

## Session 2025-26 (Even Semester)

### Department of Artificial Intelligence & Machine Learning

#### INDEX

<b>Department of Artificial Intelligence and Machine Learning</b>				
<b>B.Tech Second Year Fourth Semester Session 2025-26</b>				
<b>Activity Conducted Under Student Chapter</b>				
<b>Sr.No</b>	<b>Title of Activity</b>	<b>Activity Detail</b>	<b>Name of the Guest</b>	<b>Date of Conduction</b>
1	Industrial Visit-1	PSK Technology,Nagpur	Mr. Prashant Kadhao, Founder Director of PSK Technologies Pvt Ltd.	Conducted on 13 <sup>th</sup> December 2025
2	Industrial Visit-2	Softtronic pvt Ltd, IT Park, Nagpur	Mr.Sudhir koche Director,Softtronix Nagpur	Conducted on 8th April 2026
3	Industry Expert Lecture-1	Expert Lecture on Modern Full Stack Development with .NET 8 & Angular 17+ by Mr.Gaurav Watt, Senior Software Developer,TCS.	Mr.Gaurav Watt, Senior Web Developer, Tata Consultancy Services.	Conducted on 20 <sup>th</sup> December 2025
4	Industry Expert Lecture-2	Role of AI in IT Industries by Mr.Nilesh Gupta, Founder, NR Solution Pvt.Ltd.	Mr. Nilesh Gupta, Founder of NRsolutions4u, Nagpur	Conducted on 27 <sup>th</sup> December 2025
5	Industry Expert Lecture-3	By Mr.Shashikant Raut, Technical Lead Devocs Engineer, Cognizant Pune.” Cloud Devocs and AI”	Mr. Shashikant Raut, Technical Lead, DevOps Engineer, Cognizant, Pune	Conducted on 10th February 2026
6	Workshop-1	4 Days workshop on AI Project Development, Betasys AI	Mr. Dishant Vaidya, Python Backend & AI/ML Engineer	Conducted on 19/01/26 - 22/01/26



7	Workshop-2	2 Days Full Stack Development Skills	NRSolutions , Pvt Ltd, Nagpur	Conducted on 26th & 27th February 2026
8	IPR Activity	IPR Excellence Drive	Coordinators:- Prof. Prajakta Khodke, Prof. Shital Dandade, Prof. Pranay Dongarwar	Conducted on 10th January & 17th January 2026
9	National Level Technical Event	Neural Nexas	Mr.Deven Dande, AI Product Manager Betasys AI Pvt.Ltd,Nagpur	23/03/2026- 24/03/2026
10	Parents-Teacher Conclave-I	Discuss students' academic performance, attendance, and overall progress	Coordinators:- Prof. Shital Dandade, Prof. Pranay Dongarwar	Conducted on 7th March 2026

## 1) Industrial Visit at PSK Technology Pvt Ltd Nagpur

- Department: Artificial Intelligence & Machine Learning
- Title: Report on Industrial Visit at PSK Technology Pvt Ltd Nagpur”, Nagpur”
- Date of Visit: - 13<sup>th</sup> Dec 2025
- Industrial Visit Duration: 11.00 am to 04.00 pm
- Total Students: 45 Students
- Visit Expert: Mr. Prashant Kadhao, Founder Director of PSK Technologies Pvt Ltd
- Coordinators of Program: Prof. Sanghpal Sarkate, Prof. Shital Dandade

The Industrial Visit of the IV Semester students of the Department of Artificial Intelligence & Machine Learning, TGPCT, Nagpur to PSK Technology Pvt. Ltd., Nagpur was organized with the primary objective of enhancing students’ academic learning through direct exposure to the professional IT and software development environment.



## 2) Industrial Visit at Softronix IT Training Nagpur

- Department: Artificial Intelligence & Machine Learning
- Title: Report on Industrial Visit at Softronix IT Training, Nagpur
- Date: - 08/04/2026
- Industrial Visit Duration: 12.00 pm to 04.00 pm
- Total Students: 45 Students
- Visit Expert: Mr. Tushar Kumbhare, IT professional
- Coordinators of Visit: Prof. Prajkta Khodke, Prof. Pranay Dongarwar
- Conduct Under Society Chapter-CIS, Algnite forum

The industrial visit to Softronix IT Training, Nagpur was organized for IV semester students of the Department of Artificial Intelligence & Machine Learning to provide practical exposure to the IT industry. The visit aimed to bridge the gap between theoretical knowledge and real-world application by familiarizing students with professional IT environments, training methodologies, and current industry practices. Softronix IT Training is a well-known institute in Nagpur that provides training in software development, programming, web technologies, and emerging domains like Artificial Intelligence and Machine Learning. The organization focuses on skill-based learning, hands-on projects, and industry-oriented training. This visit helped students understand real-time software development processes, industry expectations, and career opportunities in the IT sector.



