



# **ESWAR COLLEGE OF ENGINEERING**

(Approved by AICTE, & Affiliated to JNTUK, A.P.)

**KESANUPALLI (V), NARASARAOPETA-522549, AP**

[www.eswarcollegeofengg.org](http://www.eswarcollegeofengg.org), email:[eswarcollegeofengg@gmail.com](mailto:eswarcollegeofengg@gmail.com)

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# **EXPERIENTIAL LEARNING**



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Experiential learning plays a vital role in engineering education, providing students with opportunities to apply theoretical knowledge to real-world problems and scenarios. Here's how experiential learning is typically integrated into engineering college programs:

1. **Laboratory Work:** Engineering students often spend a significant amount of time in laboratories, conducting experiments and tests related to their field of study. These hands-on experiences allow students to understand principles, techniques, and equipment used in their discipline.
2. **Project-Based Learning:** Many engineering programs incorporate project-based learning into their curriculum. Students work in teams to solve real-world engineering problems, design projects, or develop prototypes. This approach fosters collaboration, creativity, and problem-solving skills.
3. **Internships and Co-op Programs:** Engineering colleges often facilitate internships or cooperative education (co-op) programs where students work for companies or organizations related to their field of study. These experiences provide valuable practical experience, networking opportunities, and insight into industry practices.
4. **Field Trips and Site Visits:** Visiting engineering sites, construction projects, manufacturing facilities, or research institutions gives students firsthand exposure to the applications of engineering principles in various contexts. It helps bridge the gap between theory and practice.

By integrating experiential learning opportunities throughout the curriculum, engineering colleges can better prepare students for the demands of the professional world, equipping them with practical skills, critical thinking abilities, and a deep understanding of engineering principles.



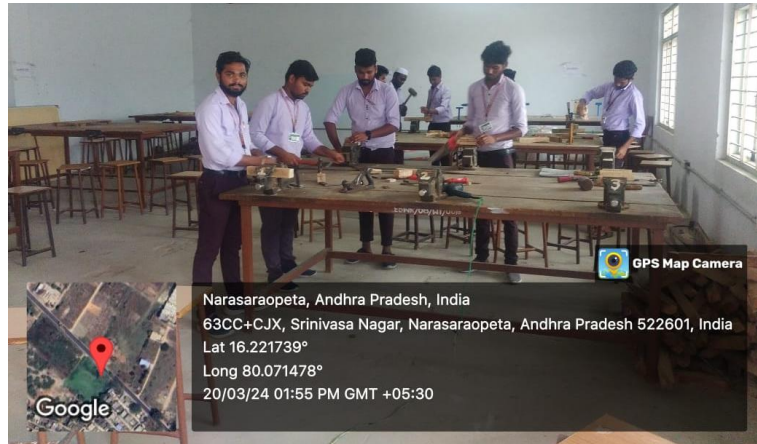
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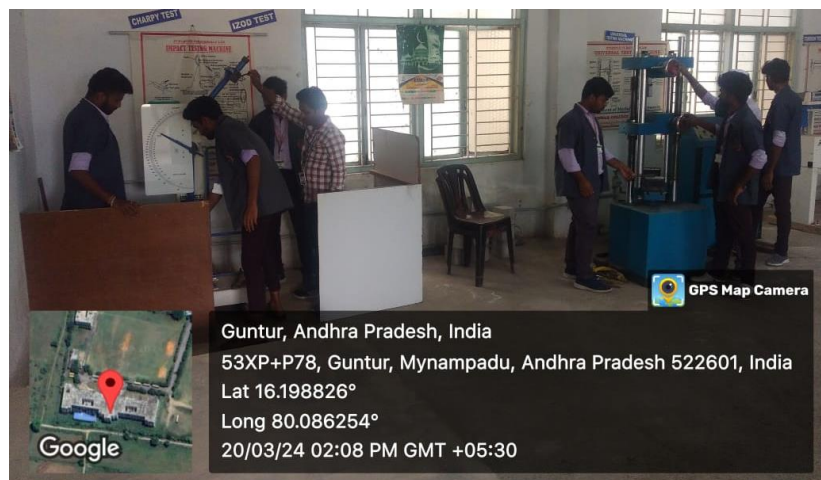
- Laboratory Sessions are conducted with content beyond syllabus experiments.



