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

2.2.1

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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 – 603 103
(Approved by AICTE & Affiliated to Anna University, Chennai)
An ISO 9001:2008 Certified Institution
DEPARTMENT OF SCIENCE AND HUMANITIES
ACADEMIC YEAR: 2020 – 2021

Date of Commencement: 11.08.2020 **Year / SEM: I/I** **Class : (IT)** **Revision Level:0**

Day / Period	8.30 AM TO10.25 AM	TEA BREAK (10.25 AM to 10.40 AM)	10.40 AM TO 12.00 PM	LUNCH (12.00 PM to 12.45 PM)	12.45 PM TO 2.15 PM	2.15 PM TO 4.00 PM
MON	PYTHON		CHEMISTRY		MATHS	ENGLISH
TUE	MATHS		PHYSICS		PYTHON	GAMING
WED	GAMING		ENGLISH		CHEMISTRY	PHYSICS
THU	ENGLISH		MATHS		PHYSICS	CHEMISTRY
FRI	PHYSICS		CHEMISTRY		ENGLISH	MATHS

S.NO	SUB.CODE	SUBJECT NAME	FACULTY NAME	SIGNATURE
1	HS 8151	TECHNICAL ENGLISH -I	Ms. Saipriya	K. Saipriya
2	MA 8151	ENGINEERING MATHS -I	Ms. Sudha	Sudha
3	PH 8151	ENGINEERING PHYSICS	Ms. Shobana	
4	CY 8151	ENGINEERING CHEMISTRY	Dr. Balakrishnan	
5	GE 8151	PYTHON	Mr. Senthilpandi	
6	VAC	GAMING	Mr. Vairaperumal	

Prepared by
(Time table In charge)

Verified by
(HOD / S&H)

Approved by
(PRINCIPAL)

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Road (OMR), Siruseri, IT Park

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR: 2020 – 2021

Date of Commencement: 11.08.2020 **Year / SEM:I/I** **Class (CSE)** **Revision Level: 0**

Day / Period	8.30 AM TO10.25 AM	TEA BREAK (10.25 AM to 10.40 AM)	10.40 AM TO 12.00 PM	LUNCH (12.00 PM to 12.45 PM)	12.45 PM TO 2.15 PM	2.15 PM TO 4.00 PM
MON	ENGLISH		CHEMISTRY		MATHS	GAMING
TUE	ENGLISH		PYTHON		PHYSICS	CHEMISTRY
WED	CHEMISTRY		MATHS		PHYSICS	ENGLISH
THU	PHYSICS		MATHS		GAMING	PYTHON
FRI	CHEMISTRY		ENGLISH		PHYSICS	MATHS

S.NO	SUB.CODE	SUBJECT NAME	FACULTY NAME	SIGNATURE
1	HS 8151	TECHNICAL ENGLISH -I	Ms. Saipriya	K. Saipriya
2	MA 8151	ENGINEERING MATHS -I	Ms. Zulaiha Maryam	Zulaumaryl
3	PH 8151	ENGINEERING PHYSICS	Ms. Saravanan	
4	CY 8151	ENGINEERING CHEMISTRY	Dr. Balakrishnan	
5	GE 8151	PYTHON	Mr. Senthil Pandi	
6	COE	GAMING	Mr. Vairaperumal	

Prepared by
(Time table In charge)

Verified by
(HOD / S&H)

Approved by
(PRINCIPAL)

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MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING
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Chennai-603 103.

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DEPARTMENT OF SCIENCE AND HUMANITIES

ACADEMIC YEAR: 2020 – 2021

Date of commencement: 11.08.2020   Year / SEM: I/I   Class (MECH, CIVIL, EEE, ECE)   Revision Level: 0

Day / Period	8.30 AM TO10.25 AM	TEA BREAK (10.25 AM to 10.40 AM)	10.40 AM TO 12.00 PM	LUNCH (12.00 PM to 12.45 PM)	12.45 PM TO 2.15 PM	2.15 PM TO 4.00 PM
MON	CHEMISTRY		GAMING		PHYSICS	PYTHON
TUE	MATHS		ENGLISH		CHEMISTRY	PHYSICS
WED	ENGLISH		MATHS		CHEMISTRY	GAMING
THU	PHYSICS		ENGLISH		PYTHON	MATHS
FRI	ENGLISH		MATHS		PHYSICS	CHEMISTRY

S.NO	SUB.CODE	SUBJECT NAME	FACULTY NAME	SIGNATURE
1	HS 8151	TECHNICAL ENGLISH -I	Ms. Usha	
2	MA 8151	ENGINEERING MATHS -I	Ms. Sudha	
3	PH 8151	ENGINEERING PHYSICS	Ms. Shobana	
4	CY 8151	ENGINEERING CHEMISTRY	Dr. Balakrishnan	
5	GE 8151	PYTHON	Mr. Senthilpandi	
6	COE	GAMING	Mr. Vairaperumal	

Prepared by
(Time table In charge)

Verified by
(HOD / S&H)

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Chennai-603 103.

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DEPARTMENT OF SCIENCE AND HUMANITIES

BRIDGE COURSE SYLLABUS

ENGLISH

UNIT- I

Self introduction- Informal - Just a minute - One minute presentation- Technical Topic - One minute presentation-Non Technical Topic - Picture Interpretation - Picture Interpretation and presentation.

UNIT- II

Role play Formal - Role play Informal - Listening to speech of famous personality - Listening to unknown passage and answer - Listening to Ted Talk - Pronunciation practice-Vowels and consonants - Pronunciation practice- Tones,Stress and pause.

UNIT – III

Interpretation of story - Interpretation of poem - Reading newspaper - Reading unknown passages - Reading tongue twisters.

UNIT – IV

Movie review - Guess the meaning from context - Interpretation of Charts/Pictures - Dictation-Word building - Sentence formation-Homophones/Homonyms.

UNIT –V

Rearrange words and sentences - Letter writing-Informal - Letter writing-Formal - Story writing – Speaking Test – Writing Test.

Total : 20 Periods

K. Saipriya

(MS. SAI PRIYA)

AP/ English

DV· BALA KRISHNAN

HOD-S&H

MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING, CHENNAI – 603103

DEPARTMENT OF SCIENCE AND HUMANITIES

BRIDGE COURSE SYLLABUS

ENGINEERING MATHEMATICS- I

UNIT 1: Differential Calculus

Representation of functions – Limit of a functions- Continuity- Derivatives – Differentiation rules- Maxima and minima of functions of one variable.

UNIT 2: Functions of Several Variables

Partial differentiation- Homogeneous functions and Euler's theorem- Total derivative- Change of variables-Jacobians-Partial differentiation of implicit functions- Taylor's series for functions of two variables- Maxima and Minima of functions of two variables – Lagrange's Method of undetermined multipliers.

UNIT 3: Integral Calculus

Definite and indefinite integrals-Substitution rule – Techniques of integration- Integration by parts, Trigonometric integrals, Trigonometric Substitutions, integration of rational functions by partial fraction, Integration of irrational functions- Improper integrals.

UNIT 4: Multiple Integrals

Double integrals- change of order of integration – Double integrals in polar coordinates- Area enclosed by plane curves- Triple integrals – Volume of solids- Change of variables in double and triple integral.

UNIT 5: Differential Equations

Higher order linear differential equations with constant coefficients- Method of variation of parameters- Homogenous equation of Euler's and Legendre's type-System of simultaneous linear differential equations with constant coefficients – Method of undetermined coefficients.

Total: 20 Periods

(Ms. SUDHA)
AP/ maths

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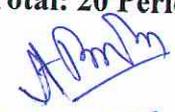
HOD - S&H

DY A.BALA KRISHNAN

MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING, CHENNAI – 603103

DEPARTMENT OF SCIENCE AND HUMANITIES

BRIDGE COURSE SYLLABUS

ENGINEERING PHYSICS

UNIT I - PROPERTIES OF MATTER

Elasticity – Stress, strain and its uses - factors affecting elastic modulus - tensile strength – torsional stress – twisting couple - torsion pendulum - bending of beams - bending moment.

UNIT II WAVES AND FIBER OPTICS

Oscillatory motion – forced and damped oscillations - progressive waves. Lasers- Population inversion - Active medium-Resonant cavity-Types of LASER-Optics Fiber-Principle of fiber optic communication-Total internal reflection-Acceptance angle-Numerical aperture-Types of optical fiber-Fiber optic sensors.

UNIT III THERMAL PHYSICS

Temperature-Heat-Evaporation, Boiling and Melting-Expansion of solids and liquids-Transfer of thermal energy or heat energy-Conduction-Convection-Radiation-Thermal conductivity-Method of determine thermal conductivity-Thermal insulation-Properties of the thermal insulating materials-Heat exchanger Principle of Refrigeration-Oven.

UNIT IV QUANTUM PHYSICS

Features of quantum physics-State planks hypothesis-Planck's law of radiation-Compton Effect-Matter waves and its Properties-De-Broglie hypothesis-Tunneling effect-Tunneling microscope-Application of quantum theory.

