



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**

Department of Automobile Engineering

Permission Letter

Date: 08/10/2022

To,  
The Principal,  
Theem College of Engineering,  
Boisar.

**Subject:** Seeking permission for 8 days (40 hours) short term training on "SolidWorks Advanced Practices"


Respected Sir,

I am Professor Mohammad Wasim Khan, the HOD of Mechanical Engineering Department. My department has arranged 8 days (40 hours) short term training on "Solid Works Advanced Practices" for the benefit of our Students. The main objective of this activity is to enrich students about the advanced applications of SolidWorks in solid modeling computer-aided design and computer-aided engineering applications. The training has been scheduled during 29th December 2022 to 06th January 2023 (only working days).

I request you to give us permission for the activity of above said training program.

With best regards  
Yours sincerely

  
Prof Noman Bader  
Program Coordinator

  
Prof Mohammad Wasim Khan  
Head of Mechanical Engineering Dept.

Enclosed:

- 1) Letter of Acceptance from Resource person/Company - Annex
- 2) CV of the Resource Person
- 3) Topic/Syllabus to be covered
- 4) Schedule of the activity

*Permitted*  
*Due*  
*19/10/22*



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Department of Mechanical Engineering

### Schedule


Date: 29/12/2022 to 06/01/2023


Name of the Activity: Vocational training on "Solid Works Advance Practices".  
Name of Trainer: Mr. Amit Nirmal.

Day	Session	Agenda	Session timing
29/12/2022 (Thursday)	<u>Sessions 1 &amp; 2</u>	Advanced assembly making with advanced commands (e.g. advanced mate, mating gear contacts).	10:15 to 01:15
			02:00 to 04:00
30/12/2022 (Friday)	<u>Sessions 3 &amp; 4</u>	Surfacing	10:15 to 01:15
			02:00 to 04:00
31/12/2022 (Saturday)	<u>Sessions 5 &amp; 6</u>	Sheet Metal Working.	10:15 to 01:15
			02:00 to 04:00
02/01/2023 (Monday)	<u>Sessions 7 &amp; 8</u>	Solid Works Routing.	10:15 to 01:15
			02:00 to 04:00
03/01/2023 (Tuesday)	<u>Sessions 9 &amp; 10</u>	Weldments	10:15 to 01:15
			02:00 to 04:00
04/01/2023 (Wednesday)	<u>Sessions 11 &amp; 12</u>	Geometric Modelling.	10:15 to 01:15
			02:00 to 04:00
05/01/2023 (Thursday)	<u>Sessions 13 &amp; 14</u>	SolidWorks Simulation (assembly animation)	10:15 to 01:15
			02:00 to 04:00
06/01/2023 (Friday)	<u>Sessions 15 &amp; 16</u>	Simulation interpretation (e.g. results/ report study and interpretation)	10:15 to 01:15
			02:00 to 04:00

  
Prof. Noman Bader

Program Coordinator (Mechanical Engg.)

  
Prof. Mohammad Wasim Khan  
HOD (Mechanical Engg.)

  
Dr. Riyazuddin Siddiqui  
(Principal)



### Activity Feedback

Name: Eight days (40 hours) vocational training on "Solid Works Advanced Practices"

Duration of the Program: 29/12/2022 to 06/01/2023

Attendees: Students

Branch: Automobile & Mechanical

1) Did the expert emphasize the fundamentals properly?

Yes

2) Did he cover the advanced and complex engineering problems of Design in Solid Works with respect to practical problems and academic point of view?

Yes

4) Did you end up the program with any kind of queries or doubts not cleared by the expert?

No

3) Did you learn something valuable from the prolonged period of this training program?

Yes

5) What benefits have you derived from the training?

from this I ~~learn~~<sup>learn to</sup> know some new features.

6) Overall rating of the course?

- Excellent
- Very good
- Good
- Satisfactory
- Poor

7) We appreciate any thoughts or suggestions.

Time of this course is less.  
If there is possible to extend  
please extend it.



H. J. Thim Trust's

# Theem College of E

Approved by AICTE (New Delhi), Government of India  
Affiliated to University of Mumbai

"A NAAC Accredited Institute"

8 days training  
Solid Works 2022-20

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal & Dist Palghar - 401 501

Tel: 7769916109 • Telefax: (02525) 284 927 • Email: info@theemcoe.org • Website: www.theemcoe.org

Thanks Giving

Ref No: TCE/EST/2022-23/222

Date: 06/01/2023

To,  
Mr. Amit Nirmal,  
The Training Expert/Trainer,  
Shirsh Technosolutions,  
Goregaon (W),  
Mumbai - 400062.

Subject: Thanks giving to Mr. Amit Nirmal.

Dear Sir,

We are very glad to thank you for presenting yourself in the vocational training on "Solid Works Advanced Practices" in engineering applications and for being an expert to enrich our students in the program. Your presentation on solid works applications enlightened our students. Our students were further promoted to solve the challenges of complex engineering problems in industry at an advanced level.

We always expect the same kind of coordination and cooperation in future.

Thanking you.

With best regards.

Yours faithfully,

Prof. Noman Bader

Program Coordinator (Mechanical Engg.)

Prof. Mohammad Wasim Khan

HOD (Mechanical Engg.)

Recd  
06/01/23

Dr. Riyazuddin Siddiqui  
(Principal)

06/01/23



H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE  
Affiliated To University Of Mumbai Est.:- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909

Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

Ref. No. TCE/EST/2022-23/241C

## Permission Letter

Date: 27th January 2023

To,

The Principal  
Theem college of Engineering Boisar.

**Sub:** Seeking Permission for conducting SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023.

Respected Sir

The Department of Information Technology is pleased to inform you that we are planning to organize a SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023. The main objective of this programme is to develop an in-depth understanding of the key technologies in data science and business analytics in students.

Therefore, we request you to give us permission for the commencement of the mentioned activity.

Yours sincerely,

Prof. Sharique Ahmad  
Coordinator



Prof. Sneha Sankhe  
HOD IT

Permitted  
Theem  
27/01/23

Dr. Riyazuddin Siddiqui

PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar - 401 404

Enclosed:

- 1) Letter of Acceptance from Resource person/Company - Annex
- 2) CV of the Resource Person
- 3) Topic/Syllabus to be covered
- 4) Schedule of the activity



H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE  
Affiliated To University Of Mumbai Est.- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909  
Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

Ref No. TCE/EST/2022-23/238 B

## Invitation Letter

Date: 24th January 2023

To,

Mrs. Mamta Chaudhari,  
Livetech India,  
Andheri (W), Mumbai.

**Subject:** A humble request to be the resource person in SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023.

Respected Madam,

H. J. Thim Trust's Theem college of Engineering is a premier engineering institute at Boisar, Palghar district in Maharashtra, India-401501. It is one of the institutes run by H.J. THIM trust where engineering courses are offered in many disciplines such as Information Technology, Computer Engineering, AIML, Automobile Engineering, Electrical Engineering, Mechanical Engineering and Civil Engineering. The institute also offers diploma in engineering courses.

The Information Technology department is planning to organize a SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023 in its college campus. For this programme, we want you to be the resource person so that we may be benefited with your skills, knowledge and a great deal of experience.

Therefore we request you to accept our invitation for the SDP. We shall be thankful to you for your consideration.

Yours sincerely,

Prof. Sharique Ahmad  
SDP Coordinator



Prof. Sneha Sankhe  
HOD IT

24/01/23  
Dr. Riyazuddin Siddiqui  
Principal

PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar -401 401



H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE  
Affiliated To University Of Mumbai Est.:- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909

Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

Ref NO. TCE / EST / 2022-23 / 238 A

## Invitation Letter

Date: 24th January 2023

To,

Mr. Taral Mehta,  
Livetech India,  
Andheri (W), Mumbai.

**Subject:** A humble request to be the resource person in SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023.

Respected Sir,

H. J. Thim Trust's Theem college of Engineering is a premier engineering institute at Boisar, Palghar district in Maharashtra, India-401501. It is one of the institutes run by H.J. THIM trust where engineering courses are offered in many disciplines such as Information Technology, Computer Engineering, AIML, Automobile Engineering, Electrical Engineering, Mechanical Engineering and Civil Engineering. The institute also offers diploma in engineering courses.

The Information Technology department is planning to organize a SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023 in its college campus. For this programme, we want you to be the resource person so that we may be benefited with your skills, knowledge and a great deal of experience.

Therefore we request you to accept our invitation for the SDP. We shall be thankful to you for your consideration.

Yours sincerely,

Prof. Sharique Ahmad  
SDP Coordinator



Prof. Sneha Sankhe  
HOD IT

Dr. Riyazuddin Siddiqui

PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar -401 404



H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE  
Affiliated To University Of Mumbai Est.: 2009 - 2010

Boisar Chillar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909

Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

Ref. No. TCE/EST/2022-23/255A

## Letter of Appreciation

Date: 3rd February 2023

To,

Mr. Taral Mehta,  
Livetech India,  
Andheri (W), Mumbai.

**Subject:** Appreciation letter to the resource person of SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023.

Respected Sir,

We, the Theem fraternity, are very thankful to you for managing your precious time, well organized and full of knowledge sessions on a vast topic in SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023. Truly, it was a wonderful session which created awareness and curiosity about problem identification and solution strategy.

We hope you will continue your coordination and cooperation with us in future so that we may be benefitted again and again.

With best regards!

Yours sincerely,

Prof. Sharique Ahmad  
Coordinator



Prof. Sneha Sankhe  
HOD IT

Dr. Riyazuddin Siddiqui

Principal

THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar - 401 401





H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE  
Affiliated To University Of Mumbai Est.- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909  
Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

Ref. No. TCE/EST/2022-23/255B

## Letter of Appreciation

Date: 3rd February 2023

To,

Mrs. Mamta Chaudhari,  
Livetech India,  
Andheri (W), Mumbai.

**Subject:** Appreciation letter to the resource person of SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023.

Respected Madam,

We, the Theem fraternity, are very thankful to you for managing your precious time, well organized and full of knowledge sessions on a vast topic in SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023. Truly, it was a wonderful session which created awareness and curiosity about problem identification and solution strategy.

We hope you will continue your coordination and cooperation with us in future so that we may be benefitted again and again.

With best regards!

Yours sincerely,

Prof. Sharique Ahmad  
Coordinator



Prof. Sheha Sankhe  
HOD IT

Dr. Riyazuddin Siddiqui

PRINCIPAL

THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar - 401 404



H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE

Affiliated To University Of Mumbai Est.:- 2009 - 2010

Boisar Chilbar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909

Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

Date: 27th January 2023

## Schedule of Event

Name of Activity: SDP on "Data Science using Python" from 30/01/2023 to 03/02/2023.

Sr. No	Agenda		Time
01	Inauguration	Welcome	10:00 AM To 11:00 AM
		Recitation of Holy Quran	
		Felicitations of Spokesperson's and Guest's	
02	Day 1	Session 1	11:00 AM To 01:00 PM
		Lunch Break	01:00 PM To 02:00 PM
		Session 2	02:00 PM To 06:00 PM
03	Day 2	Session 3	10:00 AM To 01:00 PM
		Lunch Break	01:00 PM To 02:00 PM
		Session 4	02:00 PM To 06:00 PM
04	Day 3	Session 5	10:00 AM To 01:00 PM
		Lunch Break	01:00 PM To 02:00 PM
		Session 6	02:00 PM To 06:00 PM
05	Day 4	Session 7	10:00 AM To 01:00 PM
		Lunch Break	01:00 PM To 02:00 PM
		Session 8	02:00 PM To 06:00 PM
06	Day 5	Session 9	10:00 AM To 01:00 PM
		Lunch Break	01:00 PM To 02:00 PM
		Session 10	02:00 PM To 04:00 PM
07	Valedictory	Appreciation of Spokesperson's	04:00 PM To 06:00 PM
		Vote of Thanks	



*Handwritten signature*



H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE

Affiliated To University Of Mumbai Est.- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909

Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

## Course: Data Science with Python.

**Tentative Duration: 40 Hours**

**Prerequisites: C, C++**

**Course objectives:**

- To know the fundamental concepts of basics of python, operator, conditional statements.
- To learn data looping statements and Object Oriented Programming concepts in python
- To learn data collection, preprocessing and visualization techniques using Matplotlib, Data analysis using Pandas.

**Course Outcomes:**

- Understand the structure,syntax of the Python language and know the concept of the Data science process.
- Analyze the data using different statistical techniques and visualize the outcome using different types of plots.
- Design and Develop cost-effective applications using Python with machine learning techniques.

**Syllabus:**

Module	Topic	Hours
Module I	Introduction to python: Introduction, IDE, variables & constants Basic I/O, Math Operators, Logical and conditional Operators If Elif nested, Loops - For Loop break statement continue statement	08
Module II	Loops - For Loop break statement continue statement  Loops - While Loop Data Structure List/Tuple Set, Dictionar  Modules and Packages  File Handling Errors and Exceptions Handling	08





H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE

Affiliated To University Of Mumbai Est.- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909  
Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

<b>Module III</b>	OOPs-Class object Declaration, Inheritance, polymorphism, Basic Database, Database Connectivity with python Graphical User Interface-Textbox, Litho Graphical User Interface Menu, Option Button, Graphical User Interface with DB	<b>08</b>
<b>Module IV</b>	Numpy Pandas: Creating Data Frame, Filling NA values, Data Cleaning	<b>08</b>
<b>Module V</b>	Matplotlib: Line Plot, Multi line Scatterplot, Bar Plot, Pie chart	<b>08</b>


## Technical Requirements:

- **H/W Requirement:** PC with core i3, 2GB RAM and 256 GB HDD
- **S/W Requirements:** Python, Pycharm IDE

## Assessment Criteria:

Assessment will consist of Total 5 Assignments respectively for each day and Mini project based on covered topics.

Certificates will be awarded on completion of all assessment criteria.

			
<b>Prepared By</b>	<b>Verified By</b>	<b>Approved By</b>	
<b>Prof. Sharique Ahmad</b>	<b>Prof. Sneha Sankhe HOD</b>	<b>Dr. Riyazoddin S. Principal</b>	<b>Dr.N.K.Rana Director</b>





Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE  
Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 • Telefax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

## Letter of Invitation

Reference: TCE/EST/2022-23/453

Date: 10/06/2023

To,

Mr. Amit Nirmal  
The Training Expert/ Trainer  
Shirsh Technosolutions,  
Goregaon (W),  
Mumbai - 400104.

Subject: Request for 6 days training on "Finite Element Analysis"

Dear Sir,

The Theem College of Engineering is a premier engineering institute of the H.J. Thim Trust at Boisar, Taluka Palghar, conducting graduate engineering programmes in computer engineering, information technology engineering, AI&ML engineering, mechanical engineering, civil engineering, automobile engineering, and electrical engineering. We also offer diploma engineering programmes in computer engineering, electrical engineering, mechanical engineering, and civil engineering.

The Theem College of Engineering is organising six days training on finite element analysis from July 3, 2023, to July 8, 2023.


The principal, management, staff, and students of this institute will be grateful for your presence at the above-mentioned activity on July 3, 2023, at 10 a.m.

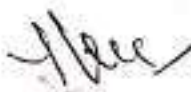
We will be grateful for your gracious acceptance of our invitation.

With best regards!

  
Prof. Noman Bader  
(Event Coordinator)



  
Prof. Mohammad Wasim Khan  
(HOD)

  
Dr. Riyazuddin Siddiqui

(Principal)

THEEM COLLEGE OF ENGINEERING  
At Village Betegaon, Near Union Park,  
Boisar (East), Tal. Palghar, Dist. Palghar



Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE  
Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 • Telefax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

## Thanks Giving

Reference: TCE/EGT/2023-24/19

Date: 08/07/2023

To,  
Mr. Amit Nirmal  
The Training Expert/ Trainer  
Shirsh Technosolutions  
Goregaon (W),  
Mumbai - 400062.

**Subject:** Thanks giving to Mr. Amit Nirmal

Dear Sir,

We are very glad to thank you for presenting yourself in the 6 days training on "Finite Element Analysis" in engineering applications and for being an expert to enrich our students in the program. Your presentation on FEA applications enlightened our students. Our students were further promoted to solve the challenges of complex engineering problems of industry at an advanced level.

We always expect the same kind of coordination and cooperation in future.

Thanking you

With best regards!

Yours faithfully

Prof. Noman Bader  
(Event Coordinator)

Prof. Mohammad Wasim Khan  
(HOD)

Dr. Riyazoddin Siddiqui  
(Principal)



## Activity Feedback

Name: Six days vocational training on "Finite Element Analysis"

Duration of the Program: 03/07/2023 to 08/07/2023

Attendees: Students

Branch: Automobile & Mechanical

1) Did the expert emphasize the fundamentals properly?

yes he emphasize the fundamentals properly

2) Did he cover the advanced and complex engineering problems of Finite Element Analysis with respect to practical problems and academic point of view?

yes

4) Did you end up the program with any kind of queries or doubts not cleared by the expert?

All doubts are cleared

3) Did you learn something valuable from the prolonged period of this training program?

yes, I'm Capable to Understand Analysis

5) What benefits have you derived from the training?

We came to know about ansys application at Industry level.

6) Overall rating of the course?

- Excellent
- Very good
- Good
- Satisfactory
- Poor

7) We appreciate any thoughts or suggestions.

The duration of the course should be long.



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**

Department of Mechanical Engineering

**Permission Letter**

Date: 03/06/2023

To,  
The Principal,  
Theem College of Engineering,  
Boisar.

**Subject:** Seeking permission for 6 days "Finite Element Analysis" Training

Respected Sir,

I'm Noman Bader, a professor in the mechanical engineering department. For the benefit of our students, our department has organised a 6-day short-term training course on "Finite Element Analysis". The primary goal of this activity is to educate our students about the sophisticated uses of FEA in computer-aided engineering applications in the industries. As a result, encouraging industrial knowledge and application among the students will heighten their interest in computer-aided design and simulations. The training has been scheduled during 3<sup>rd</sup> July 2023 to 8<sup>th</sup> July 2023.

You are kindly requested to permit for the activity of above said training program.

With best regards  
Yours sincerely

**Prof. Noman Bader**  
(Program Coordinator)

**Prof. Mohammad Wasim Khan**  
(HOD)

**Dr. Riyazoddin Siddiqui**  
(Principal)



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**

Department of Mechanical Engineering

## Schedule

Date: 03/07/2023 to 08/07/2023

Name of the Activity: Training Program on **Finite Element Analysis**

Name of Trainer: Mr. Amit Nirmal

Day	Session	Agenda	Session Timing
03/07/2023 (Monday)	<u>Sessions 1 &amp; 2</u>	Introduction (Structural Mechanics)	10:15 to 01:15
		2D Simulations	02:00 to 04:00
04/07/2023 (Tuesday)	<u>Sessions 3 &amp; 4</u>	3D Simulations	10:15 to 01:15
		Modal Analysis	02:00 to 04:00
05/07/2023 (Wednesday)	<u>Sessions 5 &amp; 6</u>	Dynamic Analysis	10:15 to 01:15
		Random Vibration Analysis	02:00 to 04:00
06/07/2023 (Thursday)	<u>Sessions 7 &amp; 8</u>	Step by step Thermal and Transient analysis	10:15 to 01:15
		Case study on pressure vessel coupling analysis: Thermal & Structural	02:00 to 04:00
07/07/2023 (Friday)	<u>Sessions 9 &amp; 10</u>	Optimization using DOE tool Step-by-Step	10:15 to 01:15
		Robotic arm gripper more exercise: case studies	02:00 to 04:00
08/07/2023 (Saturday)	<u>Sessions 11 &amp; 12</u>	Buckling and stress stiffening	10:15 to 01:15
		Advanced assembly making with advanced commands	02:00 to 04:00



**Prof. Noman Bader**  
(Event Coordinator)



**Prof. Mohammad Wasim Khan**  
(HOD)



**Dr. Riyazoddin Siddiqui**  
(Principal)

## Theem COE - Campus Recruitment Training Schedule

Date	Day	Timing	BATCH - 1	BATCH - 2
19-06-2023	Monday	10:00 AM TO 03:00 PM	Introduction to Quantitative Aptitude ( Importance of Aptitude in Engineering • Overview of Different Types of Aptitude Questions )  Musharraf sir	Introduction to Quantitative Aptitude ( Importance of Aptitude in Engineering • Overview of Different Types of Aptitude Questions )  Sumeet sir
		01:45 PM TO 05:15 PM	Time, Speed, and Distance ( Basic Concepts and Formulas • Time and Work Problems • Pipes and Cisterns )  Musharraf sir	Time, Speed, and Distance ( Basic Concepts and Formulas • Time and Work Problems • Pipes and Cisterns )  Sumeet sir
20-06-2023	Tuesday	10:00 AM TO 01:00 PM	Arithmetic and Number Systems 1 ( Basic Operations, Fractions and Decimals )  Sumeet sir	Arithmetic and Number Systems 1 ( Basic Operations, Fractions and Decimals )  Musharraf sir
		01:45 PM TO 05:15 PM	Arithmetic and Number Systems 2 (LCM and GCD)  Sumeet sir	Arithmetic and Number Systems 2 (LCM and GCD)  Musharraf sir
21-06-2023	Wednesday	10:00 AM TO 03:00 PM	Algebra and Equations 1 ( Linear Equations, Quadratic Equations )  Musharraf sir	Algebra and Equations 1 ( Linear Equations, Quadratic Equations )  Sumeet sir
		01:45 PM TO 05:15 PM	Algebra and Equations 2 ( Inequalities )  Musharraf sir	Algebra and Equations 2 ( Inequalities )  Sumeet sir
22-06-2023	Thursday	10:00 AM TO 03:00 PM	Geometry and Mensuration 1 ( Lines and Angles )  Sumeet sir	Geometry and Mensuration 1 ( Lines and Angles )  Musharraf sir
		01:45 PM TO 05:15 PM	Geometry and Mensuration 2 ( Circles, Triangles, and Quadrilaterals • Area and Volume Calculations )  Sumeet sir	Geometry and Mensuration 2 ( Circles, Triangles, and Quadrilaterals • Area and Volume Calculations )  Musharraf sir
23-06-2023	Friday	10:00 AM TO 01:00 PM	Probability and Combinatorics 1 (Basic Probability Theories, Counting Principles )  Musharraf sir	Probability and Combinatorics 1 (Basic Probability Theories, Counting Principles )  Sumeet sir
		01:45 PM TO 05:15 PM	Probability and Combinatorics 2 ( Permutations and Combinations ), Data Interpretation  Musharraf sir	Probability and Combinatorics 2 ( Permutations and Combinations ), Data Interpretation  Sumeet sir
24-06-2023	Saturday	10:00 AM TO 03:00 PM	Logical Reasoning  Sumeet sir	Logical Reasoning  Musharraf sir
		01:45 PM TO 05:15 PM	Mock Tests and Evaluation (Individual Assessments • Feedback and Future Roadmap )  Sumeet sir	Mock Tests and Evaluation (Individual Assessments • Feedback and Future Roadmap )  Musharraf sir

*[Signature]*  
PRINCIPAL  
12/06/23

THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar -401 001



*[Signature]*  
12/6/2023

Training & Placements Officer



H. J. THIM TRUST'S

# Theem College of Engineering, Boisar Approved

By AICTE (New Delhi) Government of Maharashtra & DTE  
Affiliated To University Of Mumbai Est.:- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909  
Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

## Permission Letter

Date: 07/11/2022

To,

The Principal  
Theem college of Engineering Boisar.

