

IGNITE 2024



A DAILY NEWSLETTER

Editor in Chief

Dr. Srinivasan Alavandar
Principal, ACT

Editors

Ms N Dhivya, AP - S&H
Ms S Archana AP - EEE
Mr V Kothantapani - EEE II Year

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PLACEMENT NEWS

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CONGRATULATIONS!
Department of
Biomedical Engineering

COUNSELING CODE
1316

For being placed in
LUB DUB MEDICAL
the art of life support

Position: Graduate Engineer Trainee
CTC-2.5 LPA
WE ARE PROUD OF YOU AGNIAN'S

Final Year three students from the department of Biomedical Engineering got placed in **Lub Dub Medical Technologies Pvt Ltd** as Graduate Engineer Trainees with a CTC of 2.5 LPA. Lubdub Medical Technologies is one of the leading manufacturers of medical equipment parts, spares, accessories, consumables, etc. Lubdub has been offering services since 1994 and is on the verge of completing 25 years successfully as a Medical Device Accessories Manufacturer.

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INDUSTRIAL VISIT



The Department of Civil Engineering has organized an industrial visit for the students to **Poondi Reservoir, Thrivallur**, the important water source for Chennai City, to enhance their practical knowledge on 02th April 2024.

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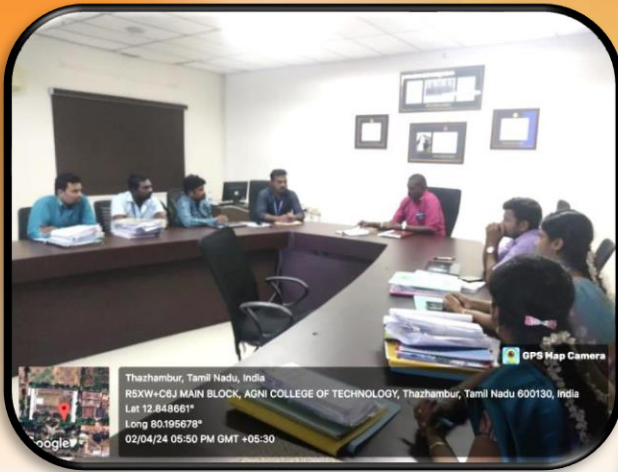
DEPARTMENT REVIEW MEETING



The first department review meeting for even semester of this academic year was conducted for the Department of Information Technology on 1st April 2024. Dr. T.Anand, Dean Academics, has reviewed the overall progress of the department in the presence of Dr. Geerthik S, Associate Professor and Head of the Department, and faculty members.