UNIT V CRYSTAL PHYSICS

Crystalline materials-Amorphous materials-Single crystal-Poly-crystal-Lattice-Unit cell-Crystal systems-Coordination number-Packing factor -Miller indices -Crystal growth-Solidification and Crystallization Melt Growth-Solution Growth-Crystal imperfection (or) defect-Point defect-Line defect.

Total : 20 Periods

(MS. SHOBANA)
AP / Physics

DYABALA KRISHNAN
HOD- S&H

MOHAMED SATHAK A.J. COLLEGE OF ENGINEERING, CHENNAI – 603103

DEPARTMENT OF SCIENCE AND HUMANITIES

BRIDGE COURSE SYLLABUS

ENGINEERING CHEMISTRY

UNIT-I POLYMER CHEMISTRY

Polymer-monomer - degree of polymerisation -classification of polymers-plastics-glass transition temperature [Tg]-Molecular mass(Mn,Mw,Mv)-Types of polymerization

UNIT-II THERMODYNAMICS

Terminologies-Types of system-properties of system-Process and their types-Internal energy enthalpy-Entropy-Helmholtz free energy-Gibbs free energy

UNIT-III PHOTOCHEMISTRY AND SPECTROSCOPY

Photochemical process -photo physical process-Laws of photochemistry-Quantum efficiency Jablonski diagram-Spectroscopy-spectrum-types of spectroscopy-UV-Visible spectroscopy-IR spectroscopy

UNIT-IV PHASE RULE AND ALLOYS

Phase-Component-Degree of freedom-one component system-two component system Condensed system-congruent and incongruent melting point -Alloys-Heat treatment.

UNIT-V NANOCHEMISTRY

Terminologies-synthesis of nano materials-properties of nano particles-application of nano particles.

Total : 20 Periods

DV· BALA KRISHNAN

HOD- S S H

DVA·BALA KRISHNAN

HOD- S S H

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DEPARTMENT OF SCIENCE AND HUMANITIES

BRIDGE COURSE SYLLABUS

PYTHON PROGRAMMING

UNIT I

Introduction to Algorithms, Building Blocks of Algorithms, Pseudocode and Flowcharts, Programming Language, Arithmetic Problem Solving, Simple Strategies for Developing Algorithms.

UNIT II DATA TYPES, EXPRESSIONS, STATEMENTS

Comments-Identifiers-Keywords-Variables and Assignment-Expressions and Statements, Indentation, Data types –Data Type Conversions-Input and Output Statements, Operators Precedence-Basics of Functions, Parameters and Arguments.

UNIT III CONTROL FLOW, FUNCTIONS

If statement, If-else Statement, if-elif-else Statement, While loop, For loop, Break Statement, Continue Statement, Pass Statement-Keyword Arguments, Default Arguments,Global and Local Variables, Function Composition, Recursion.

UNIT IV LISTS, TUPLES

Introduction to Lists, Basic List Operations, Built-in List Functions, List Methods-Introduction to Tuples, Basic Tuples Operations, Built-in Tuple Functions-List Comprehensions, Set Comprehensions.

UNIT V MODULES

Creation of modules, Import Statement, From Import Statement, Using Python Packages, Namespace.

Mv. S.sendhil Pandi
AP/IT

Total : 20 Periods

DV.A.BALA KRISHNAN
HOD/ S & H

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DEPARTMENT OF SCIENCE AND HUMANITIES

BRIDGE COURSE SYLLABUS

ANIMATION & GAMING

UNIT-I

The Basics of Scratch - First Project Basics - Adding Interactivity - Math Concepts - Ask and join blocks – Logic - Adding Sound - Costumes and Background Changes.

UNIT- II

Classroom Management - Scratch Accounts - Algorithms & copying in Scratch - Bounce Game - Fruit Catcher Game.

UNIT-III

Jumping Game in Scratch - Car Race Game - Create a story using scratch - A Clock On Scratch.

Total : 20 Periods

MV. Vaiva Pesumal
AP/EEE

DV.A.BALA KRISHNAN
HOD - S SH

MOHAMED SATHAK A J COLLEGE OF ENGINEERING
DEPARTMENT OF SCIENCE AND HUMANITIES
SECTION -A

DEPARTMENT - B.Tech - IT

BATCH : 2020- 2021

SI. No.	Student Name	Mob. No.	11-8	12-8	13-8	14-8	17-08	18-08	19-08	20-08	21-08	24-08	25-08	27-08	28-08	31-08	01-09
1	AAFREEN FATHIMA A	9840995625	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓
2	ABDULLAH		✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	ABIRAMI V	9884668326	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	AFRITH.R	9841218558	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓
5	AISHWARYA	9884083845	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	ANAS AHAMED	7708701758	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	ARSHAD AHMED	9087441968	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓
8	ASIF	9159599824	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
9	BOOBALAN. V		✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓
10	BUHARY	9677013908	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	GUNASRI	8870598911	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	HARISHANKAR.V	9840632821	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	IMAAM JAFFAR. J	8946052175	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	KANNAPPAN K	9962089535	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	KAVIYA. S	8778749959	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	KEERTHANA. S	8939757520	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓
17	MIDLAJ	9072247615	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	MOHAMED GHAZALI	9790836981	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	MOHAMED SIDIQ.I		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
20	MOHAMMED FUYUJUR RAHMAN	9884817686	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	NAFEES	8754608486	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓
22	NANDHINI.R	7904704901	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	PACKEER MOIHDEEN FAHEEM	9790836981	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
24	PRABHA. M	9841042003	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	PUNNIYAKOTTI	9677759607	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓
26	RAHAMATHNISHA		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	REVATHI.U	9444619171	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓
28	SACHIN L	9962340479	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	SHALINI	7397428017	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	SIDEEQ	7708654517	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	SYED ABBAS ALI	7401060599	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	SYEDALI	9940420459	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	VIGNESH		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	VISHAL	9791060699	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	ZAMIL. K	7010874042	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Total no. of students		35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
	No. of students present		33	35	33	32	35	33	34	34	33	33	34	35	34	35	35
	No. of students absent		2	NIL	2	3	NIL	2	1	1	2	2	1	NIL	1	NIL	NIL
	Staff Signature																

HOD

(DR. A. BALA KRISHNAN
HOD- SSH)

MOHAMED SATHAK A J COLLEGE OF ENGINEERING
DEPARTMENT OF SCIENCE AND HUMANITIES
SECTION -B

DEPARTMENT - B.E - CSE

BATCH : 2020- 2021

Sl. No.	Student Name	Mob. No.	11-8	12-8	13-8	14-8	17-08	18-08	19-08	20-08	21-08	24-08	25-08	27-08	28-08	31-08	01-09
1	ABDUL KADAR JAILANI	8825200239	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
2	ABDUL KADER	9843450477	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
3	ALTHAF.J	9566019820	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
4	ARUN	8825200239	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
5	AYSHA THASLIM	8248760642	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
6	ELANGO.V	9790993596	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
7	ELANGOVAN. G	9500675122	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
8	EZHILARASAN	9962222347	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
9	IMRAAN. H	7010095134	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
10	JAMURUDEEN. F	8825200239	a	/	/	/	/	a	/	/	/	/	/	/	/	/	/
11	LALITH ADITHYAN	9789074676	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
12	MOHAMED ABDUL KALAM	9952293437	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
13	MOHAMED AFSAL. K.A	7904984457	/	/	/	/	/	/	/	a	/	/	/	/	/	/	/
14	MOHAMED ASIQ ALI A	9884334786	/	/	/	/	/	/	/	/	/	/	a	/	/	/	/
15	MOHAMED HANIFA HARISH. P	8248002316	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
16	MOHAMED NABEEL. A	8870305326	/	/	/	/	/	/	/	/	/	a	/	/	/	/	/
17	MOHAMED PAKIER RAHIM	8807203112	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
18	MOHAMED SALMAN.A	7397316667	/	/	/	/	/	a	/	/	/	/	/	/	/	/	/
19	MOHAMED SHOWQATH	9840402161	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
20	MOHAMMED FARHAN SM	9962575738	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
21	MOHAMMED HASEEB RAKSHAN P	9994681950	a	/	/	/	/	/	/	/	/	/	/	/	/	/	/
22	MOHAMMED KHAJA NAWAZ. A	6380566957	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
23	MOHAMMED RIZWAN K.R.	9940256668	/	/	/	/	a	/	/	/	/	/	/	/	/	/	/
24	MUZAMMIL MUHAMMED K	7200700609	/	/	a	/	/	/	/	/	/	/	/	/	/	/	/
25	NAVEEN KUMAR.S	9962858571	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
26	NIFAN	6380038863	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
27	RAFIQ SHERIFF. S	7871452877	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
28	RASHID CK	7025825134	/	a	/	/	/	/	/	/	/	/	/	/	/	a	/
29	RIYAS AHAMED.B	8825200239	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
30	SAKTHIVEL. K. H	9790944157	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
31	SATHISH S	919566064	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
32	SHAIKH ZAITH. R	9841001231	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
33	MOHAMMED SIDDIQUE C	9080419859	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
34	JALEEL AHAMED. K	8754339409	/	/	/	a	/	/	/	/	/	/	/	/	/	/	/
35	MOHAMMED ABRAR	8122290185	/	/	/	/	/	/	/	/	/	/	/	/	/	/	/
	Total no. of students		35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
	No. of students present		33	34	33	34	34	33	34	34	34	34	35	35	35	34	35
	No. of students absent		2	1	2	1	1	2	1	1	1	1	NIL	NIL	1	NIL	
	Staff Signature																