Students performing the lab experiments at engineering workshop lab



Students performing the lab experiments at fluid mechanics lab



Students performing the lab experiments at mechanics of solids lab



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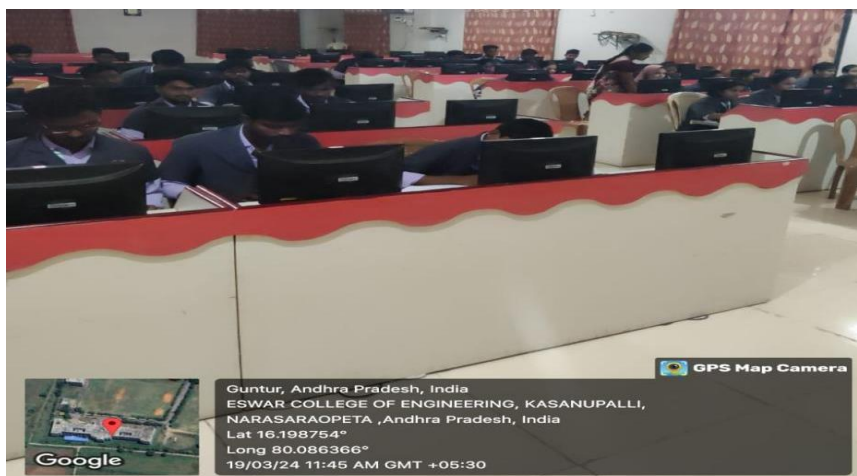
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Students performing lab experiments at hydraulic machines lab



Students performing lab experiments at ground



Students performing lab experiments at computer lab 008



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Students performing lab experiments at computer lab 003



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E-mail: info@codebook.in  
Website: https://codebook.in

## *INTERNSHIP CERTIFICATE*

This is to certify that **JAYANTH KUPPALA**, Roll No. **21JE1A6219**, a student of **B.TECH** from **DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**, **2<sup>nd</sup> YEAR 2<sup>nd</sup> SEMESTER**, **ESWAR COLLEGE OF ENGINEERING**, **NARASARAOPETA, ANDHRA PRADESH**, has successfully completed the internship on “**MACHINE LEARNING APPLICATION ORIENTED PYTHON PROGRAMMING**” which was conducted from **22-MAY-2023 to 17-JUNE-2023**.

During the internship, he demonstrated dedication, enthusiasm, and a strong commitment to learning. He was actively involved and exhibited a good understanding of the concepts.

We wish him all the best for future ventures. Please feel free to contact us for any other information required.

Sincerely,

**FAZAL UR RAHMAN**  
MANAGER



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E-mail: info@codebook.in  
Website: https://codebook.in

## *INTERNSHIP CERTIFICATE*

This is to certify that **KARTHIK KUMAR GAVINI**, Roll No. **21JE1A6260**, a student of **B.TECH** from **DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**, **2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER**, **ESWAR COLLEGE OF ENGINEERING, NARASARAOPETA, ANDHRA PRADESH**, has successfully completed the internship on “**MACHINE LEARNING APPLICATION ORIENTED PYTHON PROGRAMMING**” which was conducted from **22-MAY-2023 to 17-JUNE-2023**.

