science & Reserach (ICIRCC'18)	Robotics, Construction &Communication (ICIRCC'18)	
2	Kiruthika.A	IV	(ICIRCC'18)	7.04.2019	PERI Institute of Technology Chennai	International Journal of Science & Reserach (ICIRCC'18)	Robotics, Construction &Communication (ICIRCC'18)	
3	Sharmithra	IV	(IJSR'18)	03.03.2018	PERI Institute of Technology Chennai	International Journal of Science & Reserach	Prediction of Lung Cancer Using Classifier Models	Volume 7, Issue 3, March

Supporting   1. Photocopy of Published Paper & Certificate

Copy to the:
Head-Research

Sign of the HoD with date

Format No : TLP 35   Rev.No : 0.0   Rev. Date : 04.01.21

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Certificate of Publication

www.ijsr.net

This is to certify that the paper ID: _ART2018822_ , entitled

Prediction of Lung Cancer Using Classifier Models

Authored / Co Authored

by

Sharmithra P

has been published in Volume _7_ Issue _3_ , _March_ , _2018_

in

International Journal of Science and Research (IJSR)

The mentioned paper is measured upto the required standard.

Editor in Chief, International Journal of Science and Research, India

120

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Chennai-603 103.

Prediction of Lung Cancer Using Classifier Models

Shamreen Fathima Saddique[1], Sharmithra P[2], Justin Xavier D[3]

Student, Dept. of Computer Science, Mohamed Sathak A.J College of Engineering, India[1]
Student, Dept. of Computer Science, Mohamed Sathak A.J College of Engineering, India[2]
Asst. Professor, Dept. of Computer Science, Mohamed Sathak A.J College of Engineering, India[3]

Abstract: *In recent years, Lung Cancer has become a serious disease that threatens the health and mind of human. Efficient predictive modeling is required for medical researchers and practitioners. This study proposes a lung cancer prediction model based on naïve Bayes which aims at analyzing some readily available indicators (age, smoking, alcohol consumption, chest pain, etc.) effects on lung cancer and discovering some rules on given data. The method can significantly reduce the risk of disease through digging out a clear and understandable model for lung cancer from a medical database. Naive Bayes classifiers are a family of simple probabilistic classifiers based on applying Bayes' theorem with strong (naive) independence assumptions between the features. The validation of results at Chennai Port Hospital shows that the naïve Bayes algorithm can greatly reduce the problem and it can effectively predict the impact of these readily available indicators on the risk of lung cancer. Additionally, we get a better prediction accuracy using naïve Bayes than the support vector machine algorithm, logistic regression and random forest.*

Keywords: prediction model; naïve Bayes; Lung Cancer

1. Introduction

Machine learning is a field of computer science that gives computer systems the ability to "learn" (i.e. progressively improve performance on a specific task) with data, without being explicitly programmed. machine learning explores the study and construction of algorithms that can learn from and make predictions on data– such algorithms overcome following strictly static program instructions by making data-driven predictions or decisions, through building a model from sample inputs. Machine learning is employed in a range of computing tasks where designing and programming explicit algorithms with good performance is difficult or infeasible.

RStudio is a free and open-source integrated development environment (IDE) for R, a programming language for statistical computing and graphics. RStudio is available in two editions: RStudio Desktop, where the program is run locally as a regular desktop application; and RStudio Server, which allows accessing RStudio using a web browser while it is running on a remote Linux server. Prepackaged distributions of RStudio Desktop are available for Windows, macOS, and Linux.

RStudio is available in open source and commercial editions and runs on the desktop (Windows, macOS, and Linux) or in a browser connected to RStudio Server or RStudio Server Pro. Further Rstudio allows us to perform predictive analysis using machine learning algorithms.

2. Problem Definition

Modern medicine generates a great deal of information stored in medical database. In today's world, every individual is facing growing health issues which need to be cured quickly. With continually increasing lung cancer in patients due to high intake of tobacco and puff, predicting the cancer in patients at an early stage is the huge issue for the clinicians to make decisions. Since it is considered as a taboo in some countries people fear to come forward to diagnose the disease, the best place to find occurrence of disease is by applying machine learning concept to create the predictive model by using the data collected in the hospital regarding the patients affected by lung cancer to predict lung cancer.

3. Existing System

In the existing system, the model is created for the prediction of Lung Cancer. It is based on the basis of Support Vector Machine Algorithm. The model is established on the CT images.

Drawbacks

- The existing model requires scans images of the patients to detect the presence of cancer in patients.
- 77% of accuracy is achieved in this model.
- The model is trained with only 12 CT scans in which 6 of them are cancer affected patients and rest are non-affected.

4. Proposed System

4.1 Dataset Description

Dataset used in this study is more precise and accurate in order to improve the predictive accuracy of data mining algorithms. Attributes for symptom is used to diagnosis of disease are to be handled efficiently to obtain the optimal outcome from the data mining process. The attribute such as Age, Gender, Yellow Finger, Anxiety, Peer Pressure, Chronic Disease, Fatigue, Allergy, Alcohol Consumption, Smoking, chest pain, coughing of blood, shortness of breath, wheezing, swallowing difficulty are taken to consider for predicting the lung cancer. Rstudio implements algorithms for data pre-processing, feature reduction, classification such as Naive Bayes, Random Forest, Support Vector Machines, K-Nearest-Neighbours are also implemented. The performances of these algorithms for lung cancer disease are analyzed using confusion matrix.

Paper ID: ART2018822   DOI: 10.21275/ART2018822   672

Jamal Alhiyafi, Sunday O. Olatunji8" Breast Cancer Surgery Survivability Prediction Using Bayesian Network and Support Vector Machines" IEEE-2017

[4] N. Ramkumar, Dr. S. Prakash, S. Ashok kumar, K Sangeetha, "Prediction of liver cancer using Conditional probability Bayes theorem" IEEE-2017

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INTERNATIONAL CONFERENCE ON
INFORMATICS, ROBOTICS, CONSTRUCTION & COMMUNICATION

ICIRCC'18
7TH & 8TH APRIL 2018

CERTIFICATE OF PARTICIPATION

This is to certify that Ms. Kiruthika A of Mohamed Sathak A J College of Engineering. has presented a paper titled Inter Provider ISP-to-ISP in MPLSVPN Networks Using MP-EBGP in the

INTERNATIONAL CONFERENCE ON INFORMATICS, ROBOTICS, CONSTRUCTION & COMMUNICATION held on 7th & 8th April, 2018.

CHAIRMAN

COO

CONVENOR

PERI

INSTITUTE OF TECHNOLOGY
MANNIVAKKAM, CHENNAI - 600 048

INTERNATIONAL CONFERENCE ON
INFORMATICS, ROBOTICS, CONSTRUCTION & COMMUNICATION

ICIRCC'18
7TH & 8TH APRIL 2018

CERTIFICATE OF PARTICIPATION

This is to certify that **Ms. Revathy R** of **Mohamed Sathak A J College of Engineering** has presented a paper titled **Inter Provider ISP-to-ISP in MPLSVPN Networks Using MP-EBGP.** in the

INTERNATIONAL CONFERENCE ON INFORMATICS, ROBOTICS, CONSTRUCTION & COMMUNICATION held on 7th & 8th April, 2018.

CHAIRMAN   COO   CONVENOR

Inter-Provider ISP-to-ISP in MPLSVPN Network Using MP-EBGP Method

A.Kiruthika[1], R.Revathy[2], K.Suresh[3]

[1]UG Student, Department of Computer Science and Engineering, Mohamed Sathak A J College of Engineering, Chennai, India
[2]UG Student, Department of Computer Science and Engineering, Mohamed Sathak A J College of Engineering, Chennai, India
[3]Associate Professor, Department of Computer Science and Engineering, Mohamed Sathak A J College of Engineering, Chennai, India

Abstract *: Being widely adopted by worldwide service providers, the MPLS technology to connect geographically separated customer sites becomes important in reliability. It is used to implement VPNs to connect the customer networks i.e., Inter-provider VPN network. In this paper we first briefly describe VPN switch are behind the scope of secure private MPLS connections such as several VPN deployments emerged from the sudden growth of requirements. We then discuss about the requirements of inter connections from customer end to service provider in one's perspective. We then propose and discuss the methods used for deployment options from service providers point of view. In this paper, we present an novel method of communication among branches or partner branches of an organization each of them situated at distinct geographical areas with absence of the same ISP in every area. We came up with an idea of designing an Inter provider network i.e., connecting multiple ISPs with the private network mechanism which provides global reachability. It deals with the security issues confidently and provides there placement of Internet in private / public organizations.**

Index Terms — *MPLS Technology, VPN, Inter-provider network, VPN deployments, distinct geographical areas, absence of the same ISP, replacement of Internet, private / public organizations.*

1. INTRODUCTION

The Internet has proven that multiple separately managed networks can be built and interconnected in such a way that end users can send and receive traffic without having to be aware of the underlying fact that multiple providers may be involved in transporting their traffic. While the Internet model has demonstrated success in multiple providers working together, for the model uses a very basic set of requirements only. Given a set of fundamental rules agreed on by all providers, network destinations and associated metrics can be shared. Providers monitor and maintain their own autonomous systems (ASs) and peering points, and can forward Internet traffic they receive toward intended destinations reach able through alternate providers.

MPLS is enabling a new generation of advanced services, such as network-based layer 3 (L3) and layer2 (L2) virtual private networks (VPNs), and voice over IP (VoIP) over MPLS and MPLS VPNs. Now that these new features are deployed in each individual provider's network, the need to inter connect the networks of multiple providers to provide end-to-end advanced services becomes urgent, as no single provider has a footprint large enough to satisfy all customer needs. Furthermore, the availability of inter-provider quality of service (QoS) capability. All these services are very different in nature than simple Internet traffic delivery. New business models, new technologies, and new processes need to be developed, and a higher level of cooperation among providers is needed to meet service demands.

Unlike Internet services, currently there are no common rules and procedures among providers for MPLS interconnections. Each connection between providers is customized to suit the specific needs of the involved providers. This adhoc nature requires tremendous effort to establish business models, processes, ordering, billing, interconnection technologies, security agreements, monitoring and troubleshooting processes, QoS and class of service (CoS) definitions, and service level agreement (SLA) implementation. While cooperation between providers solves some issues, other issues, such as end-to-end QoS, still present consider able challenges part of the initial effort to move closer to common solutions and practices, with the best interests of providers and end users in mind.

So far there are many ISPs (Internet Service Providers) providing MPLS VPN network connections, VPN only connections, Internet oriented MPLS connections based on layers i.e., L2VPNs & L3VPNs. Also the Inter provider connection (Multiple ISPs) through Internet based VPNs using MPLS in the background are in exercise currently. This paper's main theme is that we can incorporate the different ISPs to implement connection over customer sites by private ip address scheme with the agreement of each provider.

5. ASBR-to-ASBR approach using MP-eBGP method

In this method, ASBRs use traditional IPv4 routing to integrate VPNs across two adjacent service providers. In this method, the ASBRs use MP-eBGP (Multi-Protocol-Exterior Border Gateway Protocol) to peer with each other to exchange VPNv4 (version4) routes between autonomous systems[2].This is called the ASBR-to-ASBR approach, also known as MP-eBGP for VPNv4 exchange. This approach there for reduces the need to have per-VPN configuration on the ASBRs as in the back-to-back VRF method and there for allows VPNv4 prefixes to be carried across multiple service providers.

Nonetheless, to allow the VPNv4 prefixes transportation, the link between the autonomous systems must support the exchange of MPLS packets becausetheVPNv4 updates are encapsulated in MPLS packets when they traverse an Autonomous system and thus need to been capsulated when going across the ASs. The MP-eBGP session between directly connected interfaces on the ASBRs enables the interfaces to forward label packets [2].

Some important characteristics to keep in mind when using this method:

- No requirement of LDP or IGP (Interior Gateway protocol) to been able don't the interface connecting the two ASBRs.

- BGP default Route-target filter need not to be configured on an ASBR that does not have any VRFs configured. The command ensures that the ASBR accepts the BGP VPNv4 prefixes from other Provider Edge Routers inside the AS [2].

To maintain an end to end LSP path from customer site of one ISP too their ISP customer site ,MPLS is enabled between the ASBRs. Routers in the network with ASBR-ASBR configuration are configured with the following:

1) The provider edge routers on AS 65001 and AS 65002 are configured with MPLS using LDP protocol and also designed with bgp configuration.

2) Route reflectors which are used by each ISP are updated with IP ranges using BGP protocol.

3) Border routers (ASBRs) are configured with MP-eBGP protocol.

6. RESULTS AND DISCUSSION

Significant reduction in latency is observed with the simulation of the design in ASBR-to-ASBR Approach using MP-eBGP Method.

The inter-conection between routers are made succesfully using OSPF (as IGP protocol) and iBGP protocols within both ISPs and MPLS is enabled.

Fig 5.1. Connection established between routers with OSPF protocol enabled

Fig 5.2. Connection established between routers with MPLS protocol enabled

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Fig 5.8. R8 pinging R7

Conversely the customer end router from ISP2 pinged the one in ISP1 successfully.