HOD

(DV. A. BALA KRISHNAN)
HOD - SSH
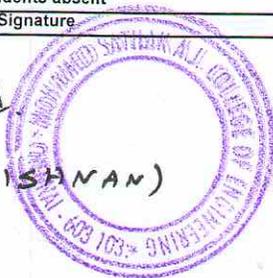
PRINCIPAL

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
DEPARTMENT OF SCIENCE AND HUMANITIES
SECTION -C

DEPARTMENT - B.E., EEE,ECE,MECH, CIVIL

BATCH : 2020- 2021

Sl. No.	Student Name	Mob. No.	11-8	12-8	13-8	14-8	17-08	18-08	19-08	20-08	21-08	24-08	25-08	27-08	28-08	31-08	01-09
1	AHAMED H	9840995625	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
2	MUTHU AKMAL M S		✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
3	MOHAMED FAHIM	9884668326	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
4	AFLAL AHAMED	9841218558	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓
5	YOGARAJ M	9884083845	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
6	BASHARATHULLA	7708701758	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
7	MOHAMED ASLAM N.M	9087441968	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓
8	CAROL PERSY.N	9159599824	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓
9	JANANI.M.E		✓	a	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
10	S.MOHAIDEEN ABDUL	9677013908	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
11	SHERIFF TANVEER	8870398911	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
12	FASLIN BANU	9840632821	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
13	NIRMAL.K	8946052175	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
14	MOHAMED MUKSHITH	9962089535	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓
15	POOSATHISHKUMAR	8778749959	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
16	SATHISH KUMAR.V	8939757520	✓	✓	✓	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓
17	ABITHA.B	9072247615	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
18	SUBASH	9790836981	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
19	VAMSIKRISHNA.G.V		✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓
20	MOHAMED ABDUL KAD	9884817686	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
21	MOHAMED ABDUL HAN	8754608486	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
22	THOUFIQAHAMED	7904704901	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
23	MOHAMMED THOUSEE	9790836981	✓	✓	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓
24	IMRAN R	9841042003	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
25	ASSLAM.A	9677759607	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
26	DIVYASRI.S		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
27	MOHAMED AFROSE M	9444619171	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
28	SADHAM HUSSAIN	9952340479	✓	✓	✓	✓	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	M THOWFIQ	7397428017	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	MOHAMMED SATHAKK	7708654517	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	MOHAMED AJMAL	7401060599	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	LOKESH. N	9940420459	a	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	UMAR JAFFAR ALI		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	MOHAMED MANNUR	9791060699	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	a
35	SHARTI YACOPE	7010874042	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Total no. of students		35	35	35	35	35	35	35	35	35	35	35	35	35	35	35
	No. of students present		32	33	34	33	33	34	34	34	34	34	34	35	35	35	35
	No. of students absent		3	2	1	2	2	1	1	1	1	1	1	NIL	NIL	NIL	1
	Staff Signature																

HOD

(DR. A. BALA KRISHNAN)

(HOD - S & H)

PRINCIPAL

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

EXTERNAL EVENT* PARTICIPATION

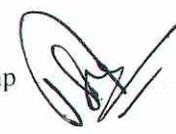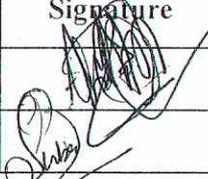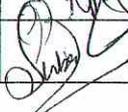| Department	Information Technology	Academic Year		2019-2020
Year / Semester	II	Date (s) of Event		02.04.2022/02.11.2019
Total strength of the class	7	No. of Students Participating	Boys:7 Girls:0	
Departure time	9.00 PM	Arrival time		11.30 PM

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

Format No.: PLA 09   Rev.No.: 01   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

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

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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

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

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

Sign of the Coordinator

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

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

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, 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

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

Industrial Visit Coordinator

HOD
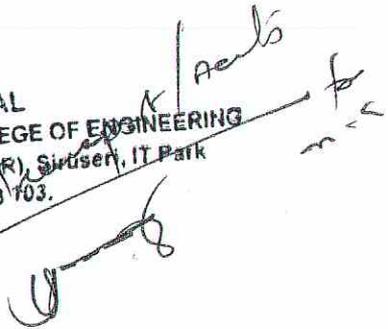
PRINCIPAL

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

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

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

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.

= M Gmail

Compose

Inbox   377
Starred
Snoozed
Sent
Drafts
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 <stsisits@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
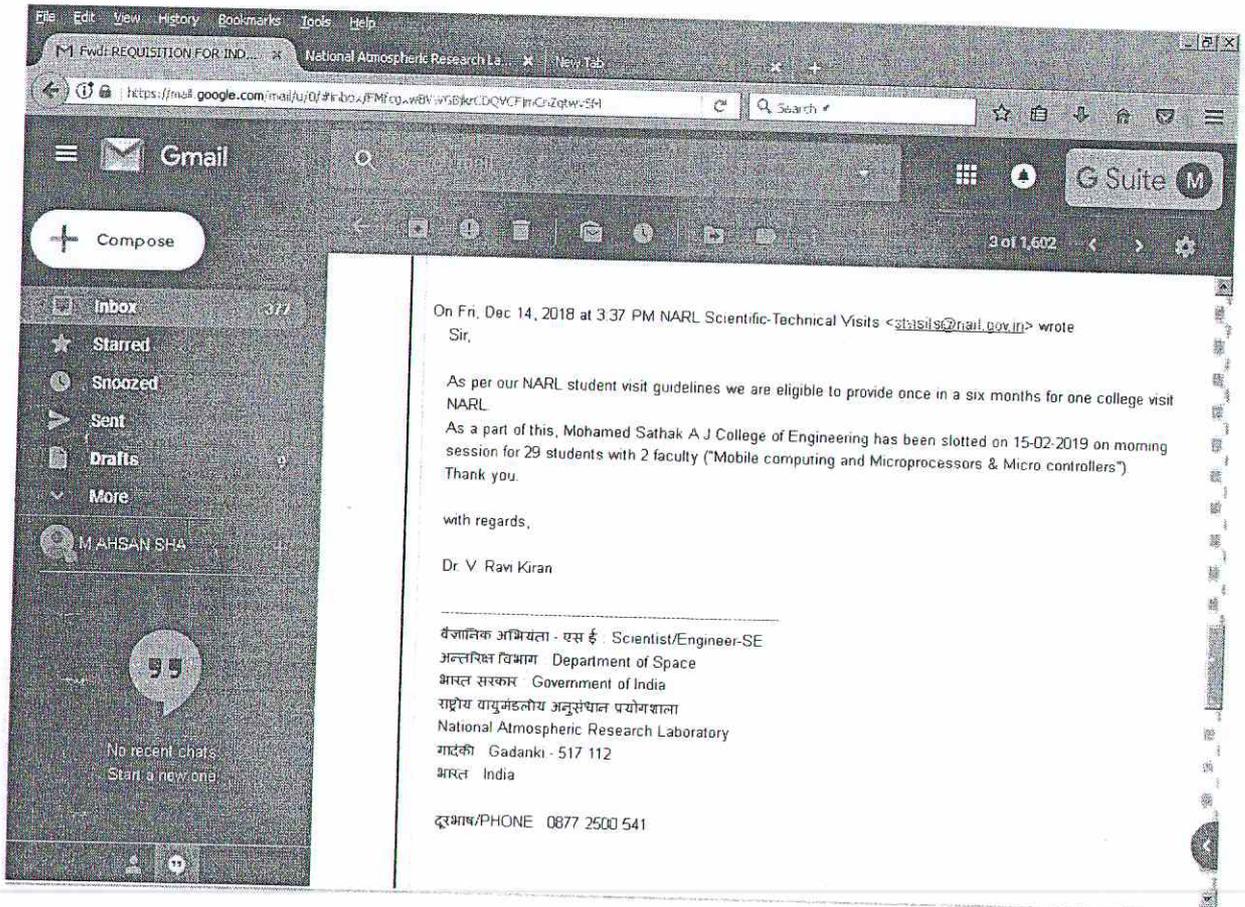
PRINCIPAL
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Chennai-603 103.
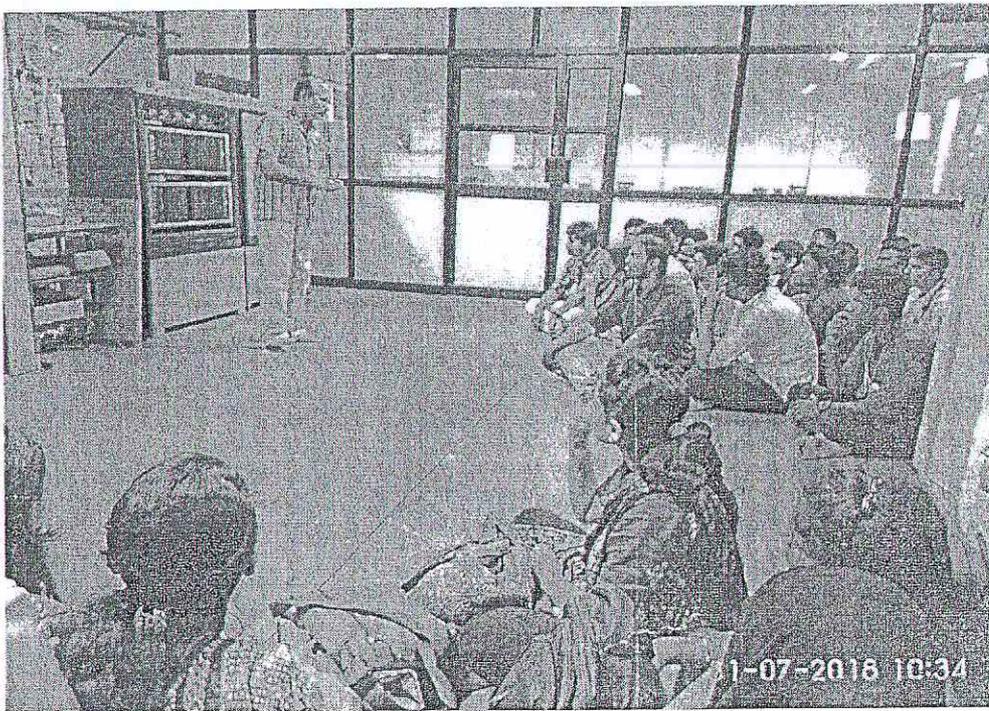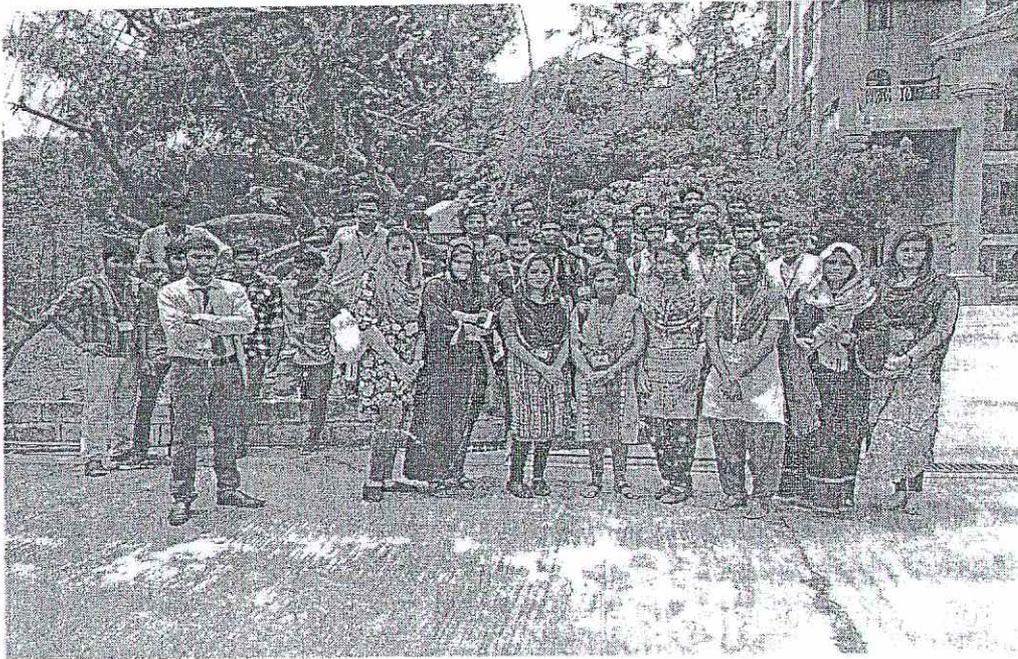
PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
3t Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

