



JB Institute of Engineering & Technology

AUTONOMOUS

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



Department of Information Technology

VISION & MISSION

VISION:

To be a premier department in Information Technology education and research, producing competent, ethical, and innovative professionals who drive digital transformation and contribute to global technological progress.

MISSION:

M1

To provide high-quality education in Information Technology through a balanced curriculum, practical training, and exposure to emerging technologies.

M2

To foster innovation, research, and industry collaboration for solving real-world problems in IT infrastructure, software systems, and data-driven technologies.

M3

To develop responsible IT professionals with strong ethical values, communication skills, and a lifelong learning mind-set to adapt to global technological challenges.

ISSUE:2024

Key Highlights:

- Message From The HOD
- Students Milestones
- Department Events
- Faculty Achievement
- Student Pioneers
- Placements



Message From The HOD

It gives me great pleasure to lead the Department of Information Technology. Our department has consistently maintained excellent academic standards with the support of dedicated and highly qualified faculty members. We aim to prepare students for successful careers in industry, research, academia, and entrepreneurship by providing quality technical education and encouraging innovation, creativity, leadership, self-learning, and continuous skill development through technical events, workshops, seminars, and other co-curricular activities.

We believe that knowledge must be updated continuously to meet the changing technological world. Students are encouraged to think positively, become problem-solvers, and work hard with dedication rather than seeking shortcuts to success.

Wishing you all success, happiness, and a bright future ahead.



Dr. A.RAMESH BABU

GOOD LUCK & CONGRATULATIONS

ORIENTATION DAY :

Orientation Day is a memorable and enriching event organized to warmly welcome all incoming students to the department. It serves as the perfect platform for newcomers to familiarize themselves with the academic environment, understand the department's vision, and explore the wide range of opportunities available to them. Students get the chance to interact with faculty members, connect with seniors, and gain valuable insights into the curriculum, rules, and resources that will guide them through their academic journey. It is a day filled with enthusiasm and inspiration, setting the right tone for a fulfilling and successful college experience.



GRADUATION DAY

Graduation Day is a momentous and cherished occasion that marks the culmination of years of hard work, dedication, and perseverance. It is a celebration of academic achievement where students are honored for successfully completing their course and stepping into a new chapter of their lives. The day brings together students, faculty, and families in a spirit of pride and joy, reflecting on the journey that shaped each graduate into the person they are today. It is not just an end, but a beautiful beginning — a stepping stone towards a bright and promising future filled with endless possibilities



STUDENT MILESTONE (2024-2025)

1. Kummari Shiva Prasad of IT Department successfully completed the NPTEL Certification Exam for Subject “DBMS” conducted by IITKGP from Jan-Mar (2025)



NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KUMMARI SHIVA PRASAD
for successfully completing the course
Data Base Management System

with a consolidated score of **47** %

Online Assignments	15.42/25	Proctored Exam	31.5/75
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Total number of candidates certified in this course: **8423**

Jan-Mar 2025
(8 week course)

Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

swayam

Roll No: NPTEL26CS18S547002559 To verify the certificate No. of credits recommended: 2 or 3

2. Maithreyi of IT Department successfully completed the NPTEL Certification Exam for Subject “DBMS” conducted by IITKGP from Jan-Mar (2025)



NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
MAITHREYI
for successfully completing the course
Data Base Management System

with a consolidated score of **47** %

Online Assignments	16.25/25	Proctored Exam	30.75/75
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Total number of candidates certified in this course: **8423**

Jan-Mar 2025
(8 week course)

Indian Institute of Technology Kharagpur

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

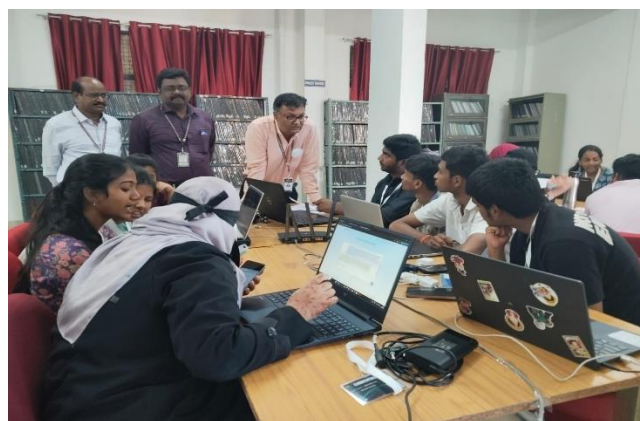
swayam

Roll No: NPTEL26CS18S547001229 To verify the certificate No. of credits recommended: 2 or 3

