



(An Autonomous Institution, affiliated to VTU, Belagavi, recognized by Karnataka and Approved by AICTE, New Delhi.)

Global Academy of Technology

B.E. in Artificial Intelligence and Data Science

Scheme of Teaching and Examinations 2025



III SEMESTER

III SEMESTER													
Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question and Paper Setting Board (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	BSC	BMATS24301	Discrete Mathematics	TD & PSB: MAT	3	0	0	0	03	50	50	100	3
2	IPCC	BAD24302	Operating Systems	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
3	IPCC	BAD24303	Data Science with Python	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
4	PCC	BAD24304	Data Structures and its Applications	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
5	PCCL	BADL24305	Data Structures Lab	TD & PSB: AIDS	0	0	2	0	03	50	50	100	1
6	ETC/PLC	BAD24306x	ETC/PLC	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
7	UHV	BSCK24307	Social Connect and Responsibility	Any Department	1	0	0	0	01	100	---	100	1
8	AEC/ SEC	BAD24358X	Ability Enhancement Course/Skill Enhancement Course - III	TD & PSB: AIDS	1	0	0	0	01	50	50	100	1
					0	0	2	0	02				
9	MC	BNSK24359	National Service Scheme (NSS)	NSS coordinator	0	0	2	0		100	---	100	0
		BPEK24359	Physical Education (PE) (Sports and Athletics)	Physical Education Director									
		BYOK24359	Yoga	Yoga Teacher									
		BLAK24359	Liberal Arts	Prominent NGO									
Total									550	350	900	20	

PCC: Professional Core Course, **PCCL:** Professional Core Course laboratory, **UHV:** Universal Human Value Course, **MC:** Mandatory Course (Non-credit), **AEC:** Ability Enhancement Course, **SEC:** Skill Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. K: This letter in the course code indicates common to all the stream of engineering. ESC: Engineering Science Course, ETC: Emerging Technology Course, PLC: Programming Language Course

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Emerging Technology Course /Programming Language Course (ETC/PLC)			
BAD24306A	Data Science and Statistics	BAD24306C	Computer Organization and Architecture
BAD24306B	Fuzzy logic and Decision making	BAD24306D	Introduction to Internet of Things
Ability Enhancement Course/Skill Enhancement Course - III			
BAD24358A	Unix Shell Programming	BAD24358C	PHP Programming
BAD24358B	Data Analytics using Excel	BAD24358D	MERN


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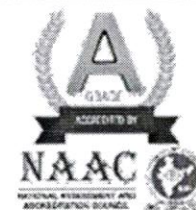


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IV SEMESTER

Sl. No	Course and Course Code		Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	Self-Study	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	BSC	BMATS24401	Probability and Graph Theory	TD & PSB: MAT	3	0	0	0	03	50	50	100	3
2	IPCC	BAD24402	Machine Learning - 1	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
3	PCC	BAD24403	Design and Analysis of Algorithms	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
4	PCC	BAD24404	Computer Networks	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
5	PCCL	BADL24405	Algorithms Laboratory	TD & PSB: AIDS	0	0	2	0	03	50	50	100	1
6	ETC/PLC	BAD24406X	ETC/PLC	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
7	AEC/ SEC	BAD24457X	Ability Enhancement Course/Skill Enhancement Course- IV	TD & PSB: AIDS	1	0	0	0	01	50	50	100	1
					0	0	2	0	02				
8	BSC	BBOK24407	Biology For Engineers	TD & PSB: BT, CHE	1	0	0	0	01	50	50	100	1
9	UHV	BUHK24408	Universal human values course	Any Department	1	0	0	0	01	50	50	100	1
10	MC	BNSK24459	National Service Scheme (NSS)	NSS coordinator	0	0	2	0		100	---	100	0
		BPEK24459	Physical Education (PE) (Sports and Athletics)	Physical Education Director									
		BYOK24459	Yoga	Yoga Teacher									
		BLAK24459	Liberal Arts	Prominent NGO									
Total									550	450	1000	20	

PCC: Professional Core Course, **PCCL:** Professional Core Course laboratory, **UHV:** Universal Human Value Course, **MC:** Mandatory Course (Non-credit), **AEC:** Ability Enhancement Course, **SEC:** Skill Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation, **K:** This letter in the course code indicates common to all the stream of engineering.