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
31 7 18 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

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

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

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 adar 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
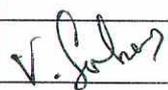
Approved / Not Approved

Sign of the HoD with date

Head-Student Affair

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

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

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

INDUSTRIAL VISIT – FEEDBACK

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

Staff Signature

001

Date: 16.02.2019

To

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

Respected sr,

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: 15.02.19

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/IT

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

Schedule: 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

PRINCIPAL

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

GOVERNMENT OF INDIA   A- A A +   DEPARTMENT OF SPACE

NATIONAL ATMOSPHERIC RESEARCH LABORATORY

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.

Coordinators,

0877 2500 581 → Dr. T. Rajendra Prasad

0877 2500 541 → Dr. V. Ravikiran

PRINCIPAL
MOTHER 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
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
19.	IV	311815205001	N.ABBASUDEEN
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

PRINCIPAL
SATHAK A.J.COLLEGE OF ENGI
Rajiv Gandhi Road (OMR), Siruseri, I1
Chennai-603 103.

HOD/IT

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 A J COLLEGE OF ENGINEERING, Chennai - 603103

DETAILS OF GUEST LECTURE AND SEMINARS CONDUCTED FOR THE PERIOD OF
ODD / EVEN SEMESTER   2020 - 2021

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	18.09.2018	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-Jun-20	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	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

Supporting Documents Required

1. Communication & Confirmation Lette 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

From

The Head of Department

Department of Information Technology

Mohamed Sathak A.J College of Engineering

Chennai.

To

The Principal

Mohamed Sathak A.J College of Engineering

Chennai.

Respected Sir,

Sub – Permission to conduct a Seminar– Reg.

We are planned to conduct the Seminarby the topic "Research opportunities in Artificial Intelligence"(18.09.2018). So I kindly request you to give the permission to conduct the same.
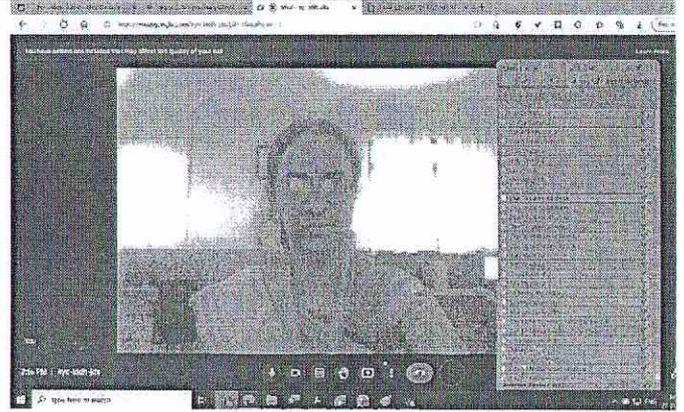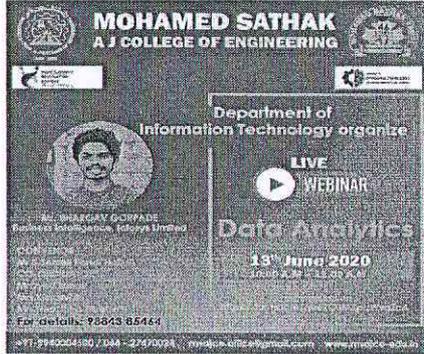
Thanking You

Yours Sincerely

Dr.Mr.Suresh

HOD/IT

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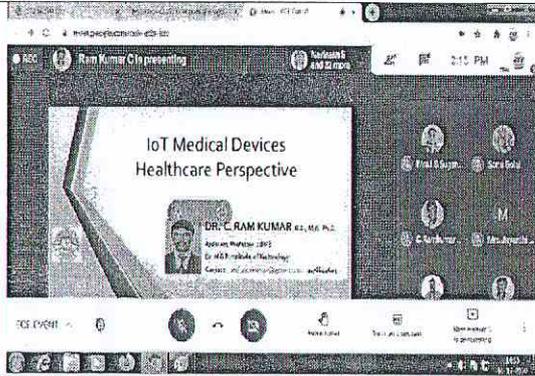
MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

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

REPORT ON EVENTS

Department:	IT– MSAJCE Chennai
Type of Event:	Seminar
Event Title:	Research opportunities in Artificial Intelligence
Date & Time:	18.09.2018
Venue / Mode(Platform):	RPA Lab
Co ordinator:	Mr.M.Ahsan Sheriff AP/IT
Details of Participants:	Around 75 Internal Participants, students and faculty from various institutions.

Profile of the Chief Guest(s)	Name of the Guest Speaker	Dr.Raja Rajeshwari
	Organization	VIT
	Designation	Associate Professor

Write-up on Event	The Department of Information Technology organized a oneday seminar in the topic of "Research opportunities in Artificial Intelligence" (18.09.2018). This programme started at 1.30 PM, with welcome address and Introduction speech for the Chief guest Dr.Raja Rajeshwari, given by Mr.M.Ahsan sheriff, AP/IT-MSAJCE. The Chief guest delivered his speech with a presentation on real time examples at the end of this session, Mr.M.Ahsan sheriff delivered the vote of thanks.
Feedback from the participants	Anna pushpam.M: Nice Presentation Faisal:Excellent Presentation and need to conduct a longer session. Mohamed Nazeem:Excellent Lecturer and very useful. Abinaya:Excellent Presentation Saranya: very good

Prepared By
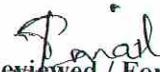
Reviewed / Forwarded by

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

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.HebzibaElizabath 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 Departmentof Information Technology of MSAJCE, Chennai organized one day webinar in the topic "I Analytics"on 13/06/2020 throughonlinemode(Googlemeet).The programme Commenced at 9.45 AM-11/ withan welcome address and Introduction speech of the Chief guest Mr.Bhargav Goprade,by Mrs.Kayalvi AP/IT Dept-MSAJCE. The Chiefguest Mr.BhargavGorpade,Business Intelligence Infosys lim India,delivered his speech with an presentationon real time examples and also explained with pictorizatioi sharpen our minds by the Data Analytics concept. The Faculties and Students from various colleges aro tamilnaduparticipated, during the session 150 participants actively participated.At the end of the session M Mrs.Kayalvizhi,AP/IT- MSAJCE delivered the vote of thanks.

