



# St. Joseph's College of Engineering and Technology

## DEPARTMENT OF SCIENCE AND HUMANITIES

### REPORT ON INDUCTION PROGRAM (2023-2024)

<b>Name of the Event</b>	:	Induction Programm
<b>Organizing Department</b>	:	S&H
<b>Co-ordinator</b>	:	Mrs.R.Malarkodi
<b>Date of the Event</b>	:	05.09.2023 to 12.09.2023
<b>Targeted Audience</b>	:	I year students
<b>No. of Participants</b>	:	197
<b>Venue</b>	:	Seminar Hall
<b>Objective of the Event</b>	:	The objective of the student induction program was to motivate first-year students to pursue their extracurricular and academic interests, to build relationships with their teachers, to open up new horizons in life, and to promote character development.
<b>Outcome of the Event</b>	:	The Student Induction Program encourages students in understanding the significance of engineering and the most latest engineering developments.

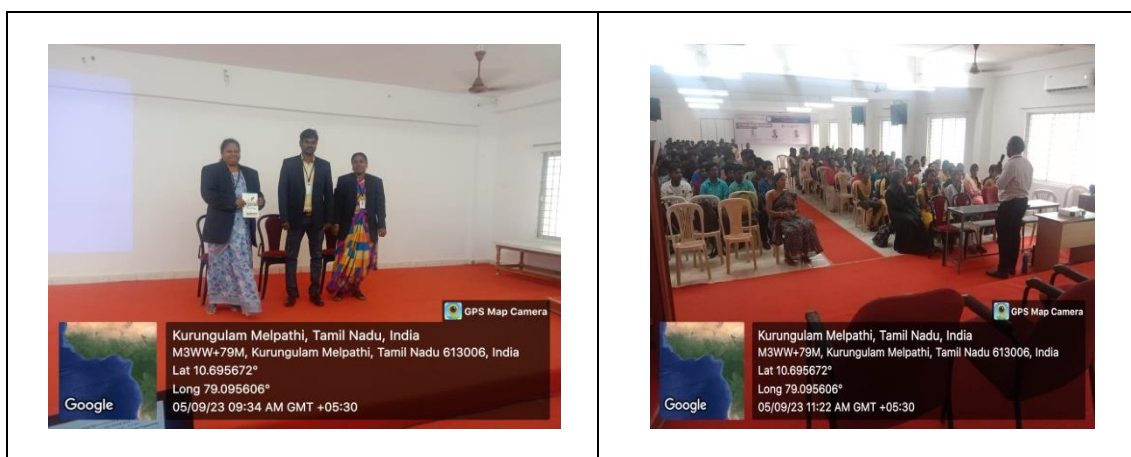
#### PROGRAMME DETAILS:

Date	Timing	Resource person	Topic
05.09.23	09.15 am - 10.40 am	Dr.D.Mercy, IQAC Coordinator	Innovation in Engineering
	10.50 am - 12.30 pm	Dr.G.Saravanan, HOD / MECH	Power Plant Engineering
	01.00 pm - 02.40 pm	Mrs.N.Priya, HOD/EEE	Electrical and Electronics Engineering :A journey for the Best Career
	02.50 pm - 04.20 pm	Mrs.S.Sudha, HOD/ECE	IoT and its applications
07.09.23	09.15 am - 10.40 am	Prof.Dr.D.Shanmugasundaram Principal / SJCET	Employable Engineers
	10.50 am - 12.30 pm	Mr.A.Manikandan, HOD / MBA	Conquering Procastionation
	01.00 pm - 02.40 pm	Mrs.R.Malarkodi HOD / S&H	Regulations 2021
	02.50 pm - 04.20 pm	Mr.L.Dinesh, HOD / AI&DS	A glance at Computer Science