### 3) Expert Lecture on Modern Full Stack Development with .NET 8 & Angular 17+ by Mr.Gaurav Watt, Senior Software Developer,TCS.

- **Department:** Artificial Intelligence & Machine Learning
- **Title:** Report on guest lecture Modern Full-Stack Development with .NET 8 & Angular 17+
- **Date:** - 20/12/2025
- **Guest lecture Duration:** 12.00 Noon pm to 03.00 pm
- **Total Students:** 60 Students
- **Expert:** Mr. Gaurav Watt, Senior Web Developer, Tata Consultancy Servies.
- **Coordinators of Program:** Prof. Shital Dandade
- **Conduct Under Society Chapter-CIS,** Algnite forum

The guest lecture on “Modern Full-Stack Development with .NET 8 & Angular 17+” was conducted with the objective of providing students with in-depth knowledge of modern web application development technologies and industry practices. The session aimed to enhance students’ understanding of how full-stack development plays a crucial role in building scalable, secure, and high-performance software applications in today’s digital era. The lecture focused on the integration of backend development using .NET 8 and frontend development using Angular 17+, highlighting how these technologies are used together in real-world enterprise applications. Students were introduced to current industry trends, development frameworks, tools, and best practices followed in professional full-stack projects.



#### 4) Role of AI in IT Industries by Mr.Nilesh Gupta, Founder, NR Solution Pvt.Ltd.

- **Department: Artificial Intelligence & Machine Learning**
- **Title: Report on Industry Expert Lecture Role of Artificial Intelligence in IT Industries**
- **Date: - 27/12/2025**
- **Expert: Mr. Nilesh Gupta, Founder of NRsolutions4u, Nagpur**
- **Coordinators of Program: Prof. Prajakta Khodke**
- **Conduct Under Society Chapter-CIS, Algnite forum**
- **Guest lecture Duration: 1 pm to 03.00 pm**
- **Total Students: 70 Students**

The Industry Expert Lecture and assessment on “Role of Artificial Intelligence in IT Industries” was organized specifically for B.Tech 4th Semester students of Artificial Intelligence & Machine Learning (AIML) with the objective of enhancing their understanding of AI concepts and their practical applications in the IT industry. At the 4th semester level, students transition from basic programming and computing fundamentals to core subjects related to Artificial Intelligence and Machine Learning. This expert lecture was designed to support this academic phase by explaining how theoretical concepts such as Machine Learning algorithms, data-driven models, automation, and intelligent systems are applied in real-world IT environments. Artificial Intelligence plays a crucial role in modern IT industries by enabling intelligent software solutions, automated processes, predictive analytics, and improved decision-making systems. The expert lecture highlighted how IT organizations adopt AI technologies to improve software development efficiency, optimize system performance, strengthen cybersecurity, and deliver innovative digital services.



## 5) Industry Expert Lecture By Mr. Shashikant Raut, Technical Lead DevOps Engineer, Cognizant Pune.” Cloud DevOps and AI”

- **Department:** Artificial Intelligence & Machine Learning
- **Title:** Report on Expert lecture Cloud Computing, DevOps and Artificial Intelligence
- **Date:** - 10/02/2025
- **Guest lecture Duration:** 1.00 pm to 03.00 pm
- **Total Students:** 100 Students
- **Expert:** Mr. Shashikant Raut, Technical Lead, DevOps Engineer, Cognizant, Pune
- **Coordinators of Program:** Prof. Prajkta Khodke, Prof. Shital Dandade
- **Conduct Under Society Chapter-CIS, Algnite forum**

The expert lecture on “**Cloud Computing, DevOps and Artificial Intelligence**” was organized for **Second Year (4th Semester) students** of the Department of Artificial Intelligence & Machine Learning to provide them with comprehensive knowledge of modern computing technologies that are transforming the IT industry. The session aimed to bridge the gap between academic learning and real-world industrial practices. The lecture focused on the fundamentals and advanced concepts of cloud platforms, DevOps practices, and AI-driven solutions. Students were introduced to how cloud infrastructure supports scalable applications, how DevOps accelerates software delivery, and how Artificial Intelligence enhances automation and decision-making. The major purpose of this expert lecture was to strengthen students’ technical foundation at an early stage of their academic journey and to prepare them for internships, certifications, and industry-oriented projects in Cloud, DevOps, and AI domains.