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

h···graphs	 Data Analytics- Poster	 Welcome Address by Mrs.Kayalvizhi,AP/IT
	  Presentation of the speaker	 Gathering of Participants
eedback from ie 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.	

	Prepared By:	Reviewed / Forwarded by:
Signature: Name& Designation:	Mrs.Kayalvizhi AP/ECE	S.Senthil Pandi Head/IT
Date:	17.12.2020	17.12.2020

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

9.06.2020

MSAJCE

From

    The Head of Department

    Department of Information Technology

    Mohamed Sathak A.J College of Engineering

    Chennai.

To

    The Principal

    Mohamed Sathak A.J College of Engineering

    Chennai.

Respected Sir,

    Sub – Permission to conduct a FDP– Reg.

    We are planned to conduct the FDP by the topic "Machine Learning and Image Processing" (20.06.2020). So I kindly request you to give the permission to conduct the same.

Thanking You

Yours Sincerely

HOD/IT

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

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):	Mrs.S.Kayalvizhi, 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 Mrs.Kayalvizhi,AP/IT Dept-MSAJCE. The Chief guest Dr. B.Ben Sujitha, B.E., M.E., Ph.D,Department of Information Technology,Jeepiar 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.

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

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Siruseri IT Park, Egattur, Chennai - 603 103

Photographs	Machine Learning and Image Processing	Welcome Address by Mrs.Kayalvizhi,AP/IT
	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: Mrs.S.Kayalvizhi AP/IT

Reviewed / Forwarded by:

Mr.S.Senthilpandi Head/IT

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

From   MSAJCE

       The Head of Department

       Department of Information Technology

       Mohamed Sathak A.J College of Engineering

       Chennai.

To

       The Principal

       Mohamed Sathak A.J College of Engineering

       Chennai.

Respected Sir,

       Sub – Permission to conduct a FDP– Reg.

       We are planned to conduct the FDP by the topic "Recent Trends in Medical Image Processing" (28.05.2020). So I kindly request you to give the permission to conduct the same.

                        Thanking You

                                      Yours Sincerely

                                      HOD/IT

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

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 Senthil Pandi 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.Prabhananthakumar	Dr.Dhiravidachelvi
	Organization	SRM University	VIT University	MSAJCE
	Designation	Asso 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(Googlemeet).The programme Commenced at 09.50 AM, with an welcome address and Introduction speech of the Chief guest Mrs. Senthilselvi,Mrs.E.Dhiravidachelvi,Mr.Prabhananthakuma by Mrs.Kayalvizhi, AP/IT Dept-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 Mrs.Kayalvizhi, AP/IT Dept-MSAJCE delivered the vote of thanks.

MOHAMED SATHAK AJ COLLEGE OF ENGINEERING

(Approved by All India Council for Technical Education,
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Siruseri IT Park, Egattur, Chennai - 603 103

Photographs		
	Recent trends in Medical Image Processing-Poster	Welcome Address by Mrs.Kayalvizhi,AP/IT
	Presentation of the speaker and Gathering of Participants	
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:

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34 Rajiv Gandhi Road (OMR) Siruseri
603 103

Reviewed / Forwarded by:

Signature:
Name&Designation:

Mrs.Kayalvizhi AP/IT

Mr.S.Senthilpandi Head/IT

Date:14.07.2020

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

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(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 Mrs.Kayalvizhi,AP/IT Dept-MSAJCE. The Chief guest Dr. B.Ben Sujitha, B.E., M.E., Ph.D,Department of Information Technology,Jeepiar 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.

9.05.2021

MSAJCE

From

     The Head of Department

     Department of Information Technology

     Mohamed Sathak A.J College of Engineering

     Chennai.

To

     The Principal

     Mohamed Sathak A.J College of Engineering

     Chennai.

Respected Sir,

     Sub – Permission to conduct a Webinar – Reg.

     We are planned to conduct the FDP by the topic "Insight into Deep Learning" (18.05.2021). So I kindly request you to give the permission to conduct the same.

Thanking You

Yours Sincerely

HOD/IT

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

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Siruseri IT Park, Egattur, Chennai - 603 103

Photographs	Insight Into Deep Learning-Poster	Welcome Address by Mrs.Kayalvizhi,AP/IT
	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 :

Reviewed / Forwarded by:
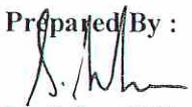
Signature:
Name&Designation: Mr.S.Senthil Pandi AP/IT   Mr.D.Weslin Head/IT
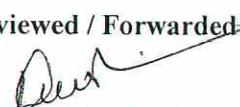
Date: 18.05.2021

PRINCIPAL
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Chennai-603 103.

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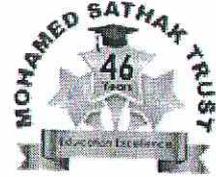
DEPARTMENT OF

INFORMATION TECHNOLOGY

EVENT DETAILS 2020-2021

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

Faculty Development Program Department of IT
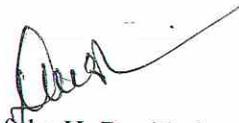
Name of the Faculty Development	**Artifical Intelligence and Neural Network**	
Objective of the FDP	The objective of the FDP is to elaborate the knowledge of the artificial Intelligence and neural networks. It includes the python programming in AI and case study of driver safety. And it extended to explain the faculty how to motivate the students in academics.	
Date	23.06.2021 to 28.06.2021	No. of Days : 6
Organized by	Department of IT & IIC Jointly Organizez	
Name of the Conveners	Dr. Manju, Ms.	Mr. Nagasubramani, Mr. Weslin
Total No. of Faculty Registered	Within Chennai :468	Outside Chennai : NIL
Total No. of Faculty Participated	Within Chennai :468	Outside Chennai : NIL
Keynote/ Guest Speakers Details- (Designation with Address & Contact No.)	1. Dr. Pookavithal	2. Dr. Alli arul
	3. Mr. V. Venkatesh	4. Dr. M. Suganiya
	5. Mr. Dr. R. Rajendran	
Professional Association Involved if	NIL	
Sponsor Received from any funding	NIL	
Industrial Visit arranged if any	NIL	
Outcome of the FDP	Very useful session and excellent session	

Supporting Documents Required
1.Brochure, 2.Registration forms, 3 Event Schedule, 4 Budget & Statement of Accounts
5 Handouts / Course Materials, 6 Feedback from Participants, 7 Photos, 8 Copy of Certificate
9 Conclusion Report

Sign of the convenors

Sign of the HoD with date

Format No.:TLP 23   Rev.No.: 1.0   Rev. Date: 08.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

Faculty Development Program Department of IT

Name of the Faculty Development Program	**Recent Trends in Medical Image Processing**	
Objective of the FDP	The objective of the FDP is to elaborate the knowledge of the artificial Intelligence and neural networks. It includes the python programming in AI and case study of driver safety. And it extended to explain the faculty how to motivate the students in academics.	
Date	28.05.2020 to 30.05.2020	No. of Days : 3
Organized by	Department of IT	
Name of the Conveners	Mr. S. Senthil Pandi	Mr. Syed Ismail
Total No. of Faculty Registered	Within Chennai : 53	Outside Chennai : NIL
Total No. of Faculty Participated	Within Chennai : 53	Outside Chennai : NIL
Keynote/ Guest Speakers Details- (Designation with Address & Contact No.)	1. Dr. E. Dhiravidachelvi	2. Dr. A. Senthil Selvi
	3. Mr. M.Prabhananthakumar	4. Mr. Seenivasan Athimolam
Professional Association Involved if any details	NIL	
Sponsor Received from any funding agencies if any	NIL	
Industrial Visit arranged if any	NIL	
Outcome of the FDP	Very useful session and excellent session	

Supporting Documents
Required
1.Brochure, 2.Registration
forms, 3 Event Schedule, 4
Budget & Statement of
Accounts
5 Handouts / Course
Materials, 6 Feedback
from Participants, 7
Photos, 8 Copy of
Certificate
9 Conclusion Report

Sign of the convenors

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

Sign of the HoD with date

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

Faculty Development Program Department of IT

Name of the Faculty Development Program	Computer Architecture	
Objective of the FDP	The objective of the FDP is to elaborate the knowledge of the artificial Intelligence and neural networks. It includes the python programming in AI and case study of driver safety. And it extended to explain the faculty how to motivate the students in academics.	
Date	21.12.2020 to 23.12.2020	No. of Days : 3
Organized by	Department of IT	
Name of the Conveners	D. Weslin	Dr. R. Karthikeyan
Total No. of Faculty Registered	Within Chennai :188	Outside Chennai : NIL
Total No. of Faculty Participated	Within Chennai :188	Outside Chennai : NIL
Keynote/ Guest Speakers Details- (Designation with Address & Contact No.)	1. Dr.Ben Sujitha	2. Mr.Mohamed Uveise S A
	3. Mrs.C.Jeya Lakshmi	
Professional Association Involved if	NIL	
Sponsor Received from any funding	NIL	
Industrial Visit arranged if any	NIL	
Outcome of the FDP	Very useful session and excellent session	

Supporting Documents Required
1.Brochure, 2.Registration forms, 3 Event Schedule, 4 Budget & Statement of Accounts
5 Handouts / Course Materials, 6 Feedback from Participants, 7 Photos, 8 Copy of Certificate
9 Conclusion Report

Sign of the convenors

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.

