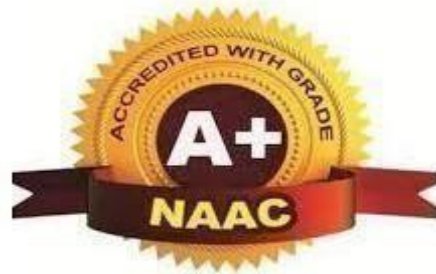




TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Mohgaon, Wardha Road, Nagpur - 441 108

An Autonomous Institute



Department
of

Artificial Intelligence and Machine Learning

**B.Tech. Artificial Intelligence and
Machine Learning**

Teaching Scheme

Considering

**National Education
Policy 2020**

From

Academic Year 2026-27

Vision of Institute

To emerge as a learning Center of Excellence in the National Ethos in domains of Science, Technology and Management.

Mission of Institute

1. To strive for rearing standard and stature of the students by practicing high standards of professional ethics, transparency and accountability.
2. To provide facilities and services to meet the challenges of Industry and Society.
3. To facilitate socially responsive research, innovation and entrepreneurship.
4. To ascertain holistic development of the students and staff members by inculcating knowledge and profession as work practices.

Vision of the Department

“To emerge as a learning Center of Excellence in the National Ethos in the domains of Artificial Intelligence & Machine Learning.”

Mission of the Department

- To provide quality technical education that equips students with practical skills and knowledge aligned with current industry standards and emerging technologies.
- To address societal and industrial challenges by fostering collaboration between academia, industry, and communities for inclusive development.
- To nurture innovation and entrepreneurial thinking by encouraging creativity, problem-solving, and the development of impactful solutions.
- To promote a culture of research, critical thinking, and continuous learning to empower stakeholders to adapt and thrive in a dynamic global landscape.

Program Education Objectives (PEO)

PEO 1: Develop strong analytical, predictive, and decision-making skills to formulate and solve complex problems in intelligent computing and interdisciplinary domains

PEO 2: Pursue advanced studies, engage in research, and drive innovation in Machine Learning and related fields, contributing to technological and scientific progress.

PEO 3: Apply technical knowledge with a commitment to ethical standards and professional integrity, ensuring stakeholder satisfaction and making a positive societal impact.

PEO 4: Embrace lifelong learning while upholding values of professional ethics, social responsibility, and environmental sustainability.

Program Outcomes (PO)

PO1: Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/ components/ processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: Engineering Tool Usage: Create, select and apply appropriate techniques,

resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PO7: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO8: Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

PO10: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

Program Specific Outcomes (PSO)

PSO 1:	Develop and apply AI/ML competencies using domains such as Computer Vision, Deep Learning, and MLOps to address real-world challenges across various sectors.
PSO 2:	Design and implement intelligent solutions by leveraging Natural Language Processing, Reinforcement Learning, and Robotics.
PSO 3:	Adopt engineering best practices and industry exposure to develop practical software systems and engage in impactful research activities.

**Scheme of Instruction for First Year of B. Tech. (UG) Programme
Group-A Semester – I (AIML/CSE/DS/IT)**

SN	Sem	Type	BoS/ Dept.	Sub. Code	Subject	T/P	Contact Hours				Credits	% Weightage				ESE Duration Hours
							L	P	SL	Hrs		CT/A	CA	ESE	TOTAL	
FIRST SEMESTER (GROUP-A)																
1	1	BSC	S&H	BSH41101	Linear Algebra and Calculus	T	4	0	2	6	4	30	10	60	100	3
2	1	BSC	S&H	BSH41102	Quantum, Optics & Computing	T	3	0	2	5	3	30	10	60	100	3
3	1	BSC	S&H	BSH41103	Quantum, Optics & Computing -Lab	P	0	2	-	2	1	25	-	25	50	-
4	1	ESC	ECE	BEC41101	Digital Circuits and Design	T	3	0	2	5	3	30	10	60	100	3
5	1	ESC	ECE	BEC41102	Digital Circuits and Design –Lab	P	0	2	-	2	1	25	-	25	50	-
6	1	ESC	CSE	BCS41101	Programming for Problem Solving	T	2	0	2	4	2	15	5	30	50	1
7	1	VSEC	CSE	BCS41102	Programming for Problem Solving-Lab	P	0	2	-	2	1	25	-	25	50	-
8	1	VSEC	S&H	BSH41105	Professional Etiquette	P	0	2	-	2	1	25	-	-	25	-
9	1	ESC	CSE	BCS41103	Elements of AI –Lab	P	0	2	2	4	1	25	-	25	50	-
10	1	AEC	S&H	BSH41104	Digital Wellness & Basic Communication Lab	P	0	4	-	4	2	50	-	-	50	-
11	1	CC	S&H	BSH41X01	Liberal Learning Module-I	P	0	4	-	4	2	50	-	-	50	-
TOTAL FIRST SEM							12	18	10	40	21	330	35	310	675	10