08.09.23	09.15 am - 10.40 am	Dr.S.Krishnaveni, AP/Chemistry	Impact of Chemical industries on Environment
	10.50 am - 12.30 pm	Dr.A.Anthony Joseph, ASP/Physics	Transformation to technocrats
	01.00 pm - 02.40 pm	Dr.R.Ravikumar, AP/Mathematics	Applications of Mathematics
	02.50 pm - 04.20 pm	Mrs.M.Backialakshmi, AP/ECE	Appliocation of AI in Chandrayaan 3
11.09.23	09.15 am - 10.40 am	Dr.P.Geetha, AP/English	Process of Communication
	10.50 am - 12.30 pm	Dr.A.Frankiln Alex Joseph, ASP/EEE	Engineering for Life
	01.00 pm - 02.40 pm	Dr.P.Backialakshmi, AP/Physics	Application of NMR Spectroscopy
	02.50 pm - 04.20 pm	Mrs.J.Stephy Francisca & Ms.Ackshara AP/CSE	Aptitude and Soft Skills
12.09.23	09.15 am - 10.40 am	Dr.N.Latha, AP/Mathematics	Application of Pythagoras Theorem in Engineering
	10.50 am - 12.30 pm	Dr.M.Chitravel AP/Chemistry	Impact of Plastics on Environment
	01.00 pm - 02.40 pm	Dr.A.Aruldoss AP/Mathematics	Enhancement of Employable Opprtunity through Aptitude
	02.50 pm - 04.20 pm	Mrs.J.Stephy Francisca AP/CSE	An introduction to Python Programming

The Student induction program was conducted as per the above schedule and the students actively participated in various activities conducted in the sessions. In addition, they learn about current engineering and technological developments.

### Screen Shots:





M3WW+79M, Kurungulam Melpathi, Tamil Nadu 613006, India  
Kurungulam Melpathi  
Tamil Nadu  
India  
2023-09-07(Thu) 11:47(am)  
32°C  
90°F



Kurungulam Melpathi, Tamil Nadu, India  
M3WW+79M, Kurungulam Melpathi, Tamil Nadu 613006, India  
Lat 10.695672°  
Long 79.095606°  
05/09/23 03:02 PM GMT +05:30



Employable Engineers  
by  
Dr. P. S. Srinivasan  
Principal, Government Engineering College  
Kurungulam Melpathi, Tamil Nadu



M3WW+48Q, Kurungulam Melpathi, Tamil Nadu 613006, India  
Kurungulam Melpathi  
Tamil Nadu  
India  
2023-09-07(Thu) 09:46(am)  
29°C  
84°F



Kurungulam Melpathi, Tamil Nadu, India  
M3WW+79M, Kurungulam Melpathi, Tamil Nadu 613006, India  
Lat 10.695672°  
Long 79.095606°  
08/09/23 11:37 AM GMT +05:30



Kurungulam Melpathi, Tamil Nadu, India  
M3WW+48Q, Kurungulam Melpathi, Tamil Nadu 613006, India  
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Long 79.095844°  
11/09/23 11:41 AM GMT +05:30