Format No.:TLP 23   Rev.No.: 1.0   Rev. Date: 08.01.21

5.6.2021

MSAJCE

From

The Head of Department

Department of Information Technology

Mohamed Sathak A.J College of Engineering
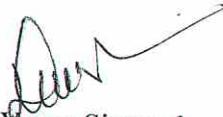
Chennai.

To

The Principal

Mohamed Sathak A.J College of Engineering

Chennai.

Respected Sir,

Sub – Permission to conduct a webinar– Reg.

We are planned to conduct the webinar by the topic "UI testing with selenium " on 10.6.2021. So I kindly request you to give the permission to conduct the same.

Thanking You

Yours Sincerely

Mr D. Weslin
HOD/IT

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

From

The Head of Department

Department of Information Technology

Mohamed Sathak A.J College of Engineering

Chennai.

To

The Principal

Mohamed Sathak A.J College of Engineering

Chennai.

Respected Sir,

Sub –Permission to conduct a FDP– Reg.

We are planned to conduct the FDPby the topic "Artificial Intelligence and Neural networks" from23-6-2021 to 28-6-2021. So I kindly request you to give the permission to conduct the same.

Thanking You

Yours Sincerely

Mr D.Weslin
HOD/IT

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

From

    The Head of Department

    Department of Information Technology

    Mohamed Sathak A.J College of Engineering

    Chennai.

To

    The Principal

    Mohamed Sathak A.J College of Engineering

    Chennai.

Respected Sir,

    Sub – Permission to conduct a workshop– Reg.

    We are planned to conduct the workshop by the topic "Computer architecture" from21-12-2020 to 23.12.2020. So I kindly request you to give the permission to conduct the same.

Thanking You

Yours Sincerely

Mr D. Weslin
HOD/IT

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
SIRUSERI IT PARK,OMR, CHENNAI 603 103

Estd - 2001

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.			
		DAY-1 (21.12.2020)	DAY-2 (22.12.2020)	DAY-3 (23.12.2020)
Profile of the Chief Guest(s)	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
	Email ID	bensreghu@gmail.com	mohameduveise@msec.org.in	jeyalakshmi@msec.org.in

PRINCIPAL
ATHAK A.J.COLLEGE OF ENGINEERING
andhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

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 ar 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, Professo 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, 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, l answered all the questions patiently up to the participants' satisfaction.

Mrs.T.Abinaya, Assistant Professor / IT proposed the vote of thanks
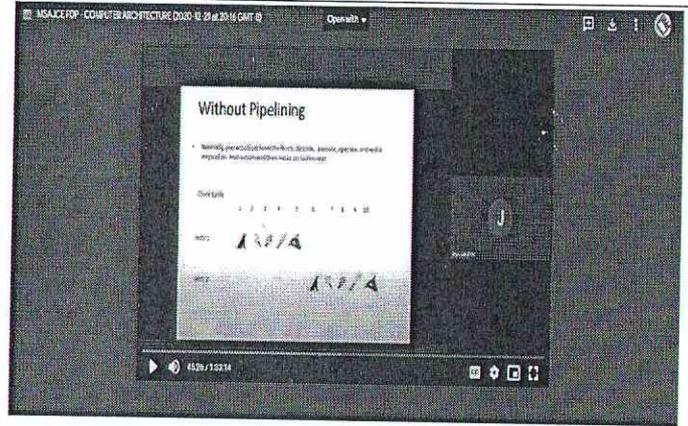
Photographs		
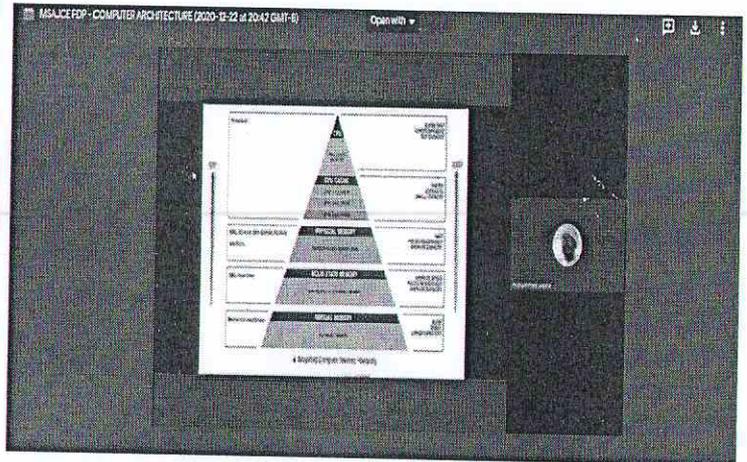
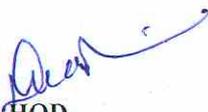|	Day -1	Day-2	Day-3
Feedback from the participants	Mahalakshmi Well organized	Dr.A.N.Arularasan Very well organized presentation and explanation.	Fathima Excellent Session and the speaker has good knowledge about the subject
	Devaki Everything nice	Dr. Shanthi S Session is very useful if we further explore	A.Senthil anandhi Excellent Session

Mohamed Sathak A J College of Engineering

Rajiv Gandhi Salai (OMR),Sipcot IT Park, Chennai - 603103.

DEPARTMENT OF INFORMATION TECHNOLOGY

EPC TIME TABLE

YEAR-II

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 1	MONDAY	DPSD	BREAK	DS	LUNCH	OOPs
	TUESDAY	DS		DM		ADC
	WEDNESDAY	DS		OOPs		DPSD
	THURSDAY	ADC		DPSD		DM
	FRIDAY	DPSD		DM		OOPs
	SATURDAY	DPSD		DS		DM

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 2	MONDAY	DPSD	BREAK	DM	LUNCH	ADC
	TUESDAY	OOPs		DS		DPSD
	WEDNESDAY	DM		DS		ADC
	THURSDAY	OOPs		DS		DM
	FRIDAY	DS		ADC		DPSD
	SATURDAY	ADC		DM		OOPs

Staff-Incharge

HOD

Mohamed Sathak A J College of Engineering

Rajiv Gandhi Salai (OMR),Sipcot IT Park, Chennai - 603103.

DEPARTMENT OF INFORMATION TECHNOLOGY

EPC TIME TABLE

YEAR-III

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 1	MONDAY	CN	**BREAK**	MPMC	**LUNCH**	WT
	TUESDAY	ECM		ANT		SE
	WEDNESDAY	MPMC		WT		CN
	THURSDAY	SE		CN		ANT
	FRIDAY	ECM		ANT		WT
	SATURDAY	CN		MPMC		ECM

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 2	MONDAY	ECM	**BREAK**	ANT	**LUNCH**	SE
	TUESDAY	WT		MPMC		CN
	WEDNESDAY	ANT		ECM		SE
	THURSDAY	WT		MPMC		ECM
	FRIDAY	MPMC		SE		CN
	SATURDAY	SE		ANT		WT

Staff Incharge   HOD

Mohamed Sathak A J College of Engineering

Rajiv Gandhi Salai (OMR),Sipcot IT Park, Chennai - 603103.

DEPARTMENT OF INFORMATION TECHNOLOGY

EPC TIME TABLE

YEAR-IV

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 1	MONDAY	CNS	BREAK	CC	LUNCH	ET
	TUESDAY	HCI		POM		SPM
	WEDNESDAY	CC		ET		CNS
	THURSDAY	SPM		CNS		POM
	FRIDAY	HCI		POM		ET
	SATURDAY	CNS		CC		HCI

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 2	MONDAY	HCI	BREAK	POM	LUNCH	SPM
	TUESDAY	ET		CC		CNS
	WEDNESDAY	POM		HCI		SPM
	THURSDAY	ET		CC		HCI
	FRIDAY	CC		SPM		CNS
	SATURDAY	SPM		POM		WT

Staff-Incharge

HOD

Mohamed Sathak A J College of Engineering

Rajiv Gandhi Salai (OMR),Sipcot IT Park, Chennai - 603103.