## 6) 4 Days workshop on AI Project Development, Betasys AI

- **Department:** Artificial Intelligence & Machine Learning
- **Title:** Report on 4-Day Workshop on AI Project Development
- **Date:** - 19/01/2026 to 22/01/2026
- **Workshop Duration:** 10 am to 01.00 pm
- **Total Students:** 70 Students
- **Expert:** Mr. Dishant Vaidya, Python Backend & AI/ML Engineer.
- **Coordinators of Program:** Prof. Prajкта Khodke, Prof. Shital Dandade
- **Conduct Under Society Chapter-CIS, Algnite forum**

The Department of Artificial Intelligence and Machine Learning organized a 4-Day Workshop on “AI Project Development” for **B.Tech Second Year (Fourth Semester) students** with the objective of strengthening their practical skills in Python backend development and applied machine learning. The workshop was designed to provide students with industry-oriented exposure and hands-on experience in developing real-world AI-based applications. At the fourth semester level, students move from basic programming concepts to core subjects related to Artificial Intelligence and Machine Learning. This workshop supported their academic progression by demonstrating how theoretical concepts such as programming, data handling, and machine learning algorithms are applied in actual software development environments. The sessions helped students understand how AI systems are built, tested, and integrated into backend applications.



## 7) Report of 2-Days Workshop on “Full Stack Development Skills

- **Department:** Artificial Intelligence & Machine Learning
- **Title:** Report on 2-Days Workshop on Full Stack Development Skills
- **Date:** - 26/02/2026 to 27/02/2026
- **Workshop Duration:** 11 am to 04.00 pm
- **Total Students:** 100 Students
- **Expert:** Mr. Nilesh Gupta, Founder of NR Solutions
- **Coordinators of Program:** Prof. Prajкта Khodke, Prof. Pranay Dongrwar
- **Conduct Under Society Chapter-CIS, Algnite forum**

The Department of Artificial Intelligence and Machine Learning organized a **2-Day Workshop on “Full Stack Development Skills”** for B.Tech Second Year (Fourth Semester) students with the objective of providing practical exposure to modern web development technologies. Full Stack Development has become an essential skill in the software industry, enabling developers to design and build complete web applications by combining frontend, backend, and database technologies. The workshop was designed to introduce students to the complete development cycle of web applications, starting from user interface design to backend programming and database integration.



## 8) Research Activity on IPR Submission “IPR Excellence Drive”

- **Department:** Artificial Intelligence & Machine Learning
- **Title:** Research Activity on IPR Submission “IPR Excellence Drive”
- **Date:** - 10/01/2026 & 17/01/2026
- **Duration:** 10 am to 04.00 pm
- **Total Students:** 100 Students
- **Coordinators of Program:** Prof. Prajкта Khodke, Prof.Shital Dandade, Prof. Pranay Dongarwar
- **Conduct Under Society Chapter-CIS, Algnite forum**

The Department of Artificial Intelligence and Machine Learning, TGPCET, organized a research activity titled “IPR Excellence Drive” with the objective of promoting innovation and intellectual property awareness among students. The activity was conducted on two Saturdays, 10th and 17th December, focusing on Intellectual Property Rights (IPR) submission and documentation. In today’s competitive and technology-driven environment, protection of innovative ideas is essential. This activity aimed to introduce students to the importance of patents and copyrights and to provide hands-on guidance on how innovative ideas can be legally protected through proper IPR procedures.



## 9) 2-Days National Level Event “Neural Nexus 2k26

- **Department:** Artificial Intelligence & Machine Learning
- **Title:** Report on 2-Days National Level Event “Neural Nexus 2k26”
- **Date:** - 23/03/2026 and 24/03/2026
- **Event Duration:** 11 am to 04.00 pm
- **Students Participated:** 491 Students
- **Guest:** Mr. Deven Dande (Project Manager Betasys AI)
- **Coordinators of Program:** Prof. Pranay Dongrwar, Prof Shital Dandade
- **Conduct Under Society Chapter-CIS, Algnite Forum**

The primary aim of Neural Nexus Summit 2K26 is to foster technical innovation, problem-solving skills, and collaborative learning among students in the domain of Artificial Intelligence and Machine Learning. The event is designed to create a competitive yet enriching environment where participants can explore emerging technologies, enhance practical knowledge, and build strong professional networks at a national level.





## 10) Parent Teacher Conclave.

- **Department:** Artificial Intelligence & Machine Learning
- **Title:** Report on Parent Teacher Conclave
- **Date:** - 07/03/2026
- **Meeting Duration:** 10:30 am to 02:00 pm
- **Total Parents:** 39 Parents
- **Coordinators of Program:** Prof. Pranay Dongarwar

The Department of Artificial Intelligence and Machine Learning organized a Parents–Teachers Meet on 7th March 2026 with the objective of strengthening communication and collaboration between parents and faculty members. The meeting was arranged to discuss the academic progress, attendance, and overall development of students, while also providing parents with insights into the activities and initiatives carried out by the department. The Parents–Teachers Meet provided an opportunity for parents to interact directly with faculty members and understand their ward’s academic performance. During the session, faculty members discussed the CT–I examination results, attendance records, and classroom behavior of the students. This interaction helped parents gain a clear understanding of their child’s strengths as well as the areas where improvement may be required.