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Emerging Technology Course /Programming Language Course (ETC/PLC)			
BAD24406A	Image Processing	BAD24406C	Object Oriented Programming with C++
BAD24406B	Introduction to Data Mining	BAD24406D	Object Oriented Programming with Java
Ability Enhancement Course / Skill Enhancement Course – IV			
BAD24457A	Data Analytics with R	BAD24457C	Optimization Technique
BAD24457B	Project Management with GIT	BAD24457D	Mastering Data Visualization


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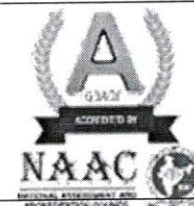


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B.E. in Artificial Intelligence and Data Science

Scheme of Teaching and Examinations 2025



V SEMESTER

I SEMESTER													
Sl. No	Course and Course Code		Course Title	Teaching Department (TD) and Question and Paper Setting Board (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	HSMC	BAD24501	Economics Management for IT Engineers	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
2	IPCC	BAD24502	Database Management & Systems	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
3	PCC	BAD24503	Machine Learning – 2	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
4	PCCL	BADL24504	Machine Learning Lab	TD & PSB: AIDS	0	0	2	0	03	50	50	100	1
5	PEC	BAD24505X	Professional Elective Course-1	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
6	AEC/SEC	BAD24556X	Skill Enhancement Course/Ability Enhancement Course-V	TD & PSB: AIDS	1	0	0	0	01	50	50	100	1
					0	0	2	0	02				
7	PROJ	BADP24507	Mini Project	TD & PSB:AIDS	0	0	4	0	03	100	-	100	2
8	AEC	BRMK24557	Research Methodology and IPR	Any Dept	2	2	0	0	03	50	50	100	3
9	MC	BESK24508	Environmental Studies	Civil	1	0	0	0	01	100	-	100	0
10	MC	BNSK24559	National Service Scheme (NSS)	NSS coordinator	0	0	2	0		100	-	100	0
		BPEK24559	Physical Education (PE) (Sports and Athletics)	Physical Education Director									
		BYOK24559	Yoga	Yoga Teacher									
		BLAK24559	Liberal Arts	Prominent NGO									
Total									650	350	1000	20	

PCC: Professional Core Course, **PCCL:** Professional Core Course laboratory, **UHV:** Universal Human Value Course, **MC:** Mandatory Course (Non-credit), **AEC:** Ability Enhancement Course, **SEC:** Skill Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation, **K:** This letter in the course code indicates common to all the stream of engineering. **ESC:** Engineering Science Course, **ETC:** Emerging Technology Course, **PAC:** Programming Language Course

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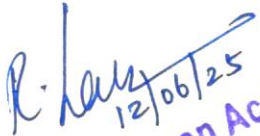
R. K. S.

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Professional Elective Course			
BAD24505A	Advanced Image Processing	BAD24505C	Social Network Analysis
BAD24505B	Web Technologies	BAD24505D	Advance Java
Skill Enhancement Course/Ability Enhancement Course-V			
BAD24556A	Course by Industry Expert -1	BAD24556C	Course by Industry Expert -3
BAD24556B	Course by Industry Expert -2	BAD24556D	Course by Industry Expert -4


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B.E. in Artificial Intelligence and Data Science

Scheme of Teaching and Examinations 2025



VI SEMESTER

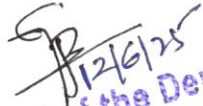
VI SEMESTER													
Sl. No	Course and Course Code		Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	IPCC	BAD24601	Big Data Analytics	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
2	PCC	BAD24602	Data Visualization using Tableau	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
3	PCC	BAD24603	Neural Networks & Deep Learning	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
4	PEC	BAD24604X	Professional Elective Course-2	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
5	OEC	BAD24605X	Open Elective Course-1	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
6	PROJ	BADP24606	Project Phase I	TD & PSB: AIDS	0	0	4	0	03	100	--	100	2
7	PCCL	BADL24607	Data Visualization Lab	TD & PSB: AIDS	0	0	2	0	03	50	50	100	1
8	SDC/AEC	BAD24657X	Skill Development Course (Online) / Ability Enhancement Course-VI	TD & PSB: AIDS	1	0	0	0	01	50	50	100	1
					0	0	2	0	02				
9	IKS	BIKS24608	Indian Knowledge System	Any Dept.	1	0	0	0	01	100	-	100	0
10	MC	BNSK24659	National Service Scheme (NSS)	NSS coordinator	0	0	2	0		100	---	100	0
		BPEK24659	Physical Education (PE) (Sports and Athletics)	Physical Education Director									
		BYOK24659	Yoga	Yoga Teacher									
		BLAK24659	Liberal Arts	Prominent NGO									
Total										650	350	1000	20

