



ADITYA COLLEGE OF ENGINEERING:: MADANAPALLE

Punganur Road, Valaspalle (Post), Annamayya (Dist) - 517325.
(Approved by AICTE New Delhi, Affiliated to JNTUA & ISO 9001:2015 Certified Institution)
(An Autonomous Institution)



CIRCULAR

Ref. No.: ACEM/R&D-IIC/2026-27

Date: 14.08.2026

TECH TALK ON "INNOVATIVE PROJECTS"

A Knowledge-Sharing Session

This is to inform all the concerned students and Faculty Coordinators that Aditya College of Engineering, Madanapalle, is organizing a five-day Tech Talk on "Innovative Projects" as a knowledge-sharing and project-development initiative.

The programme is intended to encourage III B.Tech students to identify innovative ideas, develop practical and socially relevant projects, strengthen problem-solving skills, by IV B.Tech MSME Trained students.

Programme Details:

Programme	Tech Talk on "Innovative Projects" A Knowledge-Sharing Session
Date	18.08.2026 to 22.08.2026 (Five Days)
Venue	Seminar Hall
Organized by	Research & Development (R&D) Cell & Institution's Innovation Council (IIC)
Conveners	Dr. P. Gangadhara Reddy R&D Convener Dr. K. Sai Venu Pratap IIC Convener
Presenters	IV B.Tech MSME RAMP 20 Days programme trained Students/Teams
Target Audience	III B.Tech Students

Key Focus Areas:

- Generating and validating innovative project ideas.
- Converting ideas into practical prototypes and working models.
- Applying emerging technologies to real-world problems.
- Encouraging interdisciplinary collaboration, innovation and entrepreneurship.

All concerned students are encouraged to attend the sessions actively and make effective use of the guidance provided for developing innovative and impactful projects. Faculty Coordinators are requested to motivate and facilitate student participation.


PRINCIPAL

Aditya College of Engineering
Madanapalle - 517325

ADITYA COLLEGE OF ENGINEERING:: MADANAPALLE

Punganur Road, Valaspalle (Post), Annamayya (Dist) - 517325.

(Approved by AICTE New Delhi, Affiliated to JNTUA & ISO 9001:2015 Certified Institution)

(An Autonomous Institution)

Team No	Team Name	Roll No	Name	Department	Stack	Role	Signature
1	Team 01	238P1A3050	S Sannu Arshi	AI & DS	Python	Team Lead	S. Sannu Arshi
		238P1A3128	V Meenhaz	CSE (AI)	New Inliner	Member	V. Meenhaz
		248P5A0403	BHAVANI S	ECE	Java	Member	S. Bhavani
2	Team 02	238P1A3140	C. Nanda Kishore	CSE (AI)	Java	Team Lead	C. Nanda Kishore
		238P1A0425	M GRISHMA	ECE	Java	Member	M. GRISHMA
		238P1A3060	P Vamshi	AI & DS	Java	Member	Vamshi
		238P1A0564	Malin S	CSE	Java	Member	Malin S
						Member	
3	Team 03	238P1A3114	P. Hemanth	CSE (AI)	python	Team Lead	P. Hemanth
		248P5A0411	Shanmukha	ECE	JAVA	Member	Shanmukha
		238P1A04B5	K. Tejavardhan reddy	ECE	JAVA	Member	K. Tejavardhan
4	Team 04	238P1A3125	G. Manil kumar	CSE (AI)	Java	Team Lead	G. Manil kumar
		238P1A0471	A PRIYA DARSHINI	ECE	Java	Member	Priya A
		238P1A0498	N SNEHALATHA	ECE	Python	Member	Snehalatha
						Member	
5	Team 05	238P1A3017	J Hema Varshini	AI & DS	Java	Team Lead	Hema J.
		248P5A3003	C Jeshnavi	AI & DS	Java	Member	C. Jeshnavi
		248P5A0406	INDUJA G	ECE	Python	Member	Gr Induja
		238P1A0509	Aswini B	CSE	Python	Member	B Aswini
						Member	
6	Team 06	238P1A3043	P Rayan Khan	AI & DS	Python	Team Lead	P. Rayan
		238P1A0496	G SIREESHA	ECE	Java	Member	G Sireesha
		238P1A0565	Mani Keerthana P	CSE	Python	Member	Mani Keerthana
						Member	
7	Team 07	238P1A3152	Varada saisanjeev	CSE (AI)	Python	Team Lead	Saishanjeev
		238P1A04A8	B SUMANTH REDDY	ECE	Python	Member	B. Sumanth Reddy
		238P1A0578	Nikhitha Sree V	CSE	Java	Member	V. Nikitha Sree
						Member	
8	Team 08	238P1A0445	V AKSHMIKANTH	ECE	Java	Team Lead	V. Lakshmi Kanth
		238P1A3119	G. jaya sindhu	CSE (AI)	Java	Member	G. jaya sindhu
		238P1A0579	Nikhitha Sai V	CSE	Python	Member	Nikhitha Sai V
		238P1A05C4	Venkata Reddy E	CSE	Java	Member	E. Venkata Reddy

