



Event Circular

18/07/2026

We are pleased to announce that the **Department of Mechanical Engineering, JB Institute of Engineering and Technology** is organizing a **5-Day Industry Project-Based Learning Program** on **"Artificial Intelligence, Machine Learning & Rapid Prototyping"** in association with **Hexart.in (by Hexagon)** and **Li2**.

The objective of this program is to introduce students to cutting-edge technologies in Artificial Intelligence, Machine Learning, Data Preprocessing, Model Development, and Product Prototyping. The program is designed to bridge the gap between academic curriculum and real-world industrial practices through hands-on workshops and project-based learning.

Event Details:

- **Dates:** 20th July 2026 to 24th July 2026
- **Time:** 10:00 AM – 4:00 PM
- **Venue:** MNR Auditorium / Data Science & 3D Printing Lab, Department of Mechanical Engineering, JBIET

Resource Person:

- **Mr. Owais Hussain**, Program Head (Li2, Hexart.in) & Data Scientist

HOD-ME



Schedule

Workshop Title: "5-Day Industry Project-Based Learning Program"

Date: 20th July 2026 to 24th July 2026

Venue: Department of Mechanical Engineering, JBIET

Time: 10:00 AM – 4:00 PM

Day 1 – 20/07/2026 (Monday)

Time	Session Details
10:00 AM – 11:00 AM	Inauguration Ceremony & Welcome Address
11:00 AM – 12:30 PM	Program Orientation – Introduction to Hexart.in, AI Foundation & Advanced Certifications
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 03:00 PM	Portal Onboarding & On-boarding Roadmap Briefing
03:00 PM – 04:00 PM	Keynote Session: Industry Opportunities in AI & Machine Learning by Mr. Owais Hussain

Day 2 – 21/07/2026 (Tuesday)

Time	Session Details
10:00 AM – 11:30 AM	Certification Phase – AI Foundations Module Overview
11:30 AM – 12:30 PM	Hands-on Portal Training & Data Preprocessing Techniques
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 03:00 PM	Feature Engineering & Data Cleaning Fundamentals
03:00 PM – 04:00 PM	Interactive Session & Daily Knowledge Assessment

Day 3 – 22/07/2026 (Wednesday)

Time	Session Details
10:00 AM – 11:30 AM	Machine Learning Development Workshop – Model Building & Training
11:30 AM – 12:30 PM	Algorithm Selection & Supervised Learning Techniques
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 03:00 PM	Model Evaluation, Testing Metrics, and Tuning
03:00 PM – 04:00 PM	Deployment Fundamentals & Real-Time Case Studies

Day 4 – 23/07/2026 (Thursday)

Time	Session Details
10:00 AM – 11:30 AM	Ideathon – Problem Identification & Domain Selection
11:30 AM – 12:30 PM	Team Formation, Solution Design & Architecture
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 03:00 PM	Prototype Mentoring & Product Development Planning
03:00 PM – 04:00 PM	Pitching Session & Solution Proposal Review

Day 5 – 24/07/2026 (Friday)

Time	Session Details
10:00 AM – 11:30 AM	Innovation Cohort Evaluation & Minimum Viable Product (MVP) Review
11:30 AM – 12:30 PM	Technical Assessment of Student Ideas & Scalability Analysis
12:30 PM – 01:30 PM	Lunch Break
01:30 PM – 03:00 PM	Student Project Demonstrations & Feedback Session
03:00 PM – 04:00 PM	Valedictory Ceremony, Certificate Distribution & Vote of Thanks

Event Banner



JB INSTITUTE OF ENGINEERING & TECHNOLOGY

UGC Autonomous

Accredited by NAAC & NBA, Approved by AICTE & Permanently Affiliated to JNTUH

WELCOME

HEXART.IN ORIENTATION PROGRAM



Resource Person:

Owais Hussain

Li2, Hexart, Program Head

Data Scientist

DATE:

Monday, 20th July, 2026

TIME:

11:00 AM

VENUE:

MNR Auditorium, JBIET

Organised by: DEPARTMENT OF MECHANICAL ENGINEERING, JBIET | www.jbiet.edu.in



STRIVE FOR EXCELLENCE

Resource Persons Profile

MR. OWAIS HUSSAIN:

Mr. Owais Hussain is a Data Scientist and the **Program / Center Head at Hexart.in** (an initiative backed by **Li2 Edu** and sponsored by **Hexagon**, a global leader in digital reality solutions). He specializes in Artificial Intelligence (AI) education, data science, and managing industry-academic innovation programs.