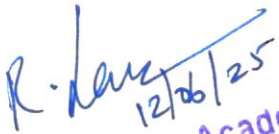
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Professional Elective Course-2			
BAD24604A	Software Engineering with AGILE Methodologies	BAD24604C	Quantum Computing
BAD24604B	Cryptography and Network Security	BAD24604D	Parallel Programming
Open Elective Course-1			
BAD24605A	Foundations of Data Science	BAD24605C	Introduction to Machine Learning
BAD24605B	Introduction to Big Data	BAD24605D	Introduction to Algorithms
Skill Development Course (Online) / Ability Enhancement Course-VI			
BAD24657A	NPTEL – IIT Kanpur AIML Algorithms	BAD24657C	NPTEL - IIT Madras Machine Learning for Engineers
BAD24657B	NPTEL – IIT Mumbai AIML Algorithms	BAD24657D	NPTEL – IIT Delhi Machine Learning for Engineers


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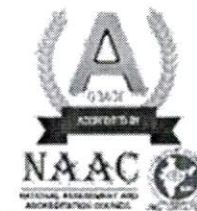

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B.E. in Artificial Intelligence and Data Science Scheme of Teaching and Examinations (AY 2024-25)



VII SEMESTER (Swappable VII and VIII Semester)

Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	IPCC	BAD24701	Natural Language Processing	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
2	IPCC	BAD24702	Advanced Data Visualization using Power BI	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
3	PCC	BAD24703	Deep Learning for Computer Vision	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
4	PEC	BAD24704X	Professional Elective Course / (Online) III	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
5	OEC	BAD24705X	Open Elective Course /(online) II	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
6	PROJ	BADP24706	Major Project Phase-II	TD & PSB: AIDS	0	0	14	0	03	100	100	200	7
										350	350	700	24

Professional Elective Course III

BAD24704A	Generative AI	BAD24704C	Cloud Computing
BAD24704B	AI in Cybersecurity	BAD24704D	UI/UX Design

Open Elective Course II

BAD24705A	Data Visualization	BAD24705C	Business Intelligence
BAD24705B	Introduction to NLP	BAD24705D	Data Security and Privacy

PCC: Professional Core Course, **PCCL:** Professional Core Course laboratory, **PEC:** Professional Elective Course, **OEC:** Open Elective Course **PR:** Project Work, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **TD-** Teaching Department, **PSB:** Paper Setting department, **OEC:** Open Elective Course, **PEC:** Professional Elective Course. **PROJ:** Project work

Note: VII and VIII semesters of IV years of the program

(1) Institutions can swap the VII and VIII Semester Schemes of Teaching and Examinations to accommodate research internships/ industry internships after the VI semester.

(2) Credits earned for the courses of VII and VIII Semester Scheme of Teaching and Examinations shall be counted against the corresponding semesters whether the VII or VIII semesters is completed during the beginning of the IV year or the later part of IV years of the program.

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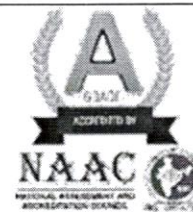


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B.E. in Artificial Intelligence and Data Science

Scheme of Teaching and Examinations (AY 2024-25)



VIII SEMESTER(Swappable VII and VIII Semester)

Sl. No	Course	Course Code	Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	PEC	BAD24801X	Professional Elective (Online Courses) IV	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
2	PEC	BAD24802X	Professional Elective (Online Courses) V	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
3	INT	BAD24803	Internship (Industry/Research) (14 - 20 weeks)	TD & PSB: AIDS	0	0	12	0	03	100	100	200	10
										200	200	400	16

Professional Elective Course (Online courses) IV

BAD24801A	Predictive Time Series Analysis	BAD24801C	Data Mining
BAD24801B	Ethical Artificial Intelligence	BAD24801D	Healthcare Analytics

Professional Elective Course (Online courses) V

BAD24802A	Blockchain Technologies	BAD24802C	Prompt Engineering
BAD24802B	Artificial Intelligence in Autonomous Vehicles	BAD24802D	Edge Computing

L: Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **TD-** Teaching Department, **PSB:** Paper Setting department, **OEC:** Open Elective Course, **PEC:** Professional Elective Course. **PROJ:** Project work, **INT:** Industry Internship / Research Internship / Rural Internship

Note: VII and VIII semesters of IV years of the program

Swapping Facility

- Institutions can swap VII and VIII Semester Scheme of Teaching and Examinations to accommodate **research internships/ industry internships/Rural Internship** after the VI semester.
- Credits earned for the courses of VII and VIII Semester Scheme of Teaching and Examinations shall be counted against the corresponding semesters whether VII or VIII semester is completed during the beginning of IV year or later part of IV year of the program.