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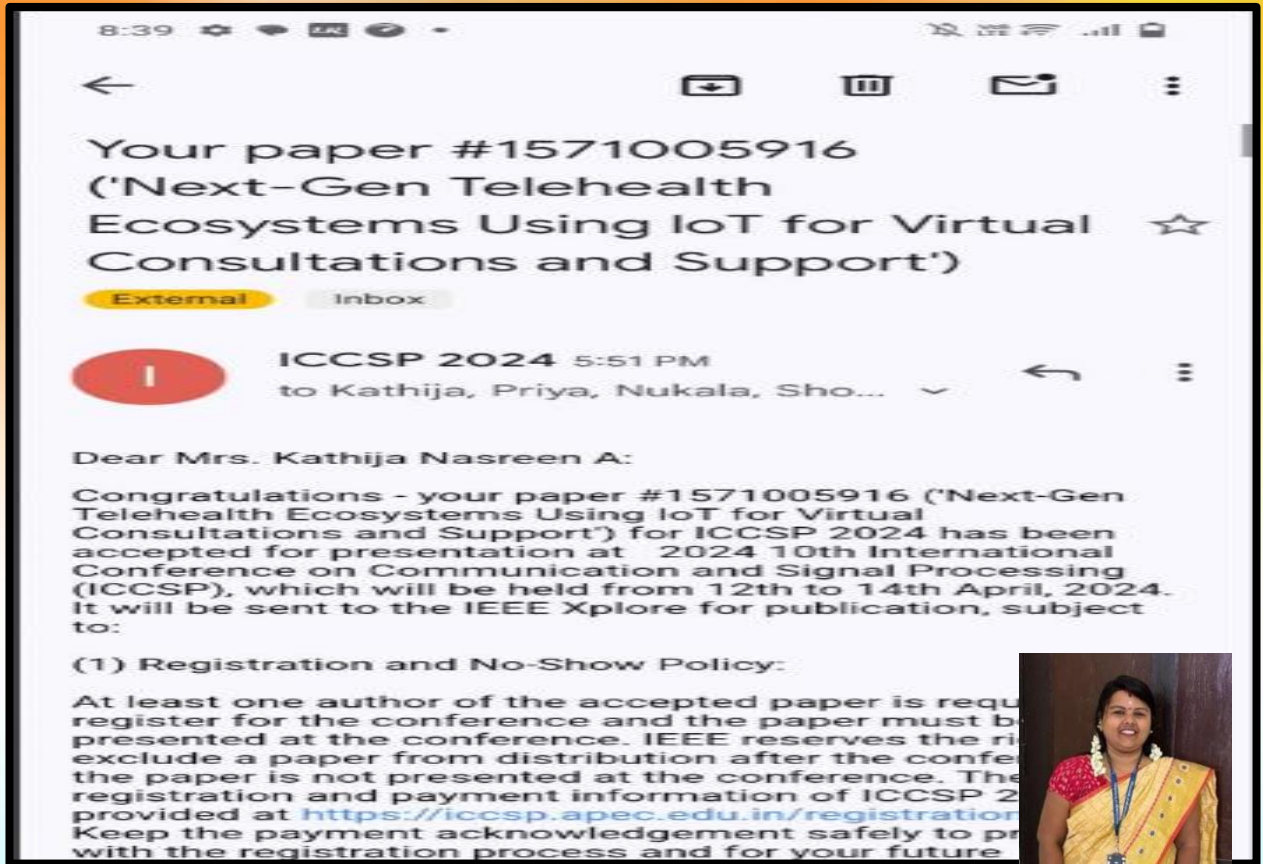
DEPARTMENT REVIEW MEETING -1



The first department review meeting for the even semester of the academic year 2023-2024 was conducted for the Department of Mechatronics Engineering on April 2nd, 2024. **Dr. T. Anand, Dean, Academics**, reviewed the overall progress of the department in the presence of Dr. R. Pandiyarajan, Head of the Department, and faculty members.

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FACULTY ACHIEVEMENT



Dr. ISHWARYA M.V., Associate Professor and Head of the Department of Artificial Intelligence and Data Science has received acceptance mail for a paper titled “NEXT-GEN TELEHEALTH ECOSYSTEMS USING IOT FOR VIRTUAL CONSULTATION AND SUPPORT” in the IEEE International Conference on communication and Signal Processing(ICCSP) on 2nd April , 2024. Indexed by Scopus.

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FACULTY ACHIEVEMENT

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An Intelligent Traffic Signal System for Ambulance Priority Using Internet of Things

PDF

P. Chitra, J. Rajeswari, M. Saminathan, K. Vishnu, N. Vishva, R. Ratheesh

Keywords:

Arduino, ATmega 2560, HC-05 Module, LED, LCD

Abstract

Introduction: Modern metropolitan surroundings face a great deal of traffic congestion, which is made worse by an increasing number of vehicles and a growing population.

Objectives: This proposed study seeks to alleviate this problem by introducing an innovative system that empowers ambulances to interact with traffic signals, accelerating their progress.



Dr. P. Chitra, Dr. J. Rajeswari, and Dr. R. Ratheesh, Assistant Professors, Electronics and Communication Engineering have published student project work titled **“An Intelligent Traffic Signal System for Ambulance Priority Using Internet of Things”** in the Journal of Chemical Health Risks **(Scopus Indexed)** on 03.04.2024