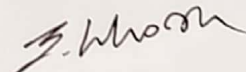
**Sub:** Seeking Permission for conducting "F.E. Induction Program" from 10/11/2022 to 16/11/2022.

Respected Sir

The Department of FE/Applied Science & Humanities is pleased to inform you that we are planning to organize a "F.E. Induction Program" from 10/11/2022 to 16/11/2022. The main objective of this programme is to develop academic interests, moral values and ethics among students.

Therefore, we request you to give us permission for the commencement of the mentioned activity.

Yours sincerely,

  
Dr. Emily Ghosh  
HOD

**Enclosed:**

- 1) CV of the Resource Person
- 2) Topic/Syllabus to be covered
- 3) Schedule of the activity





H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE  
Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Success... through  
quality education !

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.

Tel.: 7769916109 • Telefax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

TCE/EST/22-23/118

Date - 11/11/2022

To  
**Dr. Sameer Joshi**  
Director-LNBC Institute of Engg & Tech(MBA)  
Satara , Maharashtra.

**Subject:** Invitation to deliver a lecture on '**Universal Human Values**' for Induction Programme.

Dear Sir,

Theem College of Engineering is a premier Engineering Institute of H. J. Thim Trust at Boisar, Taluka Palghar, conducting graduate Engineering Programs in Computer Engineering, I.T. Engineering, Computer Sc. and Engineering (AIML), Mechanical Engineering, Civil Engineering, Automobile Engineering & Electrical Engineering. We also offer Diploma Engineering Programs in Computer Engineering, Mechanical Engineering, Civil Engineering and Electrical Engineering.

Theem College of Engineering is organizing an "**Induction Programme**" for first year students during 10.11.2022 to 16.11.2022.

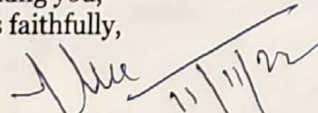
I cordially invite you to deliver a lecture discussing "**Universal Human Values**" on 15.11.2022.

**Topic:** 'Net Etiquettes for college students' followed by 'Expected Behaviour and Ethics among students'

**Timing: 11:00am to 1:00pm**

The Principal, Management, Staff and Students of this Institute shall be obliged and grateful for your kind acceptance.

Thanking you,  
Yours faithfully,

  
(Dr. Riyazuddin Siddiqui)  
PRINCIPAL  
PRINCIPAL

THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar -401 501.



  
(Dr. N. K. Rana)  
DIRECTOR

DIRECTOR  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar- 401 501.

Admn. Office : 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023.  
Tel.: 2204 6903 • Telefax : 2283 9850



Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE  
Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 • Telefax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

TCE/EST/2022-23/119

Date: -14/11/2022

To  
Mr. Rehman Gujrati  
Managing Partner at Arc3D  
Maharashtra

**Subject:** Invitation to deliver a "**Motivational Speech**" for Induction Programme

Dear Sir,

Theem College of Engineering is a premier Engineering Institute of H. J. Thim Trust at Boisar, Taluka Palghar, conducting graduate Engineering Programs in Computer Engineering, I.T. Engineering, Computer Sc. and Engineering (AIML), Mechanical Engineering, Civil Engineering, Automobile Engineering & Electrical Engineering. We also offer Diploma Engineering Programs in Computer Engineering, Mechanical Engineering, Civil Engineering and Electrical Engineering.

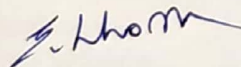
Theem College of Engineering is organizing an "**Induction Programme**" for first year students during 10.11.2022 to 16.11.2022.

I cordially invite you to deliver "**Motivational Speech**" on 15.11.2022.

**Timing: 2:00pm to 3:00pm**

The Principal, Management, Staff and Students of this Institute shall be obliged and grateful for your kind acceptance.

Thanking you,  
Yours faithfully,

  
(Dr. Emily Ghosh)  
HOD



  
(Dr. N. K. Rana)  
DIRECTOR  
DIRECTOR

THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar- 401 501.

Admn. Office : 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023.  
Tel.: 2204 6903 • Telefax : 2283 9850



Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE

Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

TCE/EST/2022-23/122

Date:-19/11/2022

To  
Mr. Khalil Pinjari  
Team Leader in cloud technology  
Maharashtra.

**Subject:** Invitation to deliver a lecture on "**Proficiency Module(Computer)**" for Induction Programme

Dear Sir,

Theem College of Engineering is a premier Engineering Institute of H. J. Thim Trust at Boisar, Taluka Palghar, conducting graduate Engineering Programs in Computer Engineering, I.T. Engineering, Computer Sc. and Engineering (AIML), Mechanical Engineering, Civil Engineering, Automobile Engineering & Electrical Engineering. We also offer Diploma Engineering Programs in Computer Engineering, Mechanical Engineering, Civil Engineering and Electrical Engineering.

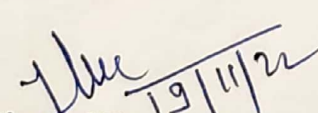
Theem College of Engineering is organizing an "**Induction Programme**" for first year students during 10.11.2022 to 16.11.2022.

I cordially invite you to deliver a lecture on "**Proficiency Module(Computer)**" on 14.11.2022.

**Timing: 2:00pm to 3:00pm**

The Principal, Management, Staff and Students of this Institute shall be obliged and grateful for your kind acceptance.

Thanking you,  
Yours faithfully,

  
(Dr. Riyazuddin Siddiqui)  
PRINCIPAL

PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (East), Tal. & Dist. Palghar-401 501.



  
(Dr. N. K. Rana)  
DIRECTOR

DIRECTOR  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar- 401 501.

Admn. Office : 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023.  
Tel.: 2204 6903 ● Telefax : 2283 9850



H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING, BOISAR**  
Approved By AICTE ( New Delhi) Government of Maharashtra & DTE  
Affiliated To University of Mumbai

Village Betegaon, Near Union Park, BoisarChilhar Road, Boisar (E), Tal.-Dist.-Palghar, 401501. Tel: - (02525) 284909 / 284926,  
•Telefax : (02525) 284 927 •Email ID : info@theemcoe.org•Website : www.theemcoe.org

TCE/EST/2022-23/123

Date: 19/11/22

To  
Mr. Khalil Pinjari  
Team Leader in cloud technology  
Maharashtra.

**Subject:** Thanksgiving letter for delivering a lecture on 'Proficiency Module(Computer)'

Dear Sir,

On the behalf of students and staff of Theem college of Engineering, we express my appreciation for your inspiring speech on 'Proficiency Module(Computer)' during the first year induction program. We are profoundly thankful for sharing your time, talent and knowledge with us. We hope to arrange for similar program in future.

Thanking you,  
Yours faithfully,

*[Signature]*  
(Dr. Riyazuddin.Siddiqui)  
PRINCIPAL

PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (East), Tal. & Dist. Palghar-401 501.



*[Signature]*  
(Dr. N. K. Rana)  
DIRECTOR

DIRECTOR  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar- 401 501.



H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING, BOISAR**

Approved By AICTE ( New Delhi) Government of Maharashtra & DTE

Affiliated To University of Mumbai

Village Betegaon, Near Union Park, BoisarChilhar Road, Boisar (E), Tal.-Dist.-Palghar, 401501. Tel: - (02525) 284909 / 284926,

•Telefax : (02525) 284 927 •Email ID : info@theemcoe.org •Website : www.theemcoe.org

TCE/EST/2022-23/124

Date:-19/11/2022

To

Dr. Sameer Joshi

Director-LNBC Institute of Engg & Tech(MBA)

Satara , Maharashtra.

**Subject:** Thanksgiving letter for delivering a lecture on '*Universal Human Values*' .

Dear Sir,

On the behalf of students and staff of Theem college of Engineering, we express my appreciation for your inspiring speech on '*Universal Human Values*' during the first year induction program. We are profoundly thankful for sharing your time, talent and knowledge with us. We hope to arrange for similar program in future.

Thanking you,  
Yours faithfully,

(Dr. Riyazuddin.Siddiqui)

PRINCIPAL

PRINCIPAL

THEEM COLLEGE OF ENGINEERING

Boisar (East), Tal. & Dist. Palghar-401 501.



(Dr. N. K. Rana)

DIRECTOR

DIRECTOR

THEEM COLLEGE OF ENGINEERING

Boisar (East) Tal. & Dist. Palghar- 401 501.





H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING, BOISAR**  
Approved By AICTE ( New Delhi) Government of Maharashtra & DTE  
Affiliated To University of Mumbai

Village Betegaon, Near Union Park, BoisarChilhar Road, Boisar (E), Tal.-Dist.-Palghar, 401501. Tel: - (02525) 284909 / 284926,  
•Telefax : (02525) 284 927 •Email ID : info@theemcoc.org •Website : www.theemcoc.org

TCE/EST/2022-23/125

Date: 19/11/2022

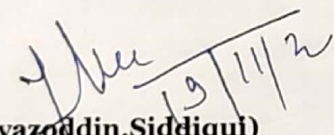
To  
Mr. Rehman Gujrati  
Managing Partner at Arc3D  
Maharashtra

**Subject:** Thanksgiving letter for delivering '*Motivational Speech*' .

Dear Sir,

On the behalf of students and staff of Theem college of Engineering, we express my appreciation for your inspiring '*Motivational Speech*' during the first year induction program. We are profoundly thankful for sharing your time, talent and knowledge with us. We hope to arrange for similar program in future.

Thanking you,  
Yours faithfully,

  
(Dr. Riyazuddin Siddiqui)  
PRINCIPAL

PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (East), Tal. & Dist. Palghar-401 501.



  
(Dr. N. K. Rana)  
DIRECTOR

DIRECTOR  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar-401 501.



H. J. THIM TRUST'S

**THEEM COLLEGE OF ENGINEERING, BOISAR**

Approved By AICTE ( New Delhi) Government of Maharashtra & DTE

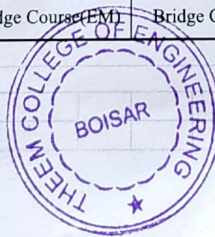
Affiliated To University of Mumbai

Village Betegaon, Near Union Park, BoisarChilhar Road, Boisar (E), Tal.-Dist.-Palghar, 401501, Tel:- (02525) 284909 / 284926.

•Telefax : (02525) 284 927 •Email ID : info@theemcoe.org•Website : www.theemcoe.org

**FE Induction Schedule 2022-23**

Date	Time/ Day	Venue	Session 1			Session 2	
			10.00am- 11.00am	11.00am -01.00pm	01.00pm-2.00pm	02.00pm-4.00pm	
10/11/2022	Thursday	Seminar Hall, Second floor (Building 1)	Introduction	Universal Human Values (Prof.Balasubramani)	Lunch Break	Proficiency module(English) (Prof.Sushmita Khan)	
<b>Date</b>	<b>Time/ Day</b>		<b>Session 1</b>			<b>Session 2</b>	
			10.00am- 12.00am	12.00am -01.00am	01.00pm-2.00pm	02.00pm-3.00pm	03.00pm-4.00pm
11/11/2022	Friday		Diagnostic tests(Maths, Computer, English)	Sports and Cultural Activity (Prof.Ayaz and Prof.Apeksha)	Lunch Break	Mentor Mentee (Prof. Arbiya Shaikh)	Bridge Course (BEE) (Prof.K.N.Attarde)
<b>Date</b>	<b>Time/ Day</b>		<b>Session 1</b>			<b>Session 2</b>	
			10.30am- 12.45am	12.45am -1.15pm	1.15pm-2.00pm		
12/11/2022	Saturday		Orientation	Familiarisation with Institute and Department	Refreshment		
<b>Date</b>	<b>Time/ Day</b>		<b>Session 1</b>			<b>Session 2</b>	
			10.00am- 11.00am	11.00am -01.00pm	01.00pm-2.00pm	2.00pm-3.00pm	
14/11/2022	Monday		Yoga (Prof.K.N.Attarde)	Mentoring lecture (Dr.N.K.Rana) (Director)	Lunch Break	Proficiency module (computer) (Prof.Khalil Pinjari)	
<b>Date</b>	<b>Time/ Day</b>		<b>Session 1</b>			<b>Session 2</b>	
			10.00am- 11.00am	11.00am -01.00pm	01.00pm-2.00pm	2.00pm-3.00pm	
15/11/2022	Tuesday		Mentoring lecture (Dr.Riyazoddin.S) (Principal)	Guest lecture(UHV) (Dr.Sameer Joshi)	Lunch Break	Alumni Interaction (Mr.Rehman Gujrati)	
<b>Date</b>	<b>Time/ Day</b>		<b>Session 1</b>			<b>Session 2</b>	
			10.00am- 11.00am	11.00am -12.00pm	12.00pm-1.00pm	01.00pm-2.00pm	02.00pm-3.00pm
16/11/2022	Wednesday		Bridge Course(EM-I)	Bridge Course(EM-I)	Bridge Course(BEE)	Lunch Break	NSS (Prof. Arbiya Shaikh)

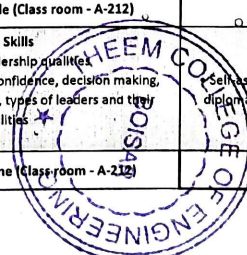


*E. Ghosh*

HOD  
Dr.Emily Ghosh

## Soft Skills Training Programme (AY:2022-23)

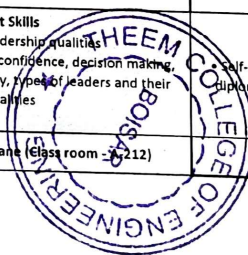
Date	Day	Timing	BATCH - 1 (BE Comp/IT)	BATCH - 2 (BE Mech/Elect/Civil/Auto)	BATCH - 3 (TE Comp/IT/AI/ML)	BATCH - 4 (TE Mech/Elect/Civil/Auto)
01-09-2022	Thursday	09:00 AM TO 01:00 PM	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Practice of pronunciation and listening skills</li> <li>Vocabulary building</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Practice of pronunciation and listening skills</li> <li>Vocabulary building</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Practice of pronunciation and listening skills</li> <li>Vocabulary building</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Practice of pronunciation and listening skills</li> <li>Vocabulary building</li> </ul>
			Prof. Balsubramani (Seminar Hall 1)	Prof. Priyanka Dhande (Class room - A-212)	Prof. Nilakshi Patil (Seminar Hall 2)	Prof. Krishna Sonawane (Class room - A-213)
		01:45 PM TO 05:15 PM	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Roleplay / situational conversation</li> <li>Public speaking</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Roleplay / situational conversation</li> <li>Public speaking</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Roleplay / situational conversation</li> <li>Public speaking</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Roleplay / situational conversation</li> <li>Public speaking</li> </ul>
			Prof. Nilakshi Patil (Seminar Hall 1)	Prof. Krishna Sonawane (Class room - A-212)	Prof. Balsubramani (Seminar Hall 2)	Prof. Priyanka Dhande (Class room - A-213)
02-09-2022	Friday	09:00 AM TO 01:00 PM	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Extempore: method and practice</li> <li>Group discussion: method and practice</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Extempore: method and practice</li> <li>Group discussion: method and practice</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Extempore: method and practice</li> <li>Group discussion: method and practice</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Extempore: method and practice</li> <li>Group discussion: method and practice</li> </ul>
			Prof. Balsubramani (Seminar Hall 1)	Prof. Priyanka Dhande (Class room - A-212)	Prof. Nilakshi Patil (Seminar Hall 2)	Prof. Krishna Sonawane (Class room - A-213)
		01:45 PM TO 05:15 PM	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Mock interview: types of interview, preparation and common questions</li> <li>Curriculum vitae/ resume writing</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Mock interview: types of interview, preparation and common questions</li> <li>Curriculum vitae/ resume writing</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Extempore: method and practice</li> <li>Group discussion: method and practice</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Mock interview: types of interview, preparation and common questions</li> <li>Curriculum vitae/ resume writing</li> </ul>
			Prof. Nilakshi Patil (Seminar Hall 1)	Prof. Krishna Sonawane (Class room - A-212)	Prof. Balsubramani (Seminar Hall 2)	Prof. Priyanka Dhande (Class room - A-213)
03-09-2022	Saturday	09:00 AM TO 01:00 PM	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Business etiquettes</li> <li>Grooming, workplace etiquettes &amp; social etiquettes</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Business etiquettes</li> <li>Grooming, workplace etiquettes &amp; social etiquettes</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Business etiquettes</li> <li>Grooming, workplace etiquettes &amp; social etiquettes</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Business etiquettes</li> <li>Grooming, workplace etiquettes &amp; social etiquettes</li> </ul>
			Prof. Balsubramani (Seminar Hall 1)	Prof. Priyanka Dhande (Class room - A-212)	Prof. Nilakshi Patil (Seminar Hall 2)	Prof. Krishna Sonawane (Class room - A-213)
		01:45 PM TO 05:15 PM	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>telephone mannerisms, meeting and dressing etiquettes</li> <li>hygiene maintenance, table manners, communication mannerisms and punctuality</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>telephone mannerisms, meeting and dressing etiquettes</li> <li>hygiene maintenance, table manners, communication mannerisms and punctuality</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>telephone mannerisms, meeting and dressing etiquettes</li> <li>hygiene maintenance, table manners, communication mannerisms and punctuality</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>telephone mannerisms, meeting and dressing etiquettes</li> <li>hygiene maintenance, table manners, communication mannerisms and punctuality</li> </ul>
			Prof. Nilakshi Patil (Seminar Hall 1)	Prof. Krishna Sonawane (Class room - A-212)	Prof. Balsubramani (Seminar Hall 2)	Prof. Priyanka Dhande (Class room - A-213)
04-09-2022	Sunday	09:00 AM TO 01:00 PM	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Teamwork</li> <li>Collaboration with team members, adaptability and flexibility</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Teamwork</li> <li>Collaboration with team members, adaptability and flexibility</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Teamwork</li> <li>Collaboration with team members, adaptability and flexibility</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Teamwork</li> <li>Collaboration with team members, adaptability and flexibility</li> </ul>
			Prof. Balsubramani (Seminar Hall 1)	Prof. Priyanka Dhande (Class room - A-212)	Prof. Nilakshi Patil (Seminar Hall 2)	Prof. Krishna Sonawane (Class room - A-213)
		01:45 PM TO 05:15 PM	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Building leadership qualities</li> <li>Self-assertiveness, self-confidence, decision making, diplomacy, accountability, types of leaders and their qualities</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Building leadership qualities</li> <li>Self-assertiveness, self-confidence, decision making, diplomacy, accountability, types of leaders and their qualities</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Building leadership qualities</li> <li>Self-assertiveness, self-confidence, decision making, diplomacy, accountability, types of leaders and their qualities</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Building leadership qualities</li> <li>Self-assertiveness, self-confidence, decision making, diplomacy, accountability, types of leaders and their qualities</li> </ul>
			Prof. Nilakshi Patil (Seminar Hall 1)	Prof. Krishna Sonawane (Class room - A-212)	Prof. Balsubramani (Seminar Hall 2)	Prof. Priyanka Dhande (Class room - A-213)



*Paul*  
(T.P.O.)

## Soft Skills Training Programme (AY:2022-23)

Date	Day	Timing	BATCH - 1 (BE Comp/IT)	BATCH - 2 (BE Mech/Elect/Civil/Auto)	BATCH - 3 (TE Comp/IT/AI/ML)	BATCH - 4 (TE Mech/Elect/Civil/Auto)
9/1/2022	Thursday	09:00 AM TO 01:00 PM	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Practice of pronunciation and listening skills</li> <li>Vocabulary building</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Practice of pronunciation and listening skills</li> <li>Vocabulary building</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Practice of pronunciation and listening skills</li> <li>Vocabulary building</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Practice of pronunciation and listening skills</li> <li>Vocabulary building</li> </ul>
		01:45 PM TO 05:15 PM	Prof. Balsubramani (Seminar Hall 1)	Prof. Priyanka Dhande (Class room - A-212)	Prof. Nilakshi Patil (Seminar Hall 2)	Prof. Krishna Sonawane (Class room - A-213)
9/2/2022	Friday	09:00 AM TO 01:00 PM	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Extempore: method and practice</li> <li>Group discussion: method and practice</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Extempore: method and practice</li> <li>Group discussion: method and practice</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Extempore: method and practice</li> <li>Group discussion: method and practice</li> </ul>	<b>Communication Skills</b> <ul style="list-style-type: none"> <li>Extempore: method and practice</li> <li>Group discussion: method and practice</li> </ul>
		01:45 PM TO 05:15 PM	Prof. Balsubramani (Seminar Hall 1)	Prof. Priyanka Dhande (Class room - A-212)	Prof. Nilakshi Patil (Seminar Hall 2)	Prof. Krishna Sonawane (Class room - A-213)
9/3/2022	Saturday	09:00 AM TO 01:00 PM	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Business etiquettes</li> <li>Grooming, workplace etiquettes &amp; social etiquettes</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Business etiquettes</li> <li>Grooming, workplace etiquettes &amp; social etiquettes</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Business etiquettes</li> <li>Grooming, workplace etiquettes &amp; social etiquettes</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Business etiquettes</li> <li>Grooming, workplace etiquettes &amp; social etiquettes</li> </ul>
		01:45 PM TO 05:15 PM	Prof. Balsubramani (Seminar Hall 1)	Prof. Priyanka Dhande (Class room - A-212)	Prof. Nilakshi Patil (Seminar Hall 2)	Prof. Krishna Sonawane (Class room - A-213)
9/4/2022	Sunday	09:00 AM TO 01:00 PM	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Teamwork</li> <li>Collaboration with team members, adaptability and flexibility</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Teamwork</li> <li>Collaboration with team members, adaptability and flexibility</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Teamwork</li> <li>Collaboration with team members, adaptability and flexibility</li> </ul>	<b>Soft Skills</b> <ul style="list-style-type: none"> <li>Teamwork</li> <li>Collaboration with team members, adaptability and flexibility</li> </ul>
		01:45 PM TO 05:15 PM	Prof. Balsubramani (Seminar Hall 1)	Prof. Priyanka Dhande (Class room - A-212)	Prof. Nilakshi Patil (Seminar Hall 2)	Prof. Krishna Sonawane (Class room - A-213)
			Prof. Nilakshi Patil (Seminar Hall 1)	Prof. Krishna Sonawane (Class room - A-212)	Prof. Balsubramani (Seminar Hall 2)	Prof. Priyanka Dhande (Class room - A-213)



*Patil*  
(T.P.O.)



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

**Department of Training & Placement**

**Invitation Letter**

Date: 24/08/2022

To,  
Prof. Nilakshi Patil,  
Consultant, D. I. Organization,  
Palghar, Mumbai

**Subject:** Invitation on "Soft Skills Training Programme"

Respected Ma'am,

Theem college of Engineering is a premier engineering institute at Boisar, Palghar district in Maharashtra, India-401501. It is one of the institute run by H.J. THIM trust where engineering courses are offered in many disciplines such as Automobile Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering, Computer Sciences, and Information Technology. The institute also offers diploma in engineering courses.