**St. Joseph's College of Engineering  
and Technology, Thanjavur**



**Department of Science and Humanities**

**STUDENT INDUCTION PROGRAM**

**2023-2024**



**DATE**

**September 12, 2023**



**TIME**

**09:15 am - 10:40 am**



**LOCATION**

**Seminar Hall**

**TITLE:**

**Application of Pythagoras theorem  
in Engineering**



**Dr. N. Latha**

**Assistant Professor-Mathematics**

**WITHOUT MATHEMATICS,  
THERE'S NOTHING YOU CAN DO**



**St. Joseph's College of Engineering and  
Technology, Thanjavur**



**Department of Science and Humanities**

**STUDENT INDUCTION PROGRAM**

**2023-2024**

**Dr. M. Chitravel**

**Assistant Professor - Chemistry**

**12 September 2023**

**11:15AM-12:30 PM**



**Title**

Impact of plastics on  
environment

**Be a recycler, be a saver. Today, recycle  
for a better tomorrow**



**St. Joseph's College of Engineering and  
Technology, Thanjavur**



**Department of Science and Humanities**

**STUDENT INDUCTION PROGRAM**

**2023-2024**



**DATE**

12, SEP 2023



**TIME**

01:15 pm-02:40 pm

**Title:**

Enhancement of Employable  
opportunity through Aptitude



**Dr. A. Aruldoss**  
**Assistant Professor-Mathematics**



**St. Joseph's College of  
Engineering and  
Technology, Thanjavur**



**Department of Science and Humanities**

**Student Induction Program**

**2023-2024**

**MONDAY**

**11 SEP 2023**

**03:00 PM-04:20 PM**

**SEMINAR HALL**

**"Use your Ability to turn  
your Dream into Reality"**

**Resource Persons**



**Mrs. J. Stephy Francisca**  
Assistant professor-CSE



**Mrs. V. Priya**  
Assistant Professor -CSE

**An introduction to Python Programming**



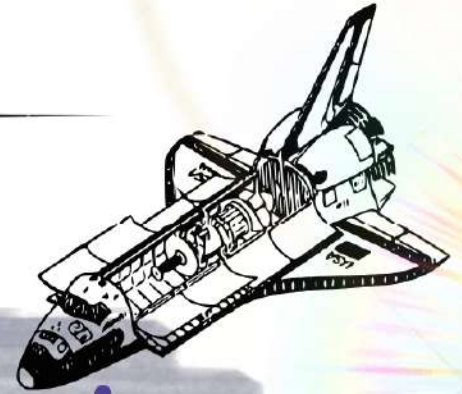
# ST. JOSEPH'S

COLLEGE OF ENGINEERING & TECHNOLOGY  
THANJAVUR

**Department of Science & Humanities**

**Student Induction Program**

**2023-2024**

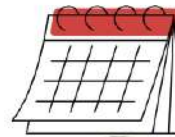


***"Innovation in  
Engineering"***



**Resource Person:**

**Dr. D. Mercy**  
**IQAC Coordinator**



**05.09.2023**



**9.15 AM - 10.40 AM**



**Seminar Hall**

***Science is about knowing ;  
Engineering is about doing***



**ST. JOSEPH'S COLLEGE OF  
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THANJAVUR**

**DEPARTMENT OF SCIENCE & HUMANITIES  
Student Induction Program**

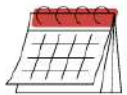
**2023-2024**



**"IoT and its  
Applications"**

**Resource person:**

**Prof. Mrs. S. Sudha  
HOD-ECE**



**05.09.232**



**Time :03.00 pm -04. 20 pm**



**Seminar Hall**

**Everything that can be Automated  
will be Automated**





# ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY, THANJAVUR

DEPARTMENT OF SCIENCE & HUMANITIES

## Student Induction Program

2023-2024



**Power plant  
Engineering**

**Resource person:**

**Dr. G. Saravanan  
HOD - Mechanical**



05.09.2023



11:00 am - 12:30 pm



Seminar Hall

The power plant does not have the energy,  
It generates it.





**ST. JOSEPH'S COLLEGE OF  
ENGINEERING AND TECHNOLOGY,  
THANJAVUR**

Department of science and Humanities  
Student Induction Program

**2023-2024**

**Topic:**

"Electrical and Electronics  
Engineering - A journey for the  
Best Career"

Resource person:

Mrs. N. Priya  
HOD-EEE



**05.09.2023**



**1.00 PM TO 2.40 PM**



**SEMINAR HALL**

"Electrical Engineers do everything  
with more frequency less resistance "

**St.Joseph's College of Engineering and  
Technology,Thanjavur**



**Department of Science and Humanities**

## *Student Induction Program*

**2023-2024**

**RESOURCE PERSON**

Mr.L.DINESH

HOD-AI&DS

**TITLE**

A Glance at Computer Science

**THURSDAY**

07 SEP 2023

**TIME**

03:00PM - 4.20PM



"A Computer Lab is not just a room full of Computers;  
it's a Gateway to more possibilities"



# ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY, THANJAVUR

## DEPARTMENT OF SCIENCE & HUMANITIES Student Induction Program 2023-2024

***"Employable  
Engineers"***



**Resource Person:**  
Prof Dr. D. Shanmugasundaram



**07.09.2023**



**Time :09.15 am -10. 40 am**



**Seminar Hall**

**Everything that can be Automated  
will be Automated**



**St. Joseph's College of  
Engineering and  
Technology, Thanjavur**



**Department of Science and Humanities**

# **Student Induction Program**

**2023-2024**

**THURSDAY**

**07 SEP 2023**

**11:00AM-12.30 PM**

**SEMINAR HALL**

***Title:***

***Conquering Procastination***

**Resource Person**

**Mr.A.MANIKANDAN**

**HOD-MBA**

**"Procastination is the  
thief of Time"**





**St. Joseph's College of Engineering and  
Technology, Thanjavur**



**Department of Science and Humanities**

**STUDENT INDUCTION PROGRAM**

**2023-2024**

**Dr. S. Krishnaveni**  
Assistant Professor -Chemistry

08 September 2023

**09:15AM-10:40 AM**

## **Title**

Impact of Chemical  
Industries on Environment



Environment is no one's property to destroy; it's everyone's  
responsibility to protect.



**St. Joseph's College of Engineering and  
Technology, Thanjavur**



**Department of Science and Humanities**

**STUDENT INDUCTION PROGRAM**

**2023-2024**

**08 Sep, 2023**

**11 : 15 am-12 : 30 pm**

**Seminar Hall**

**Dr.A.Antony Joseph**

Associate professor-Physics

**Title:**

Transformation to Technocrats

The way to get started is to quit talking  
and begin doing.





**St. Joseph's College of Engineering  
and Technology, Thanjavur**



**Department of Science and Humanities**

**STUDENT INDUCTION PROGRAM**

**2023-2024**



**DATE**

**September 8, 2023**



**TIME**

**01:15 pm - 02:40 pm**



**LOCATION**

**Seminar Hall**

**TITLE:**

**Application of Mathematics**



**Dr. R. Ravikumar**

**Assistant Professor - Mathematics**

**WITHOUT MATHEMATICS,  
THERE'S NOTHING YOU CAN DO**



**St. Joseph's College of Engineering and  
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**Department of Science and Humanities**

**STUDENT INDUCTION PROGRAM**

**2023-2024**



**DATE**

08, SEP 2023



**TIME**

03:00 pm-04:20 pm

**Title:**

Artificial Intelligence and its  
role in Chandrayaan 3 Mission



**Mrs .M. Backialakshmi**  
**Assistant Professor - ECE**



St. Joseph's College of Engineering and  
Technology, Thanjavur



Department of Science and Humanities

**STUDENT INDUCTION PROGRAM**

**2023-2024**

**11 Sep, 2023**

09: 15 am-10 : 40 pm

Seminar Hall

**Title:**

Process of Communication

“Communication is the solvent of all  
problems and is the foundation for  
personal development.”



**Dr.P.Geetha**

Assistant professor-English



**St. Joseph's College of Engineering and  
Technology, Thanjavur**



**Department of Science and Humanities**  
**STUDENT INDUCTION PROGRAM**  
**2023-2024**

**Dr. A .Franklin Alex Joseph**  
Associate Professor -EEE  
Admission Coordinator  
11 September 2023  
**11:15AM-12:30 PM**



**Title**

Engineering for Life

- Engineering is the closest thing to magic that exists in the world



# ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY, THANJAVUR

## DEPARTMENT OF SCIENCE & HUMANITIES Student Induction Program 2023-2024

### "Application of NMR spectroscopy"

#### Resource Person:

Dr. P. Backialakshmi  
Assistant Professor - Physics



**11.09.2023**



**Time : 0.15 pm - 02. 30 pm**



**Seminar Hall**

**Everything that can be Automated  
will be Automated**





**St. Joseph's College of  
Engineering and  
Technology, Thanjavur**



**Department of Science and Humanities**

**Student Induction Program**

**2023-2024**

**MONDAY**

**11 SEP 2023**

**03:00 PM-04:20 PM**

**SEMINAR HALL**

**"Aptitude is the  
Foundation of Success"**

**Resource Persons**



**Mrs. J. Stephy Francisca**  
Assistant professor-CSE  
Training Program on  
Learning and Development



**Ms. M. Akshara**  
Assistant Professor - CSE  
Solving Techniques of Aptitude