						Member	
10	Team 10	238P1A0497	L SIVANI	ECE	Python	Team Lead	L. Sivani
		238P1A0485	G SAI SFSANDHER	ECE	Python	Member	G. Sai Resaether
		238P1A0590	Reddi Latha B	CSE	Python	Member	Reddi Latha
		238P1A0531	D Haritha	CSE	Python	Member	D. Haritha
11	Team 11	238P1A0583	Praneetha G	CSE	Python	Team Lead	G. praneetha
		238P1A0451	B MAHESH	ECE	Python	Member	B. mahesh
						Member	
		238P1A05B2	Sumiya Kousar S	CSE	Python	Member	Sumiya
12	Team 12					Member	
		238P1A0598	Sai Poojitha C	CSE	Python	Team Lead	S. Sai poojitha
		238P1A0582	Poojitha P	CSE	Java	Member	P. Poojitha
		238P1A0595	S.Safiya Anjum	CSE	New Ininer	Member	S. Safiya Anjum
		238P1A05A3	S.Sameera	CSE	New Ininer	Member	S. Sameera
13	Team 13					Member	
		238P1A05A5	Saniya S	CSE	Python	Team Lead	S. Saniya
		238P1A05B3	Syed. Sumiya	CSE	New Ininer	Member	Sumiya
		238P1A0525	Gayathri C.M	CSE	New Ininer	Member	Gayathri C.M
14	Team 14					Member	
		248P5A0507	Vaishnavi N	CSE	Python	Team Lead	Vaishnavi N.
		238P1A3111	G.Gayathri	CSE (AI)	Python	Member	G. Gayathri
		238P1A0466	C NANDINI	ECE	Python	Member	C. Nandini
		238P1A05C9	M.Yoshitha	CSE	Java	Member	M. Yoshitha
						Member	

Dr. K. Sai Venu Pratap
Convener

IIC

Dr. P. Gangadhara Reddy
Convener

R&D



ADITYA COLLEGE OF ENGINEERING:: MADANAPALLE

Punganur Road, Valaspalle (Post), Annamayya (Dist) - 517325.

(Approved by AICTE New Delhi, Affiliated to JNTUA & ISO 9001:2015 Certified Institution)



FIVE-DAY REPORT TECH TALK PROGRAMME ON "INNOVATIVE PROJECTS"

Programme Name:	Tech Talk on "Innovative Projects"-A Knowledge Sharing Session
Dates of Event:	August 18, 2026 – August 22, 2026 (5 Days)
Organized By:	Research & Development (R&D) Cell in association with Institution's Innovation Council (IIC)
Programme Conveners:	Dr. P. Gangadhara Reddy (R&D Convener) Dr. K. Sai Venu Pratap (IIC Convener)
Target Audience & Resource Persons:	Target Audience: III B.Tech Students (ECE, CSE, AI&DS, CSE-AI) Resource Persons: IV B.Tech MSME RAMP 20-Day Program Trained Students