Training & Placement engineering department is planning to organize a 4 days (30 hours) training session on "Soft Skills Training Programme" from 01/09/2022 to 04/09/2022 in its college campus.

For this programme, we want you to be the lecturer so that we may be benefitted with your skills, knowledge and a great deal of experience.

Therefore, we request you to accept our invitation for the programme. We shall be thankful to you for your consideration.

Yours sincerely



  
Principal



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

**Department of Training & Placement**

**Invitation Letter**

Date: 24/08/2022

To,  
Prof. Balasubramani  
Theem COE, Boisar  
Mumbai

**Subject:** Invitation on "Soft Skills Training Programme"

Respected Sir,

Theem college of Engineering is a premier engineering institute at Boisar, Palghar district in Maharashtra, India-401501. It is one of the institute run by H.J. THIM trust where engineering courses are offered in many disciplines such as Automobile Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering, Computer Sciences, and Information Technology. The institute also offers diploma in engineering courses.

Training & Placement department is planning to organize a 4 days (30 hours) training session on "Soft Skills Training Programme" from 01/09/2022 to 04/09/2022 in its college campus.

For this programme, we want you to be the lecturer so that we may be benefitted with your skills, knowledge and a great deal of experience.

Therefore, we request you to accept our invitation for the programme. We shall be thankful to you for your consideration.

Yours sincerely



*[Signature]*  
Principal



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

**Department of Training & Placement**

**Invitation Letter**

Date: 24/08/2022

To,  
Prof. Krishna Sonawane  
Theem COE, Boisar  
Mumbai

**Subject:** Invitation on "Soft Skills Training Programme"

Respected Sir,

Theem college of Engineering is a premier engineering institute at Boisar, Palghar district in Maharashtra, India-401501. It is one of the institute run by H.J. THIM trust where engineering courses are offered in many disciplines such as Automobile Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering, Computer Sciences, and Information Technology. The institute also offers diploma in engineering courses.

Training & Placement department is planning to organize a 4 days (30 hours) training session on "Soft Skills Training Programme" from 01/09/2022 to 04/09/2022 in its college campus.

For this programme, we want you to be the lecturer so that we may be benefitted with your skills, knowledge and a great deal of experience.

Therefore, we request you to accept our invitation for the programme. We shall be thankful to you for your consideration.

Yours sincerely



*[Signature]*  
Principal



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

**Department of Training & Placement**

**Invitation Letter**

Date: 24/08/2022

To,  
Prof. Priyanka Dhande,  
Theem COE, Boisar  
Mumbai

**Subject:** Invitation on "Soft Skills Training Programme"

Respected Ma'am,

Theem college of Engineering is a premier engineering institute at Boisar, Palghar district in Maharashtra, India-401501. It is one of the institute run by H.J. THIM trust where engineering courses are offered in many disciplines such as Automobile Engineering, Electrical Engineering, Mechanical Engineering, Civil Engineering, Computer Sciences, and Information Technology. The institute also offers diploma in engineering courses.

Training & Placement department is planning to organize a 4 days (30 hours) training session on "Soft Skills Training Programme" from 01/09/2022 to 04/09/2022 in its college campus.

For this programme, we want you to be the lecturer so that we may be benefitted with your skills, knowledge and a great deal of experience.

Therefore, we request you to accept our invitation for the programme. We shall be thankful to you for your consideration.

Yours sincerely



  
Principal





H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

Department of Training & Placement

Thanks giving

Date: 04/09/2022

To,  
Prof. Priyanka Dhande,  
Theem COE, Boisar,  
Mumbai, Maharashtra

**Subject:** Thanks giving to Prof. Priyanka Dhande.

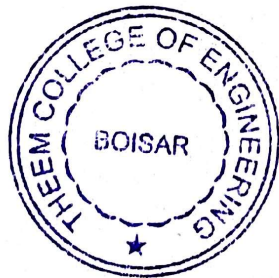
Respected Ma'am,

We, the Theem fraternity are very thankful to you for managing your precious time, well organized and full of knowledge session on a topic "**Soft Skills Training Programme**" from 01/09/2022 to 04/09/2022. Truly, it was a wonderful session which created the awareness and curiosity about problem identification and solution strategy.

We hope you to continue your coordination and cooperation with us in future so that we may be benefitted again and again.

With best regards!

Yours faithfully



*[Signature]*  
Principal



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

**Department of Training & Placement**

**Thanks giving**

Date: 04/09/2022

To,  
Prof. Nilakshi Patil,  
Consultant, D. I. Organization, Palghar,  
Mumbai, Maharashtra

**Subject:** Thanks giving to Prof. Nilakshi Patil.

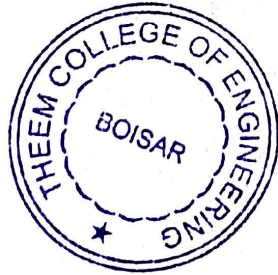
Respected Ma'am,

We, the Theem fraternity are very thankful to you for managing your precious time, well organized and full of knowledge session on a topic "**Soft Skills Training Programme**" from 01/09/2022 to 04/09/2022. Truly, it was a wonderful session which created the awareness and curiosity about problem identification and solution strategy.

We hope you to continue your coordination and cooperation with us in future so that we may be benefitted again and again.

With best regards!

Yours faithfully



  
Principal



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

**Department of Training & Placement**

**Thanks giving**

Date: 04/09/2022

To,  
Prof. Krishna Sonawane,  
Theem COE, Boisar,  
Mumbai, Maharashtra

**Subject:** Thanks giving to Prof. Krishna Sonawane.

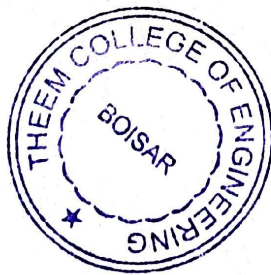
Respected Sir,

We, the Theem fraternity are very thankful to you for managing your precious time, well organized and full of knowledge session on a topic "**Soft Skills Training Programme**" from 01/09/2022 to 04/09/2022. Truly, it was a wonderful session which created the awareness and curiosity about problem identification and solution strategy.

We hope you to continue your coordination and cooperation with us in future so that we may be benefitted again and again.

With best regards!

Yours faithfully



  
Principal



H. J. Thim Trust's

**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

**Department of Training & Placement**

**Thanks giving**

Date: 04/09/2022

To,  
Prof. Balasubramani,  
Theem COE, Boisar  
Mumbai, Maharashtra

**Subject:** Thanks giving to Prof. Balasubramani.

Respected Sir,

We, the Theem fraternity are very thankful to you for managing your precious time, well organized and full of knowledge session on a topic "**Soft Skills Training Programme**" from 01/09/2022 to 04/09/2022. Truly, it was a wonderful session which created the awareness and curiosity about problem identification and solution strategy.

We hope you to continue your coordination and cooperation with us in future so that we may be benefitted again and again.

With best regards!

Yours faithfully



*[Signature]*  
Principal



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

Department of Training & Placement

**Report of Event**

Date: 05/09/2022

**Topic: "Soft Skills Training Programme"**

**Day and Time:** 01/09/2022 to 04/09/2022 and 09:00 AM to 5:15 PM

**Name of the Expert:**

- 1) Prof. Nilakshi Patil, Consultant, D. I. Organization, Palghar
- 2) Prof. Balasubramani, Theem COE, Boisar
- 3) Prof. Priyanka Dhande, Theem COE, Boisar
- 4) Prof. Krishna Sonawane, Theem COE, Boisar

It is our privilege to report that Theem College of Engineering, Boisar has organized a four days (30 hours) "Soft Skills Training Programme" for BE & TE Engineering students of all branch. **Prof. Balasubramani, Prof. Nilakshi Patil, Prof. Priyanka Dhande and Prof. Krishna Sonawane**, the speakers of the program have delivered this program in a very innovative way and explained the various important topics regarding Communication & Soft skill, Stress and time management. The session was very helpful for the students of engineering domains. All attendees (**604 students**) have been enlightened by the speaker with reference to some examples.

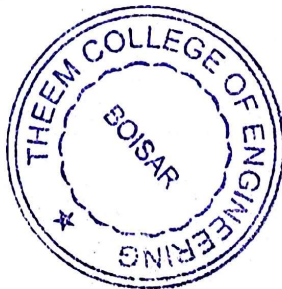
**Vote of thanks:** Prof. Raees Ahmad, T & P Head, thanked the Chief Guests for accepting the invitation for expert lecture and for addressing the gathering.


**Objectives:**

1. To motivate students towards how the organization interacts with their public.
2. To understand and develop interdisciplinary skills.

**Outcomes (Students should be able to)**

1. Cover communication, teamwork, critical thinking, adaptability, time management, leadership, emotional intelligence, conflict resolution.
2. Communicate fluently and sustain comprehension of an extended discourse.

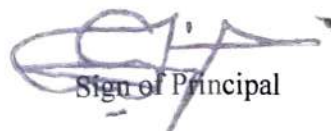


  
**Prof. Raees Ahmad**  
(T.P.O)

## Schedule Soft-Skill Training Program

Day/ Time	10 AM to 12 Noon	12 Noon to 2 PM	2 PM to 4 PM	
08/06/2022	Algebra	Lunch Break	Profit & Loss	
09/06/2022	Average & Allegation / Mixture		Time and Work	
10/06/2022	Geometry Mensuration		Numbers	
11/06/2022	Percentage		Permutation and Combination	
13/06/2022	Probability		Ratios & Proportion	
14/06/2022	Time and Distance		Analytical Puzzles	
15/06/2022	Blood relationship		Data Interpretation	
16/06/2022	Logical Deduction		Logical Sequence of Words	
17/06/2022	Statement and Arguments Statement and Assumptions		Statement and Conclusions Syllogism	
18/06/2022	Reading Comprehension Para Jumbles Cloze Test		Tenses/ Voice/ Speech Prepositions/ SVA/ Articles Vocab /Verbal Analogy	
20/06/2022	Resume Building		Mock Interview	
21/06/2022	Mock Interview		Mock Interview	
22/06/2022	Mock Interview		Mock Interview	
24/06/2022	Group discussion		Group discussion	
25/06/2022	Group discussion		Group discussion	
26/06/2022				
28/06/2022	Company Specific Training / Doubt Clearing Session / Mock / Mock Discussion			Company Specific Training / Doubt Clearing Session / Mock / Mock Discussion
29/06/2022				
30/06/2022				

  
Sign of TPO

  
Sign of Principal



  
Sign of Director

# Comprehensive Skill Development Training

**Proposed Training Programs:**

**Campus Recruitment Training**



Campus  
Credential

# About us

---

We at **Campus Credential (CC)** affirm that every student is capable of realizing his/her dreams. We coach, mentor, teach and hand-hold graduating students to ace the complete Campus Recruitment Process right from Aptitude training to mastering GDPI.

We have been the consistent choice of Around 90% Engineering colleges in and around Mumbai.

**Our Philosophy** : Each student is as important as all. No one gets left behind on his/her dreams and career.

Every session is designed with utmost care in terms of content and delivery. We believe that great learning happens when students are free to interact and challenge the concepts taught.

We specialize in customizing and update our content / mock tests as per the current industry trends and requirements.



## Course Objective/Outcome Expectation

---

- ✓ Skill enhancement: Ensuring students receive the best skill-sets to have a better transition from campus to corporate.
- ✓ Employability skills: To increase their employability value to ensure success in their future endeavours.
- ✓ Skilled Professionals: To help students not just pass out as graduate but skilled professionals

# Program Curriculum

Topic	Subtopic	Hours
<b>Quantitative Aptitude</b>	Algebra	<b>20 hrs.</b>
	Profit & Loss	
	Average & Allegation / Mixture	
	Time and Work	
	Geometry Mensuration	
	Numbers	
	Percentage	
	Permutation and Combination	
	Probability	
	Ratios & Proportion	
	Time and Distance	
<b>Reasoning</b>	Analytical	<b>6 hrs.</b>
	Puzzles	
	Blood relationship	
	Data Interpretation	
	Data sufficiency	
	Logical Deductions	
	Logical Sequence of Words	
	Logical Venn Diagrams	
	Statement and Arguments	
	Statement and Assumptions	
	Statement and Conclusions	
	Syllogism	

# Program Curriculum

<b>Topic</b>	<b>Subtopic</b>	<b>Hours</b>
<b>English</b>	Reading Comprehension	<b>6 hrs.</b>
	Para Jumbles	
	Cloze Test	
	Tenses/ Voice/ Speech	
	Prepositions/ SVA/ Articles	
	Vocab /Verbal Analogy	
	Sentence completion	
	Sentence Correction	
<b>Company Specific Training / Doubt Clearing Session / Mock / Mock Discussion</b>	TCS, L&T, COGNIZANT, INFY, Amazon, INFY etc. Personal Interview, Group discussion, Resume Essay writing	<b>18 hrs.</b>
<b>TOTAL</b>		<b>50 Hours per batch</b>

# Mock Test / Section Test / Company Specific Test

---

Mocks cover questions that are commonly asked in top-rated companies. The paper also includes latest trend changes and expected new question formats based on industry inputs. So you can rest assured that your students will be abreast with the ever changing recruitment scenario.

## Mock Test Details

**641** CRT Company Specific Test Section Test (English/Reasoning /Quant)

# **TECHNICAL TRAINING .**

---

## **(Adv.JAVA + PYTHON + OOPS+ Adv. DBMS + Adv. DATA STRUCTURE)**

### - Course Objective/ Outcome Expectation

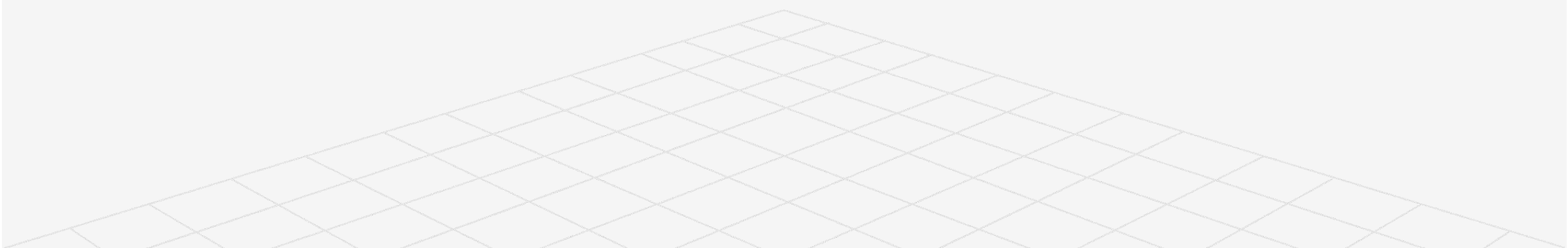
- ✓ To write optimized code.
- ✓ Solve Programming Questions with Time complexity.
- ✓ Develop Logic building in Programming
- ✓ To increase problem solving skills in programming.
- ✓ How To Approach a Coding Problem and also Develop different Approach to solve Programming
- ✓ Company-wise Coding Questions
- ✓ Approach to crack coding challenges.
- ✓ How to begin with Competitive Programming
- ✓ Practice for cracking any coding interview

# How many hours you will require ?

---

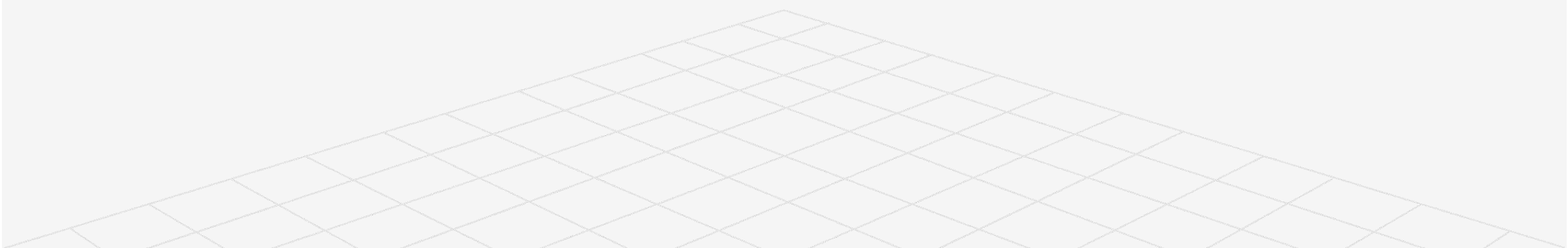
By considering super dream companies and top product base companies.

We will required 50hrs to 60 hrs(For IT)

1. OOPs 10 to 15 Hrs
  2. Data Structures and Algo 20 Hrs (Advance as per IT)
  3. Dynamic Programming 10 hrs (Advance as per IT)
  4. DBMS 10 Hrs (Advance SQL)
- 

---

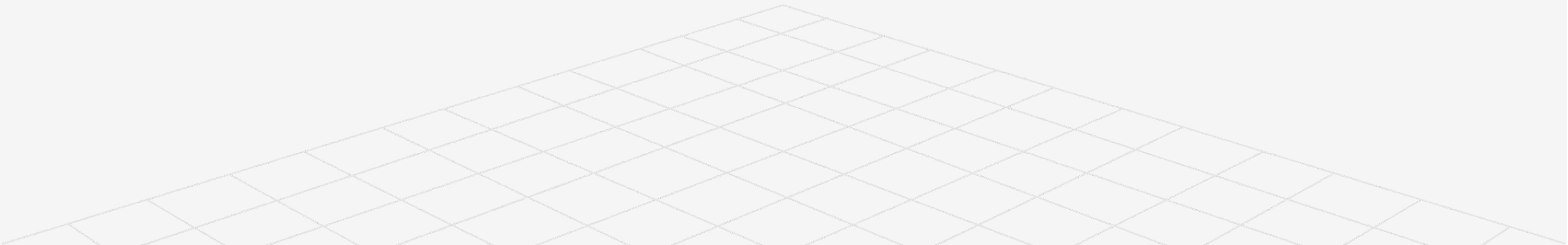
We will required 50hrs to 60 hrs(For Non IT)

1. Programming Fundamental 10 to 15 Hrs
  2. OOPs 10 to 15 Hrs
  3. Data Structures and Algo 20 Hrs (Basic as per NON IT)
  4. DBMS 10 Hrs (Basic SQL)
- 

# What Value Added services that your agency will provide ?

---

1. One to one mentorship
2. Coding platform access more than 5000 coding questions.
3. For premium students batch advance coding practice 365 days daily coding challenge
4. All trainers are full-stack developer from industry.





# Program Content (Programming Fundamental-Module)

Topic	Sub-Topic	Topic	Sub-Topic
<b>Variables</b>	Local variables, Global variables, 'global' keyword, Rules of Identities	<b>Try with multiple except blocks</b>	Handling exceptions using Exception class, Finally, block, Releasing resources using Finally block, Raise, Creating a user exception class., Raise exception manually, Exceptions based application
<b>Functions</b>	Introduction, Prototype, Classification of functions, No arguments and No return values, With arguments and With return values	<b>Multithreading</b>	Introduction, Multitasking, Multi-tasking v/s Multithreading, threading module, Thread class introduction, Creating thread, The life cycle of a thread, Single-threaded application, Multi-threaded application, Sleep() method. Sleep() v/s run(), Join() v/s Sleep(), Multiple custom threads creation, The execution time of single-threaded application, The execution time of multi-threaded application, Synchronization of threads.
<b>No arguments and With return values</b>	With arguments and No return values, Recursion, Argument type functions, Default arguments functions, Required arguments functions, Keyword arguments functions, Variable arguments function	<b>Inner classes</b>	Basic syntax of inner class, Advantages of Inner classes, Access class level members of inner classes, Access object level members of inner classes, Local inner classes, Complex inner classes, Accessing data of inner classes.
<b>Operators</b>	Arithmetic Operators, Relational operators, Logical operators, Bitwise operators, Shift operators	<b>Regular expressions</b>	're' module, Match(), Search(), find() etc, and actual projects web scrapping
<b>Control Statements</b>	Conditional Control Statements, if, if-else, if-elif-else, nested-if, Loop Control Statements, While, For	<b>Expressions using operators and symbols</b>	Split string into characters, Split string into words, Lambda expressions
<b>Branching Statements</b>	Break, Continue, pass, return, exit	<b>String handling using regex</b>	Introduction to Strings, Indexing and Slicing, Special operators in String handling, Old style String formatting, String library methods, Quotes and Escape characters in a String representation, String Immutability, Logical programs using Strings

# Program Content (OOBs-Module)

Topic	Sub-Topic	Topic	Sub-Topic
<b>Object-Oriented Programming</b>	Introduction to OOBs, Classes, Objects, Structure to OOB application, Contexts of OOB application, Class level members, Object level members, self variable, Constructor and Initialization of object	<b>List</b>	Create a list, Adding elements, Deleting elements, Pre-defined functionality of List, Nested List, Immutability and Mutability of List
<b>Access modifiers</b>	Private, Protected, Public, Program codes.	<b>Set</b>	The functionality of Set object, Frozen set, Dictionaries, Create a dictionary, Adding elements
<b>Encapsulation</b>	Rules, Implementation, Abstraction, Polymorphism	<b>Dict</b>	Pre-defined functions of Dict class, Programs using Collection types,
<b>Inheritance</b>	Introduction, Types of Inheritance, Single inheritance, Multi-Level inheritance, Method overriding, Object initialization using constructor, Multiple inheritances, Hierarchical inheritance, Method overriding in Multi-level inheritance	<b>Garbage collection</b>	Introduction, Importance of manual GC, Self-referenced objects, 'gc' module, Collect() method, Threshold function
<b>Modules</b>	Introduction, Importance of Modularity programming, Import keyword, User defined modules creation, Function based modules, Classes based modules, Connecting modules, 'from' keyword.	<b>Exception Handling</b>	Introduction, The need of exception handling, Getting exceptions, Default exception handler, Handling exception, Try, Except
<b>Collections Framework</b>	Introduction to collection of data types, Importance of Data processing, DS algorithms introduction		

# Program Content (DSA-Module)

Topic	Sub-Topic	Topic	Sub-Topic
<b>Linked Lists</b>	The Deque ADT, Linked Lists, Implementing a Queue with a LinkedList, Storing the length, Testing Against the ADT, The Main Lessons, Design Patterns: The Wrapper Pattern	<b>Advanced Algorithms</b>	Strand Sort, pancake Sort , Binary Insertion Sort, Bogo Sort, Gnome, Stooge, Tree, Odd/Even, B Tree, B + Tree, Graph data structure,adjacency matrix,adjacency list,DFS,BFS
<b>Stacks and Queues</b>	Abstract Data Types, The Stack ADT, The Queue ADT, Dealing with errors	<b>Advanced Algorithms</b>	Red Black Tree, Detect cycle in undirected and directed graph, bipartite graph, Strongly connected components,kosaraju's algo, Spanning Tree, Minimal ST, Prims algo
<b>Binary Search</b>	Ordered List ADT, The Ordered Mapping ADT, Binary Search Tree Properties and Definitions, Balanced Binary Search Trees, Weight Balanced Trees, Height-Balanced Trees (AVL Trees)	<b>Advanced Algorithms</b>	Strand Sort, pancake Sort , Binary Insertion Sort, Bogo Sort, Gnome, Stooge, Tree, Odd/Even, B Tree, B + Tree, Graph data structure,adjacency matrix,adjacency list,DFS,BFS
<b>Sorting</b>	Comparison-Based Sorting, Merge-Sort, Quicksort, Heap-sort, A Lower-Bound for Comparison-Based Sorting, Counting Sort and Radix Sort, Counting Sort, Radix-Sort	<b>Graphs</b>	Implementation, Graph Search, Depth-First Search, Breadth-First Search
<b>Heap</b>	Divide and Conquer, String Algorithms, Recursion, Backtracking		

# Program Content (DBMS-Module)

Topic	Sub-Topic	Topic	Sub-Topic
<b>DBMS Using Python</b>	Introduction to Mysql, Mysql – Python connectivity, Execute DDL commands, Execute DRL commands, Execute DML commands, Transaction management examples (rollback and commit), GUI – Database connectivity.	<b>Distributed Database</b>	DDBMS architectures, Homogeneous and Heterogeneous databases, Distributed data storage, Advantages of Data Distribution, Data Replication, Data Fragmentation, distribution transparency
<b>Concurrency Control Serializability</b>	Enforcing, Serializability by Locks, Locking Systems With Several, Lock Modes, Architecture for a Locking Scheduler Managing Hierarchies of Database Elements, Concurrency Control by Timestamps, Concurrency Control by Validation	<b>Object Relational and Extended Relational Databases</b>	RDBMS, extension techniques in RDBMS, ODMG-93 standards, Storage and access methods, Implementation issues for extended type, OODBMS & ORDBMS
<b>Transaction processing</b>	advantages and disadvantages of transaction processing system, online transaction processing system, distributed locking, long duration transaction, high-performance transaction system	<b>Advance DBMS</b>	RDBMS and SQL Normalization Query Optimization

# Program Content (Miscellaneous)

---

Topic	Sub-Topic	Topic	Sub-Topic
<b>Files Handling</b>	Reading file char by character, Reading file line by line, Modes of files, Writing into file, Append data to a file, Reading CSV file, Pickling and Un pickling	<b>Mail extraction</b>	Date extraction, Mobile number extraction, Vehicle number extraction, zoom chat analysis realtime.
<b>Online Coding Platform</b>	<ol style="list-style-type: none"><li>1. Infytq,</li><li>2. Hacker rank,</li><li>3. Hacker earth,</li><li>4. Coding competition with google</li></ol>	<b>Company Specific Problem Solution</b>	Covering All Mass recruiter Companies (Capgemini , LnT , Cognizant, Accenture, Infy, TCS etc..)
<b>For more Practice Online Coding Platform</b>	<b>Campus credential Online Coding Platform</b>	<b>Covering Product based</b>	<b>Company</b> (Adobe, Amazon, Microsoft, Oracle, PayPal, Google, SAP, IBM, Cisco)

# FINANCIALS

<b>Sr. No.</b>	<b>Module</b>	<b>Duration</b>	<b>TOTAL COSTING</b>
1	Aptitude-Life skills	50 hrs.	₹ 2000*
2	Technical Training-	50 hrs.	₹ 2500*



Campus  
Credential

## Client list:

<b>Client List</b>	<b>Years Associated</b>	<b>Client List</b>	<b>Years Associated</b>
ICT(UDICT) matunga	6 years	RGIT	8 years
Mukesh patel college of engineering (NMIMS)	6 years	Thakur Institute of Management Studies Career	9 Years
PICT-Pune Institute of Computer Technology	2021	Saboo siddik college of engineering	5 years
St francis engineering college	8 years	Dy Patil college of engineering - Pune	3 years
Pimpri Chinchwad College of Engineering (PCCOE)	6 Years	Ac patil college of engineering	1 years(2016)
Dwarkadas Jivanlal Sanghvi College of Engineering	2021	Saraswati college of engineering	2 years
VIT-WADALA Mumbai	3 years	Data Meghe college of engineering	4 years
Fr agnel - Vashi	6 years	Terna college of engineering	4 years
K. J. Somaiya Institute of Engineering and Information Technology	5 years	L.T college of engineering	3 years
Shah and Anchor	1 years	JSPM-PUNE	2021
RAIT - DYPATIL MUMBAI	4 Years	Pilla college of engineering	6 Years
IIT Bombay(Hostel 6&7)	6 years	Ruia-Ramnarain ruia college	4 Years
Thakur College of engineering	8 years	Mithibai college	3 years
Vasantdada Patil	5 years	Podar college	1year(2014)
Sanjay ghodawat college of engineering	2 Year	Armite	2 year

# Contact us

---

**1 Complete assistance:** 8369363552/9930202329

[vinay@campuscredential.co.in](mailto:vinay@campuscredential.co.in)

**2 Technical assistance:**

Jayesh Solanki - 9892913814

[jayesh@campuscredential.co.in](mailto:jayesh@campuscredential.co.in)

Ashish Ratnani - 7021625133

[ashish@campuscredential.co.in](mailto:ashish@campuscredential.co.in)

**3 Technical Content :**

Chirag Raul - 8169609109

[chirag@campuscredential.co.in](mailto:chirag@campuscredential.co.in)

**Campus Credential LLP**

**11, Suyojit CHSL,**

**Gokhle Road,**

**Thane West**

**Maharashtra – 400602**

**Subject to Thane**

**Jurisdiction : GST No.**

**27AANFC0139P1Z2**



# CONTACT



VINAY RAIKAR

Phone: 8369363552

E-Mail:

[vinay@campuscredential.co.in](mailto:vinay@campuscredential.co.in)



Campus  
Credential



# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Date/Day	Session-1 2:00-3:50	3:50- 4:00	Session-2 4:00-6:00
05 <sup>th</sup> July 2021 Monday	Inaugural Address Dr. Suresh Shan Introduction to Data Science and Statistical Methods, Regression Models-Part-1 Prof. P Radha Krishna	Break	Introduction to Data Science and Statistical Methods, Regression Models-Part-2 Prof. P Radha Krishna
06 <sup>th</sup> July 2021 Tuesday	Introduction to Machine Learning, Supervised, Unsupervised Learning Techniques and Decision trees –Part-1 Prof. RBV Subramanyam	Break	Introduction to Machine Learning, Supervised, Unsupervised Learning Techniques and Decision trees –Part-2 Prof. RBV Subramanyam
07 <sup>th</sup> July 2021 Wednesday	R-programming-Part-1 Dr. T Rama Krishnudu	Break	R-programming-Part-2 Dr. T Rama Krishnudu
08 <sup>th</sup> July 2021 Thursday	Feature Representation, Ensemble Methods, Real Time Applications Part-1 Dr M. Srinivas	Break	Feature Representation, Ensemble Methods, Real Time Applications-Part-2 Dr M. Srinivas
09 <sup>th</sup> July 2021 Friday	Computer Vision Applications Dr. Ijjina Earnest Paul, NIT Warangal	Break	Application of AI-ML in API's Development Mr. Ali Mustafa Feedback and Valedictory Session

Dr. Najmuddin Aamer  
Coordinator & HOD

Dr. Aqueel A. Shah  
Principal, TCOE





# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ SDP-1

Date : 25<sup>th</sup> June 2021

To,

The President,

The Institution of Electronics and Telecommunication Engineers (IETE)

Mumbai

**Sub: Invitation for addressing the participants of SDP conducted by our college-**

**Regarding**

With reference to the above, we are pleased to inform you that our college is conducting one week **Student** Development Program (SDP) on “**Recent Trends in Artificial Intelligence and Machine Learning & its Applications**” on 05<sup>th</sup> July to 09<sup>th</sup> July 2021 in association with IQAC, Computer Society of India (CSI) and The Institution of Electronics and Telecommunication Engineers (IETE) Student Chapters.

The resource persons are selected to keep a balance between the *academics and the industry*.

As this SDP is arranged at a very short notice, we would be grateful to you be on-board of the inaugural session and address the participants of this event through the Zoom meeting app, on 05<sup>th</sup> July at 02:00 PM.

This SDP shall be more beneficial for the students' fraternity for **Career Advancement Scheme (CAS)** etc. expecting a good number of Engineering faculty members and the final year students can also participate in this event.

Kindly consider this invitation and grace the inaugural session for **30 min or so.**

The draft leaflet of the event is attached for your kind consideration.

Thanks and Regards,

**Director**  
**Dr.N.K. Rana**



**Principal**  
**Dr. Aqueel A. Shah**



# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ **SDP**-01

Date : 29<sup>th</sup> June 2021

To,

**Prof. P Radha Krishna,**

**NIT Warangal**

Dear Sir,

**Sub: Invitation for being a resource person for the FDP on “Recent Trends in Artificial Intelligence and Machine Learning & its Applications” Regarding/-**

With reference to the above, we are pleased to inform you that our college is conducting one week **Student** Development Program (SDP) on “**Recent Trends in Artificial Intelligence and Machine Learning & its Applications**” on 05<sup>th</sup> July to 09<sup>th</sup> July 2021 in association with IQAC, Computer Society of India (CSI) and The Institution of Electronics and Telecommunication Engineers (IETE) Mumbai Chapters.

The participants are the teaching faculty members from the Departments of CSE/IT/ ETRX/Electrical Depts. From various Engineering Colleges.

Your name has been proposed by the coordinator to handle the sessions on the topic “**Introduction to Data Science and Statistical Methods, Regression Models**” on Day-1 of SDP (05<sup>th</sup> July-Monday) at 2:30PM-6:00 PM, through Zoom meeting App.

On behalf of Theem College of Engg., We cordially invite you to deliver the talk. Your expertise will add an important dimension to the SDP

**Looking forward to your kind acceptance.**

**Dr. N.K. Rana**

**Director**

**Dr. Aqueel A Shah**

**Principal**





# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ SDP-1

Date : 29<sup>th</sup> June 2021

To,  
The President,  
Computer Society of India(CSI)  
Mumbai Chapter

**Sub: Invitation for addressing the participants of SDP conducted by our college-  
Regarding**

With reference to the above, we are pleased to inform you that our college is conducting one week **Student** Development Program (SDP) on **“Recent Trends in Artificial Intelligence and Machine Learning & its Applications”** on 05<sup>th</sup> July to 09<sup>th</sup> July 2021 in association with IQAC, Computer Society of India (CSI) and The Institution of Electronics and Telecommunication Engineers(IETE) Student Chapters.

The resource persons are selected to keep a balance between the *academics and the industry*.

As this SDP is arrange at a very short notice, we would be grateful to you be on-board of the inaugural session and address the participants of this event through the Zoom meeting app, on **05<sup>th</sup> July at 02:00 PM.**

This SDP shall be more beneficial for the students fraternity for **Career Advancement Scheme (CAS)** etc. expecting a good number of Engineering faculty members and the final year students can also participating in this event.

Kindly consider this invitation and grace the inaugural session for **30 min or so.**

The draft leaflet of the event is attached for your kind consideration.

Thanks and Regards,

**Director**  
**Dr.N.K. Rana**



**Principal**  
**Dr. Aqueel A. Shah**



# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ SDP-01

Date : 29<sup>th</sup> June 2021

To,

Prof. RBV Subramanyam,

NIT Warangal

Dear Sir,

**Sub: Invitation for being a resource person for the SDP on “Recent Trends in Artificial Intelligence and Machine Learning & its Applications” Regarding/-**

With reference to the above, we are pleased to inform you that our college is conducting one week **Student** Development Program (SDP) on “Recent Trends in Artificial Intelligence and Machine Learning & its Applications” on 05<sup>th</sup> July to 09<sup>th</sup> July 2021 in association with IQAC, Computer Society of India (CSI) and The Institution of Electronics and Telecommunication Engineers (IETE) Mumbai Chapters.

The participants are the teaching faculty members from the Departments of CSE/IT/ ETRX/Electrical Depts. From various Engineering Colleges.

Your name has been proposed by the coordinator to handle the sessions on the topic “Introduction to Machine Learning, Supervised, Unsupervised Learning Techniques and Decision trees” on Day-2 of SDP (06<sup>th</sup> July-Tuesday) at 2:00PM-6:00 PM, through Zoom meeting App.

On behalf of Theem College of Engg., I cordially invite you to deliver the talk. Your expertise will add an important dimension to the SDP.

Looking forward to your kind acceptance.

**Dr. N.K. Rana**

**Director**

**Dr. Aqueel A Shah**

**Principal**





# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ SDP-01

Date : 29<sup>th</sup> June 2021

To,

**Dr. T Rama Krishnu,**  
**NIT Warangal**

Dear Sir,

**Sub: Invitation for being a resource person for the SDP on “Recent Trends in Artificial Intelligence and Machine Learning & its Applications” Regarding/-**

With reference to the above, we are pleased to inform you that our college is conducting one week **Student** Development Program (SDP) on “Recent Trends in Artificial Intelligence and Machine Learning & its Applications” on 05<sup>th</sup> July to 09<sup>th</sup> July 2021 in association with IQAC, Computer Society of India (CSI) and The Institution of Electronics and Telecommunication Engineers (IETE) Mumbai Chapters.

The participants are the teaching faculty members from the Departments of CSE/IT/ ETRX/Electrical Depts. From various Engineering Colleges.

Your name has been proposed by the coordinator to handle the sessions on the topic “R- programming” on Day-3 of SDP (07<sup>th</sup> July-Wednesday) at 2:00PM-6:00 PM, through Zoom meeting App.

On behalf of Theem College of Engg., We cordially invite you to deliver the talk. Your expertise will add an important dimension to the SDP.

Looking forward to your kind acceptance.

**Dr. N.K. Rana**  
**Director**

**Dr. Aqueel A Shah**  
**Principal**





# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.  
Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ SDP-01

Date : 05<sup>th</sup> July 2021

To,

Dr. Ijjina Earnest Paul,  
NIT Warangal

Dear Sir,

**Sub: Invitation for being a resource person for the SDP on “Recent Trends in Artificial Intelligence and Machine Learning & its Applications” Regarding/-**

With reference to the above, we are pleased to inform you that our college is conducting one week **Student** Development Program (SDP) on “Recent Trends in Artificial Intelligence and Machine Learning & its Applications” on 05<sup>th</sup> July to 09<sup>th</sup> July 2021 in association with IQAC, Computer Society of India (CSI) and The Institution of Electronics and Telecommunication Engineers (IETE) Mumbai Chapters.

The participants are the teaching faculty members from the Departments of CSE/IT/ ETRX/Electrical Depts. from various Engineering Colleges.

Your name has been proposed by the coordinator to handle the sessions on the topic “Feature Representation, Ensemble Methods, Real Time Applications” on “Computer vision applications” on Day-5 of SDP (09<sup>th</sup> July-Friday) at 2:00PM-5:00 PM, through Zoom meeting App.

On behalf of Theem College of Engg., We cordially invite you to deliver the talk. Your expertise will add an important dimension to the SDP.

Looking forward to your kind acceptance.

**Dr. N.K. Rana**  
Director

**Dr. Aqueel A Shah**  
Principal







H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING**

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.  
Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ **SDP-01**

Date : 29<sup>th</sup> June 2021

To,  
**Dr M. Srinivas,**  
**NIT Warangal**

Dear Sir,

**Sub: Invitation for being a resource person for the SDP on “Recent Trends in Artificial Intelligence and Machine Learning & its Applications” Regarding/-**

With reference to the above, we are pleased to inform you that our college is conducting one week **Student** Development Program (**SDP**) on “**Recent Trends in Artificial Intelligence and Machine Learning & its Applications**” on 05<sup>th</sup> July to 09<sup>th</sup> July 2021 in association with IQAC, Computer Society of India (**CSI**) and The Institution of Electronics and Telecommunication Engineers(**IETE**) Mumbai Chapters.

The participants are the teaching faculty members from the Departments of CSE/IT/ ETRX/Electrical Depts. From various Engineering Colleges.

Your name has been proposed by the coordinator to handle the sessions on the topic “Feature Representation, Ensemble Methods, Real Time Applications” on Day-4 of SDP (08<sup>th</sup> July-Thursday) at 2:00PM-6:00 PM, through Zoom meeting App.

And “Dimensionality Reduction Method, Unsupervised Learning Methods” on Day-5 of SDP (07<sup>th</sup> July-Friday) at 2:00PM-5:30 PM, through Zoom meeting App.

On behalf of Theem College of Engg., We cordially invite you to deliver the talk. Your expertise will add an important dimension to the **SDP**

**Looking forward to your kind acceptance.**

**Dr. N.K. Rana**  
**Director**

**Dr. Aqueel A Shah**  
**Principal**





# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.  
Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/SDP-01

Date : 29<sup>th</sup> June 2021

To,  
Mr. Ali Mustafa,  
Student Program Manager,  
Postman

Dear Sir,

**Sub: Invitation for being a resource person for the SDP on “Recent Trends in Artificial Intelligence and Machine Learning & its Applications” Regarding/-**

With reference to the above, we are pleased to inform you that our college is conducting one week **Student Development Program (SDP)** on “**Recent Trends in Artificial Intelligence and Machine Learning & its Applications**” on **05<sup>th</sup> July to 09<sup>th</sup> July 2021** in association with IQAC, Computer Society of India (CSI) and The Institution of Electronics and Telecommunication Engineers (IETE) Mumbai Chapters.

The participants are the teaching faculty members from the Departments of CSE/IT/ ETRX/Electrical Depts. from various Engineering Colleges.

Your name has been proposed by the coordinator to handle the sessions on the topic “**Application of Artificial Intelligence & Machine Learning in API’s Development**” on **Day-5 of SDP (09<sup>th</sup> July-Friday) at 5:30 PM -6:00 PM, through Zoom meeting App.**

On behalf of Theem College of Engg., We cordially invite you to deliver the talk. Your expertise will add an important dimension to the SDP.

Looking forward to your kind acceptance.

**Dr. N.K. Rana**  
**Director**

**Dr. Aqueel A Shah**  
**Principal**





# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ SDP -1

Date : 29<sup>th</sup> June 2021

To,

The President,

The Institution of Electronics and Telecommunication Engineers (IETE)

Mumbai

**Sub: Invitation for addressing the participants of SDP conducted by our college-**

**Regarding**

With reference to the above, we are pleased to inform you that our college is conducting one week **Student Development Program (SDP)** on **“Recent Trends in Artificial Intelligence and Machine Learning & its Applications”** on **05<sup>th</sup> July to 09<sup>th</sup> July 2021** in association with IQAC, Computer Society of India (CSI) and The Institution of Electronics and Telecommunication Engineers (IETE) Student Chapters.

The resource persons are selected to keep a balance between the *academics and the industry*.

As this **SDP** is arranged at a very short notice, we would be grateful to you be on-board of the **Valedictory session** and address the participants of this event through the **Zoom meeting app**, on **09<sup>th</sup> July at 05:30 PM.**

This **SDP** shall be more beneficial for the **students** fraternity for **Career Advancement Scheme (CAS)** etc. expecting a good number of Engineering faculty members and the final year students can also participate in this event.

Kindly consider this invitation and grace the valedictory session for **30 min or so.**

The draft leaflet of the event is attached for your kind consideration.

Thanks and Regards,

**Director**  
**Dr. N.K. Rana**



**Principal**  
**Dr. Aqueel A. Shah**



# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ SDP-01

Date : 10<sup>th</sup> July 2021

## Letter of Appreciation

This Certificate is issued to **Dr. Suresh A. Shan**, Head – Innovation & Future Technology Mahindra & Mahindra Financial Services Sector, Hon. Chairman, CSI, Mumbai Chapter, for giving a session talk as a Resource person (Topic:- **Vision-3.0, Recent Trends in Artificial Intelligence and Machine Learning and its Applications for Business Transformation**) on **05<sup>th</sup> July 2021**, for one week online **Student** Development Program (SDP) on “**Recent Trends in Artificial Intelligence and Machine Learning and its Applications**” from **05<sup>th</sup> to 9<sup>th</sup> July 2021** organized by the Department of Information Technology & Department of Computer Engg., Theem College of Engineering, Boisar conducted in association with **CSI, IETE** Mumbai Chapters.

**Dr. Aqueel A. Shah**  
**Principal**

[principal@theemcoe.org](mailto:principal@theemcoe.org)

+91 77700 43830



**Dr. N.K. Rana**  
**Director**



# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/ SDP-01

Date : 10<sup>th</sup> July 2021

## Letter of Appreciation

This Certificate is issued to **Prof. P Radha Krishna**, Professor, in National Institute of Technology, Warangal for giving a session talk as a Resource person (Topic:- **Introduction to Data Science and Statistical Methods, Regression Models**) on **05<sup>th</sup> July 2021**, for one week online **Student** Development Program (FDP) on “**Recent Trends in Artificial Intelligence and Machine Learning and its Applications** ” from **05<sup>th</sup> to 9<sup>th</sup> July 2021** organized by the Department of Information Technology & Department of Computer Engg., Theem College of Engineering, Boisar conducted in association with **CSI, IETE** Mumbai Chapters.

**Dr. Aqueel A. Shah**

**Principal**

[principal@theemcoe.org](mailto:principal@theemcoe.org)

+91 77700 43830



**Dr. N.K. Rana**

**Director**



H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING**

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.  
Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCOE/EST/2020-21/SDP-01

Date : 10<sup>th</sup> July 2021

**Letter of Appreciation**

This Certificate is issued to **Dr. J. W. Bakal**, Hon Chairman IETE, India for giving a Valedictory session talk on **09<sup>th</sup> July 2021**, for one week online **Student Development Program (SDP)** on “**Recent Trends in Artificial Intelligence and Machine Learning and its Applications**” from **05<sup>th</sup> to 9<sup>th</sup> July 2021** organized by the Department of Information Technology & Department of Computer Engg., Them College of Engineering, Boisar conducted in association with **CSI, IETE Mumbai Chapters**.

**Dr. Aqueel A. Shah**  
**Principal**  
[principal@theemcoe.org](mailto:principal@theemcoe.org)  
+91 77700 43830



**Dr. N.K. Rana**  
**Director**



H. J. THIM TRUST'S  
**Theem College of Engineering, Boisar** Approved

By AICTE (New Delhi) Government of Maharashtra & DTE  
Affiliated To University Of Mumbai Est.:- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909  
Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

## Permission Letter

Date: 17/12/2021

To,

The Principal  
Theem college of Engineering Boisar.

**Sub:** Seeking Permission for conducting "F.E. Induction Program" from 22/12/2021 to 28/12/2021.

Respected Sir

The Department of FE/Applied Science & Humanities is pleased to inform you that we are planning to organize a "F.E. Induction Program" from 22/12/2021 to 28/12/2021. The main objective of this programme is to develop academic interests, moral values and ethics among students.

Therefore, we request you to give us permission for the commencement of the mentioned activity.