3. JBIET Merit Scholarships & Financial Concessions for Students Admitted In B.Tech for the Academic Year 2024-2025



4. Codeverse organised by all CSE aligned Branches in which Students from our IT Department participated.



5. Students from IT Department participated in our Annual Day in Cultural's Activities.



DEPARTMENT EVENTS

INNOVATE X, is an Arena of Technical and Non-Technical Events, conducted by the department of Information Technology of JBIET Engineering College. The event was inaugurated by our honorary dignitaries viz. Principal of JBIET Mr. Krishnamacharya Sir, Dean of CSE & IT Mr. Venkata Krishna Sir, HOD of IT Mr. Ramesh Babu Sir, all the staff members and the students of IT dept.

This creative and jubilant platform incorporates two kinds of events.

1. Technical Events (On 4 th March, 2025)
2. Non-Technical Events (5th March, 2025)



INNOVATE X featured a series of technical and non-technical events, carefully designed to test participants' problem-solving abilities, teamwork, and critical thinking.

Technical Events:

1. CodeMaze
2. TechTrivia

Non-Technical Events:

1. Card's Of Fate
1. Poster Design



2. A distinguished Town Hall event was held on 14th February 2025 at Muchchintal, Venkannaguda, where His Holiness Chinna Jeeyar Swamiji graced the occasion with his divine presence. Students were blessed with profound spiritual and moral insights, making it a truly enriching and enlightening experience.

It was a rare and significant opportunity that left a lasting impact on the hearts and minds of all those in attendance.



3. A State-level Hackathon was organized at our college on 21st and 22nd February 2025, bringing together talented minds from IT and CSE departments across the state. Students from our IT department enthusiastically participated in the event, showcasing their technical skills, creativity, and problem-solving abilities. It was an incredible platform for our students to challenge themselves, collaborate, and gain hands-on experience in a competitive environment.



4. A highly insightful Guest Lecture on **"Java Design Patterns: How to Write Maintainable and Scalable Code"** was conducted on 19th April 2025, featuring Mr. Naveen as the esteemed speaker. Students gained valuable knowledge on best coding practices, design patterns, and techniques to build efficient, maintainable, and scalable software solutions.

The session was a great learning experience that bridged the gap between academic knowledge and real-world software development.



5. An engaging Expert Lecture on **"Empowering Rural India – Role and Responsibility of the Students"** was conducted on 19th April 2025, exclusively for second-year students. The session shed light on the vital role that young students can play in driving rural development and bringing meaningful change to grassroots communities.

It was an inspiring and thought-provoking experience that encouraged students to look beyond academics and embrace their social responsibility towards the nation.



FACULTY ACHIVEMENTS:

Patents Published

S.no	Name of the faculty	Title of the patent	Status
1	Dr. Ramesh Babu Arumbaka	“A METHOD AND SYSTEM FOR ENHANCING DATA SECURITY IN CLOUD COMPUTING ENVIRONMENTS”	Published
2	Dr. Gurramapally Kumar	“A METHOD AND SYSTEM FOR ENHANCING DATA SECURITY IN CLOUD COMPUTING ENVIRONMENTS”	Published
3	Mr. Munner M A	“A METHOD AND SYSTEM FOR ENHANCING DATA SECURITY IN CLOUD COMPUTING ENVIRONMENTS”	Published
4	Mrs. J. Jyotsna	“A METHOD AND SYSTEM FOR ENHANCING DATA SECURITY IN CLOUD COMPUTING ENVIRONMENTS”	Published
5	Mr.V.Krishna Reddy	“A METHOD AND SYSTEM FOR ENHANCING DATA SECURITY IN CLOUD COMPUTING ENVIRONMENTS”	Published
6	Mrs. S. Anusha	“A METHOD AND SYSTEM FOR ENHANCING DATA SECURITY IN CLOUD COMPUTING ENVIRONMENTS”	Published

Ph.D Pursuing

Sno	Name of Faculty	Discipline	Year of Registration	University
1.	J.Jyotsna	Cse	2024	Annamalai university
2.	M A Muneer	Cse	2023	Annamalai university
3.	S.Anusha	Cse	2024	SR university

Achievements of Faculty in NPTEL

S.no	Name of Faculty	Designation	Course Name	Duration of Course	Type of Certificate	Year
1.	M A Muneer	Assistant Professor	Big Data Computing	8 weeks	Elite	2024