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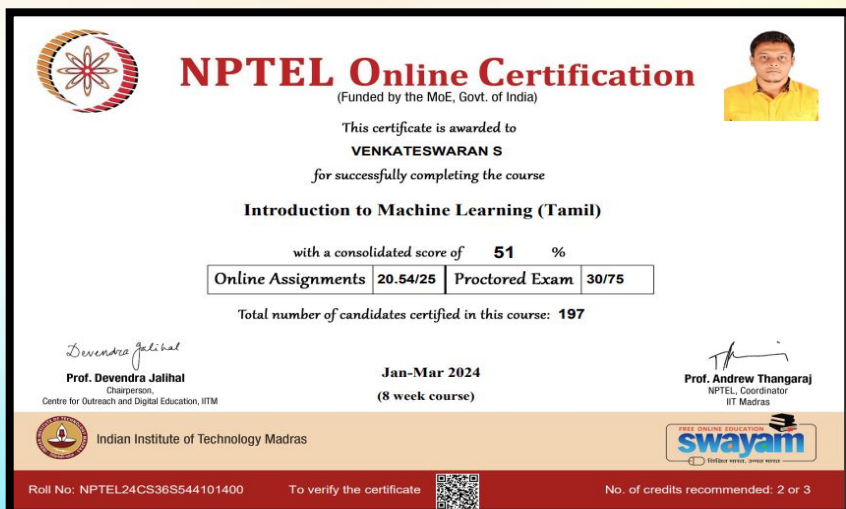
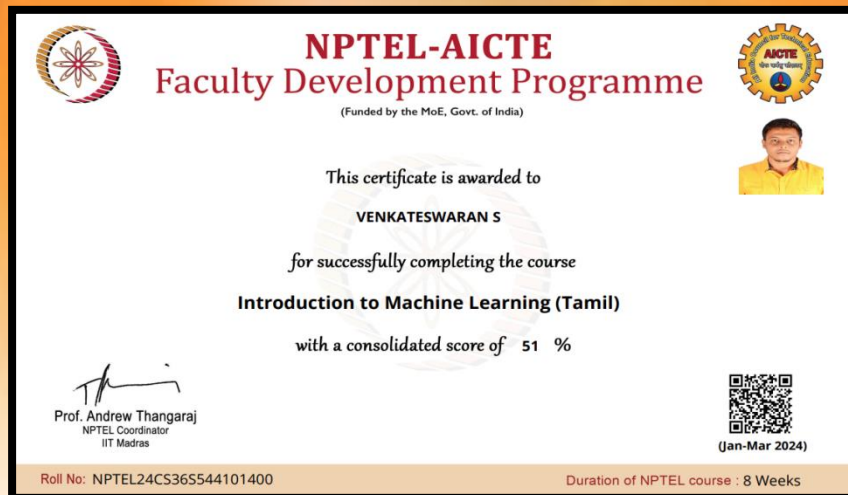
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FACULTY ACHEIVEMENT



Mrs. S. Venkateswaran, Assistant Professor, Department of Civil Engineering, has received a certificate along with FDP in NPTEL examinations on the topic of **Introduction to Machine Learning (Tamil)** conducted in the academic year 2023-24.

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FACULTY ACHIEVEMENT



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
DHANASAKKARAVARTHI B
for successfully completing the course

Inspection and Quality Control in Manufacturing

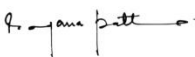
with a consolidated score of **52** %

Online Assignments	21.67/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **950**


Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jan-Feb 2024
(4 week course)


Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL24ME10S644105879

To verify the certificate



No. of credits recommended: 1 or 2

Dr. B. Dhanasakkaravarthi, Assistant Professor,
Department of Mechanical Engineering, has participated
and successfully completed the NPTEL online course titled
“**Inspection and Quality Control in Manufacturing**”
conducted in the month of Jan-Feb 2024

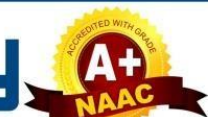
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FACULTY PARTICIPATION



Mrs. Bilna C., Assistant Professor, Department of Biomedical Engineering, has successfully completed a one-week FDP on “ **Model-Based Design Approach in Biomedical Engineering**” from 04th March to 11th March, 2024, organized by the Department of Biomedical Engineering- KSR Institute for Engineering and Technology in association with Mathworks-Infosolutions Pvt. Ltd.