Yours sincerely,

**Dr. Emily Ghosh**  
HOD



**Enclosed:**

- 1) CV of the Resource Person
- 2) Topic/Syllabus to be covered
- 3) Schedule of the activity



Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE  
Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 • Telefax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCE/EST/2021-22/146

Date: 20/12/2021

To,  
Dr. Sameer Joshi  
Director-LNBC Institute of Engineering & Technology(MBA)  
Satara  
Maharashtra

**Subject:** Invitation to deliver a lecture on *Universal Human Values* for Induction Programme

Dear Sir,

Theem College of Engineering is a premier Engineering Institute of H. J. Thim Trust at Boisar, Taluka Palghar, conducting graduate Engineering Programs in Computer Engineering, I.T. Engineering, Computer Sc. and Engineering (AIML), Electronics & Telecommunication Engineering, Mechanical Engineering, Civil Engineering, Automobile Engineering & Electrical Engineering. We also offer Diploma Engineering Programs in Computer Engineering, Mechanical Engineering, Civil Engineering and Electrical Engineering.

Theem College of Engineering is organizing an "**Induction Programme**" for first year students during 22.12.2021 to 24.12.2021.

I cordially invite you to deliver a lecture discussing "**Universal Human Values**" on 22.12.2021.

**Timing: 1st session:- 11:30am to 1:00pm**  
**2nd session:- 2:00pm to 3:30pm**

The Principal, Management, Staff and Students of this Institute shall be obliged and grateful for your kind acceptance.

Thanking you,  
Yours faithfully,

(Dr. Shah Aqueel A)  
PRINCIPAL



(Dr. N. K. Rana)  
DIRECTOR

Admn. Office : 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023.  
Tel.: 2204 6903 • Telefax : 2283 9850





Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE  
Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 • Telefax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

Ref. No.: TCE/EST/2021-22/147

Date: 20/12/2021

To,  
Dr. Soojey Deshpande  
HOD and Assistant Professor at Sinhgad Institute of Technology and Science  
Narhe  
Maharashtra

**Subject:** Invitation to deliver a lecture on **Universal Human Values** for  
Induction Programme

Dear Sir,

Theem College of Engineering is a premier Engineering Institute of H. J. Thim Trust at Boisar, Taluka Palghar, conducting graduate Engineering Programs in Computer Engineering, I.T. Engineering, Computer Sc. and Engineering (AIML), Electronics & Telecommunication Engineering, Mechanical Engineering, Civil Engineering, Automobile Engineering & Electrical Engineering. We also offer Diploma Engineering Programs in Computer Engineering, Mechanical Engineering, Civil Engineering and Electrical Engineering.

Theem College of Engineering is organizing an "**Induction Programme**" for first year students during 22.12.2021 to 24.12.2021.

I cordially invite you to deliver a lecture discussing "**Universal Human Values**" on 24.12.2021.

**Timing: 11:30am to 1:00pm**

The Principal, Management, Staff and Students of this Institute shall be obliged and grateful for your kind acceptance.

Thanking you,  
Yours faithfully,

(Dr. Shah Aqueel A)  
PRINCIPAL



(Dr. N. K. Rana)  
DIRECTOR

Admn. Office : 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023.  
Tel.: 2204 6903 • Telefax : 2283 9850



Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE

Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

Ref No: TCE/EST/2021-22/152-A

Date: 23/12/21

To  
Mr. Rehman Gujrati  
Managing Partner at Arc3D  
Maharashtra

**Subject:** Invitation to deliver a "**Motivational Speech**" for Induction Programme

Dear Sir,

Theem College of Engineering is a premier Engineering Institute of H. J. Thim Trust at Boisar, Taluka Palghar, conducting graduate Engineering Programs in Computer Engineering, I.T. Engineering, Computer Sc. and Engineering (AIML), Mechanical Engineering, Civil Engineering, Automobile Engineering & Electrical Engineering. We also offer Diploma Engineering Programs in Computer Engineering, Mechanical Engineering, Civil Engineering and Electrical Engineering.

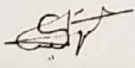
Theem College of Engineering is organizing an "**Induction Programme**" for first year students during **22.12.2021 to 28.12.2021**.

I cordially invite you to deliver "**Motivational Speech**" on **27.12.2021**.

**Timing: 01:15 pm to 02:15 pm**

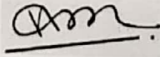
The Principal, Management, Staff and Students of this Institute shall be obliged and grateful for your kind acceptance.

Thanking you,  
Yours faithfully,

  
(Dr. Shah Aqueel A)  
PRINCIPAL

PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar -401 501



  
(Dr. N. K. Rana)  
DIRECTOR

DIRECTOR  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar- 401 501

Admn. Office : 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023.  
Tel.: 2204 6903 ● Telefax : 2283 9850



Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE

Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

Ref No:-TCE/EST/2021-22/150-A

Date:-22/12/21

To  
Dr. Sameer Joshi  
Director-LNBC Institute of Engg & Tech(MBA)  
Satara , Maharashtra.

**Subject:** Thanksgiving letter for delivering a lecture on '**Universal Human Values**'.

Dear Sir,

On the behalf of students and staff of Theem college of Engineering, we express my appreciation for your inspiring speech on '**Universal Human Values**' during the first year induction program. We are profoundly thankful for sharing your time, talent and knowledge with us. We hope to arrange for similar program in future.

Thanking you,  
Yours faithfully,

(Dr. Shah Aqueel A)  
PRINCIPAL  
PRINCIPAL

THEEM COLLEGE OF ENGINEERING  
Boisar (East), Tal. & Dist. Paighar-401 501.



(Dr. N. K. Rana)  
DIRECTOR  
DIRECTOR

THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Paighar- 401 501

Admn. Office : 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023.  
Tel.: 2204 6903 ● Telefax : 2283 9850



Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE

Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

Ref No: TCE/EST/2021-22/153-A

Date: 24/12/2021

To,  
Dr. Soojay Deshpande  
HOD and Assistant Professor  
Sinhgad Institute of Technology and Science Narhe  
Pune, Maharashtra, India

**Subject:** Thanksgiving letter for delivering a lecture on '**Universal Human Values**'.

Dear Sir,

On the behalf of students and staff of Theem college of Engineering, we express my appreciation for your inspiring speech on '**Universal Human Values**' during the first year induction program. We are profoundly thankful for sharing your time, talent and knowledge with us. We hope to arrange for similar program in future.

Thanking you,  
Yours faithfully,

(Dr. Shah Aqueel A)

PRINCIPAL  
PRINCIPAL

THEEM COLLEGE OF ENGINEERING  
Boisar (East), Tal. & Dist. Palghar-401 501



(Dr. N. K. Rana)

DIRECTOR  
DIRECTOR

THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar- 401 501

Admn. Office : 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023.  
Tel.: 2204 6903 ● Telefax : 2283 9850



Success... through  
quality education !

H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra & DTE

Affiliated to University of Mumbai & MSBTE

"A NAAC Accredited Institute"

Village Betegaon, Boisar Chilhar Road, Boisar (East), Tal. & Dist. Palghar - 401 501.  
Tel.: 7769916109 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

REF No: TCE/EST/2021-22/153-B

Date: 27/12/21

To  
Mr. Rehman Gujrati  
Managing Partner at Arc3D  
Maharashtra

**Subject:** Thanksgiving letter for delivering a lecture on '**Motivational Speech**'.

Dear Sir,

On the behalf of students and staff of Theem college of Engineering, we express my appreciation for your inspiring speech on '**Motivational Speech**' during the first year induction program. We are profoundly thankful for sharing your time, talent and knowledge with us. We hope to arrange for similar program in future.

Thanking you,  
Yours faithfully,

(Dr. Shah Aqueel A)

PRINCIPAL  
PRINCIPAL

THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar - 401 501



(Dr. N. K. Rana)

DIRECTOR

DIRECTOR

THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar - 401 501

Admn. Office : 310, Yusuf Building, Veer Nariman Road, Fort, Mumbai - 400 023.  
Tel.: 2204 6903 ● Telefax : 2283 9850



H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING, BOISAR**

Approved By AICTE ( New Delhi) Government of Maharashtra & DTE

Affiliated To University of Mumbai

Village Betegaon, Near Union Park, BoisarChilhar Road, Boisar (E), Tal.-Dist.-Palghar, 401501. Tel: - (02525) 284909 / 284926.

•Telefax : (02525) 284 927 •Email ID : info@theemcoe.org•Website : www.theemcoe.org

**FE Induction Schedule 2021-22**

Date	Time/ Day	Venue	Session 1			Session 2	
			10.00am- 11.30am	11.30am -1.00pm	1.00pm-2.00pm	02.00pm-3.30pm	03.30pm-4.30pm
22/12/2021	Wednesday	Seminar Hall, Second floor (Building 1)	Orientation	Guest lecture(Universal Human Values) Dr. Sameer Joshi	Refreshment	Guest lecture(Universal Human Values) Dr. Sameer Joshi	Familiarisation with Institute and Department
Date	Time/ Day	Mode	Session 1			Session 2	
			10.00am- 11.00am	11.00am -01.00pm	01.00pm-2.00pm	2.00pm-4.00pm	
23/12/2021	Thursday	Online	Yoga (Prof.K.N.Attarde)	Proficiency module (computer) (Prof.Sneha Sankhe)	Lunch Break	Diagnostic tests(Maths, Computer, English)	
Date	Time/ Day		Session 1			Session 2	
			10.00am- 11.00am	11.30am -01.00pm	01.00pm-2.00pm	2.00pm-3.00pm	
24/12/2021	Friday		Mentor Mentee (Prof.Shrikrishna Sonawane)	Guest lecture(UHV) (Dr.Soojey Deshpande)	Lunch Break	Workshop (Entrepreneurship) Prof.Ayub Gulbarga	
Date	Time/ Day		Session 1			Session 2	
			10.00am- 11.00am	11.00am -12.30pm	12.30pm-1.15pm	01.15pm-2.15pm	02.15pm-3.00pm
27/12/2021	Monday		Sports Activity (Prof.Ayaz )	Proficiency module(English) (Prof.Balasubramani)	Lunch Break	Workshop (student Alumini)	Cultural Activity (Prof.Snehal)
Date	Time/ Day		Session 1			Session 2	
		10.00am- 11.00am	11.00am -12.00pm	12.00pm-1.00pm	01.00pm-2.00pm	02.00pm-3.00pm	
28/12/2021	Tuesday	Bridge Course(EM) (Prof.Harshal Ahire)	Bridge Course(EM-I) (Prof.Snehal Patil)	Bridge Course(BEE) (Prof.K.N.Attarde)	Lunch Break	NSS (Prof. Arbiya Shaikh)	



*Dr. Emily Ghosh*  
HOD  
Dr.Emily Ghosh

## Theem College of Engineering, Boisar

### Flutter Proposed Syllabus for Add-on Course

## Flutter

---

As a mobile developer, what do you expect from your application development? Obviously

- Lot of options for beautiful design.
- Butter smooth animations.
- Great Performance.
- Also you would like to target as many platforms as possible from your single code base. Prototyping features in less time.

If you are looking for an SDK that can do all these, Flutter is the best option. Following are some of the features of Flutter.

- Flutter is developed by Google.
- Free and Open Source.
- Flutter is happy to work with your existing code in Java, Swift, ObjC etc.
- Flutter makes single code base possible for both IOS and Android applications. Flutter helps build high-quality native interfaces to Android and IOS.
- With Flutter, time required for Application Development is relatively less, at the same time not compromising on performance or design.
- Hot Reload makes your Application Development fast than ever.
- Flutter has built-in Material Design (for Android) and Cupertino (for iOS). Flutter is a reactive framework like React from Facebook.

### Flutter Development IDEs

---

You can develop Flutter application using any of the following IDEs.

- Android Studio
- IntelliJ IDEA
- Visual Studio Code
- Xcode

### Flutter Development Language – Dart

---

Flutter uses Dart programming language for developing applications. To learn Dart follow [Dart Tutorial](#).

### Flutter on Different Platforms

---

Flutter adopts the physics and behavior of applications corresponding to the target platform. Scroll behavior, navigation, icons, fonts are some of those that Flutter shows differently on different platforms like Android and IOS.

### Flutter for Beginners

---

You can start right away to deliver fast and modern native apps.

### Flutter for Existing Mobile Application Developers

---

You can integrate Flutter with your existing code.

### Installation

---

- Flutter Installation in Linux (Ubuntu)
- Installation in Windows
- Installation in Mac

## Widgets Tutorials

- Flutter – Text Flutter
- – TextField Flutter –
- FlatButton
- Flutter – RaisedButton
- Flutter – Image
- Flutter – SnackBar
- Flutter – Switch
- Flutter – Tooltip
- Flutter – ToggleButtons
- Flutter – Table
- Flutter – DataTable
- Flutter – SelectableText
- Flutter – Icon
- Flutter – IconButton
- Flutter – ListView
- Flutter – Opacity Flutter
- – Radio buttons
- Flutter – TabBar & TabBarView
- Flutter – CircularProgressIndicator

## Widget Properties

- Flutter Padding

## Navigation

- Navigation from one screen to another in Flutter Application

## InterActivity

- StatefulWidget
- StatelessWidget

## Animations

- Flutter Animation Basic Example
- Flutter – Tween Animation
- Flutter – Animate Color of Widget
- Flutter AnimatedIcon
- Flutter AnimatedList
- Flutter AnimatedSwitcher

## AppBar

- Flutter – Center align Application Title

## Text

- Flutter – Center align Text Widget



- Flutter – Change Font Size of Text

## Container

- Flutter – Different Margins at left, top, right and bottom

## Common Issues [Solved]

- Flutter – RaisedButton color not working

## Flutter Other Tutorials

- Flutter SQLite Tutorial
- Example Login Screen with Flutter

## Flutter Official

To visit official Flutter page, go to [<https://flutter.dev/>].

## Conclusion

This Flutter Tutorial walked you through the introduction to Flutter, how to get started with Flutter Application Development, then basics and advanced tutorials in Flutter development, with well detailed examples and complete code.

## **Flutter Tutorial**

### ⇒ **Flutter Tutorial**

- ◆ Flutter - Install on Linux - Ubuntu
- ◆ Flutter - Basic Application Example

## **Flutter Widgets**

- ◆ Flutter Text
- ◆ Flutter TextField
- ◆ Flutter FlatButton
- ◆ Flutter RaisedButton
- ◆ Flutter SnackBar
- ◆ Flutter Switch

◆ Flutter ToggleButtons

◆ Flutter Table

◆ Flutter DataTable

◆ Flutter Tooltip

◆ Flutter TabBar & TabBarView

### Flutter Animation

◆ Flutter Animation Basic Example

◆ Flutter Animate Color

### Flutter Packages

◆ Flutter sqflite - SQLite Tutorial

### Flutter Examples

◆ Flutter Login Screen Sample

12/22/2020

# Campus Recruitment Training Proposal 2022



Campus  
Credential



Campus  
Credential

[www.campuscredentials.com](http://www.campuscredentials.com)  
or call 8369363552

## Contents

<b>Course Objective:</b> .....	2
<b>Need for the Course:</b> .....	2
Our Objective: .....	3
Our Expertise: .....	4
What Do we Do? .....	4
APTITUDE- MODULE 2: .....	6
APTITUDE Features: .....	7
<b>TECHNICAL -Course Objective/ Outcome Expectation:</b> .....	7
Java Programming:.....	8
Introduction to Data Structures:.....	10
Database Management System: .....	10
Python:.....	12
TECHNICAL COURSE Features: .....	14
<b>Financial</b> .....	<b>Error! Bookmark not defined.</b>



## Course Objective:

- ✓ Skill enhancement: Ensuring students receive the best skill-sets to have a better transition from campus to corporate.
- ✓ Employability skills: To increase their employability value to ensure success in their future endeavours.
- ✓ Skilled Professionals: To help students not just pass out as graduate but skilled professionals.

## Need for the Course:

While only 8% of youth is unemployed, 53% have some kind of skill deprivation. This becomes critical as 90% of jobs in India are skill based. Youth employability is a bigger crisis than unemployment as poor-quality skills or education show up in low incomes rather than unemployment. 58% of graduates make less than Rs. 75,000 per year. (Source: <https://timesofindia.indiatimes.com/business/india-business/Indian-youth-are-simply-unemployable-Report/articleshow/2526720.cms>).

The above study clearly bring to the forefront the need of skills enhancement in the youth of the nation today. Gone are the days when securing good marks is all you needed to get a good job. Corporates have understood that although the students may have gained some subject knowledge, but the application part along with some basic soft skills are completely missing in these students. Hence, corporates have come up with proper recruitment processes that will filter out the candidates that possess the skill-sets the company requires. They are checking nothing but the employability of the students, which sadly it is quite low in our nation.

Without proper training and education regarding these skills, the students may face higher outcomes of rejection than what we hope for. This may also result in the students settling for jobs that offer subpar profiles and lower incomes. Our students have a right to better jobs and basic skill-sets which can be provided to them through these courses.

These skill-sets should not be the barrier between them and a potential job opportunity. Employability skills is the need of the hour and we should aim to enhance it with these courses.

## Our Objective:

Our objective is to ensure our youth are employable. To make the students employable, we have to impart certain skills to the students that the corporates require. The subject knowledge is very efficiently provided by the colleges and universities they study in, but the other skills like decision making, time management, people management, negotiation skills, etc. are something that is not taught in a classroom and so our students are lacking in these basic skills.

According the latest LinkedIn reports, 57% of senior leaders today say that soft skills are more important than hard skills for their business today. The skills that the companies are looking for most are Creativity, Persuasion & Negotiation skills, Teamwork, Change Management & Adaptability, Time management, Analytical Reasoning & Decision Making, People Management, Sales and Corporate Communications. (Source: <https://learning.linkedin.com/blog/top-skills/the-skills-companies-need-most-in-2019--and-how-to-learn-them>)

Our courses have been designed based on these latest inputs. The course design is created to inculcate these skills that the corporates need. Student betterment and employability are the main objectives of these courses. We hope to create not just graduates but skilled graduates who can grab the best opportunities.

## Our Expertise:

### What Do we Do?

Campus Credential (CC) is a forerunner in the education and training sector since its inception. CC has successfully trained more than 16,000 students each year with a success rate of more than 90%. The philosophy of the company has always been student-centric rather than profit-centric, which makes CC the ideal choice for students.

Campus Credential has trained students for Campus Recruitment Training (CRT) in institutes all over Mumbai and Maharashtra. About 90% of the engineering colleges in Mumbai, including NMIMS, Saboo Siddik, Thakur, RAIT, Amity University, KJ Somaiya, Rajiv Gandhi, St. Francis, and Pune Campus including D.Y.PATIL (Akrudi Campus), PCCOE Pune many more are associated with CC as their training partner. With its dynamic course that is constantly updated according to the ever changing industry standards, CC has gained the trust and long-term associations with many reputed engineering institutes.

Campus Credential specializes in MBA entrance exam and other competitive exams training, including CAT, XAT, IIFT, SNAP, NMAT, CET, Bank PO, etc. CampPAT, the unique training module designed by CC, is an innovative learning concept that enables students to crack these exams more efficiently. Camp Test Series is an e-learning module designed to help students learn concepts without classroom training.

Campus Credential also trains students for GRE, GMAT, TOEFL, IELTS, etc. along with personalized counselling that enables students to plan and execute their further studies outside India. CC helps them during the entire process with the best mentors and counsellors to ensure a smooth transition for the student.

Campus Credential has designed their own testing platform, training modules and course materials, which enables them to update and upgrade regularly. The trainers and mentors are highly experienced with the credentials to match. With a track record to



boost about, CC is a trusted name and your one-step solution for any competitive entrance exam. With CC, one can never go wrong.





## APTITUDE- MODULE 2:

Topic	Subtopic	Hours
<b>Quantitative Aptitude</b>	Algebra	32hrs
	Profit Ans Loss	
	Average & Allegation / Mixture	
	Time and Work	
	Geometry Mensuration	
	Numbers	
	Percentage	
	Permutation and Combination	
	Probability	
	Ratios and Proportion	
	Time and Distance	
<b>Reasoning</b>	Analytical	18hrs
	Puzzles	
	Blood relationship	
	Data Interpretation	
	Data sufficiency	
	Logical Deductions	
	Logical Sequence of Words	
	Logical Venn Diagrams	
	Statement and Arguments	
	Statement and Assumptions	
	Statement and Conclusions	
Syllogism		
<b>English</b>	Reading Comprehension	20hrs
	Para Jumbles	
	Cloze Test	
	Tenses/ Voice/ Speech	
	Prepositions/ SVA/ Articles	
	Vocab /Verbal Analogy	
	Sentence completion	
Sentence Correction		
<b>LIFE SKILLS TRAINING</b>	Essay Writing	15hrs
	Communication	
	Group Discussion	
	Resume /Personal Interview	
	E-mail Writing	
	Personal Interview SESSIONS	
INDIVIDUAL HR/Technical Interview PER BATCH	35-40HRS	
COMPANY SPECIFIC TRAINING	(TCS/L&T/ COGNIZANT /INFY etc.)	30 hrs.
<b>TOTAL</b>		<b>140HRS PER BATCH</b>

### APTITUDE Features:

- 1) 100+ Section Test (English /Quant/Reasoning)
- 2) 30+ Practice Mock Test (Full Length)
- 3) 30+ Company Specific Test
- 4) Online Assessment Portal
- 5) 60 hrs+ Pre Recorded Videos For Basic Understanding
- 6) Company Specific Workshop Will Organised As When Required

### TECHNICAL -Course Objective/ Outcome Expectation:

- ✓ To write optimized code.
- ✓ Solve Programming with Time complexity.
- ✓ Develop Logic building in Programming
- ✓ To increase problem solving skills in programming.
- ✓ Clearly understand, how To Approach A Coding Problem and also Develop different Approach to solve Programming
- ✓ Student resume will become more selective; hence you will get more interview calls.
- ✓ Must Do Coding Questions Company-wise
- ✓ Can able to crack coding challenges.
- ✓ Practice for cracking any coding interview
- ✓ How to begin with Competitive Programming

## Java Programming:

Topic	Subtopic
Why Programming?	✓ Introduction to programming
	✓ Representation of algorithms
	✓ Introduction to Java
	✓ Keywords, variables, identifiers and data types
	✓ Operators
	✓ Implicit/Explicit Type conversions
	✓ Control Structures Selection Control Structures
	✓ Flow Control
OOP Basics	✓ Iteration Control Structures
	✓ Need for OOP
	✓ Class and Objects
	✓ Methods and parameters
	✓ Constructors
	✓ Instance and Local variables
	✓ this keyword
	✓ Memory management Memory management
✓ OOP concepts	
Exception Handling	
File handling	
Encapsulation	✓ Abstraction
	✓ Access modifiers
	✓ Arrays and String Working with Arrays
	✓ String and its methods
Debugging & Code Analysis	
Debugging	✓ Code Analysis using Programming Mistake
	✓ Detector (PMD)
Static Static variables, methods, blocks Relationships	
Association	✓ Aggregation
	✓ Inheritance and its types
	✓ super keyword
	✓ Polymorphism Static polymorphism
	✓ Dynamic polymorphism
	✓ Object and Wrapper classes Object and Wrapper classes
Abstract classes and methods	✓ final class, method, variable
	✓ Interfaces
	✓ Exception handling and packages Exception handling
	✓ Packages
	✓ Abstract , final and Interfaces