7. CONCLUSION AND FUTURE ENHANCEMENT

As the proposed system brings the precinct of inter connection of ISP-ISP, it has the significance of private IP range. We are assigning the private ip addresses to all the channeled routers and hosts toward the data. Although most of the companies in the countries work through Internet with their host computers access, it is formidable that their data is open to public. The risks associated with the Internet are advertised everyday by the trade and main stream media. For corporations the risks are even more and apparent. Stolen or deleted corporate data an adversely affect people's livelihoods, cost the company money. If it's a small company then it could put it out of business. Since the Internet is a public network you always risk having someone access any system you connect to it. So this proposal of a private network comes with a complete no exposure of public domain yields the ease of having no doubt about the protection of information dealt between the inter-branches. More over this design of network also provides very low latency and there by high speed performance since the overload caused by the exchange of overheads in the system of Internet is totally reduced and acts as a leased connection to the branches from the organization. This method also helps the providers / operators to enhance their revenue value if they form their own suitable agreements each other because of high probability of Internet services exhausts or becomes almost non-trustable in the future. In this paper has the facility to be employed in IPv6 addressing also which is to be deployed in the fourth coming years which will enable higher degree of addressing and auto-configuration mechanism.

9. REFERENCES

[1] Chris Hoffman. (2013, Jan 15). "What Is a VPN, Why would I need one?" [Online]. Available: https://www.howtogeek.com.

[2] C.Huang, V.Sharma, K.Owens ,S.Makam, March 2002 ,"Building Reliable MPLS Networks Using a Path Protection Mechanism", IEEE communication March 2002.

[3] Madhulika Bhandureetal .,"Approach to build MPLS VPN using QOS capabilities", www.ijerd.come-ISSN:2278-067X, June 2013,Volume 7, Issue 8, pp.26- 32.

[4] Tejender Singh Rawatetal.,"A Review paper on MPLS VPN Architecture", www.ijetmas.comMay2015, Volume3, Issue 5,ISSN 2349-4476.

[5] Umesh Lakshman ,Lancy Lobo- CCIENo. 4690, "Inter-provider VPNs "in MPLS Configurationon Cisco IOS Software, Cisco press, 2005, pp.455- 507.

[6] Vassilis Foteinosetal., "Operator-Friendly Traffic Engineering in IP/MPLS Core networks" ,Vol.11No.3, 1932-4537© 2014 IEEE. Personal use is permitted, but republication/ redistribution requires IEEE permission ,http://www.ieee.org/publications_standards/publications/rights/index.htmlformore information.

[7] Wendell Odom, "Virtual Private Networks" in Cisco CCENT / CCNA ICND 1100-101, Ciscopress,2013, pp.1130-1144.

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2	S.Priyadharshini	Computer Networks and Internet Protocol	Faculty	NPTEL	01.01.2020-30.4.2020
3	Mohamed Vaseem.S	Introduction to R Software	Student	NPTEL	01.08.2018-30.09.2018
4	K.R.Hidhayathun Naseera	Introduction to R Software	Student	NPTEL	01.08.2018-30.09.2018
5	A.P.Arun Prasanth	How Google does Machine Learning	Student	COURSERA	21.01.2019
6	A.P.Arun Prasanth	Launching into Machine Learning	Student	COURSERA	05.01.2019
7	A.P.Arun Prasanth	Intro to TensorFlow	Student	COURSERA	16.01.2019
8	A.P.Arun Prasanth	Feature Engineering	Student	COURSERA	20.01.2019
9	A.P.Arun Prasanth	Art and Science of Machine Learning	Student	COURSERA	21.01.2019
10	Sulthan Mohideen.N.K	How Google does Machine Learning	Student	COURSERA	30.12.2018
11	Sulthan Mohideen.N.K	Launching into Machine Learning	Student	COURSERA	05.01.2019
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13	Sulthan Mohideen.N.K	Feature Engineering	Student	COURSERA	18.01.2019
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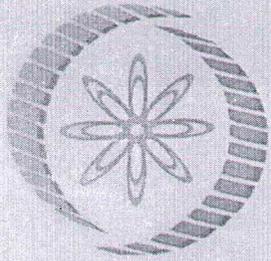
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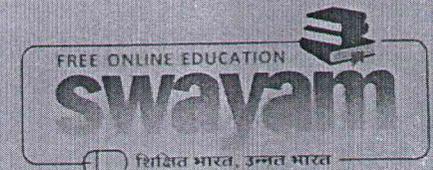
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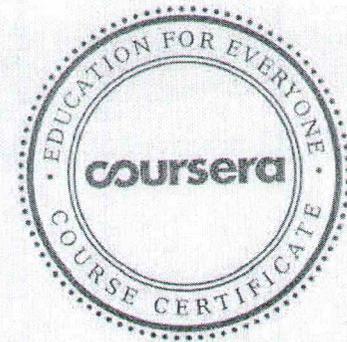
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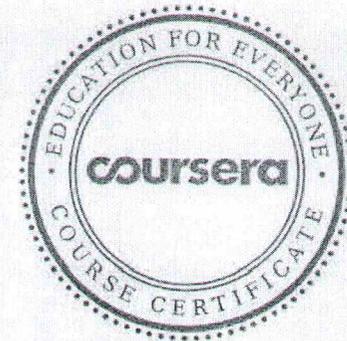
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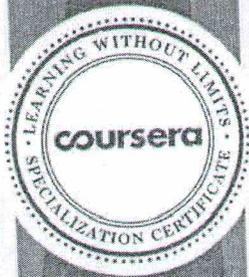*Google Cloud Training*

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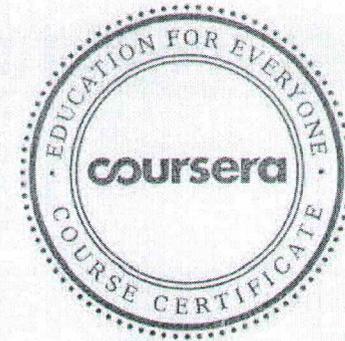
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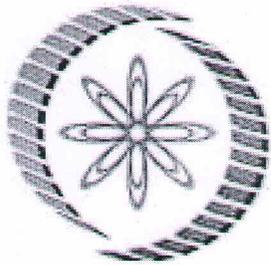
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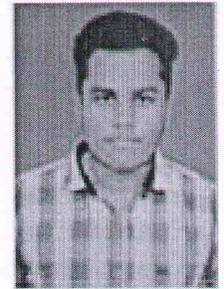
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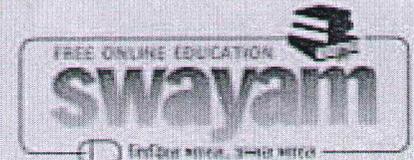
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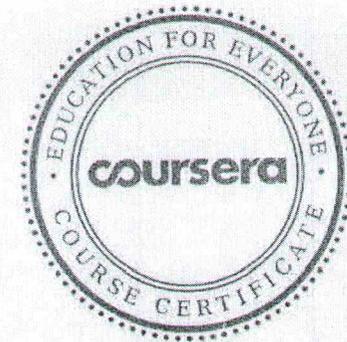
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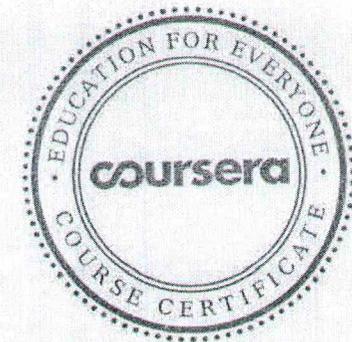
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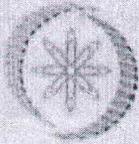
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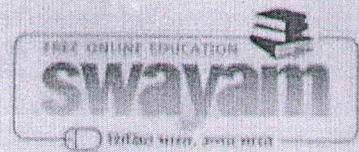
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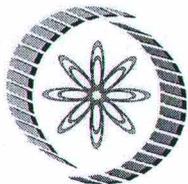
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Mobile number: 8072138874
Email id: nptelspocmsajce@gmail.com

We nominate **Dr.E.Dhiravidachelvi** as the Single Point of Contact (SPOC), whose details are as follows:

Name: Dr.E.Dhiravidachelvi

Designation: PROFESSOR

Department: ELECTRONICS& COMMUNICATION ENGINEERING

Email id: nptelspocmsajce@gmail.com

Mobile No: 9442046457

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The **Single Point of Contact (SPOC)** nominated from your college is

Name of SPOC: DR. E. DHIRAVIDACHELVI
Designation: PROFESSOR
Department:ELECTRONICS AND COMMUNICATION ENGINEERING
Contact No(s):9442046457
E-mail id: nptelspocmsajce@gmail.com

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Thanking you.

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CONSOLIDATED INTERNSHIP DETAILS FOR THE PERIOD OF ODD / EVEN SEM 2020 / 2021

Department : INFORMATION TECHNOLOGY

Academic Year:2020 – 2021

S.No	Name of the student	Sem/Year	Name of the Industry	Contact Person Details	Period	#Type of Training
1	RIZWAN AHAMED R	VI/III	Openwave Internship Students List	9003624175	2MONTHS	INTERNSHIP
2	MOHAMED SULTHAN	VI/III	Openwave Internship Students List	8124838657	2MONTHS	INTERNSHIP
3	MOHAMED HISAM T	VI/III	Openwave Internship Students List	7094279615	2MONTHS	INTERNSHIP
4	FARHAT JABEEN A	IV/II	Openwave Internship Students List	7904453470	2MONTHS	INTERNSHIP
5	GANGA M	IV/II	Openwave Internship Students List	9361473812	2MONTHS	INTERNSHIP
6	MOHAMED IQRAMULLAH S	IV/II	Openwave Internship Students List	6374522184	2MONTHS	INTERNSHIP
7	MD ZAID N	IV/II	Openwave Internship Students List	7358560491	2MONTHS	INTERNSHIP
8	NABEEL M	IV/II	Openwave Internship Students List	8056610796	2MONTHS	INTERNSHIP
9	NIZAMULHAQ S	IV/II	Openwave Internship Students List	6382725742	2MONTHS	INTERNSHIP
10	PARNANDHIROHAM	IV/II	Openwave Internship Students List	7305629272	2MONTHS	INTERNSHIP
11	S.SAFWAAN ABDUL RAZACK	V/III	Matt Engineering Equipments	8903301924	18 days	INTERNSHIP
12	ASHIP AKASH	V/III	Shiash Info Solutions Private Limited	9791999118	4MONTHS	INTERNSHIP

211

Supporting Documets Required :

1. Copy of Communication letters/Mail

2. Copy of Certificate issued by Industry

#Type of Training: Service/Product/Software/Tools/Management Based

Faculty Coordinator

Sign of the HoD with date

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Openwave Internship Students List

S.No	Reg.No	Student Name	Year
1	311818205301	Rizwan Ahamed R	III IT
2	311818205009	Mohamed Sulthan	III IT
3	311818205007	Mohamed Hisam T	III IT
4	311819205005	Farhat Jabeen A	II IT
5	311819205008	Ganga. M	II IT
6	311819205010	Mohamed Iqramullah. S	II IT
7	311819205018	Md Zaid.N	II IT
8	311819205022	Nabeel.M	II IT
9	311819205024	Nizamulhaq. S	II IT
10	311819205025	Parnandhirohan	II IT
1	311818104004	Anas Ahamed A	III CSE
2	311818104006	Balaji M	III CSE
3	311818104011	Faisal Shoukath	III CSE
4	311818104022	Narendran E	III CSE
5	311818104024	Parveen Begum M	III CSE
6	311819104304	Muddasir Ahmad M	II CSE
7	311819104037	Rohith E S	II CSE
8	311819104028	Musthabushira S M	II CSE
9	311819104023	Mohamed Faiz Ali M	II CSE
10	311819104038	Sajitha N	II CSE

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

2nd **April 2021**

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Mr. Rizwan Ahamed R (Reg No. 311818205301),** pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering, Chennai** has done his internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

His behaviour on study and attitude towards internship was good.

We wish him success in all his future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
9#, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

2nd April 2021

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Mr. Mohamed Sulthan (Reg No. 311818205009),** pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering, Chennai** has done his internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

His behaviour on study and attitude towards internship was good.

We wish him success in all his future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

R. Nagasubramanian

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

2nd April 2021

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Mr. Mohamed Hisam T (Reg No. 311818205007)**, pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering, Chennai** has done his internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

His behaviour on study and attitude towards internship was good.

We wish him success in all his future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Openwave Computing Services Pvt. Ltd.,
No. 3, III Cross Street, Sterling Road,
Nungambakkam, Chennai – 600 034.
Ph: +91-44-42921200 Fax: +91-44-42921209
Email: info@openwavecomp.in   Web: www.openwavecomp.in

2nd April 2021

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Ms. Ganga M (Reg No. 311819205008)**, pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering, Chennai** has done her internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

Her behaviour on study and attitude towards internship was good.

We wish her success in all her future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

R. Nagasubramanian

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

2nd April 2021

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Mr.Mohamed Iqramullah S (Reg No. 311819205010)**, pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering, Chennai** has done his internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

His behaviour on study and attitude towards internship was good.

We wish him success in all his future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

2nd April 2021

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Mr. Md Zaid N (Reg No. 311819205018)**, pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering**, Chennai has done his internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

His behaviour on study and attitude towards internship was good.

We wish him success in all his future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

2nd April 2021

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Mr. Nizamulhaq S (Reg No. 311819205024)**, pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering, Chennai** has done his internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

His behaviour on study and attitude towards internship was good.