1. Executive Overview

The Research & Development (R&D) Cell, in formal collaboration with the Institution's Innovation Council (IIC) at Aditya College of Engineering, Madanapalle, organized an intensive five-day Tech Talk Programme on "Innovative Projects" from August 18, 2026, to August 22, 2026. Designed as a structured peer-to-peer knowledge-sharing platform, the initiative engaged senior IV B.Tech students—who had previously completed a rigorous 20-Day MSME RAMP Training Programme—to train, mentor, and guide III B.Tech students.

The programme's primary objectives were centered around identifying scalable project ideas, converting theoretical concept frameworks into functional prototypes, applying cutting-edge technologies (IoT, Microservices, AI, NLP) to real-world challenges, and promoting interdisciplinary problem-solving and technical entrepreneurship among undergraduate engineering scholars.

2. Day-Wise Detailed Event Schedule & Coverage

Day 1: Tuesday, August 18, 2026

Target Branch & Venue:	ECE-A & Room No. 114 Time: 4:00 PM – 5:00 PM
Presenting Teams & Projects:	• Team-8: Doctor Appointment & Clinic Management System • Team-4: Smart Parking & Slot Booking System
Technical Keynotes:	The session focused on health-tech digitization and smart city urban infrastructure. Team-8 presented a complete workflow for doctor availability and clinic slot automation. Team-4 demonstrated hardware-to-cloud IoT data integration for dynamic vehicle parking slot management.
Target Branch & Venue:	ECE-B & Room No. 405 Time: 4:00 PM – 5:00 PM



ADITYA COLLEGE OF ENGINEERING:: MADANAPALLE

Punganur Road, Valaspalle (Post), Annamayya (Dist) - 517325.

(Approved by AICTE New Delhi, Affiliated to JNTUA & ISO 9001:2015 Certified Institution)



Presenting Teams & Projects:	• Team-1: Restaurant Table Booking System • Team-10: Smart Property Rental Platform
Technical Keynotes:	In Seminar Hall 405, presenters detailed database architecture and web services for reservation management systems. Team-1 discussed backend reservation algorithms, while Team-10 demonstrated tenant-landlord contract management and listing systems.

Day 2: Thursday, August 20, 2026

Target Branch & Venue:	ECE-C & Room No. 405 Time: 12:05 PM – 1:00 PM
Presenting Teams & Projects:	• Team-3: AI Legal Contract Intelligence • Team-13: StyleSwap - Rental Platform
Technical Keynotes:	Focusing on Natural Language Processing (NLP) and modern commercial rental solutions, Team-3 demonstrated automated legal clause identification and contract risk scoring, followed by Team-13's session on peer-to-peer inventory exchange platforms.
Target Branch & Venue:	CSE-B & Room No. 405 Time: 2:50 PM – 3:50 PM
Presenting Teams & Projects:	• Team-3: AI Legal Contract Intelligence • Team-4: Smart Parking & Slot Booking System
Technical Keynotes:	CSE-B students engaged in technical discussions covering practical AI model deployment pipelines, microservices architecture, and real-time hardware telemetry.

Day 3: Friday, August 21, 2026

Target Branch & Venue:	CSE-A & Room No. 215 Time: 2:50 PM – 3:50 PM
Presenting Teams & Projects:	• Team-1: Restaurant Table Booking System • Team-2: Design and Development of a Smart Coaching Institute Management System (CIMS) for Digital Academic and Administrative Automation
Technical Keynotes:	Team-2 presented a comprehensive enterprise automation software tailored for educational institutions, detailing role-based authentication, student record maintenance, and administrative reporting features.
Target Branch & Venue:	AI&DS-B & Room No. 405 Time: 2:50 PM – 3:50 PM
Presenting Teams & Projects:	• Team-10: Smart Property Rental Platform • Team-11: Online Local Service Booking System
Technical Keynotes:	Conducted specifically for AI&DS students, presenters emphasized database optimization, spatial search query execution, and localized service dispatch algorithms.