Unit testing Unit testing using JUnit and Code coverage	✓	Recursion
	✓	Regular expression Regular expression
SQL	✓	Basics of SQL queries
	✓	SQL Joins
JDBC	✓	Introduction
	✓	JDBC Architecture
	✓	Types of Drivers
	✓	Statement
	✓	Result Set
	✓	Read Only Result Set
	✓	Updatable Result Set
	✓	Forward Only Result Set
	✓	Scrollable Result Set
Introduction to Enterprise Edition	✓	Prepared Statement
	✓	Distributed Multitier Applications
	✓	J2EE Containers
	✓	Web Services Support
	✓	Packaging Applications
Web Server and Application Server	✓	J2EE 1.4 APIs
	✓	Tomcat-Introduction
	✓	Overview, installation, Configuring Tomcat
	✓	Jboss server-Introduction
	✓	Overview, installation and Configuration
Servlets	✓	Comparison
	✓	Introduction
	✓	Web application Architecture
	✓	HTTP Protocol & HTTP Methods
	✓	Web Server & Web Container
	✓	Servlet Interface
	✓	HTTP Servlet
	✓	Generic Servlet
	✓	Servlet Life Cycle
	✓	Servlet Config
	✓	Servlet Context
	✓	Servlet Communication
	✓	Servlet-Browser Communication
	✓	send Error
	✓	set Header
	✓	send Redirect
	✓	Web-Component Communication
✓	Forward	
✓	Include	

### Introduction to Data Structures:

Topic	Subtopic
Limitation of Arrays	✓ Introduction to Linked List
	✓ Stack
	✓ Queue
Java Collections framework and Generics	
Introduction to Java Collections framework	✓ Hierarchy of Java Collections framework
	✓ Introduction to Generics
	✓ Generic types
	✓ Generic methods
	✓ Collection interface
	✓ Collections class
	✓ Array List class
	✓ LinkedList class
	✓ Set interface and HashSet class
	✓ Queue interface, Deque interface and
	✓ Array Deque class
✓ Map interface and HashMap class	
Introduction to algorithms Need for algorithms	✓ Characteristics of algorithms
Analysis of algorithms	✓ Types of analysis – worst case, average case, best
	✓ Case and asymptotic notations
	✓ Calculating time complexity
	✓ Searching algorithms
Introduction to searching algorithms	✓ Linear search
	✓ Binary search
Sorting algorithms	
Introduction to sorting algorithms	✓ Bubble sort
	✓ Merge sort
Algorithm techniques	✓ Brute force
	✓ Divide and conquer
	✓ Greedy approach
	✓ Dynamic programming
Comparison of algorithms	✓ Choosing the best type of algorithm for a given problem
	✓ Comparison of few algorithms
	✓ Comparison of operations performed on data structures

### Database Management System:

Topic	Subtopic
Introduction to DBMS -Database Systems Overview	✓ Data Integrity and Constraints
	✓ Entities and Relationships
	✓ SQL Basics SQL Commands and Data Types
	✓ Operators and Expressions
	✓ DDL Statements Create and Drop Table
Alter Table	
DML Statements	
Inserting Data	✓ Retrieving Data
	✓ Updating Data
	✓ Deleting Data
SQL Functions, Sorting & Grouping data	
Functions	✓ Sorting Data
	✓ Grouping Data
	✓ Combining Data
Joins	✓ Cartesian Product and Inner Join
	✓ Self-Join
	✓ Outer Join
Subquery Independent Subquery	✓ Correlated Subquery
	✓ Transactions
	✓ Normalization Functional Dependency
	✓ Normal Forms
	✓ Performance Index
Best Practices for Query Writing	
NoSQL Databases	
Introduction to NoSQL	✓ CAP Theorem
	✓ Types of NoSQL Databases
	✓ MongoDB

Python:

Topic	Subtopic
Introduction	
Input/Output Operators	✓ Python Operators
	✓ Ternary Operator in Python
	✓ Division Operators in Python
	✓ Operator Overloading in Python
	✓ Any All in Python
	✓ Operator Functions in Python   Set 1
	✓ Operator Functions in Python   Set 2
	✓ Difference between == and is operator in Python
Data Types	✓ Python Membership and Identity Operators   in, not in, is, is not
	✓ Strings, Lists, Tuples, Iterations)
	✓ Python String
	✓ Python Lists
	✓ Python Tuples
	✓ Python Sets
	✓ Python Dictionary
Control Flow	✓ Python Arrays
	✓ Python if else
	✓ Chaining comparison operators in Python
	✓ Python For Loops
	✓ Python While Loops
	✓ Python break statement
	✓ Python Continue Statement
	✓ Python pass Statement
Functions	✓ Looping Techniques in Python
	✓ Functions in Python
	✓ *args and **kwargs in Python
	✓ When to use yield instead of return in Python?
	✓ Generators in Python
	✓ Python lambda
	✓ Global and Local Variables in Python
	✓ Global keyword in Python
	✓ First Class functions in Python
	✓ Python Closures
	✓ Decorators in Python
✓ Decorators with parameters in Python	
Python OOP	✓ Memorization using decorators in Python
	✓ Python Classes and Objects
	✓ Constructors in Python
	✓ Destructors in Python

	✓ Inheritance in Python
	✓ Types of inheritance Python
	✓ Encapsulation in Python
	✓ Polymorphism in Python
	✓ Class or Static Variables in Python
	✓ class method vs static method in Python
	✓ Metaprogramming with Metaclasses in Python
Exception Handling	✓ Python Exception Handling
	✓ Python Try Except
	✓ Errors and Exceptions in Python
	✓ Built-in Exceptions in Python
	✓ User-defined Exceptions in Python with Examples
	✓ NZEC error in Python
File handling	✓ File Handling in Python
	✓ Open a File in Python
	✓ How to read from a file in Python
	✓ Writing to file in Python
Regex	✓ Regular Expression in Python with Examples   Set 1
	✓ Regular Expressions in Python – Set 2 (Search, Match and Find All)
	✓ Python Regex: re.search() VS re.findall()
	✓ Verbose in Python Regex
	✓ Password validation in Python
Collections	✓ Counters in Python   Set 1 (Initialization and Updation)
	✓ OrderedDict in Python
	✓ Defaultdict in Python
	✓ ChainMap in Python
	✓ Namedtuple in Python
	✓ Deque in Python
	✓ Heap queue (or heapq) in Python
	✓ Collections.UserDict in Python
	✓ Collections.UserList in Python
	✓ Collections.UserString in Python
numPy	✓ Python Numpy
	✓ Numpy   ndarray
	✓ Numpy   Array Creation
	✓ Numpy   Indexing
	✓ Basic Slicing and Advanced Indexing in NumPy Python
	✓ Numpy   Data Type Objects
	✓ Numpy   Iterating Over Array
	✓ Numpy   Binary Operations
	✓ Numpy   Mathematical Function
	✓ Numpy   String Operations



	✓ Numpy   Linear Algebra
	✓ Numpy   Sorting, Searching and Counting
	✓ Random sampling in numpy   randint() function
	✓ Random sampling in numpy   random_sample() function
	✓ Random sampling in numpy   ranf() function
	✓ Random sampling in numpy   random integers() function
	✓ Numpy ufunc   Universal functions
Pandas	✓ Introduction to Pandas in Python
	✓ How to Install Python Pandas on Windows and Linux?
	✓ Python   Pandas DataFrame
	✓ Creating a Pandas DataFrame
	✓ Python   Pandas Series
	✓ Creating a Pandas Series
	✓ Python   Pandas Dataframe/Series.head() method
	✓ Python   Pandas Dataframe.describe() method
	✓ Dealing with Rows and Columns in Pandas DataFrame
	✓ Python   Pandas Extracting rows using .loc[]
	✓ Python   Extracting rows using Pandas .iloc[]
	✓ Indexing and Selecting Data with Pandas
	✓ Boolean Indexing in Pandas
	✓ Pandas GroupBy
	✓ Python   Pandas Merging, Joining, and Concatenating
	✓ Python   Working with date and time using Pandas
	✓ Python   Pandas Working With Text Data
	✓ Python   Read csv using pandas.read_csv()
	✓ Python   Working with Pandas and XlsxWriter   Set - 1
	Tkinter
✓ What are Widgets in Tkinter?	
✓ Python   Creating a button in tkinter	
✓ Python Tkinter - Label	
✓ RadioButton in Tkinter   Python	
✓ Python Tkinter - Checkbutton Widget	
✓ Python Tkinter - Canvas Widget	
✓ Combobox Widget in tkinter   Python	

### TECHNICAL COURSE Features:

- 1)50+ Technical Test
- 2)30+Company Specific Test(Including Technical )
- 3)Online Notes And Online Assessment Portal
- 5) 30 Hrs+ Pre Recorded Videos For Basic Understanding
- 6) Technical Company Specific Workshop Will Organised As When Required



For any further assistance, you can reach me via any of the below-mentioned contact details.

We look forward to an excellent placement season for your students



Regards,

**Vinay Raikar**

[vinay@campuscredential.co.in](mailto:vinay@campuscredential.co.in) / 9930202329/8369363552

**Campus Credential**

<http://www.campuscredentials.com>

[www.facebook.com/campuscredential/](http://www.facebook.com/campuscredential/)





# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org



## One Week FDP on "Recent Trends in Data Science" 01<sup>st</sup> July- 5<sup>th</sup> July 2020



**Dear Participants,**

**Greetings of the Day !!!**

Department of Computer Science, Information Technology, Electrical, Electronics Engineering of **Theem College of Engineering, Boisar**, Maharashtra in association with IQAC, Computer Society of India (CSI) and The Institution of Electronics and Telecommunication Engineers (IETE) Student Chapters.

Organizes a

Faculty Development Program on

**"Recent Trends in Data Science"**

**01<sup>st</sup> July- 5<sup>th</sup> July 2020**

Timings: 10:00 AM to 2:00 PM

In this regard, we are inviting Faculty members to join the FDP.

***Interested students can also enroll***

\*E-Certificate will be provided to all the participants on successful completion of assessment.

For more Details Please Contact:

Prof. Khalil Pinjari +91- 7020633386

Prof. Prashant Rathod +91- 7021237983

Prof. K. N. Attarde +91- 9987835598

Technical Coordinators

Prof. Rahatullah Khan & Prof. Syed Tanzeem

7020341078

8788938523

\$Detailed Schedule will be shared on Whats App group

**Key Speakers**

**01<sup>st</sup> July**

**Dr. Syed Neimatullah Hussain**

**SECAB IT&E, Vijayapura**

***Data Science: Introduction and Applications***

**Dr. Zahid Ansari**

**PA College of Engg., Mangalore**

***Data Analytics Using R-Programming(Part-1)***

**02<sup>nd</sup> July**

**Dr. Zahid Ansari**

**PA College of Engg., Mangalore**

***Data Analytics Using R-Programming(Part-2)***

**03<sup>rd</sup> July**

**Kunal Jadhav**

**Qatar Islamic Bank**

***Software Development Life Cycle***

**04<sup>th</sup> July**

**Dr. Basavaraj GK**

**Epractical Technology, Bangalore**

***Embedded Systems and IoT***

**05<sup>th</sup> July**

**Sarfaraz Ahmed**

**Clovertex Pvt Ltd Hyderabad.**

***Hadoop and Big Data: Components used in Industry***

**Registration link:** <https://forms.gle/gEoVB91dVVwWswZb7>

**Join Whats App Group:** <https://chat.whatsapp.com/E9UnVQTgSz12mouOEhOvyx>

<https://chat.whatsapp.com/LQbyhfTHLf9B4cdaj2UY4e>

**Dr. Najmuddin Amer**  
Convener

**Dr. N. K. Rana**  
Director

**Dr. Aqueel A Shah**  
Principal



H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING**  
Department of Information Technology

**Letter of Permission**

Date : 23.08.2019

To  
The Principal  
Theem College of Engineering  
Boisar

Subject: Seeking permission for the Workshop on IoT.

Respected Sir,

I Prof. Azhar Nabi and Prof. Harshal Patil, the HOD of I.T. department have arranged a Workshop on IoT for the benefit of Students of TE and BE. The main objective of this activity is to enrich and support the **professional skills with latest information technologies that prepare students for immediate employment in the IT industry.**

I request you to give us permission for the Workshop.

With best regards

Yours sincerely,


  
Prof. Azhar Nabi  
Faculty Coordinator

  
Prof. Harshal Patil  
HOD IT Department

Enclosed:

- 1) [Letter of Acceptance from Resource person/Company - Annex]
- 2) CV of the Resource Person
- 3) [Topic/Syllabus to be covered]
- 4) Schedule of the activity



  
Dr. N. K. Rana  
Principal  
**PRINCIPAL**  
**THEEM COLLEGE OF ENGINEERING**  
Boisar (East) Tal. & Dist. Palghar -401 501



## Invitation Letter

Date: 24/08/2019

Reference: TCE / EST / 2019-20 / 61-A  
To,

To,  
Ms. Ankita Vishwasrao  
Assistant Manager  
RoboKart, Borivali.

**Subject:** Request to conduct a Workshop on IOT from 28.08.2019 to 03.09.2019 at 10 am.

Dear Sir/Madam,

H. J. Thim Trust's Theem college of Engineering is a premier engineering institute at Boisar, Palghar district in Maharashtra, India-401501. It is one of the institutes run by H.J. THIM trust where engineering courses are offered in many disciplines such as Information Technology, Computer Engineering, AIML, Automobile Engineering, Electrical Engineering, Mechanical Engineering and Civil Engineering. The institute also offers diploma in engineering courses.


Theem College of Engineering is organizing a workshop on IOT from 28th August.2019 to 3rd September 2019

The Principal, Management, Staff and Students of this Institute shall be obliged and grateful with your gracious presence on 28th August.2019 at 10 a.m for Workshop on IOT.

We will be honored for your kind consent of accepting our invitation.

With best regards

  
Prof. Azhar Nabi  
Assistant Professor

  
Prof. Harshal Patil  
HOD IT Department

  
Dr. N.K. Rana

Principal  
PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar -401 501



## Course Content:

### ✦ Session 1:

- Introduction to Robotics
- Applications of Robotics Technology
- Types of Robots
- Basic Constituents of Robot
  - Microcontroller
  - Actuators
  - Chasis
  - Sensors
  - Power Supply
- Introduction to Internet of Things
- Applications of Internet of Things
- Kit Distribution & Introduction to kit contents

### ✦ Session 2:

- Robot Assembly
- Installation of Arduino IDE and Driver software
- Interfacing of Microcontroller with Computer
- Basic Programming of Arduino
- Interfacing of Motor Driver Board
- Working of Motor driver with Microcontroller
- Interfacing of Wifi Module with Arduino
- AT Commands and Serial Programming
- Controlling LED, Buzzer and Motor using Webpage
- Controlling of LED using Html webpage



### ✦ Session 3:

- Interfacing of LM35 Temperature Sensor
- Reading of sensor on Serial monitor
- Account creation for Cloud Server Applications
- Uploading Value of LM35 sensor on Cloud server

### ✦ Session 4:

- Interfacing of LDR and other sensors
- Creating multiple tables and Graphs on Cloud Server
- Uploading Values of sensor on Cloud Server
- Sensor Monitoring using Mobile Phone
- Demo: Home Automation Using Mobile Phone
- Controlling of Live electrical appliances using Mobile Phone

### ✦ Session 5:

- Designing the Project using the Knowledge gained during the overall sessions.

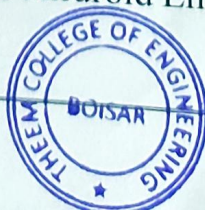
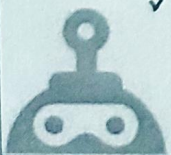
## Certification:

Certification will be provided from RoboKart.com.

E-Certificate will be available to download at our website.

## Target Audience:

- ✓ Students seeking career in Robotics and Embedded System related Industry.
- ✓ All year students from Physics, Electronics, EXTC, Mech, IT, EEE, IE, CS Engineering Stream & Android Enthusiast.





H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING**  
Department of Information Technology

### Activity Schedule

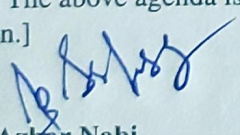
Date: 28.08.2019 to 03.09.2019

Name of the Activity : Workshop on IoT

Name : Mr. Himanshu Sharma & Mr. Joshua Pereira

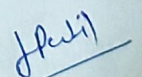
Sr. No.	Agenda	Time
1	Inauguration and Felicitation	10.00 am
2	Introduction of the Activity	10.10 am
3	Resource person 1 & 2 Session 1 (Day 1)	10.30 am to 1.30 pm (Day 1)
4	Resource person 1 & 2 Session 2 (Day 2)	10.30 am to 1.30 pm (Day 2)
5	Resource person 1 & 2 Session 3 (Day 3)	10.30 am to 1.30 pm (Day 3)
6	Resource person 1 & 2 Session 4 (Day 4)	10.30 am to 1.30 pm (Day 4)
7	Resource person 1 & 2 Session 5 (Day 5)	10.30 am to 1.30 pm (Day 5)
8	Question Hour	1.30 to 2.00 pm
9	Valedictory Program & Prize Distribution	3.00 to 5.00 pm
10	Activity Feedback [Annex - Feedback]	

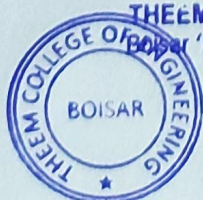
[Note : The above agenda is just a template so please add tea, lunch and any other required list in between.]

  
Prof. Azhar Nabi  
Assistant Professor

  
Dr. N.K. Rana

Principal  
PRINCIPAL

  
Prof. Harshal Patil  
HOD IT Department



THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar -401 301





# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

## Letter of Invitation

**Date: 20/02/2020**

**To,**

Mr. Ibrahim Shah  
CAD Centre Tutor  
Vasai (W),  
Mumbai – 401202.

**Subject:** Request to be as our training expert for “Software Training Programme: Staad Pro” at 10:00 am.

Dear Sir,

Theem College of Engineering is a premier Engineering Institute of H.J. Thim Trust at Boisar, Taluka Palghar, conducting graduate Engineering Program in Computer Engineering, I.T. Engineering, Electronics Engineering, Electronics & Telecommunication Engineering, Mechanical Engineering, Civil Engineering, Automobile Engineering & Electrical Engineering. We also offer Diploma Engineering Program in Computer Engineering, Mechanical Engineering & Civil Engineering.

Theem College of Engineering is organizing Software Training Programme on Staad Pro from 24/02/2020 to 7/03/2020, for next two weeks from now on. The time for this programme would be from 10:00 AM. From Monday to Friday, it will be of 3 Hours, and on Saturday it will be of 5 hours.

The Principal, Management, Staff and Students of this Institute shall be obliged and grateful with your gracious presence on 24/02/2020 at 10 am for above said Program.

We will be honoured for your kind consent of accepting our invitation.

With best regards

**Prof. Arsalan Khan**

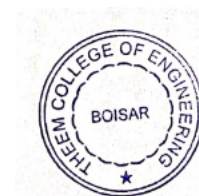
Program Co-ordinator Civil Engg.

**Dr. Aqueel Ahmed Shah**

Principal

**Prof. Faiz Mohd Khan**

Dept. Civil Engg.



To,  
Prof. FAIZ KHAN,  
THE HOD OF CIVIL ENGINEERING.  
THEEM COLLEGE OF ENGINEERING  
BOISAR.

Dear Sir,

We congratulate you and appreciate your interest in upgrading the skills of budding Engineers. Thank you for the opportunity given to us to understand your requirements.

As you may be aware, CADD Centre being the largest CAD training provider in the world, we share a unique relationship with all the leading software developers. As a philosophy, CADD Centre has given more attention to skill development and quality of its training programs, curriculum, and faculties and training material.

Please find attached a first cut proposal for your Civil Engineering students studying at your Institute. We have worked out a special pricing for your students considering your vision to benefit all the students.

We will be open to discuss any further clarification.

Thank you and Regards

For CADD Centre Training Services Pvt. Limited

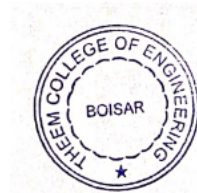
Shah Ibrahim

Centre Head – CADD Centre Vasai Road.

Add: Marc-7, 1<sup>st</sup> floor, behind Gurudwara and HDFC bank,  
Ambadi Road, Vasai road West – 401 202.

Mob: 9819 5769 36.

Land Line: 0250 2330148



## SOFTWARE: STAAD.PRO

DURATION: 40HRS

### Session 1:

- Overview of Structural Analysis and Design
- Overview to STAAD Pro Connect Edition
- Overview of Fundamentals,
- GUI
- Creating and opening an file
- Unit System & Coordinate system
- Navigation & Mouse Controls
- STAAD Editor

### Session2:

- Grids & Types of Grids
- Node Creation: Snap Node, Node table, at over lapping beams, Insert Node for single and multiple members, using STAAD Editor.
- Beam Creation: Snap beam, using beam layout, connect beams along, Point to Point, Between Midpoints, Perpendicular Intersection, Curved Member and using STAAD Editor.  
Structure Wizard: Units, creating truss, creating frame, creating continuous beam, creating cylindrical frame and beam model, Editing parameters, Transferring the model to STAAD Pro, adding items to the library

### Session3:

- Select Menu
- Model Editing Tools for beam: Split, stretch, break, Merge, Renumber and Move
- Model Editing Tools for node: Move, Merge & Renumber

- Translational Repeat
- Circular Repeat
- Mirror
- Rotate
- View Tools

#### **Session4:**

- Material Specification
- Section Profile Specification
- Member Orientation
- Member Specification: Axial Actions, Member end release, Member Offset
- Support Specification
- Group Specification

#### **Session5:**

- Creating a Primary Load, Adding Self weight
- Nodal Load
- **Member Load:** Uniform Force and Moment, Concentrated Force and Moment, Linear Varying Load, Trapezoidal Load, Hydrostatic Load, Pre/Post Stress
- Area Load
- Floor Load

#### **Session6:**

- **Wind load:** Defining Wind Load, Wind Load case
- **Load Combination:** Defining Load Combinations, Automatic Load Combination, Edit Auto Combination Rules
- Introduction to Analysis

#### Session7:

- Introduction to FEM
- **Plate Generation:** 3 or 4-noded 2D plates, Surface objects with holes
- **Add Plate:** Triangular plate, Infill plates
- **Generate Meshing:** Plate Meshing, Surface Meshing
- **Solid Generation:** Solid 3D bricks from 4 to 8-noded
- Composite Decks
- Structure Wizard: Surface, Plate & Solid Models
- Property Specification: Thickness

#### Session8:

- **Plate Load:** Pressure on Full Plate, Concentrated Load, Partial Plate Pressure Load, Trapezoidal Load, Hydrostatic Load
- Element Joint Load,
- Moving Load
- Reference Load & Repeat Load

#### Session9:

- Batch Design Vs Interactive Design
- Concrete Design in STAAD. Pro: Column Design, Beam Design

#### Session 10:

- Steel Design in STAAD.Pro
  - Design of Overhead Transmission Line Towers. **Report Generation**
-



# H. J. THIM TRUST'S THEEM COLLEGE OF ENGINEERING

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
NAAC Accredited with B+ Grade

Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.

Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

## Work Distribution

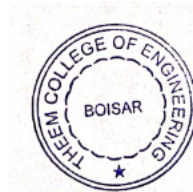
Date: 20/02/2020

Name of Programme: Software Training Programme: Staad Pro

Sr. No.	Name of the faculty	Assigned Task	Student Coordinator	Work to be done by concerned	Sign
1	Arsalan Khan	Informing Students through official notice	Bhati Raza	Generation of activity notice dully signed by HOD	
3	Arsalan Khan Mohd Adil Ansari	Documentation	Sankhe Pranay Shaikh Azhar	Minutes of meeting, permission letter, scheduling and task distribution, invitation letter, thanks giving letter, attendance, website updatation, activity feedback	
5	Arsalan Khan	Students sitting arrangement, coordination and other conduction activities of programe	Wade Raj	Arrangement of Lb, projector & PCs, program monitoring	

**Prof. Arsalan Khan**

Program Co-ordinator Civil Engg.



**Prof. Faiz Mohd Khan**

Dept. of Civil Engg.



**P. J. TRIM TRUST'S**  
**THEEM COLLEGE OF ENGINEERING**

Approved by AICTE (New Delhi), Government of Maharashtra & DTE, Affiliated to University of Mumbai & MSBTE, Estd. 2009  
 NAAC Accredited with B+ Grade

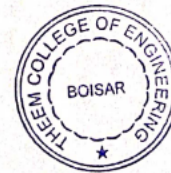
Village Betagaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist.: Palghar - 401 501.  
 Tel.: (02525) 284 909 • Fax : (02525) 284 927 • Email : info@theemcoe.org • Website : www.theemcoe.org

**STADD PRO WORKSHOP SCHEDULE (AY:2019-20)**

Date	Day	Timing	SESSION - 1
24/02/2020	MONDAY	10:00 AM to 01:00 PM	Overview of Structural Analysis & Design
			Overview of STAAD PRO Connect Edition
			Overview of Fundamentals
			GUI
			Creating and Opening a File Unit System & Coordinate System Navigation and Mouse Control
			STAAD Editor
Date	Day	Timing	SESSION - 2
25/02/2020	TUESDAY	10:00 AM to 01:00 PM	Grids & Types of Grids
			Node Creation: Snap Node, Node table, at over lapping beams, Insert Node for single and multiple members, using STAAD Editor.
26/02/2020	WEDNESDAY	10:00 AM to 01:00 PM	Beam Creation: Snap beam, using beam layout, connect beams along, Point to Point, Between Midpoints, Perpendicular Intersection, Curved Member and using STAAD Editor.
			Structure Wizard: Units, creating truss, creating beam, frame, creating continuous creating cylindrical frame and beam model, Editing parameters, Transferring the model to STAAD Pro, adding items to the library
Date	Day	Timing	SESSION - 3
27/02/2020	THURSDAY	10:00 AM to 01:00 PM	Select Menu
			Model Editing Tools for beam: Split, stretch, break, Merge, Renumber and Move
			Model Editing Tools for node: Move, Merge & Renumber
28/02/2020	FRIDAY	10:00 AM to 01:00 PM	Translational Repeat
			Circular Repeat
			Mirror
			Rotate
			View Tools
Date	Day	Timing	SESSION - 4
29/02/2020	SATURDAY	10:00 AM to 01:00 PM	Material Specification
			Section Profile Specification
			Member Orientation Member Specification: Axial Actions, Member end release, Member Offset
		02:00 PM TO 4:00 PM	Support Specification
			Group Specification



Date	Day	Timing	SESSION - 5
2/3/2020	MONDAY	10:00 AM to 01:00 PM	Creating a Primary Load, Adding Self weight
			Nodal Load
			Member Load: Uniform Force and Moment, Concentrated Force and Moment, Linear Varying Load, Trapezoidal Load, Hydrostatic Load, Pre/Post Stress
			Area Load
Date	Day	Timing	SESSION - 6
3/3/2020	TUESDAY	10:00 AM to 01:00 PM	Wind load: Defining Wind Load, Wind Load case
			Load Combination: Defining Load Combinations, Automatic Load Combination, Edit Auto Combination Rules
			Introduction to Analysis
Date	Day	Timing	SESSION - 7
4/3/2020	WEDNESDAY	10:00 AM to 01:00 PM	Introduction to FEM
			Plate Generation: 3 or 4-noded 2) plates, Surface objects with holes
			Add Plate: Triangular plate. Infill plates
5/3/2020	THURSDAY	10:00 AM to 01:00 PM	Generate Meshing: Plate Meshing. Surface Meshing
			Solid Generation: Solid 3D bricks from 4 to 8-noded
			Composite Decks
			Structure Wizard: Surface, Plate & Solid Models
			Property Specification: Thickness
Date	Day	Timing	SESSION - 8
6/3/2020	FRIDAY	10:00 AM to 01:00 PM	Plate Load: Pressure on Full Plate. Concentrated Load, Partial Plate
			Pressure Load, Trapezoidal Load. Hydrostatic Load
			Element Joint Load,
			Moving Load
			Reference Load & Repeat Load
Date	Day	Timing	SESSION -9
7/3/2020	SATURDAY	10:00 AM to 01:00 PM	Batch Design Vs Interactive Design
			Concrete Design in STAAD. Pro: Column Design, Beam Design
		02:00 PM TO 4:00 PM	SESSION -10
			Steel Design in STAAD.Pro
			Design of Overhead Transmission Line Towers. Report Generation







H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING**  
Department of Information Technology

**Letter of Permission**

Date : 22.08.2018

To  
The Principal  
Theem College of Engineering  
Boisar

Subject: Seeking permission for the Workshop on IoT.

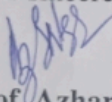
Respected Sir,

I Prof. Azhar Nabi and Prof. Harshal Patil, the HOD of I.T. department have arranged a Workshop on IoT for the benefit of Students of TE and BE. The main objective of this activity is to enrich and support the **professional skills with latest information technologies that prepare students for immediate employment in the IT industry.**

I request you to give us permission for the Workshop.

With best regards

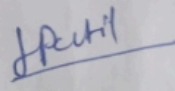
Yours sincerely,

  
Prof. Azhar Nabi  
Faculty Coordinator

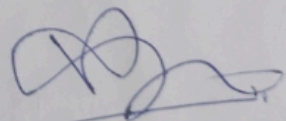
Enclosed:

- 1) [Letter of Acceptance from Resource person/Company - Annex]
- 2) CV of the Resource Person
- 3) [Topic/Syllabus to be covered]
- 4) Schedule of the activity



  
Prof. Harshal Patil  
HOD IT Department

H. O. D.  
Dept. of Information Technology  
Theem College of Engineering, Boisar, 401501

  
Dr. N. K. Rana  
Principal

PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (East) Tal. & Dist. Palghar -401 801



H. J. THIM TRUST'S  
**THEEM COLLEGE OF ENGINEERING**  
Department of Information Technology

**Invitation Letter**

Date: 23/08/2018

Reference:

To,

To,  
Ms. Ankita Vishwasrao  
Assistant Manager  
RoboKart, Borivali.

**Subject:** Request to conduct a Workshop on IOT from 24/08/2018 to 31/08/2018 at 10 am.

Dear Sir/Madam,

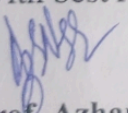
H. J. Thim Trust's Theem college of Engineering is a premier engineering institute at Boisar, Palghar district in Maharashtra, India-401501. It is one of the institutes run by H.J. THIM trust where engineering courses are offered in many disciplines such as Information Technology, Computer Engineering, AIML, Automobile Engineering, Electrical Engineering, Mechanical Engineering and Civil Engineering. The institute also offers diploma in engineering courses.

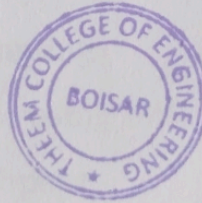
Theem College of Engineering is organizing a workshop on IOT from 24th August 2018 to 31th August 2018.

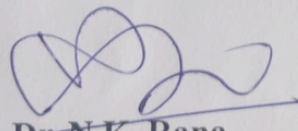
The Principal, Management, Staff and Students of this Institute shall be obliged and grateful with your gracious presence on 24th August 2018 at 10 a.m for Workshop on IOT.

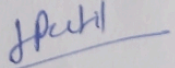
We will be honored for your kind consent of accepting our invitation.

With best regards

  
Prof. Azhar Nabi  
Assistant Professor



  
Dr. N.K. Rana  
Principal

  
Prof. Harshal Patil  
HOD IT Department

H. O. D.  
Dept. of Information Technology  
Theem College of Engineering, Boisar, 401501

PRINCIPAL  
THEEM COLLEGE OF ENGINEERING  
Boisar (Emet) Tal. & Dist. Palghar -401501

## Course Content:

### ✦ Session 1:

- Introduction to Robotics
- Applications of Robotics Technology
- Types of Robots
- Basic Constituents of Robot
  - Microcontroller
  - Actuators
  - Chasis
  - Sensors
  - Power Supply
- Introduction to Internet of Things
- Applications of Internet of Things
- Kit Distribution & Introduction to kit contents

### ✦ Session 2:

- Robot Assembly
- Installation of Arduino IDE and Driver software
- Interfacing of Microcontroller with Computer
- Basic Programming of Arduino
- Interfacing of Motor Driver Board
- Working of Motor driver with Microcontroller
- Interfacing of Wifi Module with Arduino
- AT Commands and Serial Programming
- Controlling LED, Buzzer and Motor using Webpage
- Controlling of LED using Html webpage



### ✦ Session 3:

- Interfacing of LM35 Temperature Sensor
- Reading of sensor on Serial monitor
- Account creation for Cloud Server Applications
- Uploading Value of LM35 sensor on Cloud server

### ✦ Session 4:

- Interfacing of LDR and other sensors
- Creating multiple tables and Graphs on Cloud Server
- Uploading Values of sensor on Cloud Server
- Sensor Monitoring using Mobile Phone
- Demo: Home Automation Using Mobile Phone
- Controlling of Live electrical appliances using Mobile Phone

### ✦ Session 5:

- Designing the Project using the Knowledge gained during the overall sessions.

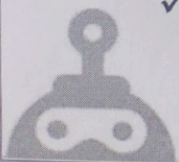
## Certification:

Certification will be provided from RoboKart.com.

E-Certificate will be available to download at our website.

## Target Audience:

- ✓ Students seeking career in Robotics and Embedded System related Industry.
- ✓ All year students from Physics, Electronics, EXTC, Mech, IT, EEE, IE, CS Engineering Stream & Android Enthusiast.





H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE  
Affiliated To University Of Mumbai Est.:- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909  
Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

## Letter of Appreciation

REF No:- TCE/EST/18-19/1190-A

Date: 31/08/2018

To,  
Mr. Himanshu Sharma  
RoboKart, Borivali.

Dear Himanshu,

On behalf of the Management, Principal Sir and the Organizing Committee, we wanted to express our appreciation to you for the workshop as our trainer on **Internet of Things**. It was extremely informative, and the participation illustrated the importance of this topic to our students.

RoboKart is an excellent firm, and we appreciate you for taking out your personal time and providing us with the timely information. The positive responses to the workshop are a reflection of RoboKart acceptance and credibility within the industry.

Once again, thank you for making the workshop successful and we appreciate your continued support.

Thanking You,

Received  
J. Patil  
31/08/2018



Yours faithfully,

(Prof. Harshal Patil)  
HOD IT

H. O. D.

Dept. of Information Technology  
Theem College of Engineering, Boisar, 401501



H. J. THIM TRUST'S

# Theem College of Engineering, Boisar

Approved By AICTE (New Delhi) Government of Maharashtra & DTE  
Affiliated To University Of Mumbai Est.:- 2009 - 2010

Boisar Chilhar Road, Boisar (E), Dist. Palghar - 401 404. Tel: - (02525) 284909  
Tele Fax No: - (02525) 284927 \*Email: [info@theemcoe.org](mailto:info@theemcoe.org) \*Website: [WWW.theemcoe.org](http://WWW.theemcoe.org)

## Letter of Appreciation

Ref No:- TCE/EST/18-19/119

Date: 31/08/2018

To,  
Mr. Joshua Pereira  
RoboKart, Borivali.

Dear Joshua,

On behalf of the Management, Principal Sir and the Organizing Committee, we wanted to express our appreciation to you for the workshop as our trainer on **Internet of Things**. It was extremely informative, and the participation illustrated the importance of this topic to our students.

RoboKart is an excellent firm, and we appreciate you for taking out your personal time and providing us with the timely information. The positive responses to the workshop are a reflection of RoboKart acceptance and credibility within the industry.

Once again, thank you for making the workshop successful and we appreciate your continued support.

Thanking You,



Yours faithfully,

(Prof. Harshal Patil)

HOD IT

H. O. D.

Dept. of Information Technology  
Theem College of Engineering, Boisar, 401501

*Handwritten:*  
31/08/2018  
Received



H. J. Thim Trust's  
Theem College of Engineering, Boisar  
Department of Electrical Engineering  
Letter of Permission

---

Date: 10/12/2018

To  
The Principal  
Theem College of Engineering  
Boisar

Subject: Seeking permission for Vocational Education Training on Design & Testing of Three phase Transformer.

Respected Sir

I, Professor Elahi Shaikh, am the HOD of Department of Electrical Engineering. My department's Prof. Rakesh S. Kushwah has arranged Vocational Education Training on Design & Testing of Three phase Transformer for the benefit of Students of TE & BE. The main objective of this activity is to enrich and support the "Course Outcome" of respective subject

I request you to give us permission for the workshop.

With best regards

Yours sincerely

Prof. Rakesh S. Kushwah  
Activity Coordinator

Prof. Elahi Shaikh  
HOD  
Department of Electrical Engg.

Dr. N.K. Rana  
Principal





H. J. Thim Trust's  
Theem College of Engineering, Boisar  
Department of Electrical Engineering  
Schedule and Syllabus of Vocational Education Training



Date: 19/12/2018 to 23/12/2018

Name of the Activity: Vocational Education Training on Design & Testing of Three phase Transformer

Date	Session	Time	Contents	Hours
19-12-2018	Session 1	09:00-01:00 pm	Core Assembly Thoretical Design and Features	3
	Session 2	02:00-06:00 pm	Core Assembly Thoretical Calculations	
20-12-2018	Session 1	09:00-12:00 pm	Secondary Winding (Theory & Practical)	5
	Session 2	01:00-06:00 pm		
21-12-2018	Session 1	09:00-12:00 pm	Primary Winding (Theory & Practical)	3
	Session 2	01:00-06:00 pm		
22-12-2018	Session 1	09:00-12:00 pm	Coil Assembly Theoretical & Practical Connections	5
	Session 2	01:00-06:00 pm		
23-12-2018	Session 1	09:00-01:00 pm	Testing on Transformer	4
	Session 2	02:00-06:00 pm		



Prof. Rakesh S Kushwah  
Activity Co-ordinator



Prof. Elahi Shaikh  
H.O.D  
Department of Electrical Engg.





H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

Department of Electrical Engineering

Permission Letter

Date: 24/02/2019

To,  
The principal,  
Theem College of Engineering,  
Boisar.

**Subject:** Regarding permission for Seminar on "Automotive Management System".

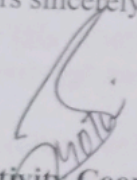
Respected Sir,

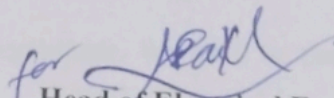
The department of Electrical Engineering is pleased to inform you that we are planning to organize a Seminar on "Automotive Management System" on 11/03/2019.

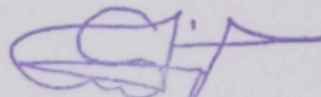
The main objective of this programme is to enrich students with the ideas and ability to help in identification and solution of industrial problems.

Therefore, we request you to give us permission for the commencement of the mentioned activity.

Yours sincerely

  
Activity Coordinator

  
Head of Electrical Engg. Dept.

  
Principal

Enclosed:

- 1) Letter of Acceptance from Resource person/Company - Annex
- 2) CV of the Resource Person
- 3) Topic/Syllabus to be covered
- 4) Schedule of the activity





H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

Department of Electrical Engineering

Invitation Letter

Date: 18/02/2019

To,  
Prof. Ibrahim Ismail Shaikh  
M.H. Saboo Siddik College of Engineering, Byculla  
Mumbai, Maharashtra 400008

**Subject:** Invitation for conducting a seminar on "Automotive Management System"

Respected Sir,

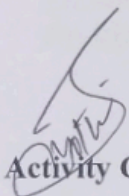
Theem college of Engineering is a premier engineering institute at Boisar, Palghar district in Maharashtra, India-401501. It is one of the institute run by H.J. THIM trust where engineering courses are offered in many disciplines such as Automobile Engineering, Mechanical Engineering, Civil Engineering, Computer Sciences, and Information Technology. The institute also offers diploma in engineering courses.

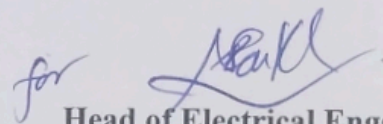
Electrical engineering department is planning to organize a guest lecture on the topic "Automotive Management System" on 11/03/2019 in its college campus.

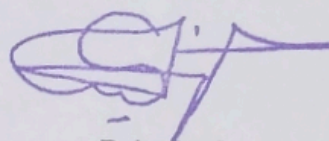
For this programme, we want you to be the lecturer so that we may be benefitted with your skills, knowledge and a great deal of experience.

Therefore we request you to accept our invitation for the programme. We shall be thankful to you for your consideration.

Yours sincerely

  
Activity Coordinator

  
for  
Head of Electrical Engg. Dept.

  
Principal





H. J. Thim Trust's  
**Theem College of Engineering, Boisar**  
Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai and MSBTE  
"A NAAC Accredited Institute"

Department of Electrical Engineering

Thanks giving

Date: 11/03/2019

To,  
Dr. Ibrahim Ismail Shaikh,  
Professor at M.H. Saboo Siddik College of Engineering  
Byculla, Mumbai, Maharashtra 400008

**Subject:** Thanks giving to Dr. Ibrahim Ismail Shaikh


Respected Sir,

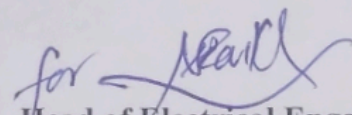
We, the Theem fraternity are very thankful to you for managing your precious time, well organized and full of knowledge session on a topic "**Automotive Management System**" on 11/03/2019. Truly, it was a wonderful session which created the awareness and curiosity about problem identification and solution strategy.

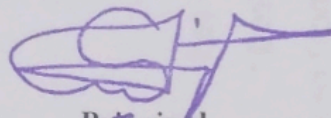
We hope you to continue your coordination and cooperation with us in future so that we may be benefitted again and again.

With best regards!

Yours faithfully

  
Activity Coordinator

  
Head of Electrical Engg. Dept.

  
Principal



## ANNEXURE

### Android Course:

#### Modules

Introduction to Android Development  
Android Layouts and Widgets  
Object Oriented Fundamentals  
Android UI Components  
Activity & Fragments, Notifications  
Intents, Filters and Broadcast Receivers  
Preferences, Resources, Assets,  
Animations  
Content Providers, SQLite  
Adapters and Widgets  
Location & GPS  
Camera, Content Sharing, Android  
Permissions  
Consuming Web Services: Volley  
Social Media Integration  
Material Design

### Digital Marketing Course:

#### Modules

Introduction to Digital Marketing  
Web designing & development  
SEO  
Google Analytics  
SEM  
SMM  
Email Marketing

### Software Testing:

#### Modules

Software Quality & Testing Concepts  
Manual Software Testing  
Functional Testing Tool  
Test Management Tool  
Defect Tracking Tool

### Php Course:

#### Modules

Introducing and Installation Php  
HTML, CSS & JAVASCRIPT  
PHP Input And Output Mechanism  
Language Basics  
PHP Forms, Operators & Expressions  
Working with Flow Control through Control Statements, Working with Flow Control through Loop Statement  
Array with Php, Using Strings in Php  
PHP Functions, File Handling in PHP  
Object Oriented Programming, Error & Exception Handling

**MYSqL with PHP**

**Dot net course:**

**Modules**

.NET Framework

Web Technologies

Web Sites and Page Frameworks

ASP.NET Server Controls

ASP.NET State Management and Caching

ASP.NET User Controls

ASP.NET Custom Controls

Master Pages and themes

ASP.NET Data Access

LINQ

ASP.NET Security

ASP.NET Personalization

Globalization

ASP.NET Navigation

Web Administration

WebPart Personalization

Web Services

ASP.NET AJAX

Deployment

**Angular JS:**

**Modules**

Introduction to HTML 5, Bootstrap and jQuery

Introduction to AngularJS

AngularJS Modules, Directives & Scope object

AngularJS Events & Animation effects

Data Binding & Expressions, Filters

Angular Forms

AngularJS Service and Factories, Dependency Injection

Templates & Routing

Testing

Integration with Other technologies -.NET and Java

Case Study

**Node JS:**

**Modules**

Introduction to Node JS

Setup Dev Environment

Node JS Modules

Node Package Manager

Creating Web server

File System

Debugging Node JS Application

Events

ExpressJS

Serving Static Resources

Database connectivity

Template Engines

**CCNA Course:**

Modules
IP Data Networks
LAN Switching
IP Addressing
P Routing
IP services
Network Security
Troubleshooting
WAN technologies

**Embedded Systems:**

Modules
Introduction
Understanding Embedded Systems
ATMEL 8051, AVR, PIC, ARM Microcontroller
8051, AVR, PIC, ARM Microcontroller Interfacings with:
Wireless and Advanced Interfacing
PCB Designing:

**PLC-SCADA Course:**

Modules
Introduction of plc:
KEYENCE PLC:
ALLEN BRADELY (AB) PLC:
SIMENS PLC:
DRIVES:
TYPES OF DRIVES:
SCADA:
TYPES OF SCADA:

**Autocad 3D (Mechanical) Syllabus:**

Modules
3D Modeling Concepts in Autocad
Viewpoint & UCS
Wireframe Modeling & Editing
Solid, Mesh, Surface ( Modeling & Editing )
Materials, Lights & Rendering
Working with Images
Import & Export

**CATIA VS:**

Modules
Sketcher
Part Design
Generative Sheet Metal Design
Wire frame & Surface Design
Assembly Design
Drafting
Generative Structural Analysis

**Solidworks:**

Modules
Sketcher
Part Design
Assembly Design
Drafting
Generative Structural Analysis

**Ansys Course:**

Modules
INTRODUCTION TO FEA AND ANSYS
BASIC SOLID MODELING
FINITE ELEMENT MODELING (FEM) – I
FINITE ELEMENT MODELING (FEM) – II
SOLUTION AND POSTPROCESSOR
STATIC STRUCTURAL ANALYSIS
THERMAL ANALYSIS
GENERATING THE REPORT OF ANALYSIS

**Adv Ansys Course:**

Modules
INTRODUCTION TO FEA AND ANSYS
ADVANCED SOLID MODELING
FLUIDS (Part 1 and 2)
CFD MODELLING
WORKBENCH
ADVANCED STRUCTURAL ANALYSIS (DYNAMIC AND NONLINEAR)
ADVANCED STRUCTURAL ANALYSIS
GENERATING THE REPORT OF ANALYSIS

**3D Printing Course:**

Modules
Introductory lecture on 3D printer and Rapid Prototyping.
Introduction to different types of 3D Printers.
Introduction to RepRap Arduino electronic controller.
Materials used for printing.
Complete knowledge of Sketch up software for first time users/Thinkercad
Design your own structures like cubes, cylinders, cones and structures etc.
Overview of other CAD software.
Parameters involved in 3D Printing.
Filling/Gluing/Painting/Sealing-Post processing

**Primavera:**

Modules
Navigation
Project Structures
Project Creation
The Work Breakdown Structure
Adding Activities
Relationships and Constraints
Scheduling the Project



Formatting Project Data

Roles and Resources

Baselines

Progressing the Project

Reporting and Exporting

**STAAD-Pro Course:**

**Modules**

Introduction.

Knowledge brush up on Structural Analysis and Design.

How to select member element properly

Modeling Technics.

Member specification.

Understanding in load(s) and load combination(s)

Wind load generator.

Moving load generator

Interpreting of an analysis result.

Knowledge brush up on steel design.

Knowledge brush up on concrete design.

Knowledge brush up on foundation design.

Perform steel design.

Perform concrete design.

Validation examples.



H. J. Thim Trust's

# Theem College of Engineering

Approved by AICTE (New Delhi), Government of Maharashtra and DTE  
Affiliated to University of Mumbai



Success... through  
quality education !

Village Betegaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist. Palghar - 401 501.

Tel.: (02525) 284 909 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

## Letter of Invitation

Reference: TCE/EST/2018-19/395

Date: 01/01/2019

To,

Mr. Amit Nirmal,  
Shirsh Design Solutions Private Ltd.,  
Goregaon (W),  
Mumbai - 400062.

Subject: Request to be as our training expert for program on "Finite Element Analysis of Engineering Applications using ANSYS software".

Dear Sir,

Theem College of Engineering is a premier Engineering Institute of H.J. Thim Trust at Boisar, Taluka Palghar, conducting graduate Engineering Program in Computer Engineering, I.T. Engineering, Electronics Engineering, Electronics & Telecommunication Engineering, Mechanical Engineering, Civil Engineering, Automobile Engineering & Electrical Engineering. We also offer Diploma Engineering Program in Computer Engineering, Mechanical Engineering & Civil Engineering.

Theem College of Engineering is organizing FEA Training Program on ANSYS from 02/01/2019 to 07/01/2019.

The Principal, Management, Staff and Students of this Institute shall be obliged and grateful with your gracious presence on 02/01/2019 at 09:00 A.M. for above said FEA Training Program.

We will be honoured for your kind consent of accepting our invitation.

With best regards

Prof. Nadeem Ansari  
Training Co-ordinator



Prof. Wasim Khan  
(H.O.D)  
Dept. Automobile Engg.

Dr. N. K Rana

Principal

THEEM COLLEGE OF ENGINEERING

Head Office : 310 Yusuf Building, Boisar (E), Tal. & Dist. Palghar - 401 501, Mumbai - 400 023.

Received  
# P. S. 2  
01/01/2019



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**

**Department of Automobile Engineering**

**Permission Letter**

Date: 28/12/2018

To,  
The Principal,  
Theem College of Engineering,  
Boisar.

**Subject:** Seeking permission for training program on "Finite Element Analysis for Engineering Applications using ANSYS software" from 02/01/2019 to 07/01/2019.

Respected Sir,

I Professor Wasim Khan, the HOD of Automobile Engineering Department. My department's Professor Mr. Nadeem Ansari have arranged 5 days (40 hours) FEA Training in ANSYS for the benefit of BE students. The main objective of this activity is to enrich and teach students about the CAE (Computer Aided Engineering) domain activities of real engineering industries. Hence promoting the basics and applications of Finite Element Methods to solve different types of engineering problems. Through this training course students will come across the step by step applications of software principles and instruction to solve and challenge the real world engineering problems.

I request you to give us permission for the activity of FEA Training.

With best regards

Yours sincerely

**Prof. Nadeem Ansari**  
Activity Coordinator

**Prof. Wasim Khan**  
(H.O.D)  
Automobile Engg.

**Head of Department**  
Dept. of Automobile Engg.

Theem College of Engineering, Boisar - 401 501

**Dr. N.K. Rana**  
Principal  
**PRINCIPAL**

**THEEM COLLEGE OF ENGINEERING**  
Boisar (East) Tal. & Dist. Palghar -401 501.

Enclosed:

- 1) Letter of Acceptance from Resource person/Company - Annex
- 2) CV of the Resource Person
- 3) Topic/Syllabus to be covered
- 4) Schedule of the activity



Success... through  
quality education

# Theem College of Engineering

Approved by AICTE (New Delhi) Government of Maharashtra  
Affiliated to University of Mumbai

Village Betegaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist. Palghar - 401 501.

Tel. (02525) 284 909 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

Reference: TCE/EST/2018-19/411

Date: 07/01/2019

To,  
**Mr. Ashish Vajir,**  
Chief Technical Officer,  
Shirsh Technosolutions,  
Goregaon (W),  
Mumbai - 400062.

**Subject:** Thanks giving to Mr. Ashish Vajir

Dear Sir,

We are very glad to thank you for presenting yourself in the Training Program of Finite Element Analysis in ANSYS and being as a Trainer to enrich our students in the programme. Your speech enlightened our faculties and students on applications of Finite Element Methods and different types of solutions to the engineering problems of FEA in ANSYS.

We always expect the same kind of coordination and cooperation in future.

Thanking you

With best regards

Yours faithfully,

**Prof. Nadeem Ansari**  
Training Co-ordinator Automobile Engg.

**Prof. Wasim Khan**  
HOD  
Automobile Engineering

**Dr. Shah Aqueel Ahmad**  
Principal  
**PRINCIPAL**  
**THEEM COLLEGE OF ENGINEERING**  
Boisar (Eas<sup>n</sup>). Tal. & Dist. Palghar-401 501



Recd.  
Pr.



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**

Department of Automobile Engineering

### Training Feedback

**Name:** Training Program on Finite Element Analysis for Engineering Applications using ANSYS software

**Duration of the Program:** 02/01/2019 to 07/01/2019

**Roll No.** 8

**Class:** BE

**Branch:** Automobile Engineering

1) Did the training expert emphasize the fundamentals properly?

Yes

2) Did you end up the training with any kind of queries or doubts not cleared by the expert?

No

3) Did you successfully complete all the practical sessions in ANSYS under the training of the expert or do you feel his guidance was not upto the level of excellence?

~~No~~ Completed properly.

4) Did you learn something valuable from the prolonged period of this training course?

Yes

5) What benefits you derived from the course?

Get to know more about ansys software.

6) Overall rating of the course? (Tick only)

- Excellent
- Very good
- Good
- Satisfactory
- Poor

7) Student suggestions or opinions

Whatever sums were taken, were taught properly.



महाराष्ट्र MAHARASHTRA

2018

US 009383

जिल्हा कोषागार कार्यालय, पालघर  
20/02/19  
20 FEB 2019  
मुद्रांक प्रमुख लिपीक

मुद्रांक विक्री बाबतची नोंद अ. क्र. 29943 = 6 MAR 2019

मुद्रांक खरेदीचे कारण MINIMUM दिनांक  
मुद्रांक विक्रीत वेणीबाणे गाव THEEM COLLEGE OF ENGINEERING  
व रहिवासी पत्ता At Village Betegaon, Near Union Park,  
Boisar (East), Tal. & Dist. Palghar-401 501.

हस्ते शक्ति  
मुद्रांक विक्रीत वेणीबाणे गाव Chandha  
परवाना क्रमांक 2018/004  
परवाना इजाजत महाराष्ट्र, पालघर  
मुद्रांक विक्रीचे ठिकाण/पत्ता ता. पालघर, जि. पालघर, 401501

ज्या कारणासाठी ज्यांनी मुद्रांक खरेदी केला त्यांनी त्याच कारणासाठी मुद्रांक खरेदी केल्यापासून 6 महिन्यात वापरणे बंधनकारक आहे.

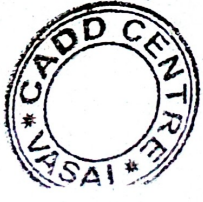
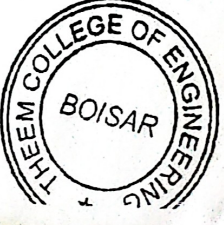
MEMORANDUM OF UNDERSTANDING

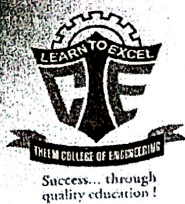
BETWEEN:

THEEM COLLEGE OF ENGINEERING, BOISAR  
&  
CADD CENTRE, VASAI ROAD



This Memorandum of Understanding dated the 06<sup>th</sup> day of March, Two Thousand and Nineteen, is entered between THEEM COLLEGE OF ENGINEERING, Village Betegaon, Boisar-Chilhar Road, Boisar, Dist-Palghar-401501 represented by Dr. N. K. Rana and M/s. CADD CENTRE, VASAI ROAD, 1st Floor, Marc-7, Behind Gurudwara And HDFC Bank, Gurunanak Nagar, Vasai Road West, Dist - Palghar - 401202 (hereinafter referred to as CADD CENTRE, VASAI ROAD) represented by - Mr. Ibrahim Shah, Managing Partner.





**CADD CENTRE**  
Driving Digital Designs!

**THEEM COLLEGE OF ENGINEERING-CADD CENTRE (Vasai Road)- Collaboration Objective:**

Maximize placement opportunities for Engineering Students by equipping them with industry specific skills and to make them industry ready.

This Memorandum of Understanding is to conduct various CADD Training Program for the students of **Theem College of Engineering**. Towards achieving the objective of maximizing the employment opportunities for **THEEM COLLEGE OF ENGINEERING** students and to plan investments and instructors to achieve the same. This memorandum of understanding is being entered for a minimum period of 5 year, which can then be further extended mutually.

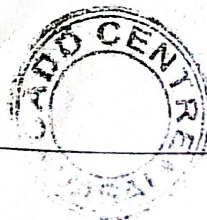
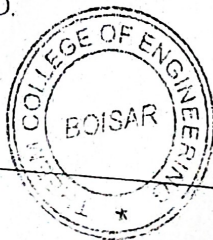
The Memorandum of Understanding states the terms and conditions under which the **CAD Training Program** shall be conducted by **CADD CENTRE, VASAI ROAD** for the **THEEM COLLEGE OF ENGINEERING** students and lists herein the respective responsibilities of both parties.

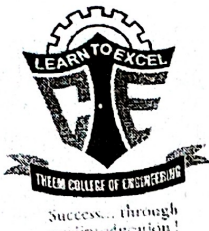
**CADD CENTRE, VASAI ROAD will provide:**

- CADD CENTRE, VASAI ROAD shall provide One lead instructor to give lecture session for the relevant program and to be supported by Lab Instructor (s) to provide guidance during practical sessions.
- The proprietary and internationally acclaimed CADD CENTRE course material to each of the participant.
- CADD CENTRE Certificate to each of the participant after the successful completion of the course. (Note: The certificate will be a joint certificate having name of CADD Centre as well as Theem College of Engineering printed on it.)

**THEEM COLLEGE OF ENGINEERING shall provide:**

- It will be the college responsibility to provide maximum efforts to bring students for each decided course and next academic year onwards it will be adding in college academic syllabus.
- College will help in forming the batches by mutually deciding on the schedule with CADD CENTRE, VASAI ROAD.





Success... through  
quality education!

# CADD<sup>®</sup> CENTRE

Driving Digital Designs!

- College will make sure the attendance is 100% and the student strictly follow the decide schedule.

## COURSE CONTENTS

The content of the CAD Courses will be given before start of Training / Workshop session. The entire course content will be covered with mutual consent.

## COURSE FEES:

The course fees and the sharing pattern will be as per mutual consent.

## TIME SCHEDULE

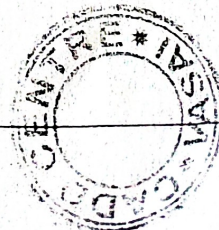
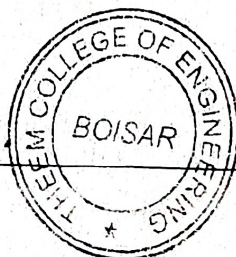
The programs will be conduct during the vacations / college working hours as mutually decided by THEEM COLLEGE OF ENGINEERING & CADD CENTRE (Vasai Road)

## LINK OFFICER

The Campus Director shall appoint a Link Officer for the duration of the program, who shall liaise with CADD CENTRE, (Vasai Road) and speak with the participants to make the training/workshop process learner-friendly and effective. CADD CENTRE, (Vasai Road) shall work in close relationship with the Link Officer, who in-turn shall keep a close touch with the students. In the event of any difference of opinion between CADD CENTRE, (Vasai Road) and the Link Officer, the matter should be referred to the Campus Director, whose decision thereon shall be final.

## COURSE FEES PAYMENT:

- The Course fees for each of the student will be collected 100 % in advance. THEEM COLLEGE OF ENGINEERING will help CADD Centre (Vasai Road) in getting the fees from the student.
- Payment can be made by Cheque/Demand draft in favor of "TECHI TASK" payable at Vasai Road.





**CADD<sup>®</sup>**  
**CENTRE**  
Driving Digital Designs!

**JURISDICTION**

All matters, queries, disputes or differences, whatsoever, arising between the parties touching the construction, meaning, operation or effect of this Memorandum of Understanding or out of or relating to this Memorandum of Understanding or breach thereof shall be settled through arbitration in accordance with the relevant Arbitration Act in force at such time. The Arbitration award shall be binding on both parties.

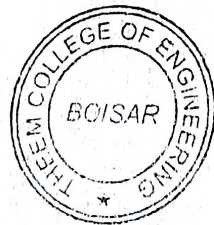
**VALIDITY**

This Memorandum of Understanding will be valid for a period of 5 year.

This Memorandum of Understanding shall come into effect from 06<sup>th</sup> March, 2019.

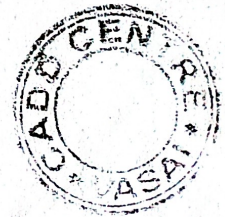
ON BEHALF OF  
THEEM COLLEGE OF ENGINEERING

Dr. N. K. Rana  
Campus Director  
THEEM COLLEGE OF ENGINEERING,  
Village Betegaon, Boisar-Chilhar Road,  
Boisar (E), Dist. Palghar.  
Maharashtra 401501



ON BEHALF OF  
CADD CENTRE, VASAI ROAD

Mr. Ibrahim Shah  
Partner  
CADD CENTRE, VASAI ROAD  
1st Floor, Marc-7, Behind Gurudwara and  
HDFC Bank, Gurunanak Nagar, Station Rd,  
Vasai (West), Thane, Maharashtra 401202





# INVOICE

## TECHI TASK

Marc 7, 1st Floor, Gurunanak Nagar,  
Behind HDFC Bank, Ambadi Road,  
Navghar, Vasai West, Pin - 401202  
Ph no: 0250 2330148 Mob:9819576936  
GST : 27BMHPS7153J1ZH  
PAN : BMHPS7153J

Invoice No : 005  
Date : 10-07-2019

TO,  
**THEEM COLLEGE OF ENGINEERING**  
Boisar East, Palghar Road, Chilhar, Boisar, pin - 401501

Quantity	Description	Price
1	TRAINING PROVIDED. SOFTWARE : AUTOCAD ELECTRICAL NO. OF STUDENTS : 18NOS	₹ 48,310
	G.S.T @ 18%	₹ 8,696
	COURSE MATERIAL	₹ 14,994
TOTAL		₹ 72,000

AMOUNT (in words): Rupees Seventy Two Thousand Only.

VINICA FALCAO

\_\_\_\_\_  
Authorised Signatory

\* Cheque to be made in the favour of 'TECHI TASK'

THANK YOU





H. J. Thim Trust's  
**Theem College of Engineering, Boisar**

**Department of Automobile Engineering**

**Permission Letter**

Date: 18/06/2019

To,  
The Principal,  
Theem College of Engineering,  
Boisar.

**Subject:** Seeking permission for training program on “**Finite Element Analysis for Engineering Applications using ANSYS software**”.

Respected Sir,

I Professor Wasim Khan, the HOD of Automobile Engineering Department. My department's Professors Mr. Mohd. Raees has arranged 5 days (40 hours) FEA Training in ANSYS for the benefit of BE students. The main objective of this activity is to enrich and teach students about the CAE (Computer Aided Engineering) domain activities of real engineering industries. Hence promoting the basics and applications of Finite Element Methods to solve different types of engineering problems. Through this training course students will come across the step by step applications of software principles and instruction to solve and challenge the real world engineering problems.

I request you to give us permission for the activity of FEA Training.

With best regards

Yours sincerely

**Prof. Mohd. Raees**  
Program Coordinators

**Prof. Wasim Khan**  
Head of Automobile Engg. Dept.

**Dr. Shah Aqueel Ahmad**  
Principal

Enclosed:

- 1) Letter of Acceptance from Resource person/Company - Annex
- 2) CV of the Resource Person
- 3) Topic/Syllabus to be covered
- 4) Schedule of the activity



Success... through  
quality education !

# Theem College of Engineering

Village Betegaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist. Palghar - 401 501.

Tel.: (02525) 284 909 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

## Letter of Invitation

Reference: TCE/EST/18-19/10

Date: 20/06/2019

To,  
Mr. Ashish Vajir,  
Think Simulation Technologies,  
Goregaon (W),  
Mumbai - 400062.

**Subject:** Request to be as our training expert for program on "Finite Element Analysis of Engineering Applications using ANSYS software" at 09:00 am.

Dear Sir,

Theem College of Engineering is a premier Engineering Institute of H.J. Thim Trust at Boisar, Taluka Palghar, conducting graduate Engineering Program in Computer Engineering, I.T. Engineering, Electronics Engineering, Electronics & Telecommunication Engineering, Mechanical Engineering, Civil Engineering, Automobile Engineering & Electrical Engineering. We also offer Diploma Engineering Program in Computer Engineering, Mechanical Engineering & Civil Engineering.

Theem College of Engineering is organizing FEA Training Program on ANSYS from 24/06/2019 to 28/06/2019.

The Principal, Management, Staff and Students of this Institute shall be obliged and grateful with your gracious presence on 24/06/2019 at 09:00 am for above said FEA Training Program.

We will be honoured for your kind consent of accepting our invitation.

With best regards

**Prof. Mohd. Raees**  
Training Co-ordinator Automobile Engg.

**Prof. Wasim Khan**  
HOD Automobile Engg.

**Dr. Shah Aqueel Ahmad**  
Principal



## Schedule

Date: 18/06/2019

**Name of Activity:** Finite Element Analysis for Engineering Applications using ANSYS Software

**Name of Resource Person:** Mr. Ashish Vajir

Date	Time	Sessions
24/06/2019 (Monday)	09:00 – 01:00	Session I
	01:00 – 02:00	<b>Lunch Break</b>
	02:00 – 06:00	Session II
25/06/2019 (Tuesday)	09:00 – 01:00	Session I
	01:00 – 02:00	<b>Lunch Break</b>
	02:00 – 06:00	Session II
26/06/2019 (Wednesday)	09:00 – 01:00	Session I
	01:00 – 02:00	<b>Lunch Break</b>
	02:00 – 06:00	Session II
27/06/2019 (Thursday)	09:00 – 01:00	Session I
	01:00 – 02:00	<b>Lunch Break</b>
	02:00 – 06:00	Session II
28/06/2019 (Friday)	09:00 – 01:00	Session I
	01:00 – 02:00	<b>Lunch Break</b>
	02:00 – 06:00	Session II

**Prof. Mohd. Raees**  
(Program Co-ordinator)

**Prof. Wasim Khan**  
(Head of Automobile Department)



H. J. Thim Trust's  
**Theem College of Engineering, Boisar**

Department of Automobile Engineering

**Schedule**

Date: 18/06/2019

**Name of the Activity:** Training program on "Finite Element Analysis of Engineering Applications using ANSYS software"

**Name:** Mr. Ashish Vajir

Day & date	Activities						
	9 AM	9:30 AM.	9:30 AM to 1 PM	1 PM to 2 PM	2 PM to 5:30 PM	5:30 PM to 5:50 PM	5:50 PM to 6 PM
24/06/2019 (Monday)	Inauguration and felicitation	Introduction to the engg. Applications of the Finite Element Analysis and content of modules 1 & 2 with applications	Resource person: session 1	Lunch break	Resource person: session 2	Question hours	
25/06/2019 (Tuesday)	Brief introduction of the modules (Module 3: 3D Simulations & Module 4: Dynamic Analysis) to be covered in both sessions		Resource person: session 1	Lunch break	Resource person: session 2	Question hours	
26/06/2019 (Wednesday)	Brief introduction of the modules (Module 4: Modal Analysis & Module 5: Dynamic Analysis of engineering applications) to be covered in both sessions		Resource person: session 1	Lunch break	Resource person: session 2	Question hours	
27/06/2019 (Thursday)	Brief introduction of the modules (Module 6: Random Vibration Analysis & Module 7: Thermal & Transient Analysis) to be covered in both sessions		Resource person: session 1	Lunch break	Resource person: session 2	Question hours	
28/06/2019 (Friday)	Brief introduction of the modules (Module 8: Optimizations using DOE Tool & Module 9: Buckling & Stress Stiffening) to be covered in both sessions		Resource person: session 1	Lunch break	Resource person: session 2	Question hours	Vote of thanks

**Prof. Mohd. Raees**

Training Co-ordinator Automobile Engg.

**Dr. Shah Aqueel Ahmad**  
Principal

**Prof. Wasim Khan**  
HOD Automobile Engg.



Success... through  
quality education !

# Theem College of Engineering

Village Betegaon, Boisar Chilhar Road, Boisar (E), Tal. & Dist. Palghar - 401 501.

Tel.: (02525) 284 909 ● Telefax : (02525) 284 927 ● Email : info@theemcoe.org ● Website : www.theemcoe.org

## Thanks Giving

Ref: TCE/EST/18-19/11

Date: 28/06/2019

To,  
Mr. Ashish Vajir,  
Chief Technical Head,  
Think Simulation Technologies,  
Goregaon (W),  
Mumbai - 400062.

**Subject:** Thanks giving to Mr. Ashish Vajir

Dear Sir,

We are very glad to thank you for presenting yourself in the Training Program of Finite Element Analysis in ANSYS and being as a Trainer to enrich our students in the programme. Your speech enlightened our faculties and students on applications of Finite Element Methods and different types of engineering problem solutions of FEA in ANSYS.

We always expect the same kind of coordination and cooperation in future.

Thanking you

With best regards

Yours faithfully,

**Prof. Mohd. Raees**

Training Co-ordinator Automobile Engg.

**Prof. Wasim Khan**  
HOD Automobile Engg.

**Dr. Shah Aqueel Ahmad**  
Principal

for  
[Signature]