Key Roles & Responsibilities:

- **Program Head / Center Head (Hexart.in & Li2 Edu):** Oversees AI curriculum delivery, innovation hubs, student technology clubs, and practical skill-building initiatives designed to prepare students for tech careers.
- **Academic & Industry Collaborations:** Leads strategic partnerships and MoUs with major educational institutions (such as CMR Group of Institutions, CBIT, GNITS, MVJ College of Engineering, and others) to drive AI literacy, internships, and placement training programs.
- **Data Scientist & Technical Mentor:** Mentors engineering students, faculty, and research cohorts in applying Machine Learning, Deep Learning, and Data Analytics to real-world problem statements (e.g., smart mobility, healthcare AI, and accessibility tech).

Domain Expertise & Focus Areas:

- **Artificial Intelligence & Machine Learning:** Applied AI, data-driven modeling, and bridging theoretical concepts with industry-aligned tools.
- **Skill Development & Experiential Learning:** Architecting hands-on internship cohorts, hackathons, and project-based learning paths for young innovators.
- **Emerging Technologies:** Facilitating practical student initiatives around computer vision, offline NLP/chatbots, smart cities, and AI in healthcare/agriculture.

Event Report: “5-Days Bootcamp on Additive Manufacturing / 3D Printing”

Event Title: 5-Day Industry Project-Based Learning Program

Dates: 20th July to 24th July 2026

Venue: MNR Auditorium & Computer/Lab Infrastructure, JBIET

Organized by: Department of Mechanical Engineering

In Association with: Hexart.in by Hexagon & Li2

Resource Persons:

- Mr. Owais Hussain, Program Head (Li2, Hexart.in) & Data Scientist

Students Attended: 112 students

Introduction

The Department of Mechanical Engineering at JB Institute of Engineering and Technology organized a **5-Day Industry Project-Based Learning Program** from 20th July to 24th July 2026 in association with Hexart.in (by Hexagon). The program aimed to equip engineering students with foundational and practical expertise in Artificial Intelligence, Machine Learning, Data Analytics, and Rapid Prototyping through intensive interactive workshops and ideation sessions.

Objectives

- To introduce students to Hexart.in and industry-standard AI/ML practices.
- To provide hands-on experience in machine learning development, data preprocessing, and model evaluation.
- To facilitate team formation, problem identification, and solution design through an Ideathon format.
- To guide students through prototype conceptualization and solution architecture.
- To evaluate innovative project ideas for further development and industry deployment.

Schedule Overview

Day 1: Orientation & Industry Overview:

The program kicked off at MNR Auditorium with an inauguration ceremony. Mr. Owais Hussain introduced students to the Hexart learning portal, program roadmap, and the growing career scope of AI and Machine Learning across modern industries.

Day 2: AI Foundation & Data Preprocessing:

The second day focused on core data engineering skills. Participants received hands-on training in data cleaning, preprocessing techniques, and feature selection required for training reliable Machine Learning models.

Day 3: Machine Learning Development Workshop:

Day 3 delivered practical exposure to building, training, and testing machine learning models. Key topics covered included algorithm selection, model evaluation metrics, and basic deployment frameworks.

Day 4: Ideathon & Project Design:

Students formed teams to identify real-world problems and design solution architectures. Mentors provided feedback on feasibility, technical scope, and prototype planning.

Day 5: Prototype Evaluation & Valedictory:

The final day featured project pitch presentations and technical evaluations of the proposed solutions. The program concluded with an interactive Q&A session, certificate distribution, and the valedictory ceremony.

Outcomes:

- Practical knowledge of Artificial Intelligence and Machine Learning pipelines.
- Enhanced skills in data preprocessing, model selection, and performance evaluation.
- Experience in problem-solving, product design, and pitch presentation through the Ideathon.
- Exposure to industrial workflows and direct interaction with industry experts.

Participant Feedback:

Feedback gathered from the students highlighted:

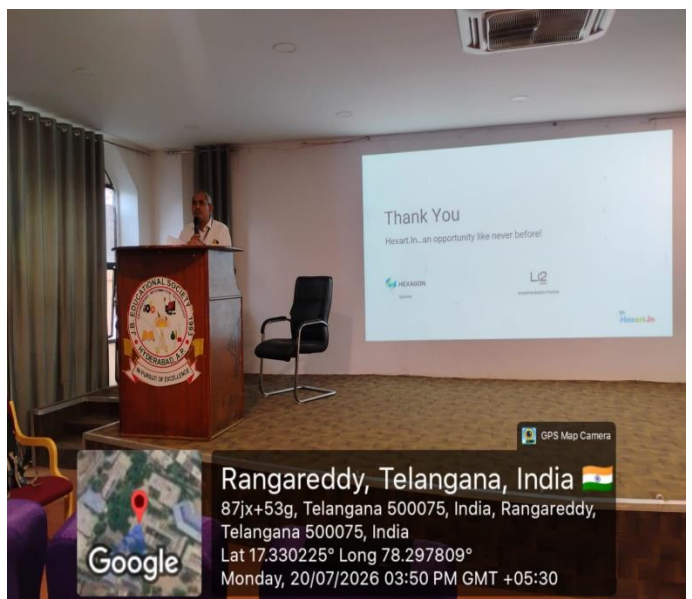
- High appreciation for the practical, hands-on methodology of the workshop.
- Enhanced clarity on how AI/ML applies to multidisciplinary engineering domains.
- Value gained from the mentorship received during the project ideation sessions.
- Request for more industry-partnered bootcamps in future academic semesters.

Vote of Thanks:

Dr. Anoop Kumar, Head of the Department of Mechanical Engineering, extended his heartfelt gratitude to the resource person, **Mr. Owais Hussain** (Program Head, Li2 / Hexart.in), for delivering an inspiring and content-rich 5-day program.

He expressed sincere gratitude to the Chief Patron, **Shri. J. V. Krishna Rao** (Secretary, JBES), and Patrons **Prof. Sanjay Chintakindi** (Director, JBES) and **Dr. P. C. Krishnamachary** (Principal, JBIET), for their constant encouragement and institutional support.

Event Photos



Attendance Sheet:



J.B. INSTITUTE OF INVENTORS ASSOCIATION INDIA

Bhaskar Nagar, Moinabad Mandal, Hyderabad, Telangana 500075

Website: <https://www.jbiiai.org.in>

F.No. JBIIAI/01/2026-27

Date: 20/07/2026

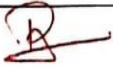
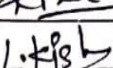
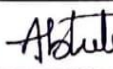
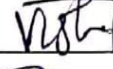
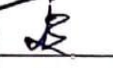
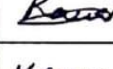
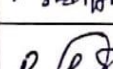
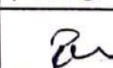
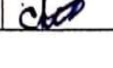
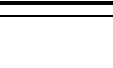
**Orientation Program
Hexart.in by Hexagon**