List of Publication (2023-2024)

S.No	Faculty Name	Title Of The Journal	Name Of The Conference/Journal	Month & Year	Indexed in Scopus (yes/no)
1	Dr.S.Ravi Kumar Raju	Progressive Feature Fusion for Enhanced foreground Segmentation.	International Journal of Science, Engineering and Technology	2025	No
2	G.Kumar	A Secure De-Centralized Protocol for Voting System	International Journal of Science, Engineering and Technology	2025	No
3	V.Krishna Reddy	AI Chatbot for College Mangament	International Journal of Science, Engineering and Technology	2025	No
4	M.A. Muneer	Fracture Detection and Classification Using Deep Learning Methods	International Journal of Science, Engineering and Technology	2025	No
5	S.Anusha	Hospital Management System	International Journal of Science, Engineering and Technology	2025	No
6	J.Jyotsna	Vehicle Counting Detection Using OpenCV	International Journal of Science, Engineering and Technology	2025	No

7	Dr.A. Ramesh Babu	Improving Non-Dominated Sorting Genetic Algorithm for IOT Service Composition Considering National Energy Consumption and User Experience	Journal of Intelligent Systems and Internet of Things	2025	No
8	Dr.A. Ramesh Babu	Predicting Agriculture Yields Based on Machine Learning Using Regression and Deep Learning	International Journal of Science, Engineering and Technology	2025	No
9	S.Anusha	Placement Management System	International Journal of Science, Engineering and Technology	2025	No
10	R.Akhila	Driver Drowsiness Detection Using OpenCV	International Journal of Science, Engineering and Technology	2025	No
11	Dr.G.Kumar	Detection and Removal Haze, Fog, Rain for Accident Prevention	International Journal of Science, Engineering and Technology	2025	No
12	M.A. Muneer	Plant Disease Detection Using Deep Learning	International Journal of Science, Engineering and Technology	2025	No
13	R.Akhila	Cyber Hacking Breaches Prediction & Detection Using Machine Learning	International Journal of Science, Engineering and Technology	2025	No
14	J.Jyotsna	User Behavior Prediction of Social Hotspots Based on Multi-Message Interaction and Neural Networks	International Journal of Science, Engineering and Technology	2025	No

15	Dr.A. Ramesh Babu	Predicting Agriculture Yields Based on Machine Learning Using Regression and Deep Learning	International Journal of Science, Engineering and Technology	2025	No
16	Dr.S.Ravi Kumar Raju	Real Time Object Detection Using Deep Learning	International Journal of Science, Engineering and Technology	2025	No
17	Dr.G .Kumar	Energy Consumption and Optimization	International Journal of Science, Engineering and Technology	2025	No
18	V.Krishna Reddy	AI Language Translation Using Open AI	International Journal of Science, Engineering and Technology	2025	No
19	M.A. Muneer	Augmented Reality and Machine Learning based Product Identification in Retail Using Vuforia and MobileNets	International Journal of Science, Engineering and Technology	2025	No
20	J.Jyotsna	CNN Based Tracking System for Virtually Impaired People	International Journal of Science, Engineering and Technology	2025	No

Students Pioneers:

We are proud to spotlight **Naveen Thadagam**, a shining example of initiative and dedication from our department. Naveen successfully completed an internship with **SkillHigh** in the domain of **Full Stack Web Development**, gaining hands-on experience in both front-end and back-end technologies. His commitment to learning beyond the classroom is a true inspiration for fellow students and a proud moment for the entire department.



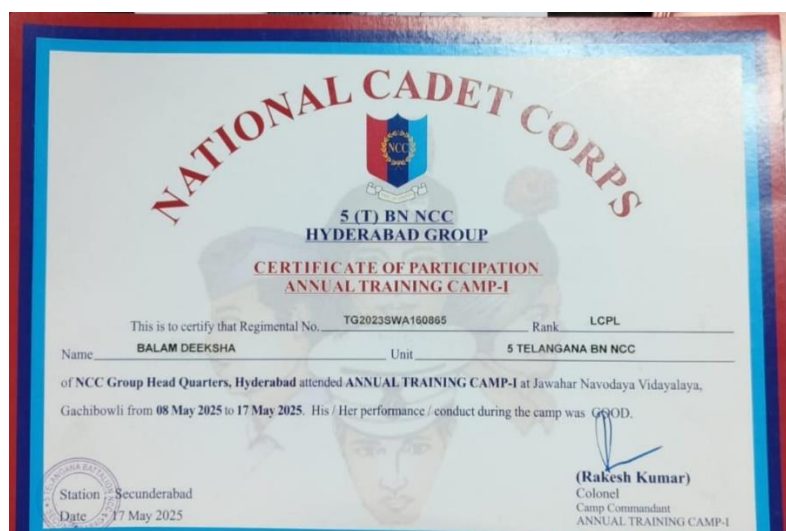
We proudly acknowledge **Mayank Kumar Dubey** for successfully completing the **Python Programming Course** certified by **Skill India NSDC (National Skill Development Corporation)**. This achievement reflects his passion for continuous learning and his drive to enhance his technical skills beyond the classroom. Mayank's dedication is a commendable example for his peers and a matter of great pride for the department.



