



NEW HORIZON
COLLEGE OF ENGINEERING

Autonomous College, Affiliated to VTU | Approved by AICTE New Delhi & UGC
Accredited by NAAC with 'A' Grade & Accredited by NBA

Department of Artificial Intelligence & Machine Learning

3rd Sem AIML ORIENTATION SESSION

Event Description:

An orientation session for the **3rd Semester Artificial Intelligence and Machine Learning (AIML) students** was conducted to familiarize students with the academic structure, additional learning opportunities, co-curricular activities, project-based learning, and various credit-based courses available as part of the curriculum. The session also highlighted opportunities for students to enhance their technical skills, participate in extracurricular activities, and pursue additional academic credentials.

Convenor: Dr. Vandana CP, Associate Prof & HoD-AIML, NHCE

Organisers: Prof. K.S. Shashikala, Senior Asst. Prof-AIML & Prof. Puja Negi, Asst. Prof-AIML

Date: 15th September 2026.

Time: 9:30 AM - 11 AM

Venue: Tejas Seminar hall

Key Points Discussed

1. Academic and Skill Development

The students were informed about the importance of developing skills beyond the regular curriculum. Emphasis was placed on:

- Skill-based learning and practical exposure.
- Participation in additional courses and certification programmes.
- Development of technical and professional competencies relevant to the AIML domain.
- Exploring opportunities for interdisciplinary and industry-oriented learning.

2. Major and Mini Projects

The role of mini and major projects in providing students with specialized technical exposure was discussed.

The importance of undertaking projects as part of academic and skill development was emphasized, including:

- Mini projects.
- Major projects.
- Practical and application-oriented projects.

- Projects associated with emerging technologies and industry requirements.

3.Publications and Research Exposure

The session highlighted the importance of patents, research and publication activities. Students were encouraged to understand how research activities and scholarly publications contribute to academic development and professional growth.

4.NEP/Academic Credit Structure

The students were briefed about the academic credit structure and the opportunities available under the curriculum. The session included discussion on:

- Ability Enhancement Courses (AEC).
- Programming Language Course(PLC)
- Credit-based courses.
- Supplementary courses/learning opportunities.
- Vertical-based credit options.
- Mapping of additional courses with the prescribed curriculum.

5.Open Electives

Students were informed about the availability of **Open Elective courses**, particularly the options that can be taken during the **5th and 6th semesters**. The importance of selecting electives based on individual interests, career goals, and areas of specialization was explained.

6.Clubs and Extracurricular Activities

The importance of active participation in **departmental clubs (EvolveAI and innovation club) and institutional clubs** was discussed. Students were encouraged to participate in:

- Technical clubs.
- Cultural and extracurricular activities.
- Competitions and events.
- Club-based technical activities.
- Activities that provide opportunities for teamwork, leadership, and communication-skill development.

It was also discussed that students should maintain a balance between academics and extracurricular participation.

7. Honours and Minor Degree

The availability and significance of pursuing an **Honours Degree** and **Minor Degree** were discussed. Students were encouraged to explore these options based on their academic interests and eligibility.

These additional academic pathways can help students gain deeper knowledge in their chosen specialization or develop interdisciplinary expertise.

8.NPTEL Courses

The students were introduced to **SWAYAM-NPTEL courses** as an opportunity for additional learning and certification. The importance of completing relevant NPTEL courses was highlighted, particularly courses related to:

- Artificial Intelligence
- Machine Learning
- Programming
- Data Science
- Emerging technologies

Students were encouraged to select courses that complement their AIML curriculum and career objectives.

9.Credit Courses and Curriculum Mapping

The session also discussed **credit-based courses, courses related to verticals** and the need to ensure that additional courses are appropriately mapped to the prescribed curriculum wherever applicable.

Students were advised to understand the credit requirements and academic guidelines before registering for additional courses.

Overall Outcome of the Session

The orientation session provided students with an overview of the various academic and extracurricular opportunities available during the AIML programme. The discussion helped students understand that their development should extend beyond classroom learning through skill enhancement, projects, certifications, research exposure, hackathons, open electives, clubs, and additional academic programmes.

Students were encouraged to plan their academic journey from the 3rd semester onwards and make informed use of the opportunities available to them.

Conclusion

The 3rd Semester AIML Department Orientation Session served as an informative platform for guiding students regarding their academic progression and overall professional development. The session emphasized the importance of **continuous skill development, project-based learning, NPTEL certifications, participation in clubs, open electives, Honours/Minor degree opportunities, and credit-based learning**. Students were encouraged to actively participate in these activities to enhance their knowledge, practical skills, and employability.





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Orientation Session

📅 15th September 2026
⌚ 09:30 AM - 11:00 AM
📍 Tejas Seminar Hall
👥 3rd Semester Students of AI & ML

Organisers		Convenor
KS Shashikala Sr. Asst. Professor	Puja Negi Asst. Professor	Dr. Vandana CP HoD - AI&ML

Organised by
Department of Artificial Intelligence and Machine Learning

Faculty Coordinators

HOD-AIML