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**FAZAL UR RAHMAN**

**MANAGER**



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Website: https://codebook.in

## *INTERNSHIP CERTIFICATE*

This is to certify that **KHALEEL AHMED MOHAMMAD**, Roll No. **21JE1A6221**, a student of **B.TECH** from **DEPARTMENT OF COMPUTER SCIENCE AND DESIGN, 2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER, ESWAR COLLEGE OF ENGINEERING, NARASARAOPETA, ANDHRA PRADESH**, has successfully completed the internship on “**MACHINE LEARNING APPLICATION ORIENTED PYTHON PROGRAMMING**” which was conducted from **22-MAY-2023 to 17-JUNE-2023**.

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Sincerely,

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**MANAGER**





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Website: https://codebook.in

## *INTERNSHIP CERTIFICATE*

This is to certify that **MALLIKHARJUNA RAO MAKKENA**, Roll No. **21JE1A6262**, a student of **B.TECH** from **DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**, **2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER**, **ESWAR COLLEGE OF ENGINEERING, NARASARAOPETA, ANDHRA PRADESH**, has successfully completed the internship on **“MACHINE LEARNING APPLICATION ORIENTED PYTHON PROGRAMMING”** which was conducted from **22-MAY-2023 to 17-JUNE-2023**.

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Website: https://codebook.in

## *INTERNSHIP CERTIFICATE*

This is to certify that **MANEESHA TAMMISSETTY**, Roll No. **21JE1A6224**, a student of **B.TECH** from **DEPARTMENT OF COMPUTER SCIENCE AND DESIGN**, **2<sup>ND</sup> YEAR 2<sup>ND</sup> SEMESTER**, **ESWAR COLLEGE OF ENGINEERING**, **NARASARAOPETA, ANDHRA PRADESH**, has successfully completed the internship on “**MACHINE LEARNING APPLICATION ORIENTED PYTHON PROGRAMMING**” which was conducted from **22-MAY-2023 to 17-JUNE-2023**.

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**FAZAL UR RAHMAN**

**MANAGER**



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## NPTEL Online Certification

(Funded by the M.E., Govt. of India)

This certificate is awarded to

**LIKHITHA**

for successfully completing the course

**Data Structure and Algorithms Using Java**

with a consolidated score of **57** %

Online Assignments	15.38/25	Proctored Exam	41.63/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **3896**

**Jul-Oct 2023**

(12 week course)

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



To verify the certificate

Roll No: NPTEL23CS85S743300032

No. of credits recommended: 3 or 4



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## NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

**SRAVANI MANCHALA**

for successfully completing the course

### Data Structure and Algorithms Using Java

with a consolidated score of **46** %

Online Assignments	15.38/25	Proctored Exam	30.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 3896

**Prof. Haimanti Banerji**  
Coordinator, NPTEL  
IIT Kharagpur

Jul-Oct 2023

(12 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS85S743300087

To verify the certificate

No. of credits recommended: 3 or 4



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**Elite**

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**VENKATESWARLU DULLA**

for successfully completing the course

### Big Data Computing

with a consolidated score of **63** %

Online Assignments	10.42/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: 2778

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur



Indian Institute of Technology Kanpur

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Roll No: NPTEL23CS112S643800910

To verify the certificate

No. of credits recommended: 2 or 3



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**Elite**

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**NAGASHAILA VADDE**

for successfully completing the course

### Big Data Computing

with a consolidated score of **73** %

Online Assignments	14.17/25	Proctored Exam	58.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: 2778

*Pathish*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur



Indian Institute of Technology Kanpur

*Satyaki Roy*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



Roll No: NPTEL23CS112S543300763

To verify the certificate

No. of credits recommended: 2 or 3



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Elite

## NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**JYOTHI BANDARU**

for successfully completing the course

### Big Data Computing

with a consolidated score of **69** %

Online Assignments	17.5/25	Proctored Exam	51/75
--------------------	---------	----------------	-------

Total number of candidates certified in this course: **2778**

*Ratishk*

**Prof. B. V. Ratish Kumar**  
Chairman, Centre for Continuing Education  
IIT Kanpur



Indian Institute of Technology Kanpur

**Aug-Oct 2023**  
(8 week course)

*Satyaki Roy*

**Prof. Satyaki Roy**  
NPTEL Coordinator  
IIT Kanpur



To verify the certificate

Roll No: NPTEL23CS112S643300858

No. of credits recommended: 3



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Model in the technical fest and Project development on latest technologies by students where they showcase their skills.



Project models presenting by students in technical fest at foyer



Project expo participating by our students in eswar fest at foyer



Project expo participating by our students in eswar fest at foyer





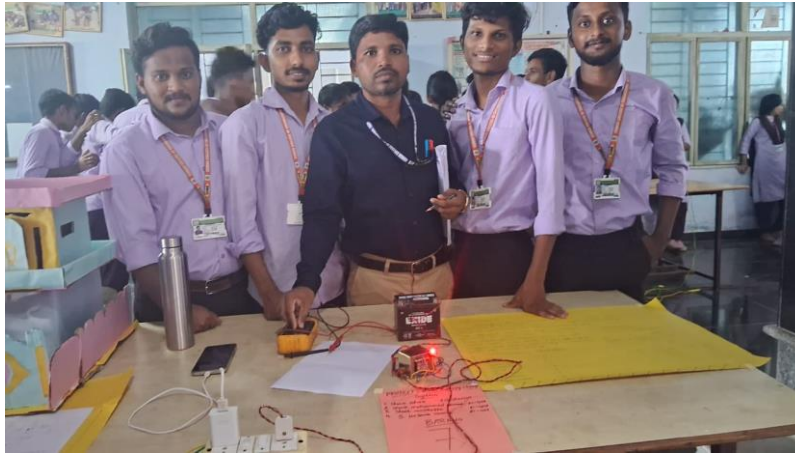
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Project development on latest technologies by students at eswar feyer

**Industrial Visits to engage them in experiential learning while visiting the organization.**



Industrial visit by civil students at nagarjuna tail pond at satrasala



Industrial visit by ECE students at Effectronics at Mangalagiri

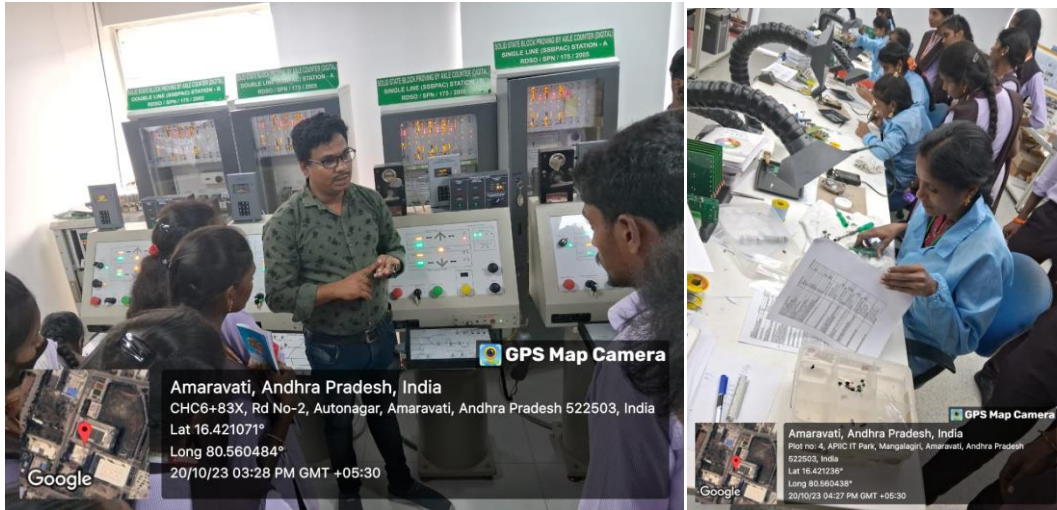


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Industrial visit by ECE students at Effectronics, Mangalagiri



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