We celebrate the outstanding sporting achievement of **Prem** from our IT department who represented the college in **Basketball** at the prestigious **Arambh Fest** and secured the coveted **Runners-Up** position. His teamwork, determination, and competitive spirit on the court made the entire department proud. This achievement is a testament to his all-round talent, excelling not just academically but on the sports field as well.



We congratulate our student Deeksha to have successfully completed the NCC camp of Annual Training Camp -1 for 2025 conducted in May.



We congratulate our esteemed student to have completed the “**Campus to Corporate**” organized by the **TASK** in collaboration with **HCCB**



We proudly acknowledge **Sharanya** from our IT department for participating in the **Paper Presentation** event held at **MGIT College**. Her willingness to step up and present her ideas on a competitive platform reflects her academic curiosity and confidence. This experience is a valuable stepping stone that will sharpen her research and presentation skills for greater achievements ahead.



Our IT department students have been actively engaged in enriching their knowledge and skills beyond the classroom throughout this academic year. Many students enthusiastically participated

in various workshops, technical seminars, and hands-on training sessions that exposed them to the latest trends and advancements in the industry. In addition, several students took the initiative to enroll in online courses and certification programs, demonstrating a strong commitment to self-improvement and continuous learning. These efforts reflect the department's culture of curiosity, growth, and academic excellence, preparing our students to meet the ever-evolving demands of the tech world.

Certificate of Achievement

Congratulations

Mayank Dubey

for successfully completing TCS ION Career Edge - Young Professional course that covers Communication Skills | Presentation Skill | Soft Skills | Career Guidance Framework | Resume Writing | Group Discussion Skills | Interview Skills | Business Etiquette | Effective Email Writing | Telephone Etiquette | Accounting Fundamentals | IT Foundational Skills | Overview of Artificial Intelligence

Mehul Mehta

Mehul Mehta
Global Delivery Head – TCS ION,
Tata Consultancy Services

Start Date: 06 Dec 2024
End Date: 12 Jan 2025



CERTIFICATE OF COMPLETION

C++ Training Crash Course for C++ Beginners

Instructors **Crunch Coding**

Mayank Kumar Dubey

Date **Dec. 2, 2024**
Length **39 total mins**

Certificate no: UC-cac42d7-6c71-42b-9479-du5a59406c3
Certificate url: ude.my/UC-cac42d7-6c71-42b-9479-du5a59406c3
Reference Number: 0004



CERTIFICATE OF PARTICIPATION

This is to certify that **Mr./Mrs./Ms. Naveen Thadgam**, has attended Masterclass on DevOps 101: A Beginner Guide to Automation & Deployment Program.

DATE: 2nd March 2025

CERTIFICATE NO: 3eb2ea61-7088-45da-b4f4-54e3abd78bb3
<https://learn.pwskills.com/certificate/3eb2ea61-7088-45da-b4f4-54e3abd78bb3>

Alakh Pandey
Mr. Alakh Pandey
(Founder)



CERTIFICATE OF COMPLETION

Mastering HTML5: From Beginner to Advanced 2025

Instructors **Mehmood Khalil, Zaheer Irshad**

Thadagam Naveen

Date **May 9, 2025**
Length **3.5 total hours**

Certificate no: UC-5ba2432-6c71-42b-9479-du5a59406c3
Certificate url: ude.my/UC-5ba2432-6c71-42b-9479-du5a59406c3
Reference Number: 0004