Attendance Sheet

S.N	Roll number	Name of the Participant	Phone Number	College/Branch	Year/Sem	Signature
1	83671A0301	J. Naga Raju	8074606267	JBET/ME	III/II	[Signature]
2	23671A0301	G. Chandra Shekhar	9398654803	JBET/ME	IV/I	[Signature]
3	24675A0302	H. Rakesh	9347548058	JBET/ME	IV/I	[Signature]
4	24675A0314	K. Chandra Kiran	9892856299	JBET/ME	IV/I	[Signature]
5	24675A0312	L. Kishan	9502326030	JBET/ME	IV/I	[Signature]
6	24675A0305	G. Abhilash	7702322141	JBET/ME	IV/I	[Signature]
7	24675A0307	V. Vishal	7989161032	JBET/ME	IV/I	[Signature]
8	24675A0313	B. Abhinav Goud	7995432830	JBET/ME	IV/I	[Signature]
9	24671A0311	S. Ramesh	9491010143	JBET/ME	III/I	[Signature]
10	25675A0305	P. Vishnu	9346217205	JBET/ME	III/I	[Signature]
11	25675A0308	P. Rajesh Kumar	9121225739	JBET/ME	III/I	[Signature]
12	25675A0305	Sai. Pawan	8328290927	JBET/ME	III/I	[Signature]
13	25675A0304	Rizwan Shafiq	8332943827	JBET/ME	III/I	[Signature]
14	25675A0306	Kongan Srinani	9391248643	JBET/ME	III/I	[Signature]
15	25675A0302	P. Ranjith	8309857093	JBET/ME	III/I	[Signature]
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S.N	Roll number	Name of the Participant	Phone Number	College/Branch	Year/Sem	Signature
1	23571A0301	J. Naga Raju	8074600287	JBET/ME	III/II	
2	23671A0301	G. Chandra shekhav	9398654803	JBET/ME	IV/I	
3	24675A0302	K. Rakesh	9347548888	JBET/ME	IV/I	
4	24675A0314	K. Chandra Kiran	9392856299	JBET/ME	IV/I	
5	24675A0312	L. Kishan	9502326030	JBET/ME	IV/I	
6	24675A0305	G. Abhilash	7702322141	JBET/ME	IV/I	
7	24675A0307	V. Vishay	7889161032	JBET/ME	IV/I	
8	24675A0313	B. Abhinav goud	7995432830	JBET/ME	IV/I	
9	24671A0311	S. Bhargava	9491010143	JBET/ME	III/I	
10	25675A0305	P. Vishnu	9346217205	JBET/ME	IV/I	
11	25675A0308	P. Rajashekar Reddy	9121005739	"	III/II	
12	25675A0304	Rizwan Shieeq	8332943827	"	"	
13	25675A0303	Sai Pawan	8328290947	"	"	
14	25675A0306	Kongari Srihari	9391248643	"	"	
15	25675A0302	P. Kanjith	8309857093	"	"	
16	24671A0312	P. Devanth	6305752136	"	"	
17	25675A0301	E. Shavathi Chandra	9440534818	"	"	
18	24671A0305	G. chander	8008648675	"	"	
19	24671A0302	T. Karay	9508914405	"	"	
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S.N	Roll number	Name of the Participant	Phone Number	College/Branch	Year/Sem	Signature
1	24671A0201	B. Shiva	9014386623	JBLET/EEE	III rd /I st	
2	24671A0202	G. Ganesh	8008219628	"	"	
3	24671A0202	CH. Akshith Kumar	9059137759	JBLET/EEE	II nd /I st	
4	25675A0215	K. Vinay	9014584453	JBLET/EEE	III rd /I st	
5	24671A0206	H. Hasei Krishna	9063347843	"	"	
6	25675A0202	Kamre. Nikhil	9347699146	"	"	
7	25675A0212	N. Yashwanth Kumar	8328089101	"	"	
8	25675A0201	K. Sathvik	8919529129	"	"	
9	25675A0216	E. Mukunda Boud	9100682053	"	"	
10	25675A0208	B. Mallikarjun	9701853216	"	"	
11	25675A0207	R. Vamsi Krishna	8712136581	"	"	
12	25675A0213	G. Siddhartha	8143883906	"	"	
13	25675A0204	S. Shiva Chaitanya	6281810289	"	"	
14	24671A0213	Mohd Amroanuddin	8019812201	"	"	
15	25675A0214	Adil	8014812201	"	"	
16	24671A0204	Abdul Kattimpur	6304987838	"	"	
17	25671A6605	Abdul Raheem	9000383078	JBLET/CSM	II nd	
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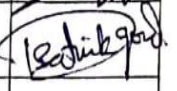
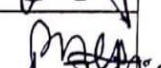
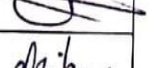
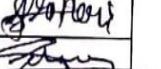
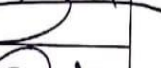
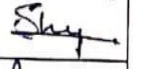
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S.N	Roll number	Name of the Participant	Phone Number	College/Branch	Year/Sem	Signature
1	24671A6615	Darapu. Vinay	9390936092	JBLET/CSM	III/I	D. Vinay
2	24671A6632	K. Sai Kumar	7702627991	JBLET/CSM	III/I	K. Sai Kumar
3	24671A6634	Abhishek	7710317829	JBLET/CSM	III/I	Abhishek
4	24671A6651	Ravi Teja	9652558023	JBLET/CSM	III/I	Raviteja
5	24671A6619	Gade. Hansika	9398217203	JBLET/CSM	III/I	G. Hansika
6	24671A6644	N. Sai Sroothitha	8309371405	JBLET/CSM	III/I	N. Sai Sroothitha
7	24671A6624	G. Deepika	9849348882	JBLET/CSM	III/I	G. Deepika
8	24671A6662	T. Hasini	6309656583	JBLET/CSM	III/I	T. Hasini
9	24671A6627	J. Vandhana Rao	7842179620	JBLET/CSM	III/I	Vandhana
10	24671A6631	K. Sneetha	8519847234	JBLET/CSM	III/I	Sneetha
11	24671A6645	N. Yogitha	8121004220	JBLET/CSM	III/I	N. Yogitha
12	24671A6629	K. Rajya Lalitha	6281021364	JBLET/CSM	III/I	Rajya
13	24671A6662	U. Anandha Varshini	9347374641	JBLET/CSM	III/I	U. Anandha Varshini
14	24671A05H5	N. Maheshwari	9133592543	JBLET/CSE	III/I	N. Maheshwari
15	24671A05I3	S. Suma	7416176713	JBLET/CSE	III/I	S. Suma
16	24671A05H7	Niya Angelina G.	8977635335	JBLET/CSE	III/I	Niya Angelina G.
17	24671A6668	Sreenidhi	8985490596	JBLET/CSM	III/I	Sreenidhi
18	24671A6690	Sharanya	8106895216	JBLET/CSM	III/I	Sharanya
19	24671A6671	Vasavi	9398711748	JBLET/CSM	III/I	Vasavi
20	24671A6695	Simyana	7781141699	JBLET/CSM	III/I	Simyana

