

**Khandesh Bahuuddeshiya Sanstha's
College of Engineering & Technology,
North Maharashtra Knowledge City, Jalgaon**

Approved by AICTE, Recognized by DTE & Affiliated to DBATU, Lonere, & MSBTE (M.S.)

(Accredited by NAAC & ISO 9001:2015)

News Letter

COMPUTER ENGINEERING DEPARTMENT

(Academic Year 2024-25)

VISION

- To offer quality education and produce globally competent graduates with ethics committed to build a vibrant society.
(दर्जेदार शिक्षण देणे आणि एक चैतन्यशील समाज निर्माण करण्यासाठी वचनबद्ध, नैतिकतेसह जागतिक स्तरावर सक्षम पदवीधर तयार करणे.)

MISSION

- To impart updated technical education and knowledge.
(अद्ययावत तांत्रिक शिक्षण आणि ज्ञान देणे.)
- To strengthen core competency in computer engineering through analytical learning.
(विश्लेषणात्मक शिक्षणाद्वारे संगणक अभियांत्रिकीमध्ये मूलभूत क्षमता बळकट करणे.)
- Inculcate learning attitude with a sense of social and moral responsibility
(सामाजिक आणि नैतिक जबाबदारीच्या भावनेसह शिक्षण वृत्ती निर्माण करणे.)

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1	• Graduates should excel in engineering positions in industry and other organizations that emphasize design and implementation of engineering system and devices.
PEO2	• Graduates should excel in best post graduate engineering institutes, reaching advanced degrees in engineering and related discipline.
PEO3	• Within several years from graduation, alumni should have established a successful career in an engineering-related multidisciplinary field, leading or participating effectively in interdisciplinary engineering projects as well as continuously adapting to changing technologies.
PEO4	• Graduates are expected to continue personal development through professional study and self learning.
PEO5	• Graduates are expected to be good citizens and cultured human beings, with full appreciation of the importance of professional, ethical and societal responsibilities.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1	• Problems solutions with tools and technology: To provide specific solutions to problems in software domain with use of engineering tools and technology.
PSO2	• Skills for Employment- To design and develop hardware and software skills based systems, evaluate and recognize potential risks and provide creative solution.
PSO3	• Computer Hardware and Networking- To apply knowledge, techniques and professional skills for real time operation and maintenance of computer hardware and networking.

PROGRAM OUTCOMES (PO)

PO1	• Engineering Knowledge- Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
PO2	• Problem analysis- Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics natural sciences and engineering sciences.
PO3	• Design/Development of Solutions Design solutions for complex engineering problems and design system components or processes that meet specified needs, considering public health and safety, as well as cultural, societal, and environmental considerations.
PO4	• Conduct Investigations of Complex Problems Use research-based knowledge and methods including design of experiments, analysis, and interpretation of data, and synthesis of information.
PO5	• Modern Tool Usage Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling, to complex engineering activities with an understanding of limitations.
PO6	• The Engineer and Society Apply reasoning informed by contextual knowledge to assess societal, health, safety, legal, and cultural issues relevant to professional engineering practice.
PO7	• Environment and Sustainability Understand the impact of engineering solutions in a societal and environmental context and demonstrate knowledge of, and need for sustainable development.
PO8	• Ethics Apply ethical principles and commit to professional ethics, responsibilities, and norms of engineering practice.
PO9	• Individual and Team Work Function effectively as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
PO10	• Communication Communicate effectively on complex engineering activities with the engineering community and with society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	• Project Management and Finance Demonstrate knowledge and understanding of engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	• Lifelong Learning Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

LIST OF MOU'S

Sr.No.	Name of Mentor Institute/College/Industry
1	Sharad Creation , Jalgaon (Computer and printing Technology)
2	G.H.Raisoni Institute of Engineering & Business Management, Jalgaon.
3	IT Digi Solutions , Jalgaon
4	ExcelR Edtech Pvt. Ltd.
5	INFYNAS Learning Solutions LLP
6	RB Tech Services

LIST OF EXPERT/WEBINAR/WORKSHOP

Sr. No.	Name of Lecture/Webinar/Workshop		Date
1	Overview Session on Python and Machine learning	Webinar	25/10/2024
2	AI for students:Build Your Own Generative AI Model (Online)	Workshop	23/11/2024
3	PYTHON Bootcamp For Beginners	Workshop	07/12/2024 to 08/12/2024 11/02/2025
4	Personality Development Self Assessment Programme	Lecture	
5	Fundamental Concepts of Programming Languages	Expert	25/02/2025
6	Recent Trends in IT	Lecture	06/05/2025

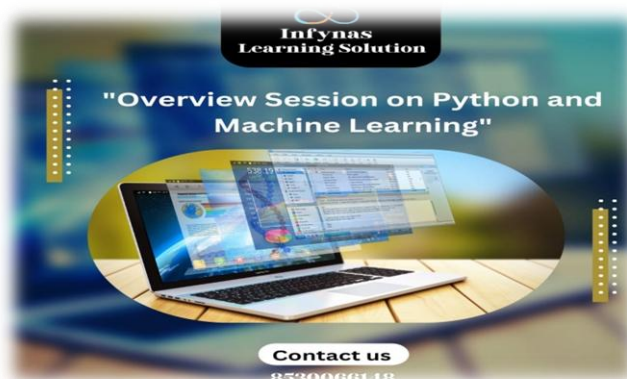
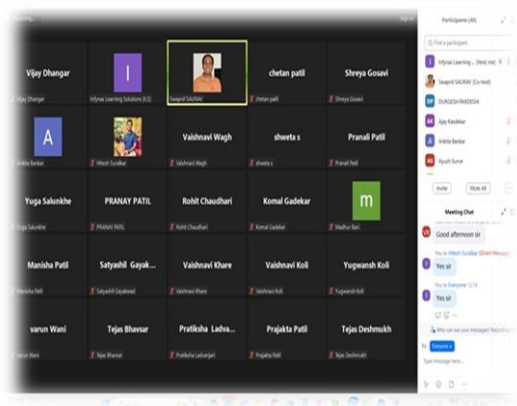
Glimpses of Expert/Webinar/Workshop