SECOND SEMESTER (GROUP-A)																
1	2	BSC	S&H	BSH41201	Differential Equation and Statistics	T	4	0	2	6	4	30	10	60	100	3
2	2	BSC	S&H	BSH41202	Advance Material	T	3	0	2	5	3	30	10	60	100	3
3	2	BSC	S&H	BSH41203	Advance Material –Lab	P	0	2	-	2	1	25	-	25	50	-
4	2	ESC	IT	BIT41201	Logic Development and Programming Design	T	3	0	2	5	3	30	10	60	100	3
5	2	ESC	IT	BIT41202	Logic Development and Programming Design-Lab	P	0	2	-	2	1	25	-	25	50	-
6	2	IKS	S&H	BSH41204	Indian Ancient Technology	T	2	0	2	4	2	15	5	30	50	1
7	2	ESC	ME	BME41201	Idea& Innovation –Lab	P	0	4	-	4	2	50	-	-	50	-
8	2	VSEC	IT	BIT41203	Web Designing-Lab	P	0	2	-	2	1	25	-	25	50	-
9	2	VSEC	S&H	BSH41205	Social Internship	P	0	2	-	2	1	25	-	-	25	-
10	2	PCC	IT	BIT41204	Python Programing-Lab	P	0	4	-	4	2	25	-	25	50	-
11	2	CC	S&H	BSH41Y01	Liberal Learning Module-II	P	0	4	-	4	2	50	-	-	50	-
TOTAL SECOND SEM							12	20	08	40	22	330	35	310	675	10

Course Category	BSC/ ESC (Basic Science Course/ Engineering Science Course.)	PCC (Programme Corecourses)	Multidisciplinary courses	VSEC (Skill Course)	Social Science & Management		Experiential Learning Courses	CC (Co-Curricular Courses)
					AEC(Ability Enhancement Course)	IKS (Indian Knowledge System)		
Credits SEM-I	08 / 07	--	--	02	02	--	--	02
Credits SEM-II	08 / 06	02	--	02	--	02		02
Cumulative Sum	16 / 13	02	--	04	02	02	--	04

PROGRESSIVE TOTAL CREDITS: 21 +22=43

**Department of Basic Sciences and Humanities****Scheme of Instruction for First Year of B. Tech. (UG) Programme
Group-A (AIML/CSE/DS/IT)****Liberal Learning Modules for SEM-I**

SN	Sem	Type	BoS/ Dept.	Sub. Code	Subject	TP	Contact Hours			Credits	Weightage		
							L	P	Hrs		INT (I-Certificate)	ESE (MCQ)	External Practical
1	1	CC	S&H	BSH41X01	Art of Theater	P	2	2	4	2	25	-	25
2	1	CC	S&H	BSH41X02	Fundamental of Music	P	2	2	4	2	25	-	25
3	1	CC	S&H	BSH41X03	CPD (Communication for Personality Development)	P	2	2	4	2	25	-	25
4	1	CC	S&H	BSH41X04	EBCD (Every Body Can Dance)	P	2	2	4	2	25	-	25
5	1	CC	S&H	BSH41X05	Yoga Practices & NSS	P	2	2	4	2	25	-	25
6	1	CC	S&H	BSH41X06	Interactive English (Level-1)	P	2	2	4	2	25	25	-
7	1	CC	S&H	BSH41X07	Gateway to Competitive Exams (Level-1)	P	2	2	4	2	25	25	-
8	1	CC	S&H	BSH41X08	Foreign Language -French (Level-1)	P	2	2	4	2	25	25	-
9	1	CC	S&H	BSH41X09	Foreign Language -German (Level-1)	P	2	2	4	2	25	25	-
10	1	CC	S&H	BSH41X10	Foreign Language -Japanese (Level-1)	P	2	2	4	2	25	25	-

Liberal Learning Modules for SEM-II

SN	Sem	Type	BoS/ Dept.	Sub. Code	Subject	TP	Contact Hours			Credits	Weightage		
							L	P	Hrs		INT (I-Certificate)	ESE (MCQ)	External Practical
1	2	CC	S&H	BSH42Y01	Art & Craft	P	2	2	4	2	25	-	25
2	2	CC	S&H	BSH42Y02	Poster & Video Design	P	2	2	4	2	25	-	25
3	2	CC	S&H	BSH42Y03	IPD (Integrated of Personality Development)	P	2	2	4	2	25	25	-
4	2	CC	S&H	BSH42Y04	Sports (Outdoor & Indoor)	P	2	2	4	2	25	-	25
5	2	CC	S&H	BSH42Y05	Indian Cuisine	P	2	2	4	2	25	-	25
6	2	CC	S&H	BSH42Y06	Interactive English (Level-2)	P	2	2	4	2	25	25	-
7	2	CC	S&H	BSH42Y07	Gateway to Competitive Exams (Level-2)	P	2	2	4	2	25	25	-
8	2	CC	S&H	BSH42Y08	Foreign Language -French (Level-2)	P	2	2	4	2	25	25	-
9	2	CC	S&H	BSH42Y09	Foreign Language -German (Level-2)	P	2	2	4	2	25	25	-
10	2	CC	S&H	BSH42Y010	Foreign Language -Japanese (Level-2)	P	2	2	4	2	25	25	-

				July, 2025	4.00	Applicable for AY 2025-26 Onwards
Chairperson	Dean Academics	Vice Principal	Principal	Date of Release	Version	



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Department of Artificial Intelligence & Machine Learning

Scheme of Instructions: Second Year B.Tech. in Artificial Intelligence and Machine Learning Semester--III

Sr. No.	Course Category	Course Code	Course Title	T/P	Contact Hours				Credits	Exam Scheme			ESE Duration (Hours)	Total Marks
					L	P	SL	Hrs.		CT/IA	CA	ESE		
1	PCC	BAI12301	Data Structures	T	3	-	-	3	3	30	10	60	3	100
2	PCC	BAI12302	Artificial Intelligence	T	3	-	-	3	3	30	10	60	3	100
3	MDM	BSH32309	Numerical Techniques and Data Analysis	T	2	-	-	2	2	14	6	30	2	50
4	OEC	BEC42303	Open Elective- I	T	4	-	-	4	4	30	10	60	3	100
5	HSSM	BBA32302	Entrepreneurship and Skill Development	T	2	-	-	2	2	14	6	30	2	50
6	VEC	BSH423	Sustainable Development Goal	T	2	-	-	2	2	14	6	30	2	50
7	PCC	BAI12303	Data Structures Lab	P	-	2	-	2	1	-	25	25	2	50
8	PCC	BAI12304	Advance Python Programming Lab	P	-	2	-	2	1	-	25	25	2	50
9	CEP	BAI12306	Community Project	P	-	4	-	4	2	-	50	50	2	100
10	AEC	BSH423	Liberal Learning Module-III	P	-	2	-	2	1	50	-	-	2	50
Total				-	14	14		28	21	182	148	370	23	700

Course Category	BSC/ESC (Basic Science Course/Engineering Science Course.)	PCC (Programme Core courses)	PEC (Programme Elective courses)	OEC (Open Elective Course)	Multi-disciplinary courses	VSEC (Skill Course)	VEC (Value Education Courses)	Humanities Social Science & Management		Experiential Learning Courses	CC (Liberal Learning Courses)
								AEC (Ability Enhancement Course)	IKS (Indian Knowledge System)		
Credits	-	8	-	4	2	-	2		3	2	-
Cumulative Sum	16/13	12	-	4	2	4	2		5	2	4

PROGRESSIVE TOTAL CREDITS: 43+21=64

				June, 2026	1.00	Applicable for AY 2026-27
Chairperson	Vice-Principal/ Director Academics	Director Administration	Principal	Date of Release	Version	



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Department of Artificial Intelligence & Machine Learning

Scheme of Instructions: Second Year B.Tech. in Artificial Intelligence and Machine Learning Semester--IV

Sr. No.	Course Category	Course Code	Course Title	T/P	Contact Hours			Credits	Exam Scheme			ESE Duration (Hours)	Total Marks
					L	P	Hrs.		CT/IA	CA	ESE		
1	PCC	BAI12401	Database Management System	T	4	-	4	4	30	10	60	3	100
2	PCC	BAI12402	Computer Architecture and Organization	T	3	-	3	3	30	10	60	3	100
3	MDM	BSH32402	Sampling Method & Estimation Theory	T	2	-	2	2	14	6	30	2	50
4	OEC	BAI12404	Introduction to Machine Learning (Open Elective-II.)	T	2	-	2	2	14	6	30	2	50
5	VSEC	BAI12403	AI Tools and Techniques	P	-	4	4	2	-	50	50	2	100
6	HSSM	BBA	Business Economics & Entrepreneurship	T	2	-	2	2	14	6	30	2	50
7	VEC	BSH	Intellectual Property Rights	T	2	-	2	2	14	6	30	2	50
8	PCC	BAI12405	Database Management System Lab	P	-	2	2	1	-	25	25	2	50
9	PCC	BAI12406	Data Analytics & Visualization Lab	P	-	2	2	1	-	25	25	2	50
10	AEC	BSH423	Liberal Learning Module-IV	P	-	2	2	1	50		-	-	50
Total				-	15	10	25	20	166	144	340	20	650

Course Category	BSC/ESC (Basic Science Course/Engineering Science Course.)	PCC (Programme Core courses)	PEC (Programme Elective courses)	OEC (Open Elective Course)	Multi-disciplinary courses	VSEC (Skill Course)	VEC (Value Education Courses)	Humanities Social Science & Management		Experiential Learning Courses	CC (Liberal Learning Courses)	VAC (Value added Course)
								AEC (Ability Enhancement Course)	IKS (Indian Knowledge System)			
Credits		9	-	2	2	2	2	3		-	-	-
Cumulative Sum	16/13	21	-	6	4	6	4	8		2	4	-

PROGRESSIVE TOTAL CREDITS: 64+20=84

				June, 2026	1.00	Applicable for AY 2026-27
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Department of Artificial Intelligence & Machine Learning

Scheme of Instructions: Second Year B.Tech. in Artificial Intelligence and Machine Learning Semester--V

Sr. No.	Course Category	Course Code	Course Title	T/P	Contact Hours			Credits	Exam Scheme			ESE Duration (Hours)	Total Marks
					L	P	Hrs.		CT/IA	CA	ESE		
1	PCC	BAI13501	Design and Analysis of Algorithms	T	4	-	4	4	30	10	60	3	100
2	PCC	BAI13502	Operating System	T	4	-	4	4	30	10	60	3	100
3	PEC	BAI13506-09	Professional Elective-I	T	4	-	4	4	30	10	60	3	100
4	MDM	BEC33510	Digital Signal Processing	T	4	-	4	4	30	10	60	3	100
5	OEC	BAI13510	Open Elective-III	T	2	-	2	2	14	06	30	2	50
6	PCC	BAI13503	Design and Analysis of Algorithms Lab	P	-	2	2	1	-	25	25	2	50
7	PCC	BAI13504	Operating System Lab	P	-	2	2	1	-	25	25	2	50
8	PCC	BAI13505	Data Engineering & Management	P	-	4	4	2	-	50	50	2	100
Total				-	18	8	26	22	134	146	370	20	650

Course Category	BSC/ESC (Basic Science Course/Engineering Science Course.)	PCC (Programme Core courses)	PEC (Programme Elective courses)	OEC (Open Elective Course)	Multi-disciplinary courses	VSEC (Skill Course)	VEC (Value Education Courses)	Humanities Social Science & Management		Experiential Learning Courses	CC (Liberal Learning Courses)	VAC (Value added Course)
								AEC (Ability Enhancement Course)	IKS (Indian Knowledge System)			
Credits	-	12	4	2	4	-	-	-	-	-	-	-
Cumulative Sum	16/13	33	4	8	8	6	4	8	2	4	-	-

PROGRESSIVE TOTAL CREDITS: 84+22=106

				June, 2026	1.00	Applicable for AY 2026-27
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Department of Artificial Intelligence & Machine Learning

Scheme of Instructions: Second Year B.Tech. in Artificial Intelligence and Machine Learning Semester--VI

Sr. No.	Course Category	Course Code	Course Title	T/P	Contact Hours			Credits	Exam Scheme			ESE Duration (Hours)	Total Marks
					L	P	Hrs.		CT/IA	CA	ESE		
1	PCC	BAI13601	Machine Learning	T	3	-	3	3	30	10	60	3	100
2	PCC	BAI13602	Computer Network	T	3	-	3	3	30	10	60	3	100
3	MDM	BEC33611	IoT & Embedded Computing	T	2	-	2	2	14	06	30	2	50
4	PCC	BAI13603	Machine Learning Lab	P	-	2	2	1	-	25	25	2	50
5	PCC	BAI13604	AI Web Development Lab	P	-	2	2	1	-	25	25	2	50
6	VSEC	BAI13605	AI System Design and Integration Lab.	P	-	4	4	2	-	50	50	2	100
7	PEC	BAI13605 - 08	Professional Elective-II	T	4	-	4	4	30	10	60	3	100
8	PEC	BAI13609 - 12	Professional Elective-III	T	4	-	4	4	30	10	60	3	100
	Project	BAI 13613	Mini Project (Based on AI)			2	2	1	-	25	25	2	50
Total				-	16	10	26	21	134	171	395	22	700

Course Category	BSC/ESC (Basic Science Course/Engineering Science Course.)	PCC (Programme Core courses)	PEC (Programme Elective courses)	OEC (Open Elective Course)	Multi-disciplinary courses	VSEC (Skill Course)	VEC (Value Education Courses)	Humanities Social Science & Management		Experiential Learning Courses	CC (Liberal Learning Courses)	VAC (Value added Course)
								AEC (Ability Enhancement Course)	IKS (Indian Knowledge System)			
Credits	-	8	8	-	2	2	-	-	-	1	-	-
Cumulative Sum	16/13	41	12	8	10	8	4	8	8	3	4	-

PROGRESSIVE TOTAL CREDITS: 106+21=127

				June, 2026	1.00	Applicable for AY 2026-27
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Department of Artificial Intelligence & Machine Learning

Scheme of Instructions: Second Year B.Tech. in Artificial Intelligence and Machine Learning Semester--VII

Sr. No.	Course Category	Course Code	Course Title	T/P	Contact Hours			Credits	Exam Scheme			ESE Duration (Hours)	Total Marks
					L	P	Hrs.		CT/IA	CA	ESE		
1	PCC	BAI14701	Deep Learning & NLP	T	4	-	4	4	30	10	60	3	100
2	PCC	BAI14702	Generative AI Techniques	T	4	-	4	4	30	10	60	3	100
3	PEC	BAI14703	Professional Elective - IV	T	4	-	4	4	30	10	60	3	100
4	PEC	BAI14704	Professional Elective - V	T	4	-	4	4	30	10	60	3	100
5	Project	BAI14705	Project (Major Project)	P	-	8	8	3	-	50	50	2	100
6	MDM	BEC34811	Robotics and Intelligent Systems	T	3	-	3	3	30	10	60	3	100
7	MDM	BEC34812	Robotics and Intelligent Systems Lab	p	-	2	2	1	-	25	25	2	50
Total				-	19	10	29	23	150	125	375	17	650