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S.N	Roll number	Name of the Participant	Phone Number	College/Branch	Year/Sem	Signature
1	24671A0310	S. Vinay	9666439934	JBLET/Mech	IV/II	
2	25671A0305	D. Sathvik	8019175838	JBLET/Mech	II/I	
3	25671A0310	K. Mighty	9391177312	JBLET/Mech	II/I	
4	25671A0309	K. Bajrang	8688713629	JBLET/Mech	II/I	
5	25671A0319	T. Charan	73370 79932	JBLET/Mech	II/I	
6	25671A0312	M. Manikanta	939186 4255	JBLET/Mech	II/I	
7	25671A0315	P. Bhanu	7981943820	JBLET/Mech	II/I	
8	25671A0314	P. Sai Charan	9652134672	JBLET/Mech	II/I	
9	25671A0308	G. Komshiyadav	8154913096	JBLET/Mech	II/I	
10	LE	P. Sriharshi	6300779920	JBLET/Mech	II/I	
11	25671A0308	K. Eshwar	8639634492	JBLET/Mech	II/I	
12	25671A0311	L. Ganesh	9398460275	JBLET/Mech	II/I	
13	25671A0321	T. Shaleem Raju	9052276643	JBLET/Mech	II/I	
14	24671A6620	G. Pershit	8555063680	JBLET/CSM	III/I	
15	24671A6622	G. Sai Prasar	7280251254	JBLET/CSM	III/I	
16	24671A6649	P. Manikanth	7013648210	JBLET/CSM	III/I	
17	24671A6651	P. Rishi Kumar	8374608633	JBLET/CSM	III/I	
18	24671A6608	B. Shrutesh	9553856042	JBLET/CSM	III/I	
19	24671A6628	T. Abhinav	9885234940	JBLET/CSM	III/I	
20	24671A6609	B. Varshith	9704172280	JBLET/CSM	III/I	

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1	25675A0501	Anusha	824958196	JBIET/CSM-B	III/I	Anusha
2	25675A0502	Sadaf Naaz	6301344089	JBIET/CSM-B	III/I	Sadaf
3	24671A0508	B. Abhinaya	8466924555	JBIET/CSE-C	III/I	Abhi
4	24671A0508	Ch. Suhitha	6301925991	JBIET/CSE-C	III/I	Suhitha
5	25675A0512	S. Sangeetha	9392325857	JBIET/CSE-C	III/I	Sangeetha
6	24671A0511	U. Shirisha	6305110817	JBIET/CSE-C	III/I	Shirisha
7	24671A1280	R. Rashmita	8639928516	JBIET/IT-B	III/I	Rashmita
8	24671A1266	A. Sowjanya	8688193347	JBIET/IT-B	III/I	Sowjanya
9	24671A0503	B. Vaishnavi	9392557371	JBIET/CSE-C	III/I	Vaishnavi
10	24671A0517	S. Sravani	9059929892	JBIET/CSE-C	III/I	Sravani
11	24671A0516	E. Shailaja	9550813712	JBIET/CSE-C	III/I	Shailaja
12	24671A0560	J. Thirishala	9989727511	JBIET/CSE-C	III/I	Thirishala
13	24671A0501	Benda Sathwik	9849918114	JBIET/CSE-C	III/I	Sathwik
14	25675A0511	A. Sravanthi	9347465722	JBIET/CSE-C	III/I	Sravanthi
15	24671A0208	H. Neha	8074473726	JBIET/EEE	III/I	Neha
16	24671A0216	N. Siri	9866669310	JBIET/EEE	III/I	N.Siri
17	24671A0218	V. Manogna	9346689409	JBIET/EEE	III/I	Manogna
18	25675A0206	P. Pravalika	7396552994	JBIET/EEE	III/I	Pravalika
19	25675A0203	V. Sindhu	8916602576	JBIET/EEE	III/I	Sindhu
20	25675A0210	M. Geetha	7330803235	JBIET/EEE	III/I	Geetha