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STUDENT ACHIEVEMENT

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An Intelligent Traffic Signal System for Ambulance Priority Using Internet of Things

PDF

Keywords:

Arduino, ATmega 2560, HC-05 Module, LED, LCD



P. Chitra, J. Rajeswari, M. Saminathan, K. Vishnu, N. Vishva, R. Ratheesh

Abstract

Introduction: Modern metropolitan surroundings face a great deal of traffic congestion, which is made worse by an increasing number of vehicles and a growing population.

Objectives: This proposed study seeks to alleviate this problem by introducing an innovative system that empowers ambulances to interact with traffic signals, accelerating their progress.

M.Saminathan, K. Vishnu, and N. Vishva, III Year Students, Electronics and Communication Engineering, have published their project work titled **“An Intelligent Traffic Signal System for Ambulance Priority Using Internet of Things”** in the Journal of Chemical Health Risks (Scopus Indexed) on 03.04.2024

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STUDENT ACHIEVEMENT



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
ANANDHAN D
for successfully completing the course

Inspection and Quality Control in Manufacturing

with a consolidated score of **62** %

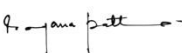
Online Assignments	21.67/25	Proctored Exam	40.5/75
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Total number of candidates certified in this course: **950**



Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jan-Feb 2024
(4 week course)



Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)





Indian Institute of Technology Roorkee



FREE ONLINE EDUCATION
swayam
EVIDENCE BASED, SMART WAY

Roll No: NPTEL24ME10S544100624

To verify the certificate



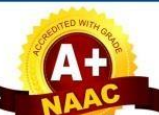
No. of credits recommended: 1 or 2

Anandhan D., IV year, Department of Mechanical Engineering, has been awarded with an **Elite Certificate** for successfully completing the NPTEL online course titled **“Inspection and Quality Control in Manufacturing”** conducted in the month of Jan-Feb 2024.

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STUDENT ACHIEVEMENT



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to
SENATHIPATHI A
for successfully completing the course

Inspection and Quality Control in Manufacturing

with a consolidated score of **70** %

Online Assignments	21.67/25	Proctored Exam	48/75
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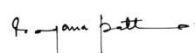
Total number of candidates certified in this course: **950**





Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jan-Feb 2024
(4 week course)



Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



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Roll No: NPTEL24ME10S544101143

To verify the certificate



No. of credits recommended: 1 or 2

Senathipathi A, IV year, Department of Mechanical Engineering, has been awarded with an **Elite Certificate** for successfully completing the NPTEL online course titled **“Inspection and Quality Control in Manufacturing”** conducted in the month of Jan-Feb 2024

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STUDENT ACHIEVEMENT



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MEERA TM

for successfully completing the course

Inspection and Quality Control in Manufacturing

with a consolidated score of **48** %

Online Assignments	18.33/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **950**

Ghosh

Prof. Kaushik Ghosh,
Professor (Chemistry)
Coordinator CEC

Jan-Feb 2024

(4 week course)

Ranjana Pathania

Prof. Ranjana Pathania,
Professor (BSBE)
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL24ME10S644106385

To verify the certificate



No. of credits recommended: 1 or 2

Meera TM, III year, Department of Mechanical Engineering, has participated and successfully completed the NPTEL online course titled **“Inspection and Quality Control in Manufacturing”** conducted in the month of Jan-Feb 2024

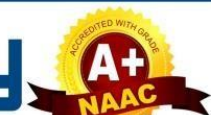
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STUDENT ACHIEVEMENT



Monika S., II Year Student, Department of Information Technology, has completed an online course on “**Front End Development - HTML**” organized by Great Learning Academy in the month of March 2024.

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STUDENT ACHIEVEMENT

CERTIFICATE OF ACHIEVEMENT

This certificate is presented to

Nanthini Priya.R

for successfully completing a Course about

Hands On Machine Learning

Course Start Date: 2024-03-02

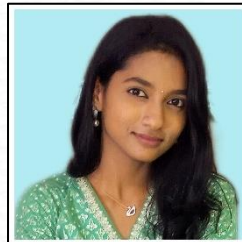
Certified No.

16708181927



2024-03-02
Date

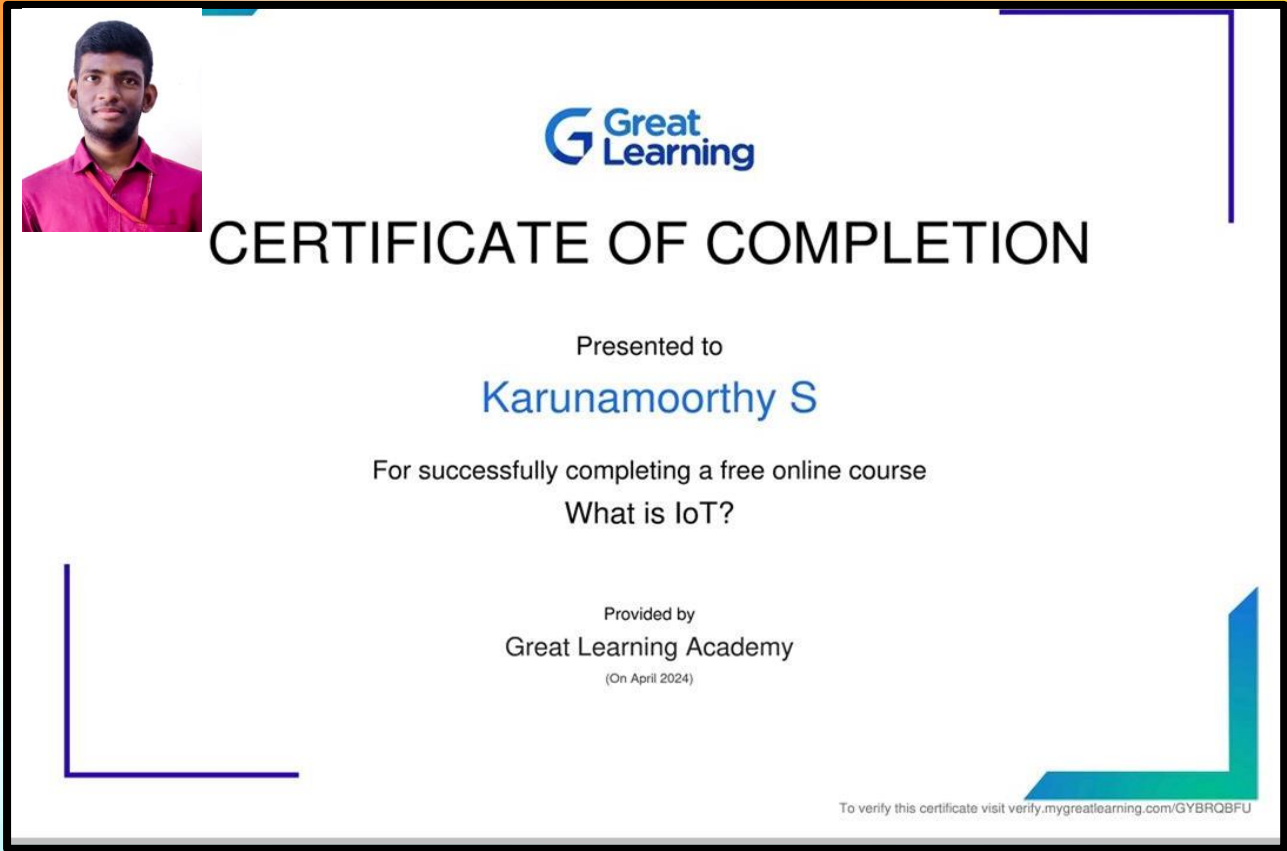
www.mindluster.com



Nanthini Priya R, III Year Student, Department of Information Technology, has completed an online course on **“Hands on Machine Learning”** organized by Mind Luster in the month of March 2024.

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STUDENT PARTICIPATION



Karunamoorthy S, III Year Students, Department of Computer Science and Engineering, have successfully completed an online course “**What is IOT**” provided by Great Learning Academy in April 2024.

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STUDENT PARTICIPATION



Balamanikandan.M., III Year Student, Department of Computer Science and Engineering, has successfully completed an online course “**Data Mining**” provided by Great Learning Academy in April 2024.

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STUDENT PARTICIPATION



Preethi K. and Shanthini R., II Year Students, Department of Computer Science and Engineering, have successfully completed an online course, “Advanced SQL” provided by Great Learning Academy in April 2024.

