

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Sr. No.	Program Name	Program Code	Name of the Course	Course Code	FOCUS AREA				Description
					Local	Regional	National	Global	
1	B. Tech	AGPH	Engineering Physics	AGPH-21101	√	√	√	√	Laser emission and Holography (helpful in advancements in local industries, such as telecommunications, manufacturing, and medical diagnostics), Quantum Mechanics(supports semiconductors and quantum computing which is leading to advancements in fields like electronics and communications), superconductors, nanomaterials (applications in efficient power systems, which is relevant for national energy strategies), Renewable energy region will benefit from students who understand superconductors and thermal management, Topics (laser technology, holography, and quantum mechanics) are at the forefront of global technological advancements. By incorporating these into the curriculum, students are prepared to engage with international standards and contribute to global technology developments,(heat transfer and material science) is critical for addressing global challenges such as climate change/sustainable energy, curriculum ensures that students are well-prepared to meet current and future challenges in engineering and technology
2	B. Tech	AGAM	Engineering Mathematics-I	AGAM-21101	√	√	√	√	This course is essential for developing critical thinking and problem-solving skills. It can be used to push the boundaries of technology and innovation. It reduces the risk of errors in design and analysis.
3	B. Tech	AGHU	English-I	AGHU-21101	√	√	√	√	The course is essential for developing linguistic and professional skills for establishment. It meet the needs and interests of their communities.
4	B. Tech	AGEE	Basic Electrical & Electronics Engineering	AGEE-21101	√	√	√	√	This course emphasises on how effective utilization of basic laws of Electrical and Electronics engineering for its various applications
5	B. Tech	AGHV	Human Values & Professional Ethics	AGHV-21101	√	√	√	√	This course helps to understand self and its existence with all levels of living i.e society, family and nature.
6	B. Tech	AGPH	Engineering Physics Lab	AGPH-21102	√	√	√	√	Engineering Physics laboratory experiments helps in bridging theoretical knowledge with practical application. Students gain hands-on experience with systems by aligning their skills with the needs of local businesses. Electrical and optical systems are integral to many national industries, including telecommunications, electronics, and manufacturing and training in these areas helps in creating a skilled workforce. It also contributing to regional competitiveness and development. Familiarity with advanced systems allows students to contribute to global technological advancements.Real-time applications are helpful for local infrastructure improvements. It also helps in preparing students to meet diverse and evolving developmental needs.
7	B. Tech	AGHU	English Lab-I	AGHU-21103	√	√	√	√	English Lab activities are helpful for developing listening and speaking skills i.e both verbal as well as non verbal skills proficiency.
8	B. Tech	AGEE	Basic Electrical & Electronics Engineering Lab	AGEE-21102	√	√	√	√	This course helps in practical application of various laws of electrical and electronics technology
9	B. Tech	AGMP	Manufacturing Practice	AGMP-21101	√	√	√	√	Manufacturing engineering requires the ability to plan the practices of manufacturing; to research and to develop tools, processes, machines, and equipment; and to integrate the facilities and systems for producing quality products with the optimum expenditure of capital.
10	B. Tech	AGCH	Engg. Chemistry	AGCH-21101	√	√	√	√	This course is essential for developing research and scientific skills by learning reaction mechanisms . It meet the needs and interests of their communities and help the students to explore the mechanisms and branches of chemistry that help them to work and earn in industry like petrochemical industries, oil refineries and polymer industries and provide them with a wider view of oppotunities after studying this subject.
11	B. Tech	AGES	Environmental Studies	AGES-21101	√	√	√	√	This course develops an approach in making strategies that can lead us towards sustainable development,helps to improve environmental health, and to promote awareness for social responsibilities.The knowledge integration of this subject will help to foster the present needs related to environment and will further help in creating resilient atmosphere and will further ensure the healthy living standards.
12	B. Tech	AGAM	Engineering Mathematics-II	AGAM-21102	√	√	√	√	This course helps to analyze economic trends, optimize resource distribution, and support industries like agriculture, manufacturing, and technology. It caters to the needs of the population and improve educational outcomes.
13	B. Tech	AGCS	Programming for Problem Solving	AGCS-21101	√	√	√	√	This course is essential for building skills in C, local communities can develop technical expertise, foster innovation, and create opportunities that drive economic and social development.
14	B. Tech	AGHU	English-II	AGHU-21102	√	√	√	√	This course helps to students understand day to day conversation and professional needs to write and speak.
15	B. Tech	AGHU	English Lab-II	AGHU-21104	√	√	√	√	English Lab activities are helpful for developing listening and speaking skills i.e both verbal as well as non verbal skills proficiency.
16	B. Tech	AGEE	Engg. Chemistry Lab	AGCH-21102	√	√	√	√	This course is essential for developing practical proficiency by learning reaction mechanism and technical skills.

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					Local	Regional	National	Global	
17	B. Tech	AGCH	Engineering Graphics	AGEG-21101	√	√	√	√	This course is used to convey information about an object. A common use is to specify the geometry necessary for the construction of a component and is called a detail drawing. Usually, a number of drawings are necessary to completely specify even a simple component. These drawings are linked together by a "master drawing."
18	B. Tech	AGCS	Programming for Problem Solving Lab	AGCS-21102	√	√	√	√	This course contributes to open-source projects that benefit the community, such as creating or customizing software for local languages, or building tools that solve community-specific problems. This fosters a culture of collaboration and knowledge sharing within the community.
19	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Business Organization and Management	BCOM 101-18	√	√	√	√	This course focuses on the basic roles, skills and functions of management, with special attention to managerial responsibility. It will use and focus on experiences, approaches and cases.
20	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Financial Accounting	BCOM 102-18	√	√	√	√	The aim of the course is to familiar students with basic concepts and principles of accounting and different types of accounts in business
21	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Managerial Economics	BCOMGE101-18	√	√	√	√	The objective of this course is to acquaint the students with the economic concepts and principles and to enable them to use them to address business problems in a globalized economic environment.
22	Bachelor of Commerce (Hons.)	B.Com (Hons.)	English	BTHU103/18	√	√	√	√	To enable students to learn and comprehend the written and spoken form of English language. To teach functional English to the learners and to polish their reading skills, writing skills and listening skills.
23	Bachelor of Commerce (Hons.)	B.Com (Hons.)	English Practical/Laboratory	BTHU104/18	√	√	√	√	To enable students to learn to evaluate their listening skills effectively and understand the fundamentals tools of communications. Also, Prepare for their forthcoming interviews with confidence and become independent users of English Language
24	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Human Values, De-addiction and Traffic Rules	HVPE101-18	√	√	√	√	This course will help students to learn about the fundamental goodness of people and society, and to understand human behavior, attitudes, and motivation. It also helps students develop a moral compass and make sound decisions in different situations.
25	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Human Values, De-addiction and Traffic Rules (Lab/Seminar)	HVPE102-18	√	√	√	√	This course will help students to learn about the fundamental goodness of people and society, and to understand human behavior, attitudes, and motivation. It also helps students develop a moral compass and make sound decisions in different situations.
26	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD102-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
27	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Cost Accounting	BCOM 201-18	√	√	√	√	This course aims to familiarize the students with the basics of Cost Accounting and acquaint them with the application of Cost Accounting tools and techniques to aid managerial decision-making. It also aims at making them aware of various latest developments in this field.
28	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Business Environment	BCOM 202-18	√	√	√	√	This course is studied to help businesses prepare for change, identify opportunities, and make strategic decisions.
29	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Business Statistics	BCOMGE201-18	√	√	√	√	The course aims to familiarize students with the basic statistical tools used to summarize and analyze quantitative information for decision making. Analysis of numbers is required for taking decisions related to every aspect of business
30	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Environmental Science	EVS102-18	√	√	√	√	The course aims to understand, analyze, and solve environmental problems using scientific methods and ethical principles.
31	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD202-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
32	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Management Accounting	BCOM 301-18	√	√	√	√	This course aims to provide understanding of concepts of management accounting relevant in business and to familiarize them with tools and techniques used in business decision making.
33	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mercantile Law	BCOM 302-18	√	√	√		The course provides the brief idea about the framework of Indian Business Laws. To orient students, about the legal aspects of business. Along with these the course aims to familiarize the students with case law studies related to Business Laws.
34	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Human Resource Management	BCOM 303-18	√	√	√	√	To provide an in-depth overview of the field of HRM, what are the roles and responsibilities of HR professionals how the primary functions affect the broader business strategy
35	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Indian Economy	BCOMGE 301-18	√	√	√		The purpose of this course is to familiarize the students with various aspects of Indian economy. It also aims to develop a perspective on the different problems and approaches to economic planning and development in India.

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					Local	Regional	National	Global	
36	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Workshop on IT tools for Business & E- Commerce	BCOMSEC 301-18	√	√	√	√	The course develop an understanding and practical exposure to different IT tools used as an aid in business and ecommerce. The aim is to equip the students with the relevant skills and working knowledge of various office management tools, Windows based operating systems and software packages such as Windows-95, 98, 2000-Professional, windows -XP and MS -Office. Further develop an understanding of the practices and technology required for the running an Ecommerce business
37	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD302-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
38	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Corporate Accounting	BCOM 401-18	√	√	√	√	This course enable the students to acquire the basic knowledge of the corporate accounting and to learn regulatory framework for preparing the financial statements of different corporations
39	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Company Law	BCOM 402-18	√	√	√		The objective of the course is to impart basic knowledge of the provisions of the Companies Act 2013. This course will provide better understanding of the different clauses of company law which a business manager must know for better decision making
40	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Income Tax Law & Practice	BCOM 403-18	√	√	√		The course provides enough knowledge on the basic principles and provisions of the Income tax Act and the relevant rules. To provide working knowledge on the different heads of Income and deductions and enable them to compute the total income and tax payable by an individual.
41	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Entrepreneurship Development	BCOMGE 401-18	√	√	√	√	The objective of the course is to make the student understand the concept and importance of entrepreneurship and facilitate generation of young entrepreneurs
42	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Workshop on Computerized Accounting	BCOMSEC 401-18	√	√	√	√	This course computers in accounting helps in annual savings in labour cost or increase in the volume of work handled by the existing staff.
43	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD402-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
44	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Financial Management	BCOM 501-18	√	√	√	√	To provide an in-depth understanding of the core finance functions and decisions in the area of corporate financial management. Further provide a practical and problem insight for effective financial decision-making
45	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Goods and Services Tax	BCOM 502-18	√	√	√		To provide conceptual knowledge of Goods and Service Tax and to enable the students to apply this knowledge in practical application of GST Laws
46	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD502-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
47	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Banking Services Management	BCOP 521-18	√	√	√		The course offers to the candidates the knowledge of different aspects of Banking along with thorough understanding of the practical application of the theory. The paper aims at acquainting the students, the concepts of Banking services and relevant aspects
48	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Insurance Services Management	BCOP 522-18	√	√	√	√	This course enables students to understand the different types of insurance policy products and its fundamental principles; Know about various management concepts that can be implemented in insurance service; Infer about the IRDA guidelines and Frauds
49	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Industrial Relations and Labour Laws	BCOM 601-18	√	√	√	√	To provide an idea and exposure to the industrial relations and various labor laws applicable to industries in India and to acquaint the students with ways to compute the emoluments and compensation payable to workers
50	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Operation Research	BCOM 602-18	√	√	√	√	This course aims at providing fundamental knowledge and exposure to the concepts, theories and practices in use of quantitative techniques for optimum decision making and to facilitate the students in appreciating need/significance and applications of various techniques of operation research in decision making
51	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD602-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
52	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Banking Laws & Services	BCOP 621-18	√	√	√	√	This course aims at providing fundamental knowledge and exposure to the concepts, theories and practices in use of quantitative techniques for optimum decision making and to facilitate the students in appreciating need/significance and applications of various techniques of operation research in decision making
53	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Risk Management & Insurance	BCOP 622-18	√	√	√	√	This course aims at providing fundamental knowledge and exposure to the concepts and theories of risk management and insurance and to facilitate the students in appreciating need/significance of various types of insurance to mitigate the risks

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54	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Business Organization and Management	BCOM 24101	√	√	√	√	This course focuses on the basic roles, skills and functions of management, with special attention to managerial responsibility. It will use and focus on experiences, approaches and cases.
55	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Financial Accounting	BCOM 24102	√	√	√	√	The aim of the course is to familiar students with basic concepts and principles of accounting and different types of accounts in business
56	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Managerial Economics	BCOM 24103	√	√	√	√	The objective of this course is to acquaint the students with the economic concepts and principles and to enable them to use them to address business problems in a globalized economic environment.
57	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Foundation Course in English - I	AEC 24101	√	√	√	√	To enable students to learn and comprehend the written and spoken form of English language. ☒ To teach functional English to the learners and to polish their reading skills, writing skills and listening skills.
58	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mercantile Law	BCOM 24104	√	√	√	√	The course provide the brief idea about the frame work of Indian Business Laws. To orient students, about the legal aspects of business. Along with these the course aims to familiarize the students with case law studies related to Business Laws.
59	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Workshop on IT Tools for business and e-commerce	BCOMSEC 24105-A	√	√	√	√	The course develop an understanding and practical exposure to different IT tools used as an aid in business and ecommerce. The aim is to equip the students with the relevant skills and working knowledge of various office management tools, Windows based operating systems and software packages such as Windows-95, 98, 2000-Professional, windows -XP and MS -Office. Further develop an understanding of the practices and technology required for the running an Ecommerce business
60	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Universal Human Values	VAC 24101	√	√	√	√	This course will help students to learn about the fundamental goodness of people and society, and to understand human behavior, attitudes, and motivation. It also helps students develop a moral compass and make sound decisions in different situations.
61	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Cost Accounting	BCOM 24201	√	√	√	√	This course aims to familiarize the students with the basics of Cost Accounting and acquaint them with the application of Cost Accounting tools and techniques to aid managerial decision-making. It also aims at making them aware of various latest developments in this field.
62	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Business Environment	BCOM 24202	√	√	√	√	This course is studied to help businesses prepare for change, identify opportunities, and make strategic decisions.
63	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Business Statistics	BCOM 24203	√	√	√	√	The course aims to familiarize students with the basic statistical tools used to summarize and analyze quantitative information for decision making. Analysis of numbers is required for taking decisions related to every aspect of business
64	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Business Research Methods-I	BCOM 24204	√	√	√	√	The course helps business owners and managers make informed decisions
65	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Foundation Course in English - II	AEC 24201	√	√	√	√	To enable students to learn and comprehend the written and spoken form of English language. ☒ To teach functional English to the learners and to polish their reading skills, writing skills and listening skills.
66	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Workshop on computerized Accounting	BCOMSEC 24105-B	√	√	√	√	This course can help you learn how to use software to keep accurate business accounts, and can lead to a career in accounting
67	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Environmental science	VAC 24201	√	√	√	√	The course aims to understand, analyze, and solve environmental problems using scientific methods and ethical principles.
68	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Management Accounting	BCOM 301-18	√	√	√	√	This course aims to provide understanding of concepts of management accounting relevant in business and to familiarize them with tools and techniques used in business decision making.
69	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mercantile Law	BCOM 302-18	√	√	√	√	The course provide the brief idea about the frame work of Indian Business Laws. To orient students, about the legal aspects of business. Along with these the course aims to familiarize the students with case law studies related to Business Laws.
70	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Human Resource Management	BCOM 303-18	√	√	√	√	To provide an in-depth overview of the field of HRM, what are the roles and responsibilities of HR professionals how the primary functions affect the broader business strategy
71	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Indian Economy	BCOMGE 301-18	√	√	√	√	The purpose of this course is to familiarize the students with various aspects of Indian economy. It also aims to develop a perspective on the different problems and approaches to economic planning and development in India.
72	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Workshop on IT tools for Business & E- Commerce	BCOMSEC 301-18	√	√	√	√	The course develop an understanding and practical exposure to different IT tools used as an aid in business and ecommerce. The aim is to equip the students with the relevant skills and working knowledge of various office management tools, Windows based operating systems and software packages such as Windows-95, 98, 2000-Professional, windows -XP and MS -Office. Further develop an understanding of the practices and technology required for the running an Ecommerce business
73	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD302-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.

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75	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Company Law	BCOM 402-18	√	√	√		The objective of the course is to impart basic knowledge of the provisions of the Companies Act 2013. This course will provide better understanding of the different clauses of company law which a business manager must know for better decision making
76	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Income Tax Law & Practice	BCOM 403-18	√	√	√		The course provides enough knowledge on the basic principles and provisions of the Income tax Act and the relevant rules. To provide working knowledge on the different heads of Income and deductions and enable them to compute the total income and tax payable by an individual.
77	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Entrepreneurship Development	BCOMGE 401-18	√	√	√	√	The objective of the course is to make the student understand the concept and importance of entrepreneurship and facilitate generation of young entrepreneurs
78	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Workshop on Computerized Accounting	BCOMSEC 401-18	√	√	√	√	This course computers in accounting helps in annual savings in labour cost or increase in the volume of work handled by the existing staff.
79	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD402-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
80	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Financial Management	BCOM 501-18	√	√	√	√	To provide an in-depth understanding of the core finance functions and decisions in the area of corporate financial management. Further provide a practical and problem insight for effective financial decision-making
81	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Goods and Services Tax	BCOM 502-18	√	√	√		To provide conceptual knowledge of Goods and Service Tax and to enable the students to apply this knowledge in practical application of GST Laws
82	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD502-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
83	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Banking Services Management	BCOP 521-18	√	√	√		The course offers to the candidates the knowledge of different aspects of Banking along with thorough understanding of the practical application of the theory. The paper aims at acquainting the students, the concepts of Banking services and relevant aspects
84	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Insurance Services Management	BCOP 522-18	√	√	√	√	This course enables students to understand the different types of insurance policy products and its fundamental principles; Know about various management concepts that can be implemented in insurance service; Infer about the IRDA guidelines and Frauds
85	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Industrial Relations and Labour Laws	BCOM 601-18	√	√	√	√	To provide an idea and exposure to the industrial relations and various labor laws applicable to industries in India and to acquaint the students with ways to compute the emoluments and compensation payable to workers
86	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Operation Research	BCOM 602-18	√	√	√	√	This course aims at providing fundamental knowledge and exposure to the concepts, theories and practices in use of quantitative techniques for optimum decision making and to facilitate the students in appreciating need/significance and applications of various techniques of operation research in decision making
87	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Mentoring and Professional Development	BMPD602-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
88	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Banking Laws & Services	BCOP 621-18	√	√	√	√	This course aims at providing fundamental knowledge and exposure to the concepts, theories and practices in use of quantitative techniques for optimum decision making and to facilitate the students in appreciating need/significance and applications of various techniques of operation research in decision making
89	Bachelor of Commerce (Hons.)	B.Com (Hons.)	Risk Management & Insurance	BCOP 622-18	√	√	√	√	This course aims at providing fundamental knowledge and exposure to the concepts and theories of risk management and insurance and to facilitate the students in appreciating need/significance of various types of insurance to mitigate the risks
90	Bachelor of Business Administration	BBA	Principles and Practices of Management	BBA 24101	√	√	√	√	the course aims at providing fundamental knowledge and exposure to the concepts, theories and practices in the field of management. And to facilitate the students in appreciating need/significance and applications of various managerial functions.
91	Bachelor of Business Administration	BBA	Basic Accounting	BBA 24102	√	√	√		This course aims to acquaint students with foundation of financial accountancy and its application in business. It also aims to familiarize students with regulatory framework of accounting in India.
92	Bachelor of Business Administration	BBA	Managerial Economics I	BBA 24103	√	√	√		The primary objective of this course is to equip students with the necessary economic concepts, principles, theory and techniques and enhance their managerial decision making to address business problems in a globalized economic environment.

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93	Bachelor of Business Administration	BBA	Foundation course English- I	AEC 24101	√	√	√	√	To enable students to learn and comprehend the written and spoken form of English language. ☒ To teach functional English to the learners and to polish their reading skills, writing skills and listening skills.
94	Bachelor of Business Administration	BBA	E-Commerce	BBA 24104	√	√	√	√	E-commerce affects many areas of a company, including warehousing, logistics, accounting, finance, marketing, and sales.
95	Bachelor of Business Administration	BBA	Universail Human values	VAC 24101 (X)	√	√	√	√	This course will help students to learn about the fundamental goodness of people and society, and to understand human behavior, attitudes, and motivation. It also helps students develop a moral compass and make sound decisions in different situations.
96	Bachelor of Business Administration	BBA	IT Tools for Business	BBASEC 24105 (X)	√	√	√	√	The purpose of this course is to provide a through exposure to the operating and office management tools available in different packages. A student can be exposed to the working knowledge of Windows based operating systems and software packages such as Windows-95, 98, 2000-Professional, windows -XP and MS -Office.
97	Bachelor of Business Administration	BBA	Business Statistics	BBA 24201	√	√	√	√	The objective of the course on Business Statistics is to familiarize students with the basic statistical tools used to summarize and analyze quantitative information for decision making. Analysis of numbers is required for taking decisions related to every aspect of business.
98	Bachelor of Business Administration	BBA	Business Environment	BBA 24202	√	√	√	√	The objective of this paper is to acquaint students with the issues of business environment in which corporate sector has to operate. It will also familiarize them with the techniques available for scanning and monitoring the environment. It also aims at providing some basic knowledge about international environment pertaining to business.
99	Bachelor of Business Administration	BBA	Managerial Economics II	BBA 24203	√	√	√	√	This course aims to acquaint students with economy as a whole including measurement of national income, inflation and unemployment, which an objective to inculcate understanding of macroeconomic environment of an economy for better decision making.
100	Bachelor of Business Administration	BBA	Environmental Studies	VAC 24201	√	√	√	√	The course aims to understand, analyze, and solve environmental problems using scientific methods and ethical principles.
101	Bachelor of Business Administration	BBA	Business Ethics and CSR	BBASEC 24105 (X)	√	√	√	√	This paper aims at providing the students the understanding of ethical issues related to business and good governance necessary for long term survival of business.
102	Bachelor of Business Administration	BBA	Foundation of English II	AEC 24201	√	√	√	√	To enable students to learn and comprehend the written and spoken form of English language. ☒ To teach functional English to the learners and to polish their reading skills, writing skills and listening skills.
103	Bachelor of Business Administration	BBA	Business Research Method	BBA 24204	√	√	√	√	The course helps business owners and managers make informed decisions
104	Bachelor of Business Administration	BBA	Organizational Behaviour	BBA301-18	√	√	√	√	This course emphasizes the importance of human capital in the organizations of today. It gives an insight to the students regarding individual and group behaviour in any organization.
105	Bachelor of Business Administration	BBA	Marketing Management	BBA 302-18	√	√	√	√	Marketing is one of the foremost functions of Management in present day corporate world, its understanding results in developing best products in terms of goods and services that brings consumer satisfaction. This course will imbibe the basic understanding among the students to become successful marketers.
106	Bachelor of Business Administration	BBA	Cost & Management Accounting	BBA 303-18	√	√	√	√	To impart the students, knowledge about the use of financial, cost and other data for the purpose of managerial planning, control and decision making.
107	Bachelor of Business Administration	BBA	Production and Operation Management	BBAGE 301-18	√	√	√	√	The course aims at developing knowledge about various steps of product, design, development, plant location, storage, production planning and control.
108	Bachelor of Business Administration	BBA	IT tools for Business	BBASEC 301-18	√	√	√	√	The purpose of this course is to provide a through exposure to the operating and office management tools available in different packages. A student can be exposed to the working knowledge of Windows based operating systems and software packages such as Windows-95, 98, 2000-Professional, windows -XP and MS -Office.
109	Bachelor of Business Administration	BBA	Mentoring and Professional Development	BMPD302-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
110	Bachelor of Business Administration	BBA	Business Research Methods	BBA401-18	√	√	√		The course aims at equipping students with an understanding of the research process, tools and techniques in order to facilitate managerial decision making.
111	Bachelor of Business Administration	BBA	Human Resource Management	BBA 402-18	√	√	√	√	To provide an in-depth overview of the field of HRM, what are the roles and responsibilities of HR professionals how the primary functions affect the broader business strategy.
112	Bachelor of Business Administration	BBA	Financial Management	BBA 403-18	√	√	√	√	To develop a conceptual clarity and basic understanding of the fundamentals of corporate finance among the students. Further help them comprehend its practical applicability in the corporate world.

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Sr. No.	Program Name	Program Code	Name of the Course	Course Code	FOCUS AREA				Description
					Local	Regional	National	Global	
113	Bachelor of Business Administration	BBA	Entrepreneurship Development	BBAGE 401-18	√	√	√		The objective of the course is to make the student understand the concept and importance of entrepreneurship and facilitate generation of young entrepreneurs.
114	Bachelor of Business Administration	BBA	Business Ethics and Corporate Social Responsibility	BBASEC 401-18	√	√	√	√	This paper aims at providing the students the understanding of ethical issues related to business and good governance necessary for long term survival of business.
115	Bachelor of Business Administration	BBA	Mentoring and Professional Development	BMPD402-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
116	Bachelor of Business Administration	BBA	Operation Research	BBA501-18	√	√	√	√	This course aims at providing fundamental knowledge and exposure to the concepts, theories and practices in use of quantitative techniques for optimum decision making and to facilitate the students in understanding the need/significance and applications of various techniques of operation research in decision making.
117	Bachelor of Business Administration	BBA	Mercantile Law	BBA502-18	√	√	√		To provide the brief idea about the framework of Indian business laws. To familiarize students, about the legal aspects of business. Along with these the course aims to familiarize the students with case law studies related to business laws
118	Bachelor of Business Administration	BBA	Mentoring and Professional Development	BMPD502-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
119	Bachelor of Business Administration	BBA	Consumer Behaviour	BBA 511-18	√	√	√	√	This course aims at enabling students to understand the various aspects of consumer behaviour, the external and internal factors that influence consumer behaviour and to apply this understanding for the development of marketing strategy.
120	Bachelor of Business Administration	BBA	Advertising and Sales Management	BBA 512-18	√	√	√	√	The course aims at providing fundamental knowledge and exposure to the students regarding the concepts, trends and practices in the field of advertising and sales management.
121	Bachelor of Business Administration	BBA	Corporate Accounting	BBA 521-18	√	√	√		To provide a basic knowledge of the concepts, principles and practices in Corporate Accounting. To enable the students to have an understanding about the provisions of the Companies Act, 2013 relating to preparation of financial statements of companies.
122	Bachelor of Business Administration	BBA	Financial Markets & Services	BBA 522-18	√	√	√	√	The Course aims at providing the students, basic knowledge about the Finance concepts, markets and various services provided in those markets.
123	Bachelor of Business Administration	BBA	Industrial Relations & Labour Law	BBA 531-18	√	√	√		The course aims at providing fundamental knowledge and exposure to the industrial relations and related aspects prevailing in industries and to familiarize the students with various Labour Legislations applicable to businesses.
124	Bachelor of Business Administration	BBA	Organisation Change & Development	BBA 532-18	√	√	√	√	The basic objective is to acquaint the students with the concepts underlying organizational change and development and to explore the practice of change management and to examine individual group and organizational reactions to change.
125	Bachelor of Business Administration	BBA	Strategy Management	BBA601-18	√	√	√	√	The objective is to develop an understanding of corporate strategy formulation, implementation and its evaluation. The aim is to develop an understanding of how organizational strategies are formulated and implemented in a changing global environment.
126	Bachelor of Business Administration	BBA	Company Law	BBA602-18	√	√	√		The course aims at providing basic knowledge of the provisions of the Companies Act 2013. The course will enable the students to abide by the corporate laws.
127	Bachelor of Business Administration	BBA	Mentoring and Professional Development	BMPD602-18	√				This course will help students in their Personal growth. Mentorship can help people grow personally and professionally.
128	Bachelor of Business Administration	BBA	Services Marketing	BBA 611-18	√	√	√	√	The course aims to develop an understanding about the fundamentals of marketing of services and the service marketing mix. The course will also provide an insight into service quality and delivery mechanisms.
129	Bachelor of Business Administration	BBA	Retailing and Logistics Management	BBA 612-18	√	√	√		The objective is to develop an understanding of modern day retailing and its management. It also aims to gain familiarity with logistic and supply change management and its importance in business.
130	Bachelor of Business Administration	BBA	Personal Financial Planning	BBA 621-18	√	√	√		The objective of this course is to enable the students to analyze their personal financial decisions, evaluate the costs and benefits of their decisions, recognize their rights and responsibilities as consumers, and apply the knowledge learned in school to financial situations encountered later in life.
131	Bachelor of Business Administration	BBA	Direct and Indirect Tax Laws	BBA 622-18	√	√	√		To acquaint the students with underlying provisions of direct and indirect tax laws and to develop a broad understanding of the tax laws and accepted tax practices.
132	Bachelor of Business Administration	BBA	Training & Development	BBA-631	√	√	√	√	The course aims at developing knowledge about concepts, process, methods and evaluation of training and development.

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					Local	Regional	National	Global	
133	Bachelor of Business Administration	BBA	Cross Cultural Human Resource Management	BBA-632	√	√	√	√	World is now global village. In this globalised world managers of international organizations have to travel across the world. They had to interact, manage people from various cultures. So they need to understand different cultures and respect cross culture differences. This course will help them to understand various cultures and they will learn to manage cross cultural differences.
134	B. Tech in Civil Engineering	AGCE	Design of Steel Structures-II	AGCE-21701	√	√	√	√	This course deals with a structure body or combination of pieces of the rigid bodies in space that form a fitness system for supporting loads and resisting moments. The effects of loads and moments on structures are determined through structural analysis.
135	B. Tech in Civil Engineering	AGCE	Irrigation Engineering-II	AGCE-21702	√	√	√	√	Water scarcity and inefficient water resource management technologies are the main challenges in developing countries like India. India has only 4% of the World's freshwater resources, out of which 85 % of water is used for agriculture. Irrigation is the backbone of agriculture, and the efficient utilisation of irrigation water is possible only by the adoption of highly efficient irrigation methods, such as micro irrigation.
136	B. Tech in Civil Engineering	AGCE	Bridge Engineering	AGCE-21703E (Professional Elective Course- III)	√	√	√	√	This course on "Bridge Engineering" aims at knowledge development of principles of engineering mechanics, load transfer mechanisms, analysis methodologies, design principles, damage mechanics, failure mechanisms, construction, inspection, maintenance, repair and retrofit strategies in the realm of bridge engineering.
137	B. Tech in Civil Engineering	AGCE	Solid Waste Management	AGCE-21703A (Professional Elective Course- III)	√	√	√	√	This course deals with the solid-waste management, the collecting, treating, and disposing of solid material that is discarded because it has served its purpose or is no longer useful. Improper disposal of municipal solid waste can create unsanitary conditions, and these conditions in turn can lead to pollution of the environment.
138	B. Tech in Civil Engineering	AGCE	Disaster Management	AGOE-217yy (Open Elective Course)	√	√	√	√	It is expected would create a basis to work towards preparedness and also help us develop a culture of safety and prevention. The understanding of disaster risk reduction perspective would be useful. While disasters are generally seen as an outcome of catastrophic natural events, the idea of pre-existing vulnerabilities is equally important.
139	B. Tech in Civil Engineering	AGCE	Project	AGCE 21704	√	√	√	√	a project with an anticipated cost for services greater than that allowed by the routine contract procedure or a project of a complex or specialized nature, which includes technical work requiring special licenses or certifications, new building technologies or processes, historical renovations etc.
140	B. Tech in Civil Engineering	AGCE	Irrigation Engineering Drawing	AGCE 21705	√	√	√	√	Irrigation structures plays vital role in controlling and diverting water flows in the canals and reservoirs. In government sectors Engineer's should have complete understanding about various design and drawing specifications of irrigation structures like canal regulator, aqueduct, tank sluice and surplus weir.
141	B. Tech in Civil Engineering	AGCE	Design of Steel Structures Lab	AGCE 21706	√	√	√	√	Computer-aided design (CAD) is the use of computers (or workstations) to aid in the creation, modification, analysis, or optimization of a design. This software is used to increase the productivity of the designer, improve the quality of design, improve communications through documentation, and to create a database for manufacturing.
142	B. Tech in Civil Engineering	AGCE	Semester Training	AGCE - 21801	√	√	√	√	The Industrial Training indicates to a program which aims to provide a managed good practical training within a particular time frame. This training is provided by both government organizations and in the private sector..
143	MCA	PGCA	Computer Programming using C	PGCA-B1	√	√	√	√	The course serves an introductory step for students helping them understand basics of algorithm development and logic building. This course not only equips learners with essential programming skills but also enhances their ability to contribute to local, regional, national and global technology.
144	MCA	PGCA	Computer Science Essentials	PGCA-B2	√	√	√	√	It provides essential knowledge that prepare students for more advanced studies in computer science and related fields. It is a crucial course that lays the groundwork for students to engage with and contribute to the evolving world of technology at all level.
145	MCA	PGCA	Discrete Structures & Optimization	PGCA1917	√	√	√	√	this course equip students with the tools needed to solve complex problems . It is a vital course that empower students with the skills necessary to navigate and innovate in complex technical environment.
146	MCA	PGCA	Programming in Python	PGCA1951	√	√	√	√	Python simplicity and readability make it ideal for beginner allowing them to quickly start building applications. The skill gained from this course are highly versatile and widely applicable.
147	MCA	PGCA	Advanced Data Structures	PGCA1952	√	√	√	√	It allow students to optimize software applications improve the efficiency of local IT system, and develop innovative solution for specific community needs. The knowledge gained in this course enable students to tackle complex challenges and drive innovation in various context.
148	MCA	PGCA	Advanced Database Management System	PGCA1953	√	√		√	this course is pivotal program that prepare students to design, manage and optimize complex databases. This course enable student to play a key role in data driven world.

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149	MCA	PGCA	Technical Communication	PGCA1905	√	√	√	√	The skills gained in this course enable students to bridge the gap between technical expert and non expert, ensuring that complex information is accessible and understandable to all.
150	MCA	PGCA	Data Structures using Python Laboratory	PGCA1954		√	√	√	The course is the crucial component of education that prepare students to apply knowledge their knowledge of data structure in practical and real world scenarios. This course equiped students with the skills necessary to excel in a wide range of professional and academic context.
151	MCA	PGCA	Advanced Database Management System Laboratory	PGCA1955	√	√	√		The practical skill gained from this course prepare students to design, manage and optimize complex databases across a variety of context.
152	MCA	PGCA	Technical Communication Laboratory	PGCA1908	√				The hands on experience gained in this course enable students to bridge the gap between technical expertise and public understanding making them in valuable in a wide range of professional and academic settings.
153	MCA	PGCA	Web Technologies	PGCA1909	√	√		√	As the scope broadens from local to global, the technologies and practices involved become increasingly sophisticated, requiring more resources, specialized expertise, and advanced infrastructure to manage the growing demands of larger and more diverse user bases.
154	MCA	PGCA	Design & Analysis of Algorithms	PGCA1920	√	√	√	√	The courses are cutting-edge, preparing students for international careers and global challenges. The complexity and scope of the course content and delivery increase as the context broadens from local to global, requiring more advanced resources, expertise, and infrastructure.
155	MCA	PGCA	Advanced Java	PGCA1918	√	√	√	√	As the scope broadens from local to global, the complexity of the content increases, requiring more advanced resources, expertise, and infrastructure to meet the diverse and evolving demands of the industry.
156	MCA	PGCA	Linux Administration	PGCA1956	√	√		√	The course is cutting-edge, preparing students for international careers and equipping them with the skills needed to manage complex, globally distributed Linux environments. As the scope broadens from local to global, the complexity and breadth of the content increase, requiring more advanced resources, expertise, and infrastructure to meet the diverse and evolving demands of the industry.
157	MCA	PGCA	Information Security & Cyber Law	PGCA1932	√	√	√	√	The course addresses the complexities of international cyber law, global cybersecurity challenges, and the legal issues arising from cross-border cybercrime. As the scope expands from local to global, the content becomes more complex, requiring a deeper understanding of diverse legal frameworks, advanced cybersecurity threats, and the global collaboration needed to tackle cybercrime.
158	MCA	PGCA	Web Technologies Laboratory	PGCA1914	√	√	√	√	The course is cutting-edge, equipping students with the skills needed to develop and deploy web applications on an international scale, addressing the complexities of global web standards, security, and performance optimization. As the scope expands from local to global, the course content becomes more sophisticated, requiring deeper technical knowledge and a broader understanding of the global web development landscape.
159	MCA	PGCA	Advanced Java Laboratory	PGCA1922	√	√	√	√	The course is equipping students with the skills needed to develop and deploy Java applications on an international scale, addressing the complexities of global software standards, performance optimization. the course content becomes more sophisticated, requiring deeper technical knowledge and a broader understanding of the global software development landscape.
160	MCA	PGCA	Linux Administration Laboratory	PGCA1957	√	√	√	√	It is an international scale, addressing the complexities of global IT operations, cloud administration, and compliance with international standards. As the scope expands from local to global, the course content becomes more sophisticated, requiring deeper technical knowledge and a broader understanding of the global IT landscape.
161	MCA	PGCA	Advanced Computer Networking	PGCA1925	√				The course deals with students with the skills needed to manage and design networks on an international scale, addressing the complexities of global networking, cybersecurity, and cloud integration. As the scope expands from local to global, the course content becomes more sophisticated, requiring deeper technical knowledge and a broader understanding of the global networking landscape.
162	MCA	PGCA	Artificial Intelligence & Soft Computing	PGCA1926	√	√	√	√	This course, AI and soft computing are integral to various levels of society, influencing local, regional, national, and global contexts in diverse ways. Their applications and impacts continue to evolve as technology advances and societal needs change.
163	MCA	PGCA	Theory of Computation	PGCA1927	√	√	√	√	It is a fundamental area of study with broad applications and impacts across local, regional, national, and global contexts. It supports the development of efficient algorithms and systems, influences technology policy, and drives innovation in various fields.
164	MCA	PGCA	Advanced Computer Networking Laboratory	PGCA1928	√	√	√	√	It is crucial at all levels for developing practical skills in network management and optimization. Its impact ranges from improving local IT services to supporting national and global networking infrastructures, driving innovation, and addressing complex networking challenges across various scales.

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					Local	Regional	National	Global	
165	MCA	PGCA	Artificial Intelligence & Soft Computing Laboratory	PGCA1929	√	√	√	√	It equips students and professionals with practical skills to drive technological innovation and address a wide range of problems using AI and soft computing techniques.
166	MCA	PGCA	e-Commerce and Digital Marketing	PGCA1921	√	√	√	√	It equips students and professionals with the skills needed to thrive in the digital marketplace and address diverse challenges in online commerce and marketing.
167	MCA	PGCA	e-Commerce and Digital Marketing Laboratory	PGCA1974	√	√	√		The e-Commerce and Digital Marketing Laboratory course provides hands-on experience with practical tools and techniques at all levels, from local to global. It helps students and professionals develop the skills needed to manage and optimize e-commerce operations and digital marketing strategies effectively across various scales.
168	MCA	PGCA	Data Mining and Business Intelligence	PGCA1972	√	√	√	√	This course provides essential skills for analyzing and leveraging data at all levels, from local to global. It supports effective decision-making by equipping students and professionals with the tools and techniques needed to transform data into actionable insights, driving improvements and strategic initiatives across various contexts.
169	MCA	PGCA	Summer/Institutional Training	PGCA1969	√	√	√	√	It provide a perspective on international markets and global challenges, fostering global collaboration and career growth.
170	MCA	PGCA	Software Project Management	PGCA1930	√	√	√	√	It equips individuals with the skills to manage software projects effectively, tailored to the specific needs and challenges of each context. Locally, it supports small-scale projects; regionally, it addresses larger, multi-locality projects; nationally, it handles significant national initiatives; and globally, it enables effective management of international projects.
171	MCA	PGCA	Optimization Techniques	PGCA1971	√		√		The course provides essential skills for solving problems and improving decision-making at all levels. Locally, it helps with small-scale optimizations; regionally, it addresses multi-locality challenges; nationally, it handles large-scale systems and policies; and globally, it supports international optimization efforts and global strategic initiatives.
172	MCA	PGCA	Data Mining and Business Intelligence	PGCA1972	√	√	√	√	This course equips individuals with skills to analyze and leverage data at various levels. Locally, it helps businesses understand and optimize local operations; regionally, it supports multi-locality strategies and challenges; nationally, it drives large-scale decision-making and policy development; and globally, it enables organizations to navigate international markets and global issues.
173	MCA	PGCA	Enterprise Resource Planning	PGCA1973.	√	√	√	√	The course provides essential skills for implementing and managing ERP systems at various levels. Locally, it supports small-scale operations; regionally, it optimizes multi-locality processes; nationally, it handles large-scale and complex business operations; and globally, it integrates international business functions and supports global strategic initiatives.
174	MCA	PGCA	Mobile Applications Development	PGCA1933	√	√	√	√	This Course provides critical skills for creating and managing mobile apps across various levels. Locally, it supports small-scale and community-specific projects; regionally, it addresses regional needs and preferences; nationally, it enables large-scale, nationwide solutions; and globally, it supports the development of apps that cater to international markets and diverse user bases.
175	MCA	PGCA	Mobile Applications Development Laboratory	PGCA1934	√	√	√	√	This course emphasises hands-on experience in building mobile apps across various contexts. Locally, it focuses on small-scale and community-specific apps; regionally, it addresses regional needs and preferences; nationally, it supports large-scale, nationwide solutions; and globally, it facilitates the development of apps for international markets and diverse audiences.
176	MCA	PGCA	Simulation & Modelling	PGCA1935	√	√	√	√	The course provides essential skills for creating and analyzing models at various levels. Locally, it addresses specific community and operational issues; regionally, it optimizes systems across multiple localities; nationally, it supports large-scale planning and policy-making; and globally, it facilitates the understanding of complex international systems and challenges.
177	MCA	PGCA	Simulation & Modelling Laboratory	PGCA1936	√	√	√	√	The course provides hands-on experience with simulation tools and techniques at various levels. Locally, it focuses on specific community and operational issues; regionally, it addresses multi-locality scenarios; nationally, it handles large-scale systems and policy impacts; and globally, it facilitates the analysis of international systems and challenges.
178	MCA	PGCA	Software Testing & Quality Assurance	PGCA1931	√	√	√	√	This course provides essential skills for ensuring the quality of software products at various levels. Locally, it focuses on small-scale and community-specific applications; regionally, it addresses multi-locality and regional needs; nationally, it handles large-scale and complex software systems; and globally, it supports the testing of international software and compliance with global standards.
179	MCA	PGCA	Software Testing & Quality Assurance Laboratory	PGCA1975	√	√	√	√	The course emphasises hands-on experience in testing software at various levels. Locally, it focuses on community and small-scale applications; regionally, it addresses multi-locality systems and regional needs; nationally, it handles large-scale and complex software projects; and globally, it supports the testing of international software and compliance with global standards.

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					Local	Regional	National	Global	
180	MCA	PGCA	Machine Learning & Data Analytics using Python	PGCA1976	√	√	√	√	The course equips individuals with skills to analyze and model data at different levels. Locally, it focuses on small-scale and community-specific data; regionally, it addresses multi-locality data and regional needs; nationally, it handles large-scale datasets and national issues; and globally, it supports international data analysis and global problem-solving.
181	MCA	PGCA	Advanced Web Technologies	PGCA1958	√	√	√	√	The course provides essential skills for developing modern web solutions at various levels. Locally, it focuses on enhancing local websites and applications; regionally, it addresses multi-locality and regional needs; nationally, it handles large-scale and complex web systems; and globally, it supports the development of international web applications and compliance with global standards.
182	MCA	PGCA	Machine Learning & Data Analytics using Python Laboratory	PGCA1977	√	√	√	√	The course offers practical, hands-on experience with data analysis and machine learning across various contexts. Locally, it focuses on community-specific projects; regionally, it handles multi-locality datasets and regional issues; nationally, it addresses large-scale national data and problems; and globally, it supports international data analysis and global challenges.
183	MCA	PGCA	Advanced Web Technologies Laboratory	PGCA1960	√	√	√	√	The course emphasises practical experience in developing sophisticated web applications at various levels. Locally, it focuses on community and small-scale projects; regionally, it addresses multi-locality and regional needs; nationally, it handles large-scale and complex systems; and globally, it supports the creation of international web solutions and compliance with global standards.
184	MCA	PGCA	Cloud Computing	PGCA1937	√	√	√	√	The course provides essential knowledge and skills for managing cloud technologies at various levels. Locally, it focuses on small-scale cloud applications and services; regionally, it addresses multi-location and regional needs; nationally, it handles large-scale and enterprise cloud solutions; and globally, it supports international cloud operations and compliance with global standards.
185	MCA	PGCA	Cloud Computing Laboratory	PGCA1938	√	√	√	√	It provides practical experience in using and managing cloud technologies at various levels. Locally, it focuses on small-scale and community-specific cloud projects; regionally, it addresses multi-location and regional cloud solutions; nationally, it handles large-scale and enterprise cloud deployments; and globally, it supports international cloud operations and compliance with global standards.
186	MCA	PGCA	Research/Technical Seminar	PGCA1961	√	√	√	√	This course emphasises a valuable platform for discussing and presenting research and technical developments at different levels. Locally, it focuses on community-specific and institutional research; regionally, it addresses multi-locality and regional issues; nationally, it covers broader research and technical developments with national impact; and globally, it facilitates international collaboration and discussion on global research and technological advancements.
187	MCA	PGCA	Project	PGCA1962	√	√	√	√	It offers practical experience in applying knowledge and skills to real-world problems and opportunities at various levels. Locally, it addresses community-specific issues; regionally, it focuses on multi-locality challenges; nationally, it handles large-scale and country-wide projects; and globally, it supports international collaboration and solutions to global challenges.

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					Local	Regional	National	Global	
188	MCA	PGCA	Digital Image Processing	PGCA1963	√	√	√	√	It equips students with the skills to apply image processing techniques at various levels. Locally, it focuses on community-specific applications; regionally, it addresses broader regional issues; nationally, it handles large-scale and country-wide projects; and globally, it supports international research and solutions to global challenges.
189	MCA	PGCA	Digital Image Processing Laboratory	PGCA1964	√	√	√	√	The course offers hands-on experience with image processing techniques at various levels. Locally, it addresses community-specific projects; regionally, it focuses on broader regional issues; nationally, it involves large-scale and country-wide applications; and globally, it supports international research and solutions to global challenges.
190	MCA	PGCA	NLP and Speech Recognition	PGCA1965	√	√	√	√	The course provides essential skills for developing and applying language and speech technologies at different levels. Locally, it focuses on community-specific needs; regionally, it addresses diverse languages and dialects within a region; nationally, it handles large-scale projects with country-wide impact; and globally, it supports international language and speech technologies and cross-cultural applications.
191	MCA	PGCA	NLP and Speech Recognition Laboratory	PGCA1966	√	√	√	√	It offers hands-on experience with language and speech technologies at various levels. Locally, it focuses on community-specific applications; regionally, it addresses diverse linguistic needs within a region; nationally, it involves large-scale projects with country-wide implications; and globally, it supports international projects and technologies that enhance global communication and understanding.
192	MCA	PGCA	IOT &Blockchain Technology	PGCA1967	√	√	√	√	The course equips students with the skills to apply these technologies at various levels. Locally, it focuses on community-specific applications; regionally, it addresses broader infrastructure and data needs; nationally, it involves large-scale systems and projects with country-wide implications; and globally, it supports international collaboration and solutions that tackle global challenges.
193	MCA	PGCA	IOT &Blockchain Technology Laboratory	PGCA1968	√	√	√	√	The course offers practical experience with integrating IoT and blockchain technologies at various levels. Locally, it focuses on community-specific projects; regionally, it addresses broader infrastructure and data needs; nationally, it involves large-scale systems and solutions with country-wide implications; and globally, it supports international collaborations and solutions to global challenges.
194	BCA	UGCA	Mathematics	UGCA1901	√	√	√	√	The Mathematics course provides essential skills and knowledge applicable at various levels. Locally, it supports community-specific applications and educational growth; regionally, it addresses broader infrastructure and planning needs; nationally, it aids in large-scale projects and policy-making; and globally, it contributes to international research, innovation, and problem-solving.
195	BCA	UGCA	Fundamentals of Computer and IT	UGCA1902	√	√	√	√	This course is related with the fundamentals of computer system.
196	BCA	UGCA	Problem Solving using C	UGCA1903	√	√	√	√	It provides essential knowledge that prepare students for more advanced studies in computer science and related fields. It is a crucial course that lays the groundwork for students to engage with and contribute to the evolving world of technology at all level.
197	BCA	UGCA	Workshop on Desktop Publishing	UGCA1904	√	√	√	√	This course can be relevant and impactful at different levels, from local communities to the global stage, providing participants with valuable skills that are applicable across various industries and contexts.
198	BCA	UGCA	Problem Solving using C Laboratory	UGCA1905	√	√	√	√	This course provides students with skills that are applicable across the global tech industry, enabling them to work on international projects, contribute to open-source communities, and participate in the global software development ecosystem.

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					Local	Regional	National	Global	
199	BCA	UGCA	Fundamentals of computer and IT Laboratory	UGCA1906	√	√	√	√	This course is universally applicable skills that form the backbone of the modern digital economy. This course prepares students to engage with global IT standards, understand international best practices, and work within multinational environments. As technology continues to evolve rapidly, these foundational skills provide the basis for lifelong learning and adaptability in the global job market, enabling students to pursue careers in IT across different countries and cultural contexts.
200	BCA	UGCA	English	BTHU103/18	√	√	√	√	This course prepares students to participate in the global economy, access international educational opportunities, and engage with the global community. English language proficiency is essential for careers in multinational corporations, international organizations, and academia. The course also enables students to consume global media, access a vast array of information online, and communicate with people from different cultures around the world.
201	BCA	UGCA	English Practical/Laboratory	BTHU104/18	√	√	√	√	The practical English course equips students with the skills needed to participate in global conversations, work in multinational companies, and engage in international collaborations. The emphasis on listening, speaking, and writing in English ensures that students can confidently interact in diverse cultural settings, access global media and information, and contribute to global discussions on issues of international importance.
202	BCA	UGCA	Human Values, De-addiction and Traffic Rules	HVPE101-18	√	√	√	√	This course prepares students to navigate the complexities of an interconnected world by instilling universal human values such as respect, tolerance, and empathy. In an era where substance abuse is a global public health challenge, the course's focus on de-addiction equips students with knowledge that transcends borders, enabling them to advocate for healthy lifestyles and contribute to international efforts against addiction.
203	BCA	UGCA	Human Values, De-addiction and Traffic Rules (Lab/Seminar)	HVPE102-18	√	√	√	√	The course emphasizes the global nature of human values and road safety, preparing students to act responsibly and ethically no matter where they are in the world. It also connects students with international movements and campaigns, enabling them to contribute to global efforts in combating addiction and promoting road safety.
204	BCA	UGCA	Mentoring and Professional Development	BMPD102-18	√				It prepares them to participate in international mentoring networks, engage with global professional communities, and navigate cross-cultural professional environments. The course emphasizes the importance of global competencies such as cultural awareness, adaptability, and collaboration, which are essential for success in multinational organizations and international careers.
205	BCA	UGCA	Fundamentals of Statistics	UGCA1907	√	√	√		As statistics is a universal language in science, economics, and international development, students learn to apply statistical methods to global data sets, contributing to cross-cultural studies, global health initiatives, and multinational business strategies. The course prepares students to work in diverse and multicultural settings, where they can analyze data that informs global decisions, tracks international trends, and supports sustainable development goals.
206	BCA	UGCA	Computer System Architecture	UGCA1908	√	√	√	√	It is a crucial for those who aspire to work in multinational tech companies, contribute to global research and development (R&D) initiatives, or engage in international collaborations on cutting-edge technologies. The course provides students with a foundation that is applicable across various contexts, from designing low-power processors for global markets to optimizing high-performance computing systems used in scientific research worldwide.
207	BCA	UGCA	Object Oriented Programming using C++	UGCA1909	√	√	√	√	Understanding OOP principles with C++ equips students to work with multinational companies, contribute to international software projects, and adapt to global best practices in software development. The course also prepares students to tackle global challenges, collaborate with professionals from different cultures, and contribute to technological advancements on an international scale.
208	BCA	UGCA	Object Oriented Programming using C++ Laboratory	UGCA1910	√	√	√	√	The skills developed through hands-on coding and project work are applicable in diverse global contexts, including multinational companies, international research collaborations, and global software development initiatives. The course prepares students to work on complex, real-world problems and contribute to global technology trends. Practical experience with C++ and OOP in a lab setting ensures that students are well-equipped to collaborate with international teams, adhere to global best practices, and address challenges in a global marketplace.
209	BCA	UGCA	Fundamentals of Statistics Laboratory	UGCA1911	√	√	√		This course provides students with skills that are applicable in international research, business, and policy contexts. The ability to analyze and interpret data is crucial for participating in global studies, multinational organizations, and international collaborations. By working with diverse datasets and using statistical tools, students are prepared to tackle global challenges, contribute to international research projects, and understand global trends.
210	BCA	UGCA	Computer System Architecture Laboratory	UGCA1912	√	√	√	√	The lab experience ensures that students are equipped to work with cutting-edge technology, adhere to global best practices, and contribute to international technological advancements. Practical skills in system design and optimization also enable students to tackle global challenges and collaborate with professionals from diverse backgrounds.

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211	BCA	UGCA	Environmental Studies	EV5102-18	√	√	√	√	The course prepares students to work in international organizations, contribute to global sustainability efforts, and collaborate on cross-border environmental projects. By addressing global environmental concerns, students are equipped to contribute to international efforts to protect the planet and promote sustainable development.
212	BCA	UGCA	Mentoring and Professional Development	BMPD202-18	√				It prepares them to participate in international mentoring networks, engage with global professional communities, and navigate cross-cultural professional environments. The course emphasizes the importance of global competencies such as cultural awareness, adaptability, and collaboration, which are essential for success in multinational organizations and international careers.
213	BCA	UGCA	Computer Networks	UGCA1913	√	√	√	√	Understanding computer networks is essential for working with multinational corporations, global IT service providers, and international research collaborations. Students learn about global network protocols, data transmission standards, and international cybersecurity practices.
214	BCA	UGCA	Programming in Python	UGCA1914	√	√	√	√	Python simplicity and readability make it ideal for beginner allowing them to quickly start building applications. The skill gained from this course are highly versatile and widely applicable.
215	BCA	UGCA	Data Structures	UGCA1915	√	√	√	√	It allow students to optimize software applications improve the efficiency of local IT system, and develop innovative solution for specific community needs. The knowledge gained in this course enable students to tackle complex challenges and drive innovation in various context.
216	BCA	UGCA	Computer Networks Laboratory	UGCA1916	√	√	√	√	The lab sessions help students understand global network protocols, data transmission standards, and international security practices.
217	BCA	UGCA	Programming in Python Laboratory	UGCA1917	√	√	√	√	Python is widely used in various global applications, including web development, data science, and machine learning. The hands-on experience gained in the lab ensures that students are equipped to work on global projects, collaborate with international teams, and adhere to global best practices in software development.
218	BCA	UGCA	Data Structures Laboratory	UGCA1918	√	√	√	√	Data structures are fundamental to solving complex problems in various global applications, including big data, artificial intelligence, and web development. The practical experience gained in the lab ensures that students are equipped to work on global projects, collaborate with international teams, and adhere to global best practices in software engineering.
219	BCA	UGCA	PC Assembly & Troubleshooting	UGCA1919	√	√	√		Understanding PC assembly and troubleshooting is crucial for working with diverse global technology environments and addressing international tech support needs. The practical experience gained in the course ensures that students are prepared to work on global projects, collaborate with international teams, and adhere to global best practices in tech support and hardware maintenance.
220	BCA	UGCA	PC Assembly & Troubleshooting Laboratory	UGCA1920	√	√	√		Understanding PC assembly and troubleshooting is crucial for working with diverse global technology environments and addressing international tech support needs. The hands-on experience ensures that students are prepared to work on global projects, collaborate with international teams, and adhere to global best practices in tech support and hardware maintenance.
221	BCA	UGCA	Mentoring and Professional Development	BMPD302-18	√				It prepares them to participate in international mentoring networks, engage with global professional communities, and navigate cross-cultural professional environments. The course emphasizes the importance of global competencies such as cultural awareness, adaptability, and collaboration, which are essential for success in multinational organizations and international careers.
222	BCA	UGCA	Software Engineering	UGCA1921	√	√		√	As the scope broadens, security and regulatory compliance become more complex. Global systems, in particular, must address a diverse range of threats and legal requirements.
223	BCA	UGCA	Database Management Systems	UGCA1922	√	√	√	√	The scope of the subject broadens from local to global, the complexity of data management practices increases. Local databases might use simpler practices, while global databases require sophisticated data governance, backup, and disaster recovery strategies.
224	BCA	UGCA	Operating Systems	UGCA1923	√	√	√	√	It prepare students for move from local to global, the OS must scale to handle more users, devices, and resources, often requiring more sophisticated architectures and distributed systems.
225	BCA	UGCA	Software Engineering Laboratory	UGCA1924	√	√		√	It helps in designing, managing, and executing software engineering laboratories that are capable of meeting the specific demands and challenges associated with their scope, whether focused on local innovation or global software development.
226	BCA	UGCA	Database Management Systems Laboratory	UGCA1925	√	√	√	√	These levels helps in designing, managing, and executing database management systems laboratories that are tailored to the specific requirements and challenges of their scope, whether they focus on local applications or global data integration.

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					Local	Regional	National	Global	
227	BCA	UGCA	Operating Systems Laboratory	UGCA1926	√	√	√	√	It helps in designing, managing, and executing Operating Systems Laboratories that are tailored to the specific demands and challenges of their scope, whether focusing on local innovation, regional collaboration, national infrastructure, or global software development.
228	BCA	UGCA	Web Designing	UGCA1927	√	√	√	√	As the scope broadens from local to global, the technologies and practices involved become increasingly sophisticated, requiring more resources, specialized expertise, and advanced infrastructure to manage the growing demands of larger and more diverse user bases.
229	BCA	UGCA	Web Designing Laboratory	UGCA1928	√	√	√	√	The course is cutting-edge, equipping students with the skills needed to develop and deploy web applications on an international scale, addressing the complexities of global web standards, security, and performance optimization. As the scope expands from local to global, the course content becomes more sophisticated, requiring deeper technical knowledge and a broader understanding of the global web development landscape.
230	BCA	UGCA	Mentoring and Professional Development	BMPD402-18	√				It prepares them to participate in international mentoring networks, engage with global professional communities, and navigate cross-cultural professional environments. The course emphasizes the importance of global competencies such as cultural awareness, adaptability, and collaboration, which are essential for success in multinational organizations and international careers.
231	BCA	UGCA	Programming in PHP	UGCA1929	√	√	√	√	PHP programming impacts various levels by providing essential web development tools and solutions. It supports local businesses, regional projects, national infrastructure, and global web technologies, making it a versatile and widely-used language in the digital landscape.
232	BCA	UGCA	Programming in PHP Laboratory	UGCA1930	√	√	√	√	PHP programming laboratories support skill development, project collaboration, and technological advancement at all levels. They enhance local and regional capabilities, contribute to national and global standards, and drive innovation in PHP development across various contexts.
233	BCA	UGCA	Programming in Java	UGCA1932	√	√	√	√	As the scope broadens from local to global, the complexity of the content increases, requiring more advanced resources, expertise, and infrastructure to meet the diverse and evolving demands of the industry.
234	BCA	UGCA	Programming in Java Laboratory	UGCA1938	√	√	√	√	The course is equipping students with the skills needed to develop and deploy Java applications on an international scale, addressing the complexities of global software standards, performance optimization. the course content becomes more sophisticated, requiring deeper technical knowledge and a broader understanding of the global software development landscape.
235	BCA	UGCA	Linux Operating System	UGCA1935	√	√	√		The course is cutting-edge, preparing students for international careers and equipping them with the skills needed to manage complex, globally distributed Linux environments. As the scope broadens from local to global, the complexity and breadth of the content increase, requiring more advanced resources, expertise, and infrastructure to meet the diverse and evolving demands of the industry.
236	BCA	UGCA	Linux Operating System Laboratory	UGCA1941	√	√	√		It is an international scale, addressing the complexities of global IT operations, cloud administration, and compliance with international standards. As the scope expands from local to global, the course content becomes more sophisticated, requiring deeper technical knowledge and a broader understanding of the global IT landscape.
237	BCA	UGCA	Cloud Computing	UGCA1936	√	√	√	√	The course provides essential knowledge and skills for managing cloud technologies at various levels. Locally, it focuses on small-scale cloud applications and services; regionally, it addresses multi-location and regional needs; nationally, it handles large-scale and enterprise cloud solutions; and globally, it supports international cloud operations and compliance with global standards.
238	BCA	UGCA	Minor Project	TUGCA1957	√	√	√	√	Minor projects, while smaller in scope, have important impacts at all levels. They address immediate needs, support local and regional development, contribute to national strategies, and facilitate global cooperation and awareness. Their contributions enhance community engagement, drive incremental improvements, and support broader goals across different contexts.
239	BCA	UGCA	Institutional Summer Training		√				Institutional Summer Training have important impacts at all levels. They address immediate needs, support local and regional development, contribute to national strategies, and facilitate global cooperation and awareness.
240	BCA	UGCA	Mentoring and Professional Development	BMPD502-18	√				It prepares them to participate in international mentoring networks, engage with global professional communities, and navigate cross-cultural professional environments. The course emphasizes the importance of global competencies such as cultural awareness, adaptability, and collaboration, which are essential for success in multinational organizations and international careers.
241	BCA	UGCA	Data Warehouse and Mining	UGCA1931	√	√	√	√	This course provides essential skills for analyzing and leveraging data at all levels, from local to global. It supports effective decision-making by equipping students and professionals with the tools and techniques needed to transform data into actionable insights, driving improvements and strategic initiatives across various contexts.

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242	BCA	UGCA	Internet of Things	UGCA1933	√	√	√	√	IoT drives significant advancements in supply chains, environmental monitoring, and international standards. It enables seamless global trade, provides critical data for addressing climate change, and fosters international cooperation through shared standards and protocols. The global impact of IoT highlights its potential to address complex, worldwide challenges and facilitate interconnected, intelligent systems.
243	BCA	UGCA	Computer Graphics	UGCA1934	√	√	√	√	In conclusion, computer graphics enhance experiences, improve professional workflows, and drive innovation across all levels, from local personal use to global scientific and entertainment applications.
244	BCA	UGCA	Data Warehouse and Mining Laboratory	UGCA1937	√	√	√	√	Data warehouses and mining laboratories enhance decision-making, operational efficiency, and strategic planning across all levels, from local to global. Their role in managing and analyzing data is crucial for improving business, healthcare, governance, and scientific research.
245	BCA	UGCA	Internet of Things Laboratory	UGCA1939	√	√	√	√	IoT laboratories at all levels are essential for developing and advancing IoT technologies. They enhance local and regional services, drive national innovation and infrastructure projects, and contribute to global technological and scientific progress.
246	BCA	UGCA	Computer Graphics Laboratory	UGCA1940	√	√	√	√	computer graphics laboratories at all levels are essential for advancing visual technology and applications. They support creative industries, enhance education and business, drive national and regional development, and contribute to global innovation and collaboration.
247	BCA	UGCA	Cloud Computing Laboratory	UGCA1942	√	√	√	√	It provides practical experience in using and managing cloud technologies at various levels. Locally, it focuses on small-scale and community-specific cloud projects; regionally, it addresses multi-location and regional cloud solutions; nationally, it handles large-scale and enterprise cloud deployments; and globally, it supports international cloud operations and compliance with global standards.
248	BCA	UGCA	Android Programming	UGCA1943	√	√	√	√	This Course provides critical skills for creating and managing mobile apps across various levels. Locally, it supports small-scale and community-specific projects; regionally, it addresses regional needs and preferences; nationally, it enables large-scale, nationwide solutions; and globally, it supports the development of apps that cater to international markets and diverse user bases.
249	BCA	UGCA	Android Programming Laboratory	UGCA1944	√	√	√	√	This course emphasises hands-on experience in building mobile apps across various contexts. Locally, it focuses on small-scale and community-specific apps; regionally, it addresses regional needs and preferences; nationally, it supports large-scale, nationwide solutions; and globally, it facilitates the development of apps for international markets and diverse audiences.
250	BCA	UGCA	Digital Marketing	UGCA1947	√	√	√	√	It equips students and professionals with the skills needed to thrive in the digital marketplace and address diverse challenges in online commerce and marketing.
251	BCA	UGCA	Digital Marketing Laboratory	UGCA1953	√	√	√	√	The Digital Marketing Laboratory course provides hands-on experience with practical tools and techniques at all levels, from local to global. It helps students and professionals develop the skills needed to manage and optimize e-commerce operations and digital marketing strategies effectively across various scales.
252	BCA	UGCA	Cyber Laws & IPR	UGCA1949	√	√	√	√	Cyber laws and IPR are essential for protecting digital activities and innovations at all levels. Local, regional, national, and global regulations work together to ensure cybersecurity, enforce intellectual property rights, and support the growth of the digital economy and creative industries.
253	BCA	UGCA	Cyber Laws & IPR Laboratory	UGCA1955	√	√	√	√	Cyber laws and IPR laboratories play a crucial role at all levels, from local to global. They support education, policy development, enforcement, and international collaboration, helping to address legal challenges and promote effective management of digital and intellectual property issues.
254	BCA	UGCA	Information Security	UGCA1948	√	√	√	√	The course addresses the complexities of international cyber law, global cybersecurity challenges, and the legal issues arising from cross-border cybercrime. As the scope expands from local to global, the content becomes more complex, requiring a deeper understanding of diverse legal frameworks, advanced cybersecurity threats, and the global collaboration needed to tackle cybercrime.
255	BCA	UGCA	Major Project	Project	√	√	√	√	major projects have profound impacts at all levels, from addressing local community needs to driving global progress. They enhance infrastructure, foster economic development, and contribute to solving significant challenges, with their scope and influence expanding from local to global contexts.
256	BCA	UGCA	Mentoring and Professional Development	BMPD602- 18	√				It prepares them to participate in international mentoring networks, engage with global professional communities, and navigate cross-cultural professional environments. The course emphasizes the importance of global competencies such as cultural awareness, adaptability, and collaboration, which are essential for success in multinational organizations and international careers.

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257	BCA	UGCA	Artificial Intelligence	UGCA1945	√	√	√	√	This course, AI and soft computing are integral to various levels of society, influencing local, regional, national, and global contexts in diverse ways. Their applications and impacts continue to evolve as technology advances and societal needs change.
258	BCA	UGCA	R Programming	UGCA1946	√	√	√	√	R programming enhances data analysis capabilities at all levels, from local community projects to global research initiatives. Its versatility and robust ecosystem support decision-making, research, and operational efficiency across various contexts.
259	BCA	UGCA	Machine Learning	UGCA1950	√	√	√	√	The course equips individuals with skills to analyze and model data at different levels. Locally, it focuses on small-scale and community-specific data; regionally, it addresses multi-locality data and regional needs; nationally, it handles large-scale datasets and national issues; and globally, it supports international data analysis and global problem-solving.
260	BCA	UGCA	Artificial Intelligence Laboratory	UGCA1951	√	√	√	√	It equips students and professionals with practical skills to drive technological innovation and address a wide range of problems using AI and soft computing techniques.
261	BCA	UGCA	R Programming Laboratory	UGCA1952	√	√	√	√	R programming laboratories enhance data analysis capabilities at all levels, from local community projects to global research initiatives. They support education, industry, and research, driving advancements and providing critical insights for decision-making and innovation across various contexts.
262	BCA	UGCA	Machine Learning Laboratory	UGCA1956	√	√	√	√	The course offers practical, hands-on experience with data analysis and machine learning across various contexts. Locally, it focuses on community-specific projects; regionally, it handles multi-locality datasets and regional issues; nationally, it addresses large-scale national data and problems; and globally, it supports international data analysis and global challenges.
263	B. Tech in Electrical Engineering	AGEE	ENGINEERING MATHEMATICS – III	AGEE-21301	√	√	√	√	This course emphasises on use of Mathematics in the field of engineering and designs and is used globally
264	B. Tech in Electrical Engineering	AGEE	NETWORK ANALYSIS AND SYNTHESIS	AGEE-21302	√	√	√	√	This course used for analysis and designing of all industrial electrical networks globally.
265	B. Tech in Electrical Engineering	AGEE	TRANSFORMERS AND DIRECT CURRENT MACHINