



NEW HORIZON COLLEGE OF ENGINEERING

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

6th

BOARD OF STUDIES MEETING

DATE : 4th August 2026
VENUE : Dept. of AI & ML, NHCE
TIME : 11.00 am to 1.00 pm

Va 5/8/2026
HOD

Department of
Artificial Intelligence and Machine Learning
New Horizon College of Engineering
Ring Road, Bellandur Post, Bangalore - 560 103

Chandras
5/8/26

Professor & Vice Principal (Aca)
New Horizon College of Engineering
Bellandur Post, Bengaluru - 560103

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AGENDA FOR THE MEETING

Agenda 1: BE – Scheme (2025) and Syllabus for semester III & IV of Batch 2023-2027 – Discussion and Approval (NEP 160 Credits)

Agenda 2: BE - Scheme (2024) and Syllabus for semester V & VI of Batch 2024-2028 – Discussion and Approval (NEP 160 Credits)

Agenda 3: Department Vision, Mission, PEO and PSOs ratification

Agenda 4: Suggestions, Recommendations and Approval from Board of Members

Agenda 5: Concluding Remarks

LIST OF MEMBERS

S. No	Category	Nomination of the committee	Name of the Person	Designation & Affiliation
1	Head of the Department	BoS Chairperson	Dr. Vandana C. P	Associate Professor & Head of the Department, Dept. of Artificial Intelligence & Machine Learning, New Horizon College of Engineering hod_aiml@newhorizonindia.edu +91 9945721293
2	Special invitees (One academician from institution of National Eminence, IIT, NIT, IISC)	Principal	Dr. Manjunatha	Head of the Institution, New Horizon College of Engineering, principal@newhorizonindia.edu 91-80-66297777
		Vice Principal Academics	Dr. R. J. Anandhi	Professor & Vice Principal Academics New Horizon College of Engineering vp_academics@newhorizonindia.edu 91- 9845705705
		NIT	Dr. R Mohan	Associate Professor, Dept of Computer Science and Engineering, National Institute of Technology, Tiruchirapalli -620015, rmohan@nitt.edu 9442421326
3	Experts from outside the college nominated by VTU	Member		
		1	Dr. Vindhya P Malagi	Professor, HoD, Department of AI & ML, Dayananda Sagar College of Engineering, Bengaluru-560111 9902933340
4	Faculty member at different level	Members		
		1	Dr. Umamaheswaran S	<u>Professor</u> dr.umamaheswaran.nhce@newhorizonindia.edu <u>9677726319</u>

	with different specialization	2	Dr. Rajasree R S	Sr. Assistant Professor rajasreers.nhce@newhorizonindia.edu 7768008244 Placement Coordinator
		3	Dr. Sivakumar Raju	Director - Career Development Centre New Horizon Educational Institution Email: director_cdc@newhorizonindia.edu 97870 80005 / 96639 28931
5	Representative from Industry / Corporate sector / allied area related to placements, nominated by Academic Council	Members		
		1	Mr. Prasad L K	Founder & Managing Director, Acceleron Labs Ltd., Bangalore. lkprasad@acceleronlabs.com +91 96866 98600
		2	Mr. Satyam Jakkula	Senior Program Manager- Supplier Management, IBM, Bangalore satyam.jakkula@in.ibm.com +91 73874 88899
6	Co-opted members	Members		
		1	Dr. Sowmya H K	Associate Professor Sowmyahk.nhce@newhorizonindia.edu 9448060784
		2	Dr. Sreejith S	Associate Professor dr.sreejiths.nhce@newhorizonindia.edu 8547919798
		3	Dr. Sonia Maria D souza	Associate Professor soniamd.nhce@newhorizonindia.edu 9620204278
		4	Dr. Jimsha K Mathew	Associate Professor jimshakm.nhce@newhorizonindia.edu 9061594240
		5	Dr. Sanjeev P Kaulgud	Associate Professor dr.sanjeev.pk_aiml_nhce@newhorizonindia.edu 9008918882
		6	Dr. J. Karthiyayini	Associate professor karthiyayinij@newhorizonindia.edu 9731521707
		7	Dr. Akshatha P S	Associate Professor akshatha.ps_aiml_nhce@newhorizonindia.edu 9990881075
7	Meritorious Alumni	Members		
		1	Mr. Roopam Chowdary Rayanki	Associate AIML Engineer, Maersk Roopam.chowdary.rayanki@maersk.com

		2	Ms. Neehika P Settypalli	Data Analyst, Cabrillo Coastal neehikapvs@gmail.com 6361445038
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WELCOME ADDRESS BY THE CHAIRMAN OF BOS AND INTRODUCTION OF MEMBERS

Minutes

The **BOARD OF STUDIES (2026 – 27)** meeting was held on 4th August 2026 in hybrid mode 4 external members and 2 alumni along with internal members.

Dr. Vandana C.P., Chairman of BOS welcomed the BOS Committee members. She presented the agenda of the Board of Studies meeting to the members. She introduced the Internal and External BOS members. She started the discussion on the Scheme and syllabus of B.E semester III & IV of Batch 2025-2029, and followed by semester V & VI of Batch 2024-2028.

AGENDA - 1

TITLE

BE – Scheme (2025) and Syllabus for semester III & IV of Batch 2025-2029 – Discussion and Approval
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Minutes

1. Chairman of BOS, presented the scheme and syllabus of semester III and IV semesters of the 2025-2029 batch
2. The panel member proposed to have more design thinking skills amalgamated into the curriculum.. The panel members proposed inclusion of design thinking as value added programs / prerequisite for project.
3. Industry people/Alumni also can be engaged with the mini project / community project to be evaluated.
4. The panel members recommended Lab courses CIE assessment pattern can be 50% and 50% [25 marks to the Weekly Assessment and 25 marks for the Test].
5. One of the panel members suggested to allocate the Embedded Systems, Sensor Technology and programming in HDL courses to Electronics background experts.

AGENDA - 2

TITLE

BE – Scheme (2024) and Syllabus for semester V & VI of Batch 2024-2028 – Discussion and Approval (NEP 160 Credits)

Minutes

1. Chairman of BOS, presented the scheme and syllabus of semester V and VI of Batch 2024-2028.
 2. The panel members advised to include AGI – Artificial General Intelligence course in higher semester as a professional elective course.
 3. The panel members advised to share the knowledge about verticals during the Orientation program to students.
 4. Alumni recommended to give AZ900 fundamentals of Azure provided by Microsoft, instead of AWS certification.
 5. Industry expert suggested to include HPC (High-Performance Computing) as PEC course.
 6. Alumni suggested to use Pyspark for Big Data technologies lab instead of python.
 7. VTU Nominee suggested to include AI tools like Copilot, code walk for project evaluation metrics.
 8. Alumni recommended to use Browser Use and playwright for Intelligent software automation course..
 9. Alumni recommended to have Prompt Engineering to include as 1 module in the first year 'Introduction to AI' course.
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AGENDA - 3

TITLE

Department Vision, Mission, PEO and PSOs Ratification

Minutes

1. Dr. Vandana C.P presented the ratified department Vision, Mission, PEO and PSOs and expressed the need for ratification. The Vision and Mission alignment to Institution Vision and Mission is refined as part of this ratification.

2. The committee examined the statements in line with the institute's Vision, Mission, PEO and PSOs.
3. VTU Nominee suggested to get the stakeholder feedback regarding the ratification of Vision, Mission, PEO and PSOs.

AGENDA - 4

TITLE

Suggestions, Recommendations and Approval from Board of Members

The suggestions from various BOS members are presented as following:

Dr. Vindhya P Malagi (VTU Mission)

1. VTU Nominee suggested to move Design and Analysis of Algorithms to lower semester (4th semester)
2. She suggested to include mathematical courses related to AIML. BoS Chairman suggested the course content relate to mathematics offered in first and second year. VTU nominee suggested to infuse the mathematical concepts related to AI & ML models in lab also. Invoking the python packages for these models alone is not sufficient for AI&ML students. They must identify the application of mathematics behind these models.
3. Dr. Vindhya suggested 1 credit Problem solving skills course combination with Data Structures Lab in 3rd semester to free up 1 credit. However, BoS chairman explained the usage of Code Tantra platform for both Data structure and OOPs using Java Labs.
4. She suggested to move NLP to lower semester (5th semester) instead of Deep Learning course.
5. She suggested to refer the GATE syllabus while framing the syllabus so that course content becomes inclusive of GATE scope.
6. Suggested to move Full stack development for AI application to 5th semester and MLOps to 6th semester because, Mobile Application Development will also be in 6th semester.
7. Also suggested to keep more MLOps concepts that Devops concepts in the course.

Dr. R. Mohan, Associate Professor, NIT Trichy

1. Appreciated the syllabus content, suggested to include few more mathematical papers like linear algebra, statistical methods related to AIML in higher semester.

2. Also recommended to align the curriculum for higher studies aspirants /GATE candidates.

Mr. Prasad L.K, Industry Technical Expert

1. He suggested to give more importance for Design Thinking concepts in lab courses.
2. He suggested to send the students from lower semesters (3rd sem) to internship. Early readiness is need of time.
3. Utilization of AI tools for students project execution is mandatory. It is highly industry need. He also insisted that programming is now available as AI coders, hence using the tools is also required.

Mr. Satyam Jakkula, Industry Technical Expert

1. Suggested to include the usage of AI tools Claude for students also.
2. High-performance computing technologies course to be included in curriculum.
3. He suggested to give global certification courses related to open elective course to increase the placement activities.

Alumni

Mr. Roopam

1. Suggested to create a private department level GIT repository for the tracking innovative projects. So that all the stakeholders(alumni)can also review the innovative projects and mentor students.
2. He suggested to include Azure Databricks in Big Data Technologies
3. Alumni suggested to include tool like Kafka in Big Data Technologies.

Ms. Neehika P

1. Suggested the certification on Azure rather than AWS based. She explained her personal experience related to her certification.
2. She appreciated the college initiative to carry out scenario based questions even for Lab SEE examination. This will inculcate the logical thinking ability.

AGENDA - 5

TITLE

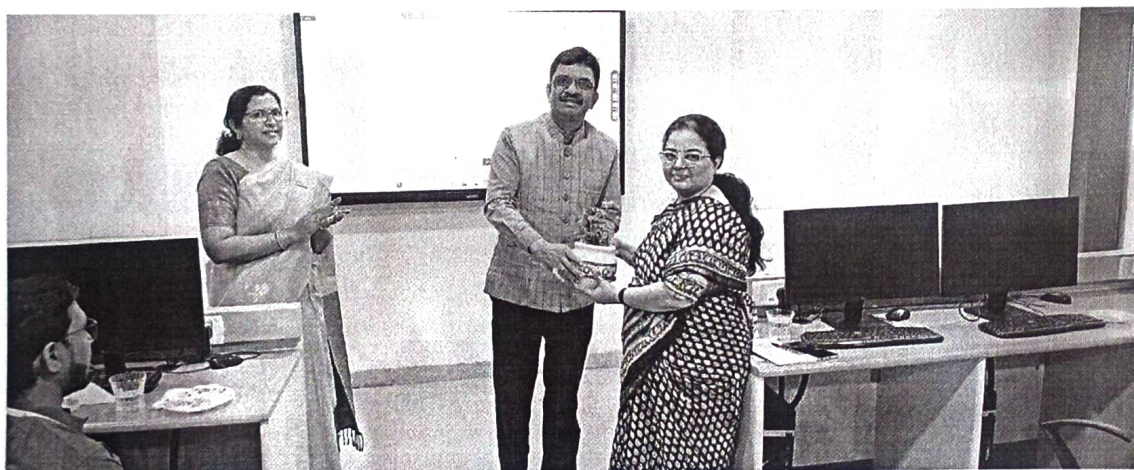
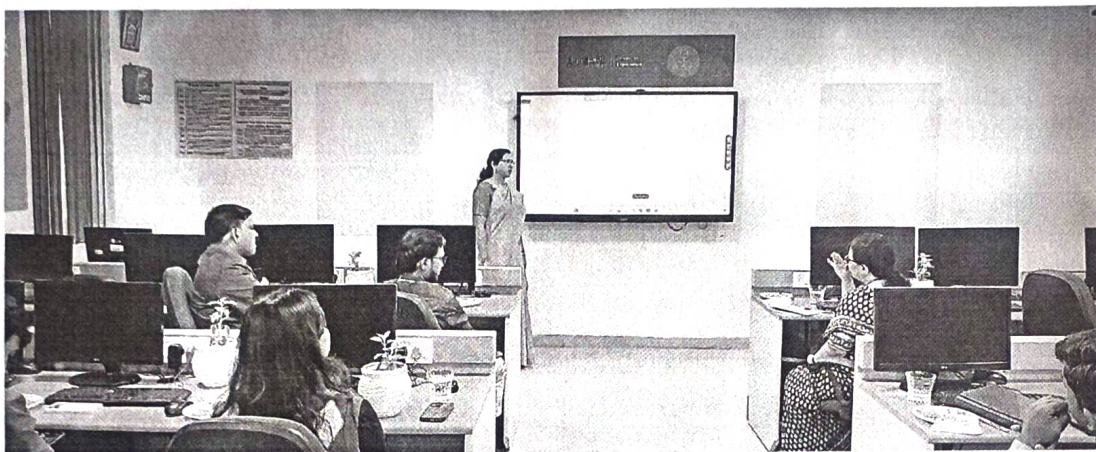
Concluding Remarks