Elucidation:

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At the beginning of IV years of the program i.e., after VI semester, VII semester classwork and VIII semester **Research Internship /Industrial Internship / Rural Internship** shall be permitted to be operated simultaneously by the University so that students have ample opportunity for an internship. In other words, a good percentage of the class shall attend VII semester classwork and a similar percentage of others shall attend to Research Internship or Industrial Internship or Rural Internship.

Research/Industrial /Rural Internship shall be carried out at an Industry, NGO, MSME, Innovation center, Incubation centre, Start-up, centre of Excellence (CoE), Study Centre established in the parent institute and /or at reputed research organizations/institutes.

The mandatory Research internship /Industry internship / Rural Internship is for 14 to 20 weeks. The internship shall be considered as a head of passing and shall be considered for the award of a degree. Those, who do not take up/complete the internship shall be declared to fail and shall have to complete it during the subsequent University examination after satisfying the internship requirements.

Research internship: A research internship is intended to offer the flavor of current research going on in the research field. It helps students get familiarized with the field and imparts the skill required for carrying out research.

Industry internship: Is an extended period of work experience undertaken by students to supplement their degree for professional development. It also helps them learn to overcome unexpected obstacles and successfully navigate organizations, perspectives, and cultures. Dealing with contingencies helps students recognize, appreciate, and adapt to organizational realities by tempering their knowledge with practical constraints.

Rural Internship: Rural development internship is an initiative of Unnat Bharat Abhiyan Cell, RGIT in association with AICTE to involve students of all departments studying in different academic years for exploring various opportunities in techno-social fields, to connect and work with Rural India for their upliftment.

The faculty coordinator or mentor has to monitor the student's internship progress and interact with them to guide for the successful completion of the internship.

The students are permitted to carry out the internship anywhere in India or abroad. University shall not bear any expenses incurred in respect of the internship.

With the consent of the internal guide and Principal of the Institution, students shall be allowed to carry out the internship at their hometown (**within or outside the state or abroad**), provided favorable facilities are available for the internship and the student remains regularly in contact with the internal guide. **University shall not bear any cost involved in carrying out the internship by students.** However, students can receive any financial assistance extended by the organization.

Professional Elective /Open Elective Course: These are ONLINE courses suggested by the respective Board of Studies. Details of these courses shall be made available for students on the VTU web portal.

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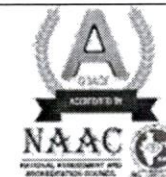


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B.E. in Artificial Intelligence and Data Science

Scheme of Teaching and Examinations 2025



VI SEMESTER(A)

Sl. No	Course and Course Code		Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours /Week				Examination				Credits
					Theory	Tutorial	Practical/ Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
					L	T	P	S					
1	IPCC	BAD24601	Big Data Analytics	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
2	PCC	BAD24602	Data Visualization using Tableau	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
3	PCC	BAD24603	Neural Networks & Deep Learning	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
4	PEC	BAD24604X	Professional Elective Course-2	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
5	OEC	BAD24605X	Open Elective Course-1	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
6	PROJ	BADP24606	Project Phase I	TD & PSB: AIDS	0	0	4	0	03	100	--	100	2
7	PCCL	BADL24607	Data Visualization Lab	TD & PSB: AIDS	0	0	2	0	03	50	50	100	1
8	AEC/ SDC	BAD24657X	Ability Enhancement Course-VI / Skill Development Course (Online)	TD & PSB: AIDS	1	0	0	0	01	50	50	100	1
					0	0	2	0	02				
9	IKS	BIKS24608	Indian Knowledge System	Any Dept.	1	0	0	0	01	100	-	100	0
10	MC	BNSK24659	National Service Scheme (NSS)	NSS coordinator	0	0	2	0		100	---	100	0
		BPEK24659	Physical Education (PE) (Sports and Athletics)	Physical Education Director									
		BYOK24659	Yoga	Yoga Teacher									
		BLAK24659	Liberal Arts	Prominent NGO									
Total										650	350	1000	20