Course Category	BSC/ESC (Basic Science Course/Engineering Science Course.)	PCC (Programme Core courses)	PEC (Programme Elective courses)	OEC (Open Elective Course)	Multi-disciplinary courses	VSEC (Skill Course)	VEC (Value Education Courses)	Humanities Social Science & Management		Experiential Learning Courses	CC (Liberal Learning Courses)	VAC (Value added Course)
								AEC (Ability Enhancement Course)	IKS (Indian Knowledge System)			
Credits	-	8	8	-	4	-	-	-	-	3	-	-
Cumulative Sum	16/13	49	20	8	14	8	4	8	8	6	4	-

PROGRESSIVE TOTAL CREDITS: 127+23=150

				June, 2026	1.00	Applicable for AY 2026-27
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Department of Artificial Intelligence & Machine Learning

Scheme of Instructions: Second Year B.Tech. in Artificial Intelligence and Machine Learning Semester--VIII

Sr. No.	Course Category	Course Code	Course Title	T/P	Contact Hours			Credits	Exam Scheme			ESE Duration (Hours)	Total Marks
					L	P	Hrs.		CT/IA	CA	ESE		
1	RM	BAI14801	Research Methodology (Online)	T	4	-	4	4	-	25	75	3	100
3	Project	BAI14802	Internship	P	-	24	24	12	-	150	150	3	300
Total				-	4	24	28	16	-	200	300	6	500

Course Category	BSC/ESC (Basic Science Course/Engineering Science Course.)	PCC (Programme Core courses)	PEC (Programme Elective courses)	OEC (Open Elective Course)	Multi-disciplinary courses	VSEC (Skill Course)	VEC (Value Education Courses)	Humanities Social Science & Management		Experiential Learning Courses	CC (Liberal Learning Courses)	VAC (Value added Course)
								AEC (Ability Enhancement Course)	IKS (Indian Knowledge System)			
Credits		-	-	-	-	-	-	-	-	16	-	-
Cumulative Sum	16/13	49	20	8	14	8	4	8	8	22	4	-

PROGRESSIVE TOTAL CREDITS: 150+16=166

				June, 2026	1.00	Applicable for AY 2026-27
Chairperson	Vice-Principal/ Director Academics	Director Administration	Principal	Date of Release	Version	



Tulsiramji Gaikwad-Patil College of Engineering & Technology, Nagpur

(An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur)

Program: Artificial Intelligence and Machine Learning



List of Electives offered by




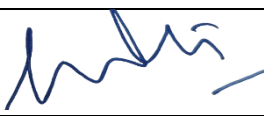
Artificial Intelligence and Machine Learning

Track Name	Course Code	Professional Elective- I	Course Code	Professional Elective- II	Course Code	Professional Elective- III
		Semester V		Semester VI		Semester VI
Intelligent Systems	BAI13506	Soft Computing	BAI13605	Intelligent Decision Systems	BAI13609	Enterprise AI Solutions (Generative AI with ERP + Chat boat)
Interactive and Immersive Technologies with Cloud Integration	BAI13507	Computer Graphics	BAI13606	Human-Computer Interaction (HCI)	BAI13610	Fundamentals of augmented realities
Data Engineering	BAI13508	Next generation databases	BAI13607	No SQL using MongoDB	BAI13611	Big data Analytics
Information Security	BAI13509	Information Security Fundamentals	BAI13608	Cryptography and Network Security	BAI13612	Web Application Security

Course Code	Professional Elective- IV	Course Code	Professional Elective-V
	Semester VII		Semester VII
BAI14702	Graph Neural Networks (GNNs)	BAI14805	Cognitive Intelligence
BAI14703	Cloud-Based AR/VR Applications	BAI14806	AWS Cloud Computing
BAI14704	Block chain Technology	BAI14807	Predictive Analytics
BAI14705	Blockchain Security	BAI14808	Biometric Security

List of Open Electives offered by Artificial Intelligence and Machine Learning

Course Code	Subject
BAI12307 (OE-I)	Data Visualization
BAI12407 (OE-II)	Introduction to Machine Learning
BAI13510 (OE-III)	Advance Machine Learning

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