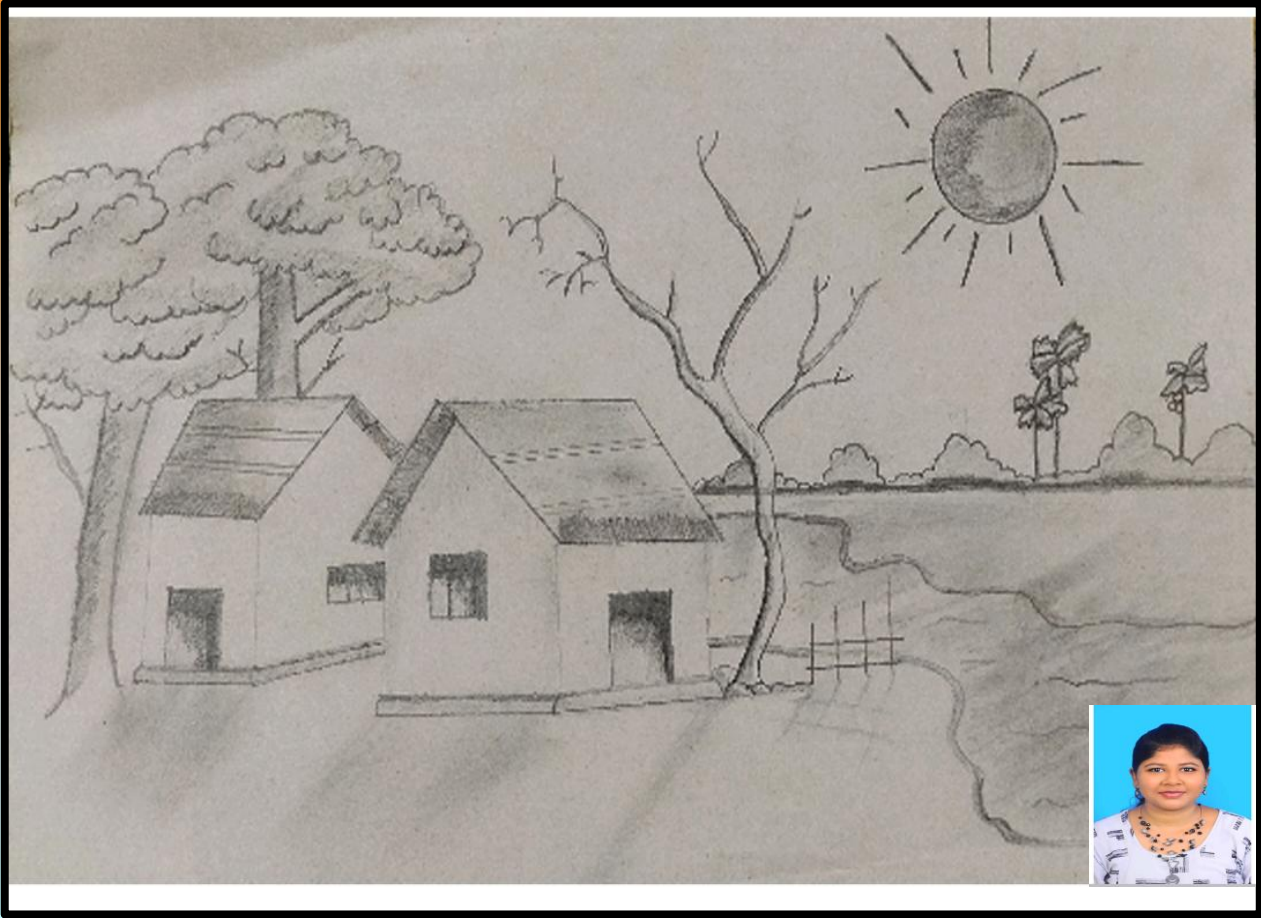
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STUDENT PARTICIPATION



AL Razina Jafeen T, II Year Student, Department of Computer Science and Engineering, has successfully completed an online course “**Introduction to Artificial Intelligence**” provided by Great Learning Academy in April 2024.

STUDENT REPOSITORY



AL Razina Jafeen T, II Year student, Department of Computer Science and Engineering, has created a beautiful pencil sketch.

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