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Professional Elective Course-2

BAD24604A	Software Engineering with AGILE Methodologies	BAD24604C	Quantum Computing
BAD24604B	Cryptography and Network Security	BAD24604D	Parallel Programming

Open Elective Course-1

BAD24605A	Foundations of Data Science	BAD24605C	Introduction to Machine Learning
BAD24605B	Introduction to Big Data	BAD24605D	Introduction to Algorithms

Skill Development Course (Online) / Ability Enhancement Course-VI

BAD24657A	NPTEL – IIT Kanpur AIML Algorithms	BAD24657C	NPTEL - IIT Madras Machine Learning for Engineers
BAD24657B	NPTEL – IIT Mumbai AIML Algorithms	BAD24657D	NPTEL – IIT Delhi Machine Learning for Engineers

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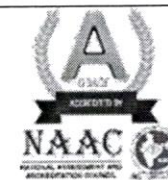


Global Academy of Technology

(An Autonomous Institution, affiliated to VTU, Belagavi, recognized by Karnataka and Approved by AICTE, New Delhi.)

B.E. in Artificial Intelligence and Data Science

Scheme of Teaching and Examinations 2025



VII and VIII semesters for the candidate those who seek an internship with project work (A)

Sl. No	Course and Course Code		Course Title	Teaching Department (TD) and Question Paper Setting Board (PSB)	Teaching Hours /Week				Examination				Credits
					Theory Lecture	Tutorial	Practical/ Drawing	SDA	Duration in hours	CIE Marks	SEE Marks	Total Marks	
1	IPCC	BAD24701	Natural Language Processing	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
2	IPCC	BAD24702	Advanced Data Visualization using Power BI	TD & PSB: AIDS	3	0	2	0	03	50	50	100	4
3	PCC	BAD24703	Deep Learning for Computer Vision	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
4	PEC	BAD24704X	Professional Elective Course / (Online) III	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
5	OEC	BAD24705X	Open Elective Course /(online) II	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
6	PEC	BAD24801X	Professional Elective (Online Courses) IV	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
7	PEC	BAD24802X	Professional Elective (Online Courses) V	TD & PSB: AIDS	3	0	0	0	03	50	50	100	3
8	INT	BAD24803	Internship (Industry/Research) (14 - 20 weeks)	TD & PSB: AIDS	0	0	12	0	03	100	100	200	10
9	PROJ	BADP24804	Major Project Phase-II	TD & PSB: AIDS	0	0	14	0	03	100	100	200	7
Total										550	550	1100	40

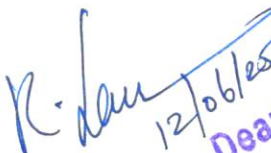
PCC: Professional Core Course, **PCCL:** Professional Core Course laboratory, **UHV:** Universal Human Value Course, **MC:** Mandatory Course (Non-credit), **AEC:** Ability Enhancement Course, **SEC:** Skill Enhancement Course, **L:** Lecture, **T:** Tutorial, **P:** Practical **S= SDA:** Skill Development Activity, **CIE:** Continuous Internal Evaluation, **SEE:** Semester End Evaluation. **K :** This letter in the course code indicates common to all the stream of engineering. **ESC:** Engineering Science Course, **ETC:** Emerging Technology Course, **PLC:** Programming Language Course

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Professional Elective Course III			
BAD24704A	Generative AI	BAD24704C	Cloud Computing
BAD24704B	AI in Cybersecurity	BAD24704D	UI/UX Design
Open Elective Course II			
BAD24705A	Data Visualization	BAD24705C	Business Intelligence
BAD24705B	Introduction to NLP	BAD24705D	Data Security and Privacy
Professional Elective Course (Online courses) IV			
BAD24801A	Predictive Time Series Analysis	BAD24801C	Data Mining
BAD24801B	Ethical Artificial Intelligence	BAD24801D	Healthcare Analytics
Professional Elective Course (Online courses) V			
BAD24802A	Block chain Technologies	BAD24802C	Prompt Engineering
BAD24802B	Artificial Intelligence in Autonomous Vehicles	BAD24802D	Edge Computing


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