Objectives and Outcomes of Program

Topic : **Overview Session on Python and Machine Learning (INFYNAS Learning Solution)**

Date : 25/10/2024

A lecture on Python and Machine Learning aims to equip students with the ability to utilize Python's programming language to implement various machine learning algorithms, enabling them to analyze data, build predictive models, and solve real-world problems by understanding key concepts like data preprocessing, supervised/ unsupervised learning, and model evaluation, while also gaining proficiency in using essential Python libraries for data manipulation and analysis.



Objectives and Outcomes of Program

Topic : **Fundamental Concepts of Programming Languages**

Guest/Expert Name: Mr. Kalpesh Bornare
(Technical Manager at HCL Technologies,Nasik)

Date : 25/02/2025

➤ Objectives :

- The objectives of fundamental programming concepts are to equip learners with the foundational knowledge and skills to write efficient, readable, and maintainable code, enabling them to approach coding challenges logically and apply structured problem-solving techniques.

➤ Outcomes:

- Mastering fundamental programming concepts leads to the ability to write clear, efficient, and maintainable code, along with enhanced problem-solving, logical thinking, and debugging skills, which are transferable to various fields.



Objectives and Outcomes of Program

Topic : **Personality Development Self Assessment Programme**
By **Mr.Ajaj M.Shaikh** (Regional Project Officer of Jeevan Sanjivani
H.R.D. Institute Sangali Br. IFRA Institute Jalgaon)

Date : 11/02/2025

➤ Objectives :

- The primary objective of a personality development self-assessment program is to self-awareness and guide individuals towards personal and professional growth by identifying strengths, weaknesses, and areas for improvement.

➤ Outcomes:

- A personality development self-assessment program can lead to increased self-awareness, improved decision-making, enhanced goal-setting and better communication and relationships, ultimately fostering personal and professional growth.



KBS's
College of Engineering and Technology
North Maharashtra Knowledge City,
Jalgaon

(Accredited in NAAC)

Expert Lecture

On

"Personality development"

Speaker Name:- Mr. Aejaz M. Shaikh

(IFRA Institute of Personality Development Jalgaon,

And Renowned Motivation speaker will enlight the students
about Personality development)

Date: 11th Feb. 2025, Venue- Seminar Hall

Prof. S.S.Patil
Principal (Polytechnic)

Dr. P.N.Patil
Principal (Engineering)





Objectives and Outcomes of Program

Topic : **Recent Trends in IT**

Guest/Expert Name : Mr. Kalpesh Marathe and Mr. Yash Chaudhari
(Brilliance IT Solution, Jalgaon).

Date : 06/05/2025

➤ Objectives :

- The objectives of a guest lecture on recent IT trends aims to make students aware of emerging technologies and industry advancements, while also exploring career and entrepreneurial opportunities within the field.

➤ Outcomes:

- A guest lecture on recent IT trends can effectively equip students with knowledge of emerging technologies and industry best practices.
- Potentially inspiring them to pursue specific career paths. Outcomes include a deeper understanding of technologies like AI, data science, and big data, as well as their current applications and potential future directions.
- Lectures can also highlight the importance of skills like testing, project/program management, and emerging tools in the IT sector.







CERTIFICATE OF PARTICIPATION

This certifies that

Shreya Gosavi

This certificate proudly recognizes that the participant has successfully completed the 2-Day Python Bootcamp conducted on 7th & 8th December 2024. Through their dedication and effort, they have acquired a solid foundation in Python fundamentals, setting the stage for further growth in programming.



Director
INFYNAS Learning Solutions

Issued On 2024-12-15

2024-12-15

**NXT
WAVE™**

CERTIFICATE Of Participation

AWARDED TO

Sapna Amar Badgujar

for participating in the Workshop by AI expert **Mr. Abhinav Devaguptapu** on
'AI for Students: Build Your Own Generative AI Model'.
The workshop is designed to equip students with skills essential in the AI era.

Rahul A
Rahul Attuluri
CEO, NxtWave™

Issue Date:
11/23/2024



Glimpses of Achievements...



Glimpses with Final Year Students...





OUR SCHOLAR'S



Dr. Babasaheb Ambedkar Technological University
**NORTH MAHARASHTRA KNOWLEDGE CITY,
COLLEGE OF ENGINEERING AND
TECHNOLOGY, JALGAON**

College of Engineering and Technology, North Maharashtra City, Gat No-166, NH-06, Infront of North Maharashtra University Gate, Bambhori, Jalgaon, Pincode 429002, Maharashtra, India. Contact Number : 9423193610

Department of Computer Engineering

S.Y B.Tech Sem- IV Academic Year 2024-25

Topper Student

Congratulations



Shreya Gosavi
SGPA(7.60)

Sapna Badgujar
SGPA(7.67)

Ruchita Baviskar
SGPA(7.33)



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Department of Computer Engineering

T.Y B.Tech Sem-VI Academic Year 2024-25

Topper Student

Congratulations



Lina Chaudhari
SGPA (7.39)

Sumit Shelar
SGPA(7.20)

Partiksha Nikam
SGPA(7.31)



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Department of Computer Engineering

L.Y B.Tech Sem- VII Academic Year 2024-25

Topper Student

Congratulations



Satyashil Bhaskar
Gayakwad

Nikita Ramesh
Pawar