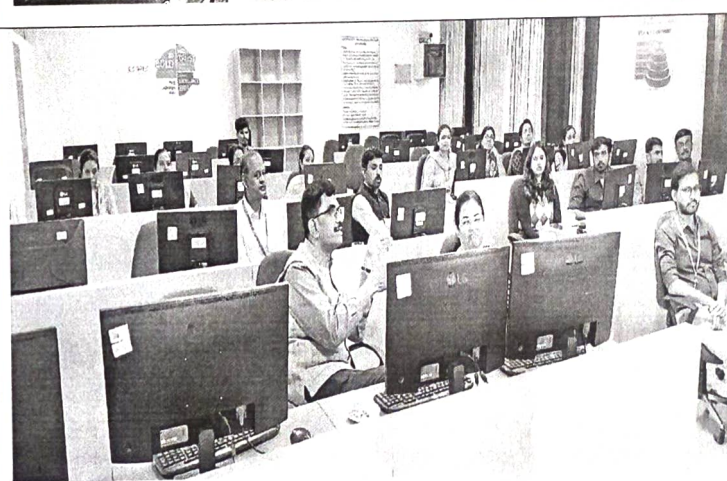
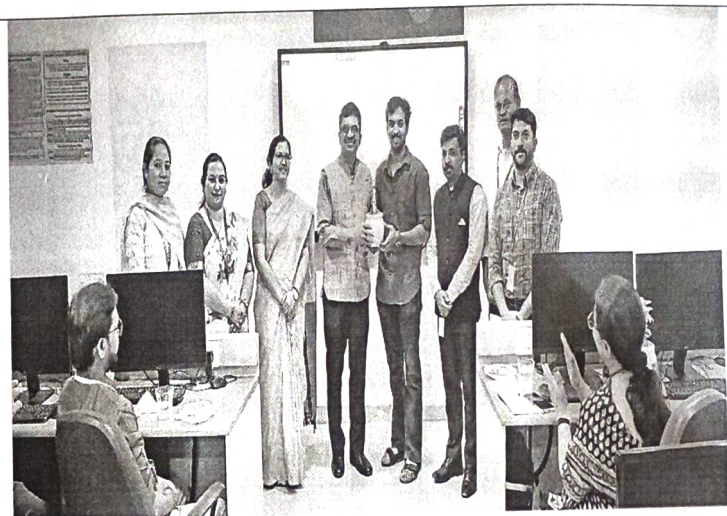
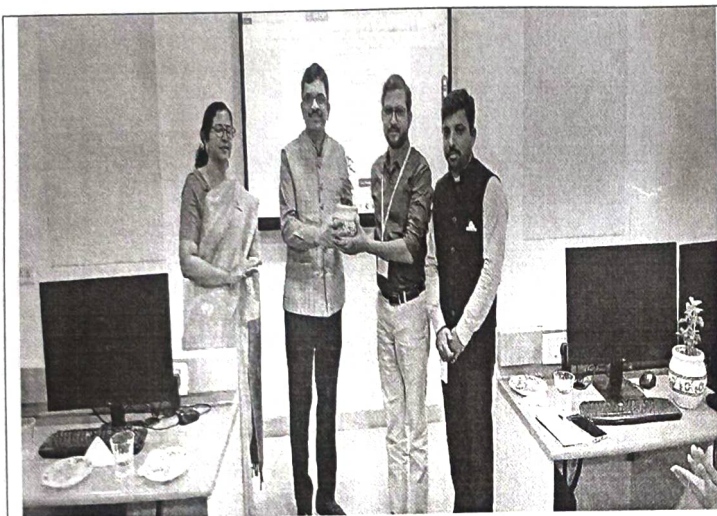
Minutes

1. BOS chairman enlightened that the students and faculty are trained to write proposals for funding agencies.

2. BOS chairman discussed and expressed her gratitude to the BOS members for their valuable comments and suggestions to enrich the syllabus.
3. VTU Nominee and Industry Experts approved the Scheme and Syllabus of 2024 and 2025.

SCREENSHOTS





VOTE OF THANKS BY THE CHAIRMAN-BOS

BOS Chairman delivered Vote of Thanks and appreciated each and every Member of the Board for their contribution and valuable suggestions provided.

for
BOS Coordinator

110 5/8/2026
Chairman BOS
HOD

Department of
Artificial Intelligence and Machine Learning
New Horizon College of Engineering
Ring Road, Bellandur Post, Bangalore - 560 103

Anand
Vice Principal - Academics
Professor & Head of Department
New Horizon College of Engineering
Ring Road, Bellandur Post, Near Marathalli
Bellandur Post, Bangalore - 560 103

Mayur
Principal
New Horizon College of Engineering
Ring Road, Bellandur Post, Near Marathalli
Bellandur Post, Bangalore - 560 103