DEPARTMENT OF INFORMATION TECHNOLOGY

EPC TIME TABLE

YEAR-III

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 1	MONDAY	OOAD	BREAK	MC	LUNCH	BDA
	TUESDAY	ST		CI		CGM
	WEDNESDAY	MC		BDA		OOAD
	THURSDAY	CGM		OOAD		CI
	FRIDAY	ST		CI		BDA
	SATURDAY	OOAD		MC		ST

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 2	MONDAY	ST	BREAK	CI	LUNCH	CGM
	TUESDAY	BDA		MC		OOAD
	WEDNESDAY	CI		ST		CGM
	THURSDAY	BDA		MC		ST
	FRIDAY	MC		CGM		OOAD
	SATURDAY	CGM		CI		BDA

Staff Incharge   HOD

Mohamed Sathak A J College of Engineering

Rajiv Gandhi Salai (OMR),Sipcot IT Park, Chennai - 603103.

DEPARTMENT OF INFORMATION TECHNOLOGY

EPC TIME TABLE

YEAR-II

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 1	MONDAY	CA	BREAK	DBMS	LUNCH	DAA
	TUESDAY	EVS		PS		OS
	WEDNESDAY	DBMS		DAA		CA
	THURSDAY	OS		CA		PS
	FRIDAY	EVS		PS		DAA
	SATURDAY	CA		DBMS		EVS

	DAY/TIME	8:15 AM-10:30 AM		10:45AM-1:00PM		1:45PM-3:30PM
BATCH 2	MONDAY	EVS	BREAK	PS	LUNCH	OS
	TUESDAY	DAA		DBMS		CA
	WEDNESDAY	PS		EVS		OS
	THURSDAY	DAA		DBMS		EVS
	FRIDAY	DBMS		OS		CA
	SATURDAY	OS		PS		DAA

Staff-Incharge

HOD

Mohamed Sathak A.J. College of Engineering

COUNSELLING DETAILS

NAME: M. NABEEL / III IT   REG NO: 311819205021

S.No.	Date	Points Discussed	Signature		Date
			Student	Mentor	
1	18/2/21	DISCUSSED ABOUT INTERNAL MARKS AND MOTIVATE TO DO INTERSHIP.	Nabeel		
2	4/3/21	Interested to explore other Area apart from Studies Advise to improve Communication Skills.	Nabeel		
					Details
					Sem.

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

Mohamed Sathak A J College of Engineering   Document Date: 23-05-2019   Mohamm

Mohamed Sathak A.J. College of Engineering

COUNSELLING DETAILS

NAME: NIZAMUHAQ S/III/IT   REG No. 311819205023

S.No.	Date	Points Discussed	Signature	
			Student	Mentor
1	18/2/21	Interested to gain Knowledge in Programming and give guidance for developing a application	Nizmule	Pushan
2	4/3/21	Encouraged to take Part in Technical Competition in other colleges. Motivated to do Internships	Nizmule	Pushan
		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

SLOW LEARNER LIST

Departrment of Information Technology

Academic Year: 2020-21

SEM / Yr : VIII/VI/IV-IV/III/II

S.No	Name of the Student	No of Backlogs in previous semesters							Internal Assessment				
		Sem1	Sem2	Sem3	Sem4	Sem5	Sem6	Sem7	IAT1	IAT2	IAT3	IAT4	IAT5
1	Kabilan R	1	0	0	0	0	0	1	2	3	3	3	2
2	Prakash R	1	1	0	0	0	0	0	3	2	2	3	4
3	Samsudeen	1	0	0	1	0			3	4	3	3	3
4	Jositha	1	0	1	0	1			2	4	4	4	3
5	Dharvish Mohaideen	5	0	0					5	4	4	4	4
6	Mohamed Faizal Khan	3	0	0					3	4	4	4	3

Coordinator

Sign of the HoD with date

No.: TLP 46

Rev. No.: 1.0

Rev. Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

SLOW LEARNER LIST

Departrment of Information Technology

Year: 2020-21

SEM / Yr : VII/V/III-**IV/III/II**

S.No	Name of the Student	No of Backlogs in previous semesters							Internal Assessment				
		Sem1	Sem2	Sem3	Sem4	Sem5	Sem6	Sem7	IAT1	IAT2	IAT3	IAT4	IAT5
1	Kabilan R	3	2	2	2	2	5		2	3	3	3	2
2	Vignesh	4	3	2	2	5	5		3	2	2	3	4
3	Samsudeen	3	2	4	3				3	4	3	3	3
4	Jositha	2	3	3	2				2	4	4	4	3
5	Dharvish Mohaideen	5	3						5	4	4	4	4
6	Mohamed Faizal Khan	4	2						3	4	4	4	3

Coordinator

Sign of the HoD with date

No.: TLP 46

Rev. No.: 1.0

Rev. Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

SLOW LEARNER LIST

Departrment of Information Technology
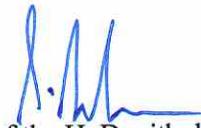
Academic Year: 2019-20

SEM / Yr :   VIII/VI/IV-**IV/III/II**

S.No	Name of the Student	No of Backlogs in previous semesters							Internal Assessment				
		Sem1	Sem2	Sem3	Sem4	Sem5	Sem6	Sem7	IAT1	IAT2	IAT3	IAT4	IAT5
1	Hariharan H	3	3	3	2	5	2	4	2	3	3	3	2
2	Suhail Rasheed R	3	3	3	2	5	2	4	3	2	2	3	4
3	Kabilan R	1	0	0	1	0			3	4	3	3	3
4	Vignesh R	1	0	1	0	1			2	4	4	4	3
5	Samsudeen	5	0	0					5	4	4	4	4
6	Jositha	3	0	0					3	4	4	4	3

Coordinator

Sign of the HoD with date

No.: TLP 46

Rev. No.: 1.0

Rev. Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

SLOW LEARNER LIST

Departrment of Information Technology

Academic Year: 2019-20

SEM / Yr :   VII/V/III-**IV/III/II**

S.No	Name of the Student	No of Backlogs in previous semesters							Internal Assessment				
		Sem1	Sem2	Sem3	Sem4	Sem5	Sem6	Sem7	IAT1	IAT2	IAT3	IAT4	IAT5
1	Hariharan H	4	3	3	2	5	5		2	3	3	3	2
2	Suhail Rasheed R	5	3	3	3	5	5		3	2	2	3	4
3	Kabilan R	3	0	0	1				3	4	3	3	3
4	Vignesh R	4	3	2	2				2	4	4	4	3
5	Samsudeen	5	3						5	4	4	4	4
6	Jositha	3	3						3	4	4	4	3

Coordinator

No.: TLP 46

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

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Rev. No.: 1.0

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Rev. Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

TOPPER STUDENTS LIST

Department of Information Technology

Academic Year: 2019-20

S.No	Name of the Student	SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	SEM 6	SEM 7	CGPA	Self Learning	Industry Projects	Competition	Higher Studies Awareness	Scholarship
											Methods of Encouraging bright students			
1	Afrin Fathima M	8.1	7.9	8.3	8.2	8.1	7.9		8	Yes	Yes	Yes	No	No
2	Farheenbegum J	7.5	7.9	8.1	8.1	7.9	8.2		7.9	Yes	Yes	Yes	No	No
3	Jothika	7.4	6.8	7.6	6.8				7	Yes	Yes	Yes	No	Yes
4	Fouziya	7.8	7.9						7.85	Yes	Yes	Yes	No	No

Staff Incharge

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Rev. Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

TOPPER STUDENTS LIST

Department of Information Technology

Academic Year: 2019-20

S.No	Name of the Student	SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	SEM 6	SEM 7	CGPA	Methods of Encouraging bright students				
										Self Learning	Industry Projects	Competition	Higher Studies Awareness	Scholarship
1	Afrin Fathima M	8.1	7.9	8.3	8.2	8.1	7.9	8.1	8.1	Yes	Yes	Yes	No	No
2	Farheenbegum J	7.5	7.9	8.1	8.1	7.9	8.2	8.1	8	Yes	Yes	Yes	No	No
3	Jothika	7.4	6.8	7.6	6.8	6.2			7.1	Yes	Yes	Yes	No	Yes
4	Fouziya	7.8	7.9	8.1					7.9	Yes	Yes	Yes	No	No

Staff Incharge

Sign of the HoD with date

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

TOPPER STUDENTS LIST

Department of Information Technology

Academic Year: 2020-21

S.No	Name of the Student	SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	SEM 6	SEM 7	CGPA	Methods of Encouraging bright students				
										Self Learning	Industry Projects	Competition	Higher Studies Awareness	Scholarship
1	Jothika	7.4	6.8	7.6	6.8	6.2	7.3		7.3	Yes	Yes	Yes	No	Yes
2	Fouziya	7.8	7.9	8.1	8.2				7.9	Yes	Yes	Yes	No	No
3	Ganga	8.1	7.9						8.2	Yes	Yes	Yes	No	No
4	Sugaiel Fathima	8.1	7.9						8	Yes	Yes	Yes	No	No

Staff Incharge

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Rev. No.: 1.0

Rev. Date: 04.01.21

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

TOPPER STUDENTS LIST

Department of Information Technology

Academic Year: 2020-21

S.No	Name of the Student	SEM 1	SEM 2	SEM 3	SEM 4	SEM 5	SEM 6	SEM 7	CGPA	Self Learning	Industry Projects	Competition	Higher Studies Awareness	Scholarship
										Methods of Encouraging bright students				
1	Jothika	7.4	6.8	7.6	6.8	6.2	7.3	7.5	7.3	Yes	Yes	Yes	No	Yes
2	Fouziya	7.8	7.9	8.1	8.2	7.9			7.9	Yes	Yes	Yes	No	No
3	Ganga	8.1	7.9	8.3					8.2	Yes	Yes	Yes	No	No
4	Sugaiel Fathima	8.1	7.9	8.1					8	Yes	Yes	Yes	No	No

Staff Incharge

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Format No.: TLP 47

Rev. No.: 1.0

Rev. Date: 04.01.21

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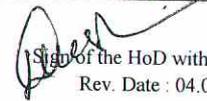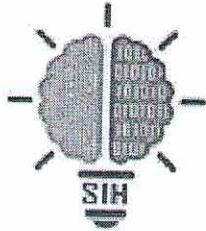
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MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
Chennai-603 103.