CERTIFICATE OF COMPLETION

PROUDLY PRESENTED TO
Thadagam Naveen

FOR COMPLETING THE **CERTIFIED WORKSHOP ON**



AI Dashboards using Microsoft Power BI

Mr. Jatan Shah

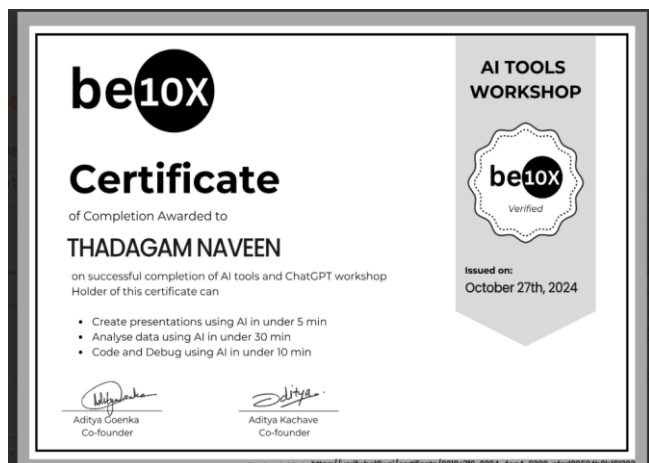
Conducted By
Mr. Jatan Shah
Microsoft Certified Trainer
Co-Founder & CEO, Skill Nation

Date of workshop:
26th & 27th October, 2024

www.jatanishah.com



Scan To Verify



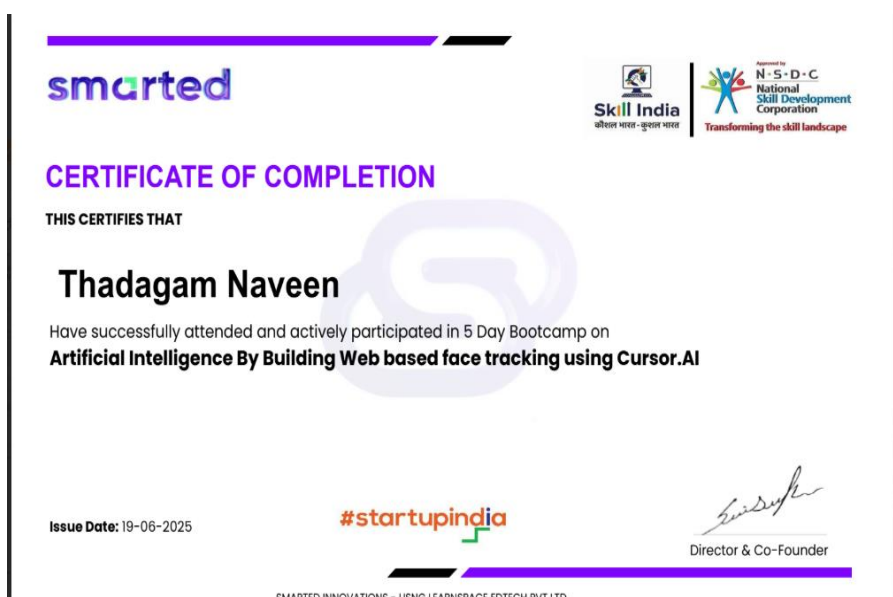
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Certificate of Participation

This is to certify that
Mayank Kumar Dubey

from Jb institute Of Engineering And Technology,
Hyderabad as Team techies has participated in Cushman &
Wakefield Consulting Challenge organised by Ashoka
Consulting Club.



Department of IT had the wonderful opportunity to visit DRDO exhibition held in 2024 inaugurated by Sri Revanth Reddy Garu and Our Defense Minister Sri Rajnath Singh .

Our students and faculty members had the wonderful opportunity to see the defense system ,new technologies and upcoming inventions by other colleges and department,One of our student also made it to the News.



Placements 2024-2025:

Our students have secured placements in a wide range of fields across various reputed companies. Their hard work and dedication have opened doors to opportunities in different industries. This achievement reflects their skills, adaptability, and readiness for the professional world.

S.No	Dept.	Name of the Company	Venue	No. of students Placed
1	IT	DEXTERITY	JBLET	9
2	IT	SKILL INTERNS	JBLET	3
3	IT	WORKHOAL	JBLET	4
4	IT	HCL COLLABERA	JBLET	3
5	IT	Q-SPIDERS	JBLET	5
6	IT	SUTHERLAND	JBLET	2
7	IT	RINEX	JBLET	2
8	IT	AMAZON	JBLET	1
9	IT	GLOBAL QUEST	JBLET	4
10	IT	EXCELR	JBLET	3
11	IT	ITENIC	JBLET	6
12	IT	HDFC	JBLET	5
13	IT	COGNIZANT	JBLET	1
14	IT	DIGITIDE	JBLET	1