We wish him success in all his future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

2nd **April 2021**

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Mr.Parnandhirohan (Reg No. 311819205025)**, pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering, Chennai** has done his internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

His behaviour on study and attitude towards internship was good.

We wish him success in all his future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

R. Nagasubramanian

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

MATT ENGINEERING EQUIPMENTS

3rd Floor Pillars Gate, Vadasery, Nagercoil – 629001
E-mail:mattengineeringequipments@gmail.com, Mob: No: 9486178103 / 04652425203
Website: www.mattengg.com

DATE: 18.12.2021

TO WHOMSOEVER IT MAY CONCERN

Dear Sir/Madam,

This is to inform you that **Mr.S.Safwaan Abdul Razack, Reg:no:311818205011** B.E Department of Information Technology has completed his **Internship** at our concern from 29th November 2021 to 17th December 2021.

His character and conduct during this period has been good.

We wish his success in his future Endeavour's.

Thank You

With Regards,

PRAVEEN MATHIAS
Administrator
MATT ENGINEERING EQUIPMENTS

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

2nd April 2021

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Mr. Farhat Jabeen A (Reg No. 311819205005)**, pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering**, Chennai has done his internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

His behaviour on study and attitude towards internship was good.

We wish him success in all his future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

2nd April 2021

TO WHOMSOVER IT MAY CONCERN

This is to certify that **Mr. Nabeel M (Reg No. 311819205022)**, pursuing B.Tech, (IT) at **Mohamed Sathak A.J. College Of Engineering**, **Chennai** has done his internship in the field of **Web Development** in our organization under the guidance of **Mr. Mohamed Abdul Cader – Project Manager** from 01-02-2021 to 31-03-2021.

His behaviour on study and attitude towards internship was good.

We wish him success in all his future endeavors.

Thank you!

For **Openwave Computing Services Pvt. Ltd**
Authorised Signatory

Dr. R. Nagasubramanian
Business Head

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Mr. T. Aship Akash

27th November 2021

Reg. No. 311819205002

Mohamed Sathak AJ College of Engineering

Chennai.

Dear Aship,

Sub: Internship

On behalf of **Shiash Info Solutions Private Limited**. We would like to inform that you are being accepted as one of our interns. We are pleased to inform you that you have been qualified as per the requirements for the internship. You will be working with our Technical team.

Your internship will begin with effective from **November 2021 to February 2022**. You will be assigned to various tasks which relates to the project assigned to you after which your performance will be assessed and appraised.

For Shiash Info Solutions Private Limited

Ashwini Kanniyappan

Manager- Human Resources

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

APPLICATION FOR CONDUCTING VALUE ADDED COURSES

1. Name of the Department : Computer Science and Engineering & Information Technology

2. UG programme : B.E

3. **Details of the Value-Added Courses:**

a. Name of the Value Added Courses : IVA018 Advanced Python and Introduction to Machine Learning

b. Type of Value-Added Courses : (Lab integrated theory)

c. Short Description : Enclosure 1 enclosed - ~~YES~~ / NO

d. Syllabus including Reference : Enclosure 2 enclosed - YES / ~~NO~~

4. **Target audience:**

Semester (indicate if more than one) : VIIIth Semester only

Others

5. **Details of Faculty handling the course:**

a. Name of the Faculty handling the Value Added Course : Mr.Rama Mohan Reddy

b. Details including designation and expertise : Enclosure 3 enclosed - YES / ~~NO~~

c. Contact details

Email ID : ramamohan3g@gmail.com

Phone No : +91 7032537345

6. **Tentative Time Table** including dates of internal assessments : Enclosure 4 enclosed - YES / ~~NO~~

7. Number of students opting for the course : 41

8. Department Consultative Committee - Minutes : Enclosure 5 enclosed - YES / ~~NO~~

9. Name and Designation of the Coordinator : Mr. S.Senthilpandi, Assistant Professor, Department of Information Technology, Mohamed Sathak A J College of Engineering.

Head of the Department
(with date & seal)

Head of the Institution
(with date & seal)

Director, Academic Courses

Additional Controller of Examinations

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING(R 2017)

VALUE ADDED COURSE

DEPARTMENT CONSULTATIVE COMMITTEE – MINUTES OF THE MEETING

Date: 19/01/21

As per the Regulations 2017, a department consultative committee is constituted to offer value added course for the 8th semester, B.E Computer Science and Engineering and Information Technology students pursuing their studies at Mohamed Sathak A J College of Engineering (MSAJCE), Siruseri, Chennai. The following members were present for the meeting held on 18/01/2021 at Department of Computer Science and Engineering, MSAJCE.

S.No.	Name & Designation	Member of Bodies	Signature
1.	Mrs M.Premalatha, Assistant Professor, Department of Computer Science and Engineering, MSAJCE	Monitor the progress of the course	
2.	Mr.D.Weslin, Asscoiate Professor Professor,Department of Information Technology, MSAJCE	Senior Faculty Member	
3.	Mr S.Senthilpandi, Assistant Professor, Department of Information Technology MSAJCE	Coordinator	
4.	Mrs Sankari,Assistant Professor, Department of Computer Science and Engineering, MSAJCE	Faculty handling the course	

The consultative committee has decided to offer IVA018 Advanced Python and Introduction to Machine Learning for the students since it is essential for them to update with the current technology in the IT Industry. The committee recommends Mrs Sankari,Assistant Professor/CSE to handle the course and train the students in Machine Learning. The curriculum & syllabus, internal assessment pattern and awarding of grades are discussed and passed on the meeting for approval. The consultative committee constituted for value added course has recommended to conduct the course as lab integrated theory and approved the same.
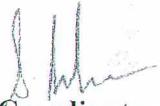
Coordinator
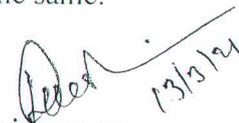
Committee Chairperson

(Senior Faculty Member)
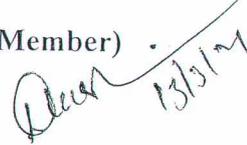
HoD/Computer Science and Engineering
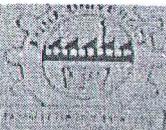
CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI - 600 025

Dr. S HOSIMIN THILAGAR
DIRECTOR
Letter No. 0387/AU/VA/CAC/FICE/2021

11.03.2021

To
The Controller of Examinations
Anna University
Chennai - 25.

Sir,

Sub: A.U. - CAC - Affiliated Institutions - Value Added Courses - Reg.
Ref: (i) Letter No. MSAJCE/PO/021/2020-21, dated:00.02.2021.
     (ii) Mail received from the college, Mohamed Sathak A.J. College of
          Engineering, dated:13.03.2021 and 14.03.2021.

******

With reference to the letter cited above, course code is allotted for the Value
Added Course as mentioned below:

Sl. NO.	CODE ALLOTTED	TITLE	CREDITS			
			L	T	P	C
1.	IVA067	IOT using Arduino	1	0	2	2
2.	IVA018	Advanced Python and Introduction to Machine Learning	0	0	2	1

This is for your kind information and necessary action at your end.

Yours faithfully,

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

DIRECTOR

Copy to:
1/ The Principal, Mohamed Sathak A.J. College of Engineering, Siruseri, Chennai –
603 103.

. The Chairperson, Faculty of Information and Communication Engineering, A.U.
Chennai -25.

. The Stock File.

To
Dr. Manju
Head FICE for n/c

MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING,
Chennai - 603103

VAC - STUDENTS NAME LIST

Department of Information Technology

Academic Year: 2020-2021

Name of the Value Added Course : Advanced Python and Introduction to Machine Learnin

Yr / Sem : IV/VIII   Faculty In-charge : Rama Mohan Reddy

Location :   Duration :

Sl.No	Name of the Student	Register No.	3|5	4|5	5|5	6|5	7|5	10|5	11|5	12|5	13|5	14|5	17|5	18|5	19|5	20|5	21|5	24|5	25|5	26|5	27|5	28|5
1	KABILAN .R	311817205003	/	/	/	a	/	/	a	/	/	/	/	/	/	/	a	a	/	/	a	/
2	MOHAMEDHA NAZ .N	311817205004	a	a	/	/	/	/	/	/	/	/	/	/	/	a	/	a	/	/	a	/
3	PRAKASH.R	311817205005	/	/	/	/	/	/	/	a	a	a	a	a	/	a	/	a	/	/	a	/
4	RANJITH.T	311817205006	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/	/
5	VIGNESH.V	311817205007	/	/	/	/	a	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
6	VISHNU.T	311817205008	/	/	a	/	a	a	/	a	/	/	/	/	/	/	/	/	/	a	/	/
7	BHAVANI.K	311817205701	/	/	/	a	/	/	/	a	/	a	/	a	/	/	/	/	a	a	/	/
8	BHUVANATHA RSHINI.A	311817205702	/	a	a	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
9	JOTHIKA.M	311817205703	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	a	/	/	a	/
10	VINODHA.K	311817205004	/	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/	a	a

Head-Training

Signature of HoD with date

Format No.: TLP 20   Rev.No.: 01   .Date: 04.01.21

MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING, Chennai - 603103

VAC - STUDENTS NAME LIST

Department of Information Technology

Academic Year: 2020-2021

Name of the Value Added Course : Advanced Python and Introduction to Machine Learning				
Yr / Sem : IV/VIII		Faculty In-charge :	G.Rama Mohan Reddy	
Location :		Duration :	03.05.2021 to 28.05.2021	

Sl.No	Name of the Student	Register No.	Status of Qualifying	Sign of Student
1	KABILAN .R	311817205003	Yes	
2	MOHAMEDHANAZ .N	311817205004	Yes	
3	PRAKASH.R	311817205005	Yes	
4	RANJITH.T	311817205006	Yes	
5	VIGNESH.V	311817205007	Yes	
6	VISHNU.T	311817205008	Yes	
7	BHAVANI.K	311817205701	Yes	
8	BHUVANATHARSHINI.A	311817205702	Yes	
9	JOTHIKA.M	311817205703	Yes	
10	VINODHA.K	311817205004	Yes	
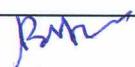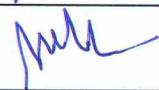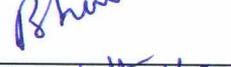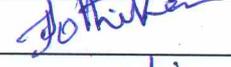
Head-Training
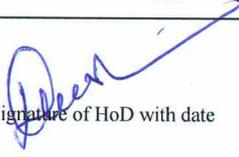
Signature of HoD with date

Format No.: TLP 20   Rev.No.: 01   Rev.Date: 04.01.21

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINE .G
34, Rajiv Gandhi Road (OMR), Siruseri, I
Chennai-603 103.

DEPARTMENT OF COMPUTER SCIENCE ANDENGINEERING(R 2017)

VALUE ADDED COURSE

IVA018 Advanced Python and Introduction to Machine Learning

TIMETABLE

The value-added course can be conducted in the summer vacation for 10 consecutive days covering 30 hours to earn 2 credits by the students.

Day (12.30 PM to 3.30 PM)	Topic	Assessment
Day 1	Unit I	-
Day 2	Unit I &II	-
Day 3	Unit II	-
Day 4	Unit II&III	-
Day 5	Unit III	Assessment Test – I
Day 6	Unit III&IV	-
Day 7	Unit IV	-
Day 8	Unit IV&V	-
Day 9	Unit V& Lab Programs	-
Day 10	Lab Programs	Assessment Test – II

ASSESSMENT I& II PATTERN

Test Duration: 1 Hour

QUESTION PAPER PATTERN:

Part A (50*1 =50 Marks) - Objective Type Questions

Part B (25*2 = 50 Marks) -Analytic & Programming Type Objective Questions

AWARD OF GRADES:

Letter Grade	Grade Points	Marks Range
O	10	91-100
A+	9	81-90
A	8	71-80
B+	7	61-70
B	6	50-60

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

HOD

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

VALUE ADDED COURSE - COURSE CONTENT

Department of Information Technology

Class :IV/VIII   Academic Year: 2020-21

Name of the Value Added Course	Advanced Python and Introduction to Machine Learning	Name of the handling Faculty	G Rama Mohan Reddy

Course Objective
1. To expose students with the basics of managing the Numpy
2.To explore the various analysis of Pandas
3.To examine the basic of Plotting and Visualization
4. To understand the overview of Object Oriented Programming Concepts
5. To understand the Machine Learning concepts

Course Outcome
1 Explain the different Numpy functions
2 Buid the applion on Pandas functions
3 show the Plotting and Visualization
4 Devlop the Object Oriented Programming
5 judge the Machine Learning concepts

Lesson Plan for VAC

Sl. No.	Topic	T / R* Book	Periods Required	Mode of Teaching
1	Creating Arrays-Numpy Data Types	T1	2	PPT
2	Array Mathematics-Array Manipulation	T1	1	PPT
3	Subsetting, slicing , Indexing-boolean	T1	1	PPT
4	Indexing-Array Manipulation	T1	1	PPT
5	Reshaping,Transposing	T1	1	PPT
6	Splitting and combining arrays	T1	1	PPT
7	Inspecting Array and aggregation array.	T1	2	PPT
8	Series-Dataframe	T1	2	PPT
9	Importing pandas- Dictionary into data frames	T1	1	PPT
10	Read and write to CSV and excel	T1	1	PPT
11	Selecting, boolean indexing	T1	1	PPT
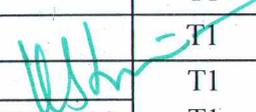
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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

IVA018 Advanced Python and Introduction to Machine Learning

L	T	P	C
0	0	2	1

Advanced Python and Introduction to Machine Learning Course Curriculum

Objective of this course

- To learn Advance mathematical libraries of python.
- To understand data exploration and data wrangling.
- To perform data visualization ,experting and importing file contents.
- To understand basics of machine learning

Numpy
4 + 2

Creating Arrays-Numpy Data types-Array Mathematics-Array Manipulation-Subsetting,Slicing,Indexing-boolean Indexing-Array Manipulation –Reshaping,Transposingm,Splitting and combining arrays-Inspecting Array and aggregating array.

Pandas
4 + 2

Series- Dataframe-Importing pandas-Dictionary into data frames ,read and write to CSV and Excel,Selecting,Boolean Indexing,Setting,dropping,soring,filling missing values,getting dataframe information and retrieving series,summary and applying lambda function.

Plotting and Visualization
4 + 2

Figures-Subplot-Colors-Markers-Linestyles-Ticks-Labels-Legens-drawing subplots-Lineplot-Barplot-Scatter Plot-Histograms.

Object Oriented Programming
4 + 2

OOPS concepts- creating class-Object-accessing class members-inheritance-abstract class.

Introduction to Machine Learning
4 + 2

Introduction to Machine Learning – types of learning – supervised – unsupervised – K means Clustering – Hierarchical Clustering.

Mini Project

Pre requisite : Python Programming **Total period:** 20+10(practice& project)= 30 periods

ANNA UNIVERSITY :: CHENNAI - 600025.
OFFICE OF THE CONTROLLER OF EXAMINATIONS
Provisional Results of April / May Examination,2021.

Inst.Code/Name : 3118 - MOHAMMED SATHAK A.J.COLLEGE OF ENGINEERING   Semester No. : 08   DATE OF PUBLICATION :DD-MM-YYYY

Branch : 205-B.Tech. Information Technology

Reg. Number	Subject Code -> Stud. Name	CS8080 Grade	GE8076 Grade	IT8811 Grade	IVA018 Grade
311817205003	KABILAN R	B	A	B+	A
311817205004	MOHAMEDHANAZ N	A	A	A+	A+
311817205005	PRAKASH R	A+	A+	A+	A+
311817205006	RANJITH T	B+	B+	A+	A+
311817205007	VIGNESH V	A	A	B+	A
311817205008	VISHNU T	A	A	A+	A+
311817205701	BHAVANI K	A+	O	A+	O
311817205702	BHUVANATHARSHINI A	A+	A+	A+	O
311817205703	JOTHIKA M	A+	A+	A+	O
311817205704	VINODHA K	B+	A	A+	O
311818205004	FOUZIA M A		O		

MOHAMED SATHAK A J COLLGE OF ENGINEERING

Department of Information Technology

Innovative Teaching Methodology

S.No	Subject Name	ITM Tool	Topic
1.	Problem Solving and Python Programming	Z-A Technique	List,Tuple
		Project Based Learning	I/O Functions, Conditional Statements, List, R/W Files
		Flipped Class Room	Sorting Techniques
		Role Play	Retail Bill Preparation
2.	C Programming	Z-A Technique	Conditional Statements
		Z-A Technique	Array, Queue, List Comparison
		Flipped Class Room	Searching and Sorting Techniques
		Seminar	Structures and Union
3.	Data Structures	Z-A Technique	Linked List
		Z-A Technique	Queue
		Flipped Class Room	Bubble Sort
		Group Discussion	Graph
4	Computer Networks	Z-A Technique	Data Transfer
		Flipped Class Room	Shortest Path Algorithm
		Project Based Learning	Routing
		Role Play	Real Time Applications
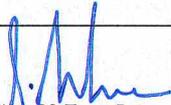
Staff-In charge

HOD-IT

Sample of Innovative Teaching Methods
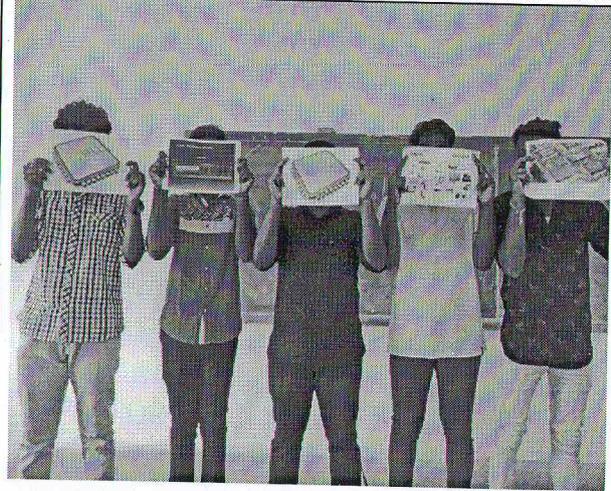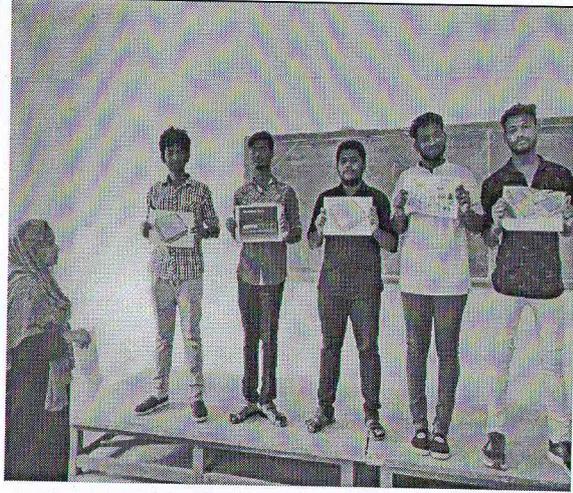
Role play for the course Operating System
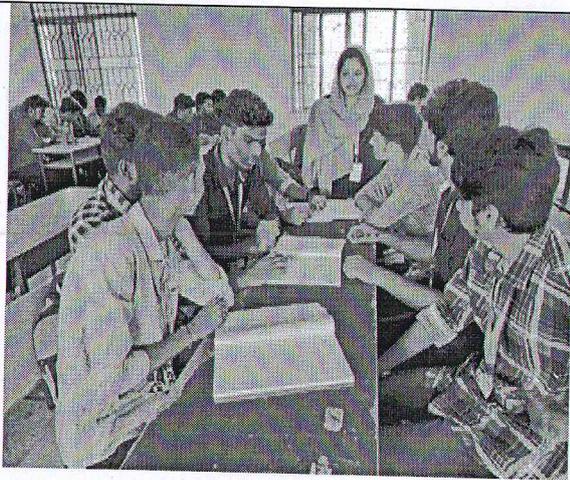
Group Discussion on Software Testing

Seminar on Operating System

MOHAMED SATHAK AJ COLLEGE OF ENGINEERING,CHENNAI-603103

STUDENTS CO-CURRICULAR PARTICIPATION/ACHIEVEMENTS DETAILS

Department   Information Technology   Academic Year :   2020-2021

S.No	Name of the Students	Year/ Sem/Sec	Name of the Competition	Date	Organised by	Level	Name of the Event	Prizes Won	Remarks
1	NIZAMULHAQ	II Year IT	SWADESHI Microprocessor Challenge 2020	18-08-2020 to Upto date	IIT Madras and C-DAC, powered by FPGA Boards of XILINUX which is supported by CoreEL Technologies			Top 100	
2	GANGA, LUBNA, HAMZA,SAJITHA, SHAHIDHA, MOHAMED	II Year IT	Smart India Hackathon 2020	01-08-2020 to 03-08-2020	The Smart India Hackathon (SIH) is organized by the Ministry ofHuman Resources Development and All India Council for Technical Education (AICTE)			Participated in Final	
3	S. Praveen Kumar(II IT), J. Syed Abbas Ali(I IT), J. Imaam Jaffar(I IT)	I & II Year IT			PREETHI ,Thalambur, Chennai.		Preethi E-Learning project		

Supporting Documents   1. Copy of Certificate   2. Photographs

Format No : TLP 36   Rev.No : 1.0   Sign of the HoD with date

                                                 Rev. Date : 04.01.21

सी डैक
CDAC

my
GOV
मेरी सरकार

Maker
Village

Ministry of Electronics and Information Technology
Government of India

स्व शी MICROPROCESSOR
CHALLENGE

CERTIFICATE OF PARTICIPATION

THIS CERTIFICATE IS AWARDED TO

NIZAMULHAQ S

for participating as a Semi Finalist under
'Swadeshi Microprocessor Challenge 2020'

Smt. Sunita Verma,
Sr. Director, MeitY

Issued on : 22/09/2021
Issued by : MeitY

verified
PRONETIN

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MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Organisers MHRD MIC (AICTE) Persistent Platinum Partners aws

Certificate of
PARTICIPATION
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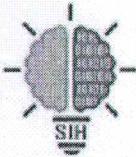
SMART INDIA
HACKATHON
2020

FTWARE EDITION

Grand Finale
, 2ⁿᵈ & 3ʳᵈ Aug. 2020

M.Ganga

of team _____HELLFIRES_____

for participating in

"Smart India Hackathon 2020"

Certificate Uniqid: 936440621

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Dr. Anil D Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO,MIC,MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee
Smart India Hackathon 2020

Partners cisco DEVNET (intel) KPIT | Communication Partner Suma | Media Partner

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Chennai-603 103.

Organisers MHRD · MIC · Persistent · **Platinum Partner** aws

Certificate of

PARTICIPATION

This Certificate is awarded to

Lubna

of team   **HELLFIRES**

for participating in

"Smart India Hackathon 2020"
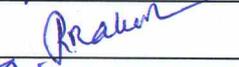
SIH

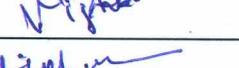**SMART INDIA HACKATHON 2020**

SOFTWARE EDITION

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1st , 2nd & 3rd Aug. 2020

MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
PRINCIPAL
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Dr. Anil D. Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Abhay Jere
Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Anand Deshpande
Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee,
Smart India Hackathon 2020

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Certificate Uniqid: 971302

Partners cisco DEVNET · (intel) · KPIT | **Communication Partner** Suma Soft | **Media Partner**

Organisers MHRD MIC Persistent Platinum Partner aws

Certificate of
PARTICIPATION
This Certificate is awarded to

N.Sajitha

of team _____ HELLFIRES _____

for participating in

"Smart India Hackathon 2020"

SMART INDIA
HACKATHON
2020

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1st, 2nd & 3rd Aug. 2020

Dr. Anil D. Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee,
Smart India Hackathon 2020

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Partners DEVNET intel KPIT | Communication Partner | Media Partner

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Chennai-603 103.

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of team   HELLFIRES

for participating in

"Smart India Hackathon 2020"

Dr. Anil D. Sahasrabudhe
Chairman, AICTE
Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee,
Smart India Hackathon 2020

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Secretary, Higher Education
Ministry of Education
Government of India

Certificate Uniqid: 971302

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K.Shahidha

of team   HELLFIRES

for participating in

"Smart India Hackathon 2020"

SMART INDIA HACKATHON 2020

SOFTWARE EDITION

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1st , 2nd & 3rd Aug. 2020

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Chennai-603 103.
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Dr. Anil D. Sahasrabudhe
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Chairman, Organizing Committee,
Smart India Hackathon 2020

Dr. Abhay Jere
CIO, MIC, MHRD
Organizing Committee,
Smart India Hackathon 2020

Dr. Anand Deshpande
Chairman and MD, Persistent Systems
Co-Chairman, Organizing Committee,
Smart India Hackathon 2020

Sh. Amit Khare
Secretary, Higher Education
Ministry of Education
Government of India

Certificate Uniqid: 971302

Partners   cisco DEVNET   (intel)   KPIT | Communication Partner   Suma Soft | Media Partner

Programmes Conducted by the Institution through NSS / NCC / Red Cross / YRC.

Year	Name of the Event
2018-2019	SCHOOL CLEANING PROGRAMME
2018-2019	PLASTIC FREE CAMPAIGN
2018-2019	GAJA CYCLONE RELIEF MATERIAL DISTRIBUTION
2018-2019	HELMET AWARENESS PROGRAMME
2018-2019	ROAD SAFETY AWARENESS
2018-2019	SWACHH BHARAT
2018-2019	TEACHING COMPUTER SKILLS TO THE SCHOOL STUDENTS
2018-2019	CLEANING HISTORICAL PLACE – MAHABALLIPURAM
2018-2019	NATIONAL VOTERS DAY CELEBRATION
2018-2019	DENGU AWRENESS PROGRAMME

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Chennai-603 103.

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(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.
Ph: 27470021, 23, 24 & 25 Fax: 27470022

Our NSS students cleaning the School

NSS PO

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Chennai-603 103.

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(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.
Ph: 27470021, 23, 24 & 25 Fax: 27470022

LIST OF THE STUDENTS PARTICIPATED

S. No.	Name of the students	Branch	Year
1	FAYAZ HUSSAIN T	MECH	I
2	IZASH AHAMED ALI H	MECH	I
3	KABOOR SHALIP S	MECH	I
4	MANIKANDAN R	MECH	I
5	MOHAMED ASIF S S	MECH	I
6	MOHAMED FARIS S	MECH	I
7	MOHAMED RAZUL P	CIVIL	I
8	MOHAMMAD QASSIM A	CIVIL	I
9	SHAIK MOHAMMED SAIF S	CIVIL	I
10	SHAIK SALAVUDEEN H	CIVIL	I
11	SANJITH S	EEE	I
12	FOUZIA M A	IT	I
13	HUMAIRA Y	IT	I
14	JOSHITHA J	IT	I
15	MOHAMED HISAM T	IT	I
16	MOHAMED IMRAN A	IT	I
17	ABIRAMI S	CSE	I
18	AKSHAL C	CSE	I
19	ALTHAF A	CSE	I
20	ANAS AHAMED A	CSE	I
21	ATHISH K S	CSE	I
22	BALAJI M	CSE	I
23	CHANDRAPRAKASH S R	CSE	I
24	Ahamed Mukshith M	MECH	II
25	Akash R	MECH	II
26	Arun Prasath R	MECH	II
27	Atheeq Mohammed Owaiz	MECH	II
28	Azbaq Meeran F	MECH	II
29	Chandrasekar G	MECH	II
30	Hassain K	EEE	II
31	Maf.Khaja Mohideen	EEE	II
32	Rajkumar.C	ECE	II

MOHAMED SATHAK
A. J. COLLEGE OF ENGINEERING
SIRUSERI IT PARK, OMR, CHENNAI 603 103

Department Of Electronics and Communication Engineering

IETE -Professional Society - ACTIVITIES -2020

Sl. No	Name of the activity/Coordinators	Date	Nature of Participants	No of Participants-Registered	No of Participants-Attended	Resource Persons	Prize/honorarium
1	Inter Department QUIZE – IETE Students Forum Coordinator – Mr. M.L. SyedAli AP/ECE	12/02/20	All Departments students in MSAJCE	95	95	-	3 Teams Won- 11 Students

LIST OF PARTICIPATION

MOHAMED SATHAK
A J COLLEGE OF ENGINEERING
SIRUSERI IT PARK, OMR, CHENNAI - 603103

Department of ECE & EEE

IETE sponsored Inter department Technical Quiz

Venue   219-220-221

Date : 12-02-2020

REGISTRATION FORM

SNO	NAME OF THE STUDENT	BRANCH	YEAR	SIGNATURE
1	Mohamed Abdulla K	Civil	II	
2	Mohamed Rozal	Civil	II	
3	Syed Riyaz	Civil	III	
4	Antony Dawshrorr	Civil	IV	
5	Arun	Civil	IV	
6	Fazeal Ahangh s	CMI	IV	
7	Jias ahamed	CMI	IV	
8	Akshal	CSE	III	
9	Althaf	CSE	III	
10	Balaji	CSE	III	
11	Divya	CSE	III	
12	Chandraprakash	CSE	III	
13	Dinesh	CSE	IV	
14	Fahima s	CSE	IV	
15	Fahira s	CSE	IV	
16	Javid ali-I	CSE	IV	
17	Kavasandi	CSE	IV	
18	Manoj	CSE	IV	
19	Mohamed Fayaz	CSE	IV	
20	Naina Mohamed	CSE	IV	
21	Nawendira	CSE	IV	
22	Nrranjan	CSE	IV	
23	Faisal Ahamed	CSE	IV	
24	Shazana Fathima	CSE	IV	
25	Naveen Kumar	CSE		
26	Nithyadharshini	CSE		
27	Ratamathullah	CSE	IV	
28	Salejya	CSE	IV	
29	Soandariya	CSE		
30	Santhosh Raja	CSE	IV	
31	Saleem Ahamed	CSE	IV	

No.	Name	Dept	Year	Signature
32	Mohamed Ihsaam	EEE	III	
33	Sanjith	EEE	III	
34	Jobin moses	EEE	III	
35	Mohamed Nihath	EEE	IV	
36	Khaja Mohideen	EEE	IV	
37	Mohamed Amith	EEE	IV	
38	Yuvaraj	ECE	III	
39	Vasanth	ECE	III	
40	Najibudeen	ECE	III	
41	Kiran	ECE	IV	
42	Hameed Ziyath	ECE	IV	
43	Mohamed Abdul	ECE	IV	
44	Mohamed Shafiq	ECE	IV	
45	Mohamed sualih K	ECE	IV	
46	Rajkumar C	ECE	IV	
47	Subash G	ECE	IV	
48	Asif J	MECH	III	
49	Fayas Hussain	MECH	III	
50	Mari kandan	MECH	III	
51	Mohamed nuhan	MECH	III	
52	Mohamed Sameer	MECH	III	
53	Mohamed Safis	MECH	III	
54	Mohammad Adil	MECH	III	
55	Shahida P	MECH	III	
56	Arun kumar	MECH	III	
57	Purushothaman	MECH	III	
58	Chandru	Mech	III	
59	Arun Prasath	MECH	IV	
60	Harikrishnan	Mech	IV	
61	Gandhi subash k	MECH	IV	
62	Imran	MECH	IV	
63	Jamal Ul Ashraq	MECH	IV	
64	Kireesh Kiran	MECH	IV	
65	Manoj kumar K	MECH	IV	
66	Mohamed askar	MECH	IV	
67	Mohamed Fahim	MECH	IV	
68	Mohamed Musraf	MECH	IV	
69	Mohamed Razldan	MECH	IV	
70	Mohamed sathik A	MECH	IV	
71	Mohamed suhail	MECH	IV	
72	Mohamed Yousuf	MECH	IV	
73	Pandidurai	MECH	IV	
74	Sabik Mohamed	MECH	IV	
75	Arifudullah	MECH	IV	
76	Vishnu	MECH	IV	
77	Gokul	MECH	IV	
78	Ibrahim	MECH	IV	
79	Fawaz Mohamed	IT	III	
80	Fauzia	IT	III	
81	Humaira	IT	III	

| No.	Name	Dept	Year	Signature
82	Joshitha	IT	III	
83	Mohamed Imran	IT	III	
84	Mohamed Sultan	IT	III	
85	Mohamed Ishaan	IT	III	
86	Safwan Abdul	IT	III	
87	Shamsudeen	IT	III	
88	Mohamed Hanaf	IT	IV	
89	Prakash	IT	IV	
90	Ranjith	IT	IV	
91	Vishnu	IT	IV	
92	Bhavani	IT	IV	
93	Bhuvanadharshini	IT	IV	
94	Sahiba	IT	IV	
95	Vinotha	IT	IV	

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CERTIFICATE TEMPLATE

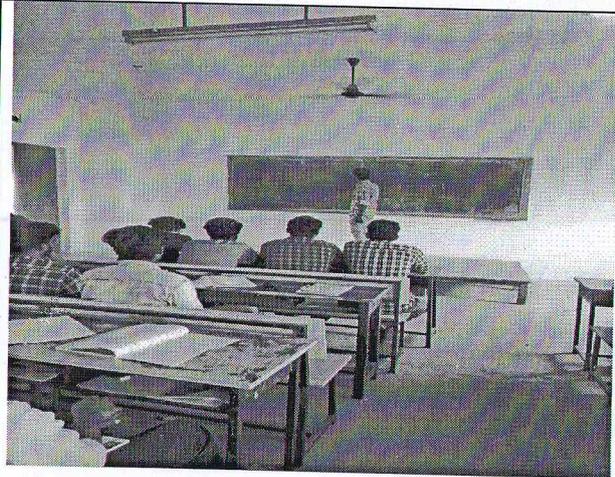# MOHAMED SATHAK A J COLLEGE OF ENGINEERING
34, Rajiv Gandhi Salai, Siruseri IT Park, OMR, Chennai - 603103

Department of ECE & EEE
In Association with
IETE STUDENTS' FORUM

TECHNICAL QUIZ

Certificate

This is to certify that Mr/Ms _____ of _____ year studying in the

Department of _____ has Won the _____ Prize in the Inter

department Technical Quiz program organized by IETE Students' Forum held on 12 - 02 - 2020.

Dr. E.Dhiravidachelvi
HOD-ECE

Dr. K.S. Srinivasan
Principal

PHOTOS

Department of ECE and EEE conducted Inter department Technical Quiz sponsored by IETE Students' forum on 12-2-2020

Phone: +91-44 - 2747 0024 / msajce.office@gmail.com / www.msajce-edu.in

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34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

MOHAMED SATHAK
A J COLLEGE OF ENGINEERING
SIRUSERI IT PARK OMR CHENNAI 603 103

Department of ECE and EEE conducted inter department Technical Quiz
sponsored by IETE Students' forum on 12-2-2020

Phone: +91-44 - 2747 0024 / msajce.office@gmail.com / www.msajce-edu.in

Placement Event

Placement Event	Date	Number of students	Name of the agencies / Consultants involved
Soft Skill Training Program	20/07/2019 to 02/08/2019	174	Trainer Mr. Joshua
Soft Skill Training Program	18/ 01/ 2020 to 22/ 01/ 2020	156	SMART Training Resources

MOHAMED SATHAK
A. J. COLLEGE OF ENGINEERING
SIRUSERI IT PARK, OMR, CHENNAI 603 103

Ref.No: MSAJCE/PT-0016 /2019-2020   Date: 16.07.2019

Department of Placement and Training

CIRCULAR

It is hereby informed to all the final year students that the Soft Skill Training program by the Trainer Mr.Joushua is arranged on **20.07.2019 to 02.08.2019 between 2.00pm to 3.30pm at ground floor Auditorium**. All are advised to attend without fail.

Placement Coordinator   Placement Officer   Principal
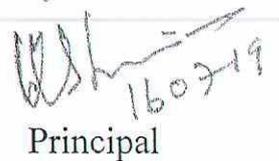
Copy to:

- The Director
- Admin Office
- All HOD & Staffs (To be read in class)
- Office File

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

Soft Skills Training Program by Mr.Joshua Trainer from 20-07-2019 to 02-08-2019.

PRINCIPAL
MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
EGATTUR 603 103.
KANCHIPURAM DT.

Mohamed Sathak A.J.College of Engineering

Attendance of Soft Skill Training Program - 22.07.2019

S.No	Register No	Name of the Student	Branch	Feedback	Sign
1.	311816104025	Sabira Mariyam	CSE	Interactive session	Sabira.
2.	311816104038	Tabassum Hajira	CSE	Interactive	Tabas
3.	311816104003	Afreen Begum	//	Good and Energetic	Afre.
4.	311816104007	ASISHA Bee	//	Excellent	
5.	311816104036	SUMAIYA SARA	//	Excellent	
6.	311816104037	SWETHA	//	Excellent	
7.	311816145003	JAKUL CHANTHINI	MSE	Excellent	Jaky.
8.	311816104032	SHEIK ABDULLAH. M	CSE	vera lerelu.	M.M Am
9.	311816104022	M.PARANTHAMAN	CSE.	Excellent	mML
10.	311816104018	Mohammed Fayas Ahmed MF	CSE	Marvellous.	Syam
11	311816104014	Harifan	//	//	
12	311816104017	Mohamed Vaseem	CSE	Interactive	
13	311816104501	Sumsudhan	//	Interactive	A.S.
14	4013	Fasith	CSE	Marana mass	
15.	311816104031	Shakeel	CSE	Not Bad	
16	4006	Sarvath	//	beautiful	
17	311816104016	Irfan	//	Good	
18	311816104009	Thoufeek	//	//	
19	311816104039	Soofi	//	.	

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Attendance of Soft Skill Training Program - 22.07.2019

S.No	Register No	Name of the Student	Branch	Feedback	Sign
1	31181614500	Q. Akam	MSE	NOT BAD	
2	311816145004	T-Syed Anwar	MSE	GOOD	
3	311816145002	H-Ashraf. Hussain	MSE	NOT BAD	
4	311816145005	Udhay Raghav	MSE	Good	
5	311816145003	MS.R jakul Chauthini	MSE		
6	311816104035	SULTHAN MOHAIDEEN MA	CSE	NICE	
7	311816104	Shailesh Sivam	CSE	Good	
8	311816104	J.John Abishalu	CSE	Good	
9	311816104006	A.P.ArunPrasanth	CSE	Good	
10	311816104033	T.shywan	CSE	Good	
11	311816104	shaik abbas	CSE	Good	
12	311816104028	R.Sanjay Kumar	CSE	NICE	
13	311816104040	D.Venkesh	CSE	GOOD	
14	311816104	N.Jaiprakash	CSE	Good	

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Attendance of Soft Skill Training Program - 24.07.2019

S.No	Register No	Name of the Student	Branch	Feedback	Sign
1.		S. Suviya	IT	Good motivation	S. Suviya
2.		V. Vinthiya	IT	good teaching	V. Vinthiya
3.		A. Tamilselvi	IT	learn something new	A. Tamilselvi
4.		A. Ashwini	IT	Good	A. Ahwi
5.	311816205005	Mahalakshmi·P	IT IV	useful to us	
6.	311816205004	HARIKRISHNAN PC	IT IV	Motivation Determination good & Reach	
7.	311816103026	Suman·E	Civil-IV	Extraordinary	
8.	311816103022	Riswin·k.	civil IV	Motivated more	R.
9.	311816205002	Deewan	IT IV	Nice	
10.	311816205007	Fazial	"	"	
11.	311816103007	J. LINGESHWARAN	CIVIL IV	Good Motivation	
12.	311816103025	Shahid Afridi.	Civil IV	Awesome.	
13.	311816103004	Gulam Kadhar	"	Extra ordinary	M.C.
14.	311816205012	Thiyagarajan	IT (IV)	Extra ordinary (veralu)	
15.	311816205000	L. Raja Surya	IT (IV)	Awesome (verla	
16.	311816205008	Noufal ahmed	I.T.	Good	
17.	311816205010	Rakesh	I. T	Good	R
18.	311816205011	Suhail Rasheed	I T	Massive & Awesome	
19.	311816103302	m. mohamed Hashir	Civil IV	Awesome	m
20.	311816103014	mohamed Fazith	civil IV	good	
21.	311816103001	Gaffoor Jassim	civil IV	Awesome	Jasim
22	311816103016	A. Mohamed Salman	CIVIL IV	Awesome	Sdo.
23.	311816103008	Mahrith Mohamed	CIVIL IV	Awesome	Mah.
24	311816103301	M. Ameer Suhail	civil IV	Good	
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Mohamed Sathak A.J.College of Engineering

Attendance of Placement Soft Skill Training Program - 25.07.2019

S.No	Register No	Name of the Student	Branch	Feedback	Sign
1	31181611400 M.HITHAYATH RILWAN	Mech	Good	
2	311816114018	V.HARISUNDAR	MECH	V.Good experience	
3	311816114002	D.JAYA PRAKASH	MECH	V.Good experience	
4	311816114009	M.F.AZARUDEEN	MECH	V.Good Experience	
5	311816114015	A.GUHAN	MECH	Good	
6	311816114011	V.a.Charan Kumar	MECH	Good	
7	311816114009	MD.ABDULLAH	MECH	Awesome	
8	311816114302	S.Mohamed Sharafaas	Mech	Good	
9	31181611400	D.Dinesh	Mech	Good	
10	311816114002	V.ABINASH	Mech	Awesome	
11	311816114005	S.AFROSE SHERIF	MECH	Good	
12	311816114008	N.ARUN	MECH	Awesome	
13	311816114028	S.Mohamad Asgar	Mech	Excellent	
14	311816114030	M.H Mohamed Akhaf	Mech	Excellent	
15	311816114033	S.Mohamed ashik	mech	Excellent	
16	311816114038	D.Md. Khan	Mech	"	
17	311816114024	M.Icarthy	Mech	Excellent	
18	311816114303	MOHAMED ZIAUDEEN A	mech	Awesome	
19	311816114012	K.Dhananchezian	Mech	Good Teaching	
20	311816114201	A.Abdul Rahuman	mech	Awesome	
21	311816114032	mohamed Anas kassim	mech	Excellent	
22	311816114040	Mohamed Mubarak S.S.	Mech	Excellent	
23	311816114020	I.SATH.A	Mech	Awesome	

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EGATTUR-603 1
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Total— 40
Present— 25
Absent — 15

Mohamed Sathak A.J.College of Engineering

Attendance of Soft Skill Training Program - 29.07.2019 Timing 2.00 p.m. to 3.30 p.m.

S.No	Register No	Name of the Student	Branch	Feedback	Sign
1.	311816104032	SHEIK ABDULLAH	CSE	Interactive Session	MSA Au
2.	311816104031	SHAKEEL	"	Good.	S.J.Sh
3.	311816104016	Sarvath Khan	CSE	Interactive class D	Sar
4	311816104021	N.Naveen kumar	CSF	Good	Naf
5.	311816104000	Karthikeyan.B	CSE	vrood	Karthikeyan
6.	311816104040	VENKATESH.D	CSE	Good	VD
7.	311816104026	S.SADID AHMED	CSE	Good	S.b Atl
8	311816145004	Syed Anwar	MS	Good	
9	311816145002	Ashraf hussain	M-S	I love it	
				PRINCIPAL MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING EGATTUR-603 103. KANCHIPURAM DT.	

Mohamed Sathak A.J.College of Engineering

Attendance of Soft Skill Training Program - 29.07.2019 Timing 2.00 p.m. to 3.30 p.m.

S.No	Register No	Name of the Student	Branch	Feedback	Sign
1.	Md.fasith	311816104013	CSE	Very Nice sir Superb	
2.	M.F.fayaz	311816104018	CSE	Amazing	
3.	Soofi	311816104039	CSe	Superb	
4.	Karthi	311816104010			
5.	Shailesh	311816104030	C.S.E	Good	S. Ssuram
6.	Sajid	311816104			
7.	Venkatesh	311816104040			
8.	Sulthaan	311816104035	CSE	learn something new	
9.	John Abishake	311816104009	CSE	Good to learn something	J-Johathan
10.	Samsudheen	311816104501	CSE	Good session	A.
11.	Shywan	311816104033	CSE	Very nice	T.shija
12.	Sheik Abdullah				
13.	Sheik Abbas	311816104029	CSE	Good	K. lori
14.	Jaiprakash Jk	311816104008	CSE.	Good	

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Attendance of Soft Skill Training Program - 30.07.2019, AF- 02.00 p.m. to 03.30 p.m.

Trainer Name: Mr.Joshua

S.No	Register No	Name of the Student	Branch	Feedback	Sign
1	31181611403y	mohamed faheem	Mech	good	
2	31181611402	8. Mohamod Abbas	Mech	excellent	
3	311816114030	M.H Mohamed Aythof	Mech	good	
4	31181611403	s. mohamed Ashik	mech	excellent	
5	311816114005	Ahan Sherif . 8	Mech	V.V. Good	
6	31181611430	ZIAUDEEN. A	moch	excellont.	
7	31181611402	ICARTHY-M	//	Good	
8	311816111403	Mohamed Ishan	Mech	Good	
9	31181611410	N. Abuthahir	mech	Nice	
10	31181611400	N. Arun	mech	Good	
11	311816114002	Abinash. V	Mechan	Good	

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KANCHIPURAM DT

Mohamed Sathak A.J.College of Engineering

Attendance of Soft Skill Training Program - 30.07.2019, AF- 02.00 p.m. to 03.30 p.m.

Trainer Name: Mr.Joshua

S.No	Register No	Name of the Student	Branch	Feedback	Sign
1	311816114014	Dinesh . D	Mech	Good	D. Di
2	311816114300	S. Sharafraz	Mech	Good	
3.	311816114036	S.Mohamed Imran	Mech	Good	
4	311816114301	M. Meeran Mohideen	Mech	Good	
5	311816114012	K. Dhananchezian	Mech	Good	K.
6	311816114022	M.Junaid Ahamed	Mech	V. Good	
7	311816114015	A. GUHAN	Mech	Helpful & Informative	A. Guha
8	311816114009	M.F. AzaruideeN	Mech	Good	
9	311816114048	V. Harisundar	mech	V. Good	
10	311816114023	S. Kamal-Amirtha Raj	Mech	Really Interesting	
11	311816114011	V.G.charan Kumar	Mech	Good and interactive	
12	311816114020	IZSATH.A	Mech	Awesome	
13	311816114001	A.Abdul Rahuman	Mech	Interesting	
14	311816114007	A.Akil Ahamed	Mech	Interesting	
15	311816114027	N Mazsih Mohamed	mech	Good	N. Naz
16	311816114019	M Hariprasath Diwa	mech	Good experience	
17	311816114021	Jayaprakash	mech	Good	
18	311816114031	Anees kachmin	mech	Good	

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Attendance of Soft Skill Training Program - 31.07.2019, AF- 02.00 p.m. to 03.30 p.m.

Trainer Mr.Joshua

S.No	Register No	Name of the Student	Branch	Sign	feedback
1.		V. Vindhiya	IT IV	V. Vindhiya	good
2.		S. Suviya	IT IV	S. S.	good motivation
3.		A. Ashwini	IT IV	A. Ash	good motivation somka
4.		A. Tamilselvi	IT IV	A. Tamil	loorn new
5.	311816205005	Mahalakshmi.P	IT IV	M	saiuefeel
6.	311816103004	Gulam Kadhar. M.	Civil IV	Gfhf	Interesting
7.	311816103027	Thameemul Ansari.	"	A.Tp	Excellent
8.	311816103019	A. Rahamanullah	CIVIL - IV	F. Mrj	wbrth. for spending time with them.
9.	311816103006	Irfan Ahamed.	"	Draform	usoful
10.	311816103014	Mohamed Fazith	civil -IV	Imfan	Good motiv
11.	311816103012	A. MOHAMED ASLAM	"	Aly	Attractive, & Interactive

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KANCHIPURAM DT.

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Attendance of Soft Skill Training Program - 31.07.2019, AF- 02.00 p.m. to 03.30 p.m.

feedback

Trainer Mr.Joshua

S.No	Register No	Name of the Student	Branch	Sign	
1	3118162050002	Deewan	IT IV		FAIR
2	311816205009	Raja Surya	IT IV	A.Raja Surya	Excellent
3	311816205010	Jikihail Raseedh	''		Interactive
4	311816205012	Thuyaga Rajan	''		OK.---
5	311816103018	Mohamed yaseen	civil IV	M.Mohanraj	Good
6	311816103302	M.Mohamed Hashir	Civil -IV	m Hash	Good
7	311816103015	H.Mohamed ghous	''	H. M	Excellent
8	311816103015	Manraj Ahmed	''	N. AM	good
9	311816103001	Grajansi Jaisim	''	M.h.Jai	better
10	311816103017	Thameem Ansari	''	B mt	Perfect
11	311816103008	Mahuith mohamed	''	Mohnithah.	Good
12	311816103016	Salman	''	A.Sal	Good
13	311816103025	Shahid Apiqi	CIVIL IV	B.Apiqi	Good

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IT - 4
CIVIL - 9

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Attendance of Soft Skill Training Program – 02.08.2019, AF- 02.00 p.m. to 03.30 p.m.

Trainer Mr.Joshua

S.No	Register No	Name of the Student	Feedback	Branch	Sign
1.	31181610500q	Soundariyan R.C.	Good	EEE	
2	311816105308	S. Mohamed Fayah	Good	EEE	Srufayah
3.	31181610530y	MOHAMED KHAJA HUSSAIN	Good	EEE	
4	311816106003	m Ahsaavi	Better	ECE	
5	311816106024	S. SUDHARSHAN	Good	ECE	
6.	311816106701	B. Navash	Good	ECE	Babloo
7.	311816105303	S. Mohamed Fazil	Good	EEE	S. Mod. Fazil
8.	311816105004	MOHAMED MUSHRAF.A	Good	EEE	
9.	311816105301	M. Mohamed Bhasarath	good	E.E.E	M. Bhasa
10	311846106025	N. Syed Ansari	superb' neenga	ECE	A. Dharti
11	311816106007	A. DHARVESH	"	ICE	
12	311816106022	STEPHEN SMOKIE	"	ECE	
13.	311816106702	THANSEER	GREAT	ECE	Thon
14.	311816105007	S. Salees Ahmed	GREAT	EEE	
15	311816105008	A. SAFRANA	GOOD	EEE	Safra
16.	311816106021	S. Shakira Fathima	Good	ECE	Shakey
17	311816106016	Raheel Fahima	Good	ECE	Raby
18	311816106005	Badhurun Fashana.S	Excellent	ECE	S. Badyfa

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Final - 11 - 1 absent   = 38   = 20 absent (10 Tes ninja)

EEE
27 -   1 absent

MOHAMED SATHAK ENGINEERING COLLEGE, CHENNAI - 603103
PLACEMENT EVENT

COMPUTER SCIENCE ENGINEERING				
Year : 2020-2021				
2020-2021	FAHIRA.S	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2020-2021	NAJEEHA BANU	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2020-2021	FAHIMA.S	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2020-2021	JASIR HUSSAIN	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2020-2021	Asif Fayaz S	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2019-2020	Aayisha M	BE-Computer Science Engineering	WorksBot Applications Pvt Ltd, Chennai	2.80 LPA
2019-2020	Asif Fayaz S	BE-Computer Science Engineering	WorksBot Applications Pvt Ltd, Chennai	2.80 LPA
2019-2020	Jasir Hussain	BE-Computer Science Engineering	WorksBot Applications Pvt Ltd, Chennai	2.80 LPA
2019-2020	Mohamed Riyaz M A	BE-Computer Science Engineering	WorksBot Applications Pvt Ltd, Chennai	2.80 LPA
2019-2020	Mohamed Nazeer A	BE-Computer Science Engineering	WorksBot Applications Pvt Ltd, Chennai	2.80 LPA
2019-2020	Naveen Kumar S	BE-Computer Science Engineering	WorksBot Applications Pvt Ltd, Chennai	2.80 LPA
Year : 2019-2020				
2019-2020	AFREEN BAFAKY	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2019-2020	MOHAMMED HUSSAN	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2019-2020	MOHAMED FASITH .B	BE-Computer Science Engineering	BSA CORPORATION LTD	
2019-2020	PARANTHAMAN. M	BE-Computer Science Engineering	BSA CORPORATION LTD	
Year : 2018-2019				
2018-2019	K R HIDHAYANTHUN	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2018-2019	PRADEEPA BHAGARAJAN	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2018-2019	FATHIMA ATHEELA	BE-Computer Science Engineering	SUTHERLAND	2.50 LPA
2018-2019	Ms. Abrami R	BE-Computer Science Engineering	Atis technologies	4.80 LPA
2018-2019	G.Manoraja	BE-Computer Science Engineering	Codilar Technologies,Chennai	1.25 LPA
2018-2019	Jamela Rukshana A	BE-Computer Science Engineering	Codilar Technologies,Chennai	1.25 LPA
2018-2019	KARTHIKEYAN. R	BE-Computer Science Engineering	Elcamino Software Pvt Ltd	2.60 LPA
2018-2019	G.Kartheeswaran	BE-Computer Science Engineering	Elcamino Software Pvt Ltd	2.60 LPA
2018-2019	THOUFIQ ANSARI K.S	BE-Computer Science Engineering	Elcamino Software Pvt Ltd	2.60 LPA
2018-2019	MEERAAN SHA A.R	BE-Computer Science Engineering	ZOHO Corporation Private Limited	4.80 LPA
Year : 2016-2017				
2016-2017	seethala .R	BE-Computer Science Engineering	Logicark	15000 PM
2016-2017	Yuvarani .L	BE-Computer Science Engineering	Logicark	15000 PM
2016-2017	Arun Kumar .M	BE-Computer Science Engineering	Open Wave technologies	15000 PM
2016-2017	Abdul Fasith M	BE-Computer Science Engineering	Open Wave technologies	15000 PM
2016-2017	Mosima Thabassum	BE-Computer Science Engineering	Open Wave technologies	15000 PM
2016-2017	Firdose Afsar	BE-Computer Science Engineering	Sanjiv Goenka Group	1.80 LPA
2016-2017	K.Md.Asif	BE-Computer Science Engineering	Sanjiv Goenka Group	1.80 LPA
2016-2017	shaif suhail ahmed	BE-Computer Science Engineering	Sanjiv Goenka Group	1.80 LPA
2016-2017	lubna A mathul	BE-Computer Science Engineering	Sanjiv Goenka Group	1.50 LPA
2016-2017	Sri Vidya S	BE-Computer Science Engineering	Sanjiv Goenka Group	1.80 LPA
2016-2017	Ashiya Begum R	BE-Computer Science Engineering	Sanjiv Goenka Group	1.80 LPA
2016-2017	Sandhiya Devi K	BE-Computer Science Engineering	Sanjiv Goenka Group	1.50 LPA
2016-2017	Abirami K	BE-Computer Science Engineering	Sanjiv Goenka Group	1.51 LPA
2016-2017	Sumi Fathima A	BE-Computer Science Engineering	Care It Solutions Pvt. Ltd	7199 PM
2016-2017	Mosina Thabassum	BE-Computer Science Engineering	Care It Solutions Pvt. Ltd	7199 PM
2016-2017	P.Kavitha Vaishnav	BE-Computer Science Engineering	Care It Solutions Pvt. Ltd	7199 PM
2016-2017	sabana parveen	BE-Computer Science Engineering	Care It Solutions Pvt. Ltd	7199 PM
2016-2017	M.P Parthiban	BE-Computer Science Engineering	Care It Solutions Pvt. Ltd	7199 PM
2016-2017	Janani T	BE-Computer Science Engineering	Care It Solutions Pvt. Ltd	7199 PM
2016-2017	M. Baravindran A	BE-Computer Science Engineering	Open Wave technologies	15000PM
2016-2017	Seethala .R	BE-Computer Science Engineering	ZeeSoft	15000 PM
2016-2017	Anto Hevin.K	BE-Computer Science Engineering	Open Wave technologies	15000PM
2016-2017	Arun Kumar .R	BE-Computer Science Engineering	Open Wave technologies	1.80 LPA
2016-2017	Naveen Raj .R	BE-Computer Science Engineering	Open Wave technologies	1.80 LPA
2016-2017	Reshma Rahila ,S	BE-Computer Science Engineering	Open Wave technologies	1.80 LPA
2016-2017	Yuvarani .L	BE-Computer Science Engineering	Open Wave technologies	1.80 LPA

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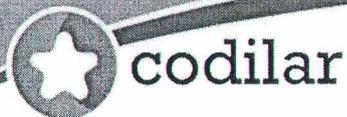
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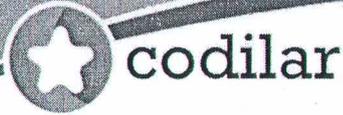
To

JAMELA RUKSHANA A,

APPOINTMENT ORDER

We are glad to offer you an appointment as **"Associate Software Engineer"** in our organization with effective from **tentatively first week of July,** your monthly salary will be **INR 10000/- PM in probation period. After probation, your salary will be revised to INR 16694/- PM for 9 months, and minimum 30% hike will be effective from 13th month of your joining date.** Statutory dues will be deducted as per rules. The salary structure is enclosed. Your employment with us shall be governed by the terms and conditions specified in the Employment Agreement annexed hereto as **Annexure A,** and by the other policies of the Company which shall be made available for your perusal and reference from time to time.

1. This offer of employment is based on the information/details furnished by you while considering your candidature. If at any time it comes to the knowledge of the Management that, the information furnished by you are incorrect or if you have suppressed any material facts which you should have disclosed, your services are liable for termination without any notice.

   a.   You shall furnish your address and change of address if any, during the course of your employment. It shall be notified to the Management and it shall be your duty to intimate the same in writing within 3 days from the date of any such change and shall also get the change so affected recorded in the register of addresses maintained for the purpose by the Management. All communication sent to you by the Management at your last given address shall be deemed to have been delivered to you at the correct address.

   b.   You will be on whole time employment in the Organization and shall not engage yourself in any work or business or profession either honorary or otherwise without permission of the Management.

2. Initially you shall be on probation for a period of **THREE** months w.e.f and the said period of probation shall be liable to be extended further or dispensed with earlier at the discretion of the Management. During or at the expiry of your said probationary period or the extended period of probation, the Management will have the right to terminate your services without any notice or without assigning any reasons thereof. Unless confirmed in writing, you will continue to be on probation.

PRINCIPAL
MED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR) Sholinganallur IT Park
Chennai-603 103.

Codilar Technologies Pvt. Ltd.
Sai Manasa, 703, 30th Main Rd, BTM 2nd Stage, Bengaluru, Karnataka 560076   hello@codilar.com   090 4101 0930
www.codilar.com   U72200KA2016PTC085030

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3. You shall not utilize, disclose or divulge to any person, any trade secrets or know-how of the Management of affairs, administrations technology, research and development carried out in the organization.

4. You shall sign and deliver a Copyright Assignment Agreement which is attached as **Annexure 2** to the Employment Agreement and a Non-Disclosure Agreement which is attached as **Annexure 3** to the Employment Agreement, on reporting to duty in this regard.

5. You shall be under training for the initial 3 months of contract employment. The training period is subject to change depending on your performance or company requirements. To compensate for the training costs, you are required to serve the company for a minimum of **24 months** including the training period. In case you wish to terminate, you shall be bound to pay the training costs to company which is fixed at **INR 125,000 (One lakh Twenty-Five Thousand Only).**

6. Every employee shall be under probation for 3 months, during which the employee shall refrain from terminating the employment. In case of termination by the employee, the employee shall pay 1-month salary in lieu of notice in case of termination of your employment.

7. You shall not receive any presents, commissions, loans, advances or any sort of gratification or benefit in cash or in kind from any person, party or agency, with which the company has business dealings. It is strictly forbidden.

8. If you are using your personal you are an employee using your own devices such as laptop, mobile phone or any other electronic devices for work purposes, you shall not misuse such devices during work hours. The Company is not liable for any malpractice, downloading any pirated or explicit content or any such practices that are illegal. In case of any act, omission, constituting misconduct you may be placed under suspension. An enquiry or disciplinary action may be initiated against you.

9. Your services will be liable to be transferred from one place to another and /or from one post to another either in the same unit or any sister concerns of the establishment anywhere in India either existing or that may be set up in future.

10. You will be responsible for the safe custody of the resources (tangible and intangible) entrusted to you or comes to your possession and in case of any damage or loss, the management shall have the right to make good of the same from your salary besides taking any other disciplinary actions as may be deemed fit and proper. You shall perform the services and work according to directions/instructions given to you from time to time by your superiors.

11. Even after the confirmation of your services, the Management reserves the right to terminate your services after providing one month's notice or payment of one month's salary in lieu of notice. Similarly, when you opt to leave the services of the company, you may do so by giving two months'

notice or surrendering or paying two month's salary in lieu of the notice. This is applicable only after the completion of two years of agreement.

Apart from above conditions, you will be governed by the rules and regulations of the Company from time to time.

In case the above terms and conditions are acceptable to you, please return the copy of this offer of appointment after affixing your signature in token of your having accepted the same.

For Codilar
AUTHORIZED SIGNATORY

I have read and understood the above terms and conditions of the employment and agree to them and further undertake to abide by them.

PLACE: Bangalore
DATE: 17-04-2019

SIGNATURE OF THE EMPLOYEE

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri IT Park
Chennai-603 103.

Zoho Corporation Private Limited

Plot 140, 151, Estancia IT Park, Vallancheri,
Chengalpattu District, Tamilnadu, 603 202.
Ph: +91 - 44 - 6744 7070
www.zohocorp.com

SEZ Unit

Date: 21-Sep-2021

To

Mr.MEERAAN SHA ABDUL A.R,
2/39, SCHOOL 2ND STREET,
ECR, PALAVAKKAM,
CHENNAI-600041, TAMILNADU.

Dear **Mr.MEERAAN SHA ABDUL A.R,**

OFFER OF EMPLOYMENT

We are pleased to offer you employment for the position **PRESALES ENGINEER** with **ZOHO CORPORATION PRIVATE LIMITED.**

REMUNERATION

Your annual Cost to Company will be **Rs.480000/- (RUPEES FOUR LAKH EIGHTY THOUSAND ONLY).** The break-up of your gross salary and information specific to bonus and gratuity are set out in Annexure A. Salary will be paid by the last day of each month. All additional benefits that Zoho currently provides employees are set out in Annexure B.

DATE OF JOINING

Your date of appointment is effective from your date of joining .

PROBATION

You will be on probation, at a minimum, until completion of the performance review cycle that immediately follows completion of six months from your date of joining, provided that your performance is determined to be satisfactory. If your performance is not satisfactory, your probation may be extended until your performance is determined to be satisfactory. Upon completion of the probation period you will be confirmed on the rolls of the company.

SALARY REVISION

Revision to your compensation will be after one year from the date of joining, subject to satisfactory completion of the probation by you. Zoho operates a Pay-for-performance Policy and any salary revision will take your performance into account.

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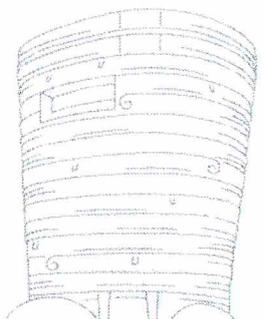
ADHERENCE TO POLICIES

During your employment with the Company you shall adhere to all policies of the Company including IT Services Acceptable Use Policy, Acceptable Encryption Policy, Email Policy, Extranet Policy, Information Sensitivity Policy, Password Policy, Remote Access Policy, Virtual Private Network Policy and such policies as may be decided by the Company from time to time. The Company may amend these policies from time to time and you agree to be bound by such subsequent versions of the policies. The Company will communicate important information about its policies by way of electronic mail notification and/or the Company's intranet. The policies are incorporated into the terms and conditions of employment by this reference.

CONFIDENTIALITY

Information you have access to during the course of your employment are confidential and proprietary information of the Company, its Affiliated Companies and customers. "Affiliated Companies" means Zoho Corporation Private Limited and any entity in which the management of Zoho or the company has substantial interest. You agree not to disclose such information other than on aneed-to-knowbasis. In this regard, you agree to observe in good faith your obligations under the Agreement Regarding Confidential Information and Proprietary Developments, a copy of which is included with this Letter of Offer of Employment for your reference and which will be executed separately by you upon joining the Company. The matters related to your compensation are strictly confidential between you and the Company and should be treated as such.

TRANSFERABILITY

You may be required to work in shifts (including night shifts) at any time, during the term of your employment with the company. You may be asked to work in any department or section of the Company in any capacity by either the management or the head of the department or section, and you agree to work accordingly. You may also be required to work on transfer or deputation in any other concern in which the management has any interest or any of the other branches or regional offices, anywhere in India or abroad, now existing or to be set up in future and you shall be bound to work in such concerns or at such locations.

ASSIGNMENT OF RIGHTS IN WORK

You agree that all works performed and things developed, including inventions, designs, improvements, writings, and discoveries made, during your employment and pertaining to the business conducted by the Company shall remain the exclusive property of the Company. You shall assist the Company in obtaining patents and copyrights on all such inventions, designs, improvements, writings and discoveries deemed suitable for patent and copyright by the Company, and shall execute all documents and perform all necessary actions to obtain the patents and copyrights, for the purpose of vesting the Company with full and exclusive title thereto, and protecting the Company against infringement of the patents and copyright by others.

CONCURRENT EDUCATION

You shall not, during the term of your employment with the Company, pursue any full time or part time courses in any institution/universities in India or any other foreign country, without the express approval by the company.

CONCURRENT EMPLOYMENT OR BUSINESS

You shall not engage yourself directly or indirectly in any other trade, business or occupation without obtaining the management's prior permission in writing. You shall not carry on any activity and/or commit any act prejudicial to the interests of the Company.

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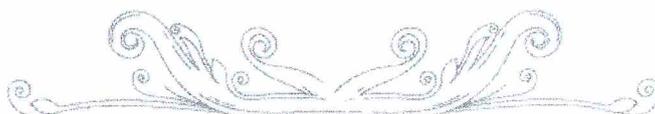
NON-COMPETE

You shall not, during the term of your employment with the Company and for a period of 1 (one) year after termination of employment, either directly or indirectly own, invest in, direct, aid or work, in any capacity, including as full/part time employee, consultant or advisor for any Competitor or SI Partner of the Company.

A "Competitor" is a concern engaged in developing Computer Programs similar to the Software products or services developed and marketed by the Company or any of its Affiliated Companies. An "SI Partner" is a concern which the Company or its Affiliated Companies has appointed as a partner for providing services to Customers based on products or technology owned by the Company or Affiliated Companies.

TERMINATION

Termination at will: This employment agreement is terminable at will by either party.

Termination for misconduct: You agree that the Company may terminate this Contract without notice and without payment in lieu of notice in any of the following events:

1. If any declaration/document given or furnished by you to the Company proves to be false; or if you are found to have wilfully suppressed any material information;
2. If you are found guilty of misconduct, disobedience or of conduct that tends to bring disrespect to the company;
3. If you are found to be in breach of any of your obligations under the terms and conditions of employment;
4. If you are found to have disclosed any confidential information of the Company, its Affiliated Companies or customers of the Company and Affiliated Companies;
5. If you have violated the Company's policies;
6. If the result of any reference or background check is unsatisfactory;
7. If you are found to be under the influence/possession of alcohol/drugs inside the office premises;
8. Your access cards are not transferable. If it is found to be mishandled for any proxy attendance;

Termination for any of the reasons stated above may be notified to the person(s) whose reference was submitted by you and the Company will not be liable to give you any prior notice nor pay any compensation in lieu of a notice period.

NON-SOLICITATION

You agree that for a period of six months after termination or expiration of your employment with the Company, regardless of the reason for termination or expiration, you shall not directly or indirectly, solicit for employment, or advise or recommend to any other person that they employ or solicit for employment, any person employed at that time by the Company, or by any Affiliated Company.

AMENDMENT OF TERMS AND CONDITIONS OF EMPLOYMENT

The Company may amend the terms and conditions set forth herein from time to time and you agree to be bound by such amended terms and conditions of employment .

GOVERNING LAW AND JURISDICTION

The terms and conditions of this Letter of Offer of Employment are governed by the laws of India. All disputes arising out of your employment with the Company or involving the terms and conditions of this Agreement will be subject to the exclusive jurisdiction of the courts in Chennai, India.

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Chennai-60 , 103.
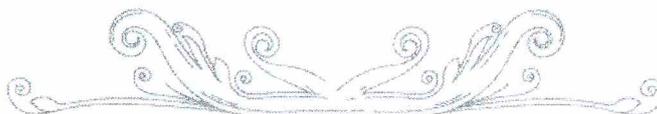
VALIDITY

This offer of employment is enclosed with some of our important policies. You are requested to download, read, understand and sign the documents on or before **28-Sep-2021**. Your signature indicates your acceptance of the terms and conditions of this employment.

Upon submitting your acceptance, you will be asked to provide a tentative date of joining in the personal details form.However, closer to the actual date of joining you will receive a confirmation e-mail from us.

The matters related to your compensation are strictly confidential between you and the company and should be treated as such.

I am sure you will find this offer very exciting and I, on behalf of Zoho, assure you of a very rewarding career in our organization.

With best wishes,

Yours sincerely,
For ZOHO CORPORATION PRIVATE LIMITED

Mohammed Sohail
Manager - HR

I hereby confirm that I have read, understood and accepted the offer, agreement and the company policies.
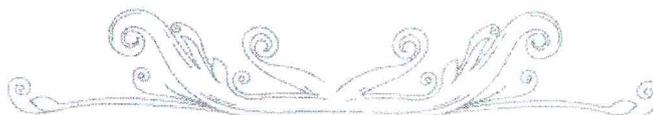
Signature: Date of Offer acceptance: 21 Sep 2021

Name :   MEERAAN SHA ABDUL A.R   Place :   Chennai, Tamil Nadu

PRINCIPAL
MOHAMMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, Chennai
Chennai-603 103.

NAME   :   MEERAAN SHA ABDUL A.R
DESIGNATION   :   PRESALES ENGINEER

Details	Monthly	Annual
Basic	16000	192000
HRA	8000	96000
Other Allowance & Flexible component	14080	168960
Gross Salary	38080	456960
Employer Provident Fund (12% of Basic+TA)*	1920	23040
Cost To Company (CTC)	40000	480000

* You will be covered under the Company's Provident Fund Scheme from the date of joining the organization. Under this scheme, the company will contribute 12% of your basic salary per month as employer contribution and an equal amount will be deducted from your salary as your contribution towards the fund.

OTHER BENEFITS:

PROSPERITY SHARING PLAN
PSP (Prosperity Sharing Plan) is a one time bonus scheme derived based on company's productivity. Every year during April or May, we will decide on extending this scheme to our confirmed employees after reviewing the company's growth and productivity. Based on your performance and confirmation you may be eligible for the same as determined by your manager, subject to scheme existence for that year.

GRATUITY
Gratuity will be payable as per the Gratuity Act, upon separation from the company, subject to completion of minimum five years of employment with Zoho.

PRINCIPAL
M   MED SATHAK A.J.COLLEGE OF ENGINEERING
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Chennai-603 103.
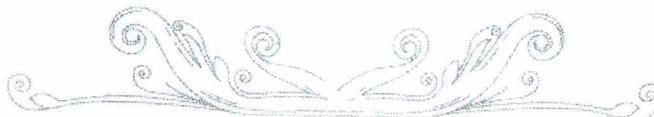
ANNEXURE B

The Company currently provides the following benefits to an employee:

GIFT CARD AMOUNT

You will be paid an amount of **Rs.6000/- (RUPEES SIX THOUSAND ONLY)** once in a year towards your broadband connection. For the new comers, it is applicable from their date of joining. For the first year the amount will be pro-rated based on the joining date.

TRANSPORTATION FACILITY

For safety and security reasons, the Company provides transportation facilities, including but not limited to shuttle services and cab services. However, Company does not recommend daily long commute to work. This offer is based on the assumption that you will move to a distance within 5-10 km of the office premises.

DEVICES AND GADGETS

Company provides essential devices and gadgets for all its employees strictly for official purpose. However, what is essential (in most cases) is not the latest model device or gadget. We do not view the device or gadget as a status symbol or a fashion accessory but as an essential tool to get work done. Expecting the latest model device or gadget as a status symbol is most likely going to leave you disappointed. So please be prepared.

FOOD AND SNACKS

Company provides food, snack and other refreshment for all its employees.

RECREATIONAL FACILITY

Company provides certain recreational facilities to its employees of which some are offered at a nominal charge.

TEAM TREAT AND TRIP

To improve the team collaboration, the company provides **Rs.1000/- (RUPEES ONE THOUSAND ONLY)** for team treat and **Rs.4000/- (RUPEES FOUR THOUSAND ONLY)** for team trip to all its eligible employees, every year.

GROUP MEDICLAIM INSURANCE

Company will bear the full premium of covering you under the Group Mediclaim policy for a sum insured of **Rs.400000/- (RUPEES FOUR LAKH ONLY)**. This is a floater policy where five of your dependents will also be covered along with you.

GROUP PERSONAL ACCIDENT INSURANCE

You will be covered under the Personal Accident Insurance Scheme, for a sum insured of **Rs.2000000/- (RUPEES TWENTY LAKH ONLY)**.

GROUP TERM LIFE INSURANCE

As a welfare measure for its employees, the company has subscribed to the Group Term Life Insurance. The insurance coverage is worth of **Rs.2500000/- (RUPEES TWENTY FIVE LAKH ONLY)**.

Please note that the above mentioned Insurance schemes are subject to change based on yearly renewal

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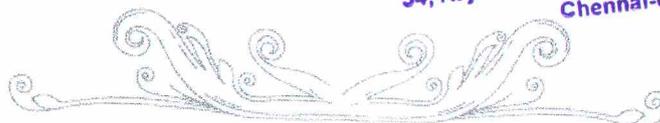
MOHAMED SATHAK A J COLLEGE OF ENGINEERING

Sponsored by Mohamed Sathak Trust
(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai 603 103

Real Time Industrial Projects

S.No	Name of the Funding agency	Name of the Project	Duration of the Project	Amount Sanctioned in Lakhs
1.	Gowatr	Smart Water Management System	6 Months	0.28
2.	Atalon product centre Pvt.Ltd	Vibration levels of diesel engine with and without turbocharger diesel engine	3 months	0.33
3.	Atalon product centre Pvt.Ltd	Modal Analysis of a composite Beam	3 months	0.44

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MOHAMED SATHAK AJ COLLEGE OF ENGINEERING
(Approved by All India Council for Technical Education,
New Delhi and affiliated to Anna University, Chennai)
Siruseri IT Park, Egattur, Chennai - 603 103.
Ph: 27470021, 23, 24 & 25 Fax: 27470022

Gowatr R&D Project

Following list of Students & Staffs are involve as a Team and developed Water Level Controller IoT Project for Gowatr Company during the period 27.1.2021 to 31.7.2021.

Sl. No	Name of the Faculty	Designation
1	Dr. I. Manju	Head/COE
2	S.Naveen Kumar	Assistant Professor - ECE
3	Mohamed Malik	Assistant Professor - ECE
4	K.Vairaperumal	Assistant Professor - EEE
5	K.Kathirvel	Technical Assistant
6	J.Arsath Parveez	Technical Assistant
Sl. No	**Name of the Students**	**Year/Dept**
5	Rajkumar.C	IV/ECE
7	Hameed Ziyath U.R	IV/ECE

RESULTS AND DISCUSSION

Water level management system using IOT was implemented in a campus and this system works efficiently .The meter used to derive the flow measurement from pressure readings, the more accurate the pressure instrument, the more accurate the flow reading. Direct measurement with high accuracy pressure transmitters that match the level of accuracy required is recommended, and regular calibration of these transmitters is necessary to maintain the level of accuracy needed.

(Dr. I. Manju)
Head/COE

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

ATALON Product Center Private Limited R&D Project

Following List of Students & Staffs are involve as a team and developed Study on Vibration Levels of
Diesel Engine With and Without Turbocharger Diesel Engine Project for Atlon Product Center Private
Limited Company during the period 21.07.2020 to 22.10.2020

Sl. No	Name of the Faculty	Designation
1	Dr.K.S.Srinivasan	Principal
2	Dr.R.Senthilkumar	HOD/Mechanical
Sl. No	**Name of the Students**	**Year/Dept**
1	AzbaqMeeran	Final Year/Mechanical
2	Abdul Mukshith	Final Year/Mechanical

RESULTS AND DISCUSSION

In this project vibration level is measured and analyzing with and without turbocharger in diesel engine.
Finally vibration level is reduced by proper air fuel mixture with turbocharger in diesel engine compared
than without turbocharger. So efficiency is more and power output is high. Intensive research was
performed on the reduction of Noise or vibrations of dieselthe exhaust gas is used to rotate the turbine
and then it is further worked with turbocharger. Now days it is good with applications of new technology
regard to economic considerations and engine efficiency. Engine vibration testing and measurement
techniques used and the various sensors mountings used to reduce the vibration. A vibration analysis
system has been successfully developed with the help of virtual instrumentation. The chosen
measurement technique was based on vibration signature analysis.

(DR. R. SENTHIL KUMAR)
HOD /MECH

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

ATALON Product Center Private Limited R&D Project

Following List of Students & Staffs are involve as a team and developed Study on Experimental Model Analysis of Composite for Atlon Product Center Private Limited Company during the period 28.10.2020 to 26.12.2020

Sl. No	Name of the Faculty	Designation
1	Dr.B.Janarthanam	Head/Research
2	Mr.G.Ramesh	Associate Professor / Mechanical

Sl. No	Name of the Students	Year/Dept
1	Mohamed FarookFayas	Third Year/Mechanical
2	Mohamed SadiqBasha	Third Year/Mechanical

RESULTS AND DISCUSSION

The natural frequencies for Steel, Aluminium, Glass Fiber Reinforced Polymer, Hemp and E-Glass Reinforced with Epoxy Resin have been found. Among these materials Hemp and E-Glass Reinforced with Epoxy Resin has lower frequency. From the results obtained it has been concluded that the frequency obtained for Hemp and E-Glass Reinforced With Epoxy Resin may not be suite for the chosen application (car wheel rim) but it can be used for Car roof, Bonnet, Doors, C-Pillars, Body parts, Interiors for Automobiles. Thereby, thevehicle weight can be reduced and efficiency increases. This also helps to bring down the vibration in the body parts hence the noise to the cabin is been reduced.

Dr. B - JANARTHANAN.
(Head / Reasearch)

Mr. G. Ramesh
(Asso.prof (mech)

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