सी डेक
CDAC

my
GOV
मेरी सरकार

Maker
Village

Ministry of Electronics and Information Technology
Government of India

रख 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

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

Organisers | MHRD | MIC | AICTE | Persistent | Platform Partners | aws

Certificate of
PARTICIPATION
This Certificate is awarded to

M.Ganga

of team _____HELLFIRES_____

for participating in

"Smart India Hackathon 2020"

SMART INDIA
HACKATHON
2020

FTWARE EDITION

Grand Finale
, 2nd & 3rd Aug. 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 | Media Partner

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

Organisers MHRD MIC Persistent Platinum Partner aws

Certificate of
PARTICIPATION

This Certificate is awarded to

SMART INDIA HACKATHON 2020

SOFTWARE EDITION

Grand Finale
1st, 2nd & 3rd Aug. 2020

Lubna

of team   HELLFIRES

for participating in

"Smart India Hackathon 2020"

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

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

Certificate Uniqid: 971302

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

Organisers MHRD MIC 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**

SOFTWARE EDITION

Grand Finale
1ˢᵗ, 2ⁿᵈ & 3ʳᵈ Aug. 2020

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

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

Organisers MHRD MIC Persistent **Platinum Partner** aws

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PARTICIPATION

This Certificate is awarded to

SMART INDIA
HACKATHON
2020

SOFTWARE EDITION

Grand Finale
1st, 2nd & 3rd Aug. 2020

Mohamed

of team   HELLFIRES

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Dr. Anil D. Sahasrabudhe
Chairman, AICTE
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Dr. Abhay Jere
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Government of India

Certificate Uniqid: 971302

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

Certificate of
PARTICIPATION

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SMART INDIA HACKATHON 2020

SOFTWARE EDITION

Grand Finale
1st, 2nd & 3rd Aug. 2020

K.Shahidha

of team _____HELLFIRES_____

for participating in

"Smart India Hackathon 2020"

PRINCIPAL
MOHAMED SATHAK A.J.COLLEGE OF ENGINEERING
34, Rajiv Gandhi Road (OMR), Siruseri, IT Park
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Ministry of Education
Government of India

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

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

COURSE FILE INDEX - THEORY / PRACTICAL

Academic Year:	2020-2021	Degree /Branch /Year /Sem:	B.TECH/IT
Subject Code:	CS8792	Subject Name:	CRYPTOGRAPHY AND NETWORK SECURITY
Department:	INFORMATION TECHNOLOGY	Name of the Faculty:	Mr. A. Basanidharan

University Examination Results

Sl.No.	Academic Year	Regulation	Name of the faculty member	Pass Percentage (%)
1				
2				
3				

Sl.No	Particulars	Mention the previous year reference readily available with year	Status
1	University Syllabus	2021	YES
2	Time Table	2021	
3	Lesson Plan	2021	YES
4	Question Bank	2021	YES
5	University Question Paper (Theory / Practical)	2021	YES
6	List of Experiments – Cycle-wise (including content beyond the syllabus)	2021	YES
7	Tutorial / Work Sheet if any		
8	Lecture notes	2021	YES
9	Material for Content beyond Syllabus/Activity	2021	YES
10	Student Attendance & Assessment Record (Theory / Practical)	2021	YES
11	Student record - Sample (Lab)		
12	Faculty sample record (Lab)		
13	Model Exam Answer Sheets- Sample (Lab)		
14	Pre-Evaluation feedback form for Anna University Exam		
15	Course End Survey		

16	Internal Assessment	IAT I	IAT II	IAT	IAT IV	EPC	
	a. Question Paper	YES	YES	YES	YES	YES	
	b. Sample Answer sheets & Assignments						
	c. Answer Key						

*Kindly sign with date

Faculty
(Name & Sign)

HoD
(Name & Sign)

Head-Academics
(Name & Sign)

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Rev.No.: 01

Rev.Date: 04.01.21

NAME OF THE DEPARTMENT	INFORMATION TECHNOLOGY
NAME OF PROGRAMME	B.TECH
SESSION	2021 - 2022
SUBJECT	CRYPTOGRAPHY AND NETWORK SECURITY
SUBJECT CODE	CS 8792
DATE OF SUBMISSION	

MOHAMED SATHAK A J COLLGE OF ENGINEERING, Chennai - 603103
COMPUTER SCIENCE ENGINEERING
CNS (CS8672) , CSE - VII sem/VII yr

Sl. no.	Reg No.	Name
1	311818104002	AKSHAL. C
2	311818104003	ALTHAF.A
3	311818104004	ANAS AHAMED. A
4	311818104005	ATHISH K.S
5	311818104006	BALAJI. M
6	311818104008	CHANDRA.PRAKASH S.R
7	311818104009	DIVYA.G
8	311818104010	FAISAL AHMED KHAN. M
9	311818104011	FAISAL SHOUKATH
10	311818104012	MAHALAKSHMI.R
11	311818104014	MITHUN. B
12	311818104015	MOHAMED AFRAS A.M
13	311818104021	NAINA MOHAMED SAHIB. H
14	311818104022	NARENDRAN.E
15	311818104023	NIRANJAN. G
16	311818104024	PARVEEN BEGUM. M
17	311818104025	SHAHINA. N
18	311818104026	SHAZAMA FATHIMA.H
19	311818104701	VIGNESH KUMAR.S

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

MOHAMED SATHAK A J COLLGE OF ENGINEERING, Chennai - 603103
INFORMATION TECHNOLOGY
CNS (CS8672) , IT - VII sem/VII yr

Sl. no.	Reg No.	Name
1	311818105001	ABDUL RAHUMAN S
2	311818105002	AKTHEER ILYAS A
3	311818105003	FARVEJ MOHAMED M
4	311818105004	FOUZIA M
5	311818105005	HUMAIRA Y
6	311818105006	JOSHITHA J
7	311818105007	MOHAMED HISAM T
8	311818105008	MOHAMED IMRAN A
9	311818105009	MOHAMED SULTHAN M
10	311818105010	MOHAMMED IHSAAN SADIQ P S
11	311818105011	SAFWAAN ABDUL RAZACK S
12	311818105012	SHAMSUDEEN A
13	311818105301	RIZWAN AHAMED R

MOHAMED SATHAK A J COLLEGE OF ENGINEERING, Chennai - 603103

PERFORMANCE IN COMPETITIVE EXAMS

Department: Information Technolgy

Academic year: 2019-2020

S. No.	Name of student	Month / Year	Name of the Exam	Rank/Mark
1	Shreenidi Alagesan	23.03.2019	IELTS	7.0

*Enclose the Hall ticket of the exam / Grade sheet

Faculty in-charge
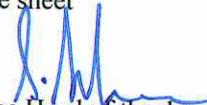
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Date of Birth	27/12/1997				

Country or Region of Origin	
Country of Nationality	INDIA
First Language	TELUGU

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Listening	7.5	Reading	7.0	Writing	6.0	Speaking	8.0	Overall Band Score	7.0	CEFR Level	C1

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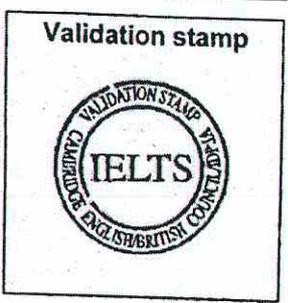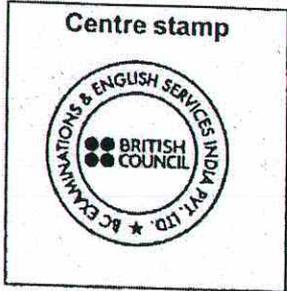
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STUDENTS PUBLICATION DETAILS

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

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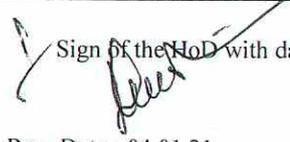
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Certificate of Publication

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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

Prediction of Lung Cancer Using Classifier Models

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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.

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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

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

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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

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.

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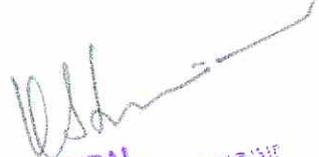
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