ADITYA COLLEGE OF ENGINEERING:: MADANAPALLE

Punganur Road, Valaspalle (Post), Annamayya (Dist) - 517325.

(Approved by AICTE New Delhi, Affiliated to JNTUA & ISO 9001:2015 Certified Institution)



Day 4: Saturday, August 22, 2026 (Morning & Afternoon)

Target Branch & Venue:	AI&DS-A Room No. 405 Time: 10:00 AM – 11:00 AM
Presenting Teams & Projects:	• Team-7: SmartStack: A Microservices-Based Smart Inventory Management System for Small Retail Shops • Team-8: Doctor Appointment & Clinic Management
Technical Keynotes:	Team-7 showcased modern microservice decoupling, RESTful API integrations, and lightweight database management customized for local retail supply chains.
Target Branch & Venue:	CSE(AI) Room No. 405 Time: 2:50 PM – 3:50 PM
Presenting Teams & Projects:	• Team-12: TaskNest • Team-13: StyleSwap - Rental Platform
Technical Keynotes:	This session addressed task delegation algorithms within the TaskNest productivity suite and user authentication pipelines for dynamic rental platforms.

Day 5: Saturday, August 22, 2026 (Evening)

Target Branch & Venue:	CSE-C Room No. 405 Time: 4:00 PM – 5:00 PM
Presenting Teams & Projects:	• Team-5: Litera: AI Learning Platform • Team-6: Job Portal with Smart Matching
Technical Keynotes:	The concluding technical session highlighted AI in EdTech and HR Tech. Team-5 introduced adaptive learning path generators, while Team-6 presented automated resume-job description vector matching models.

3. Presentation Photos & Visual Documentation

Representative photo placeholders documenting the technical sessions across the 5 days:



18/08/2026 – ECE-A

Topic: Smart Parking & Doctor Appointment Systems

Venue: Room 114 / Room 405



18/08/2026 - CSE-A

Topic: Restaurant Booking & CIMS Platforms

Venue: Room 315



ADITYA COLLEGE OF ENGINEERING:: MADANAPALLE

Punganur Road, Valaspalle (Post), Annamayya (Dist) - 517325.

(Approved by AICTE New Delhi, Affiliated to JNTUA & ISO 9001:2015 Certified Institution)



20/08/2026 - AI&DS
Topic: Smart Parking
Venue: Room 405



22/08/2026 - CSE(AI)
Topic: AI Legal Contract Intelligence
Venue: Room 405



22/08/2026 - CSE-B
Topic: StyleSwap-Rental platform
Venue: Room 405



22/08/2026 - CSE-C
Topic: Job portal with smart matching
Venue: Room 405

4. Key Outcomes & Program Impact

- **Peer-to-Peer Knowledge Transfer:** Successfully bridged the knowledge gap between senior MSME RAMP-trained developers and junior III B.Tech students through direct interaction and prototype reviews.
- **Multidisciplinary Exposure:** Covered diverse technological domains ranging from embedded IoT platforms and dynamic sensors to full-stack microservices, NLP legal tools, and AI matching systems.
- **Skill Acquisition & Prototype Development:** Third-year engineering students were equipped with structured methodologies for identifying domain problems, validating project feasibility, and constructing functional working models.
- **Enhanced Student Engagement:** Achieved full participation across 9 distinct B.Tech sections (ECE A/B/C, CSE A/B/C, AI&DS A/B, CSE-AI) under dedicated faculty supervision.

Dr. P. Gangadhara Reddy
R&D Convener

Dr. K. Sai Venu Pratap
IIC Convener

Dr. Rayudu Peyyala
Principal, ACEM
Principal
Aditya College of Engineering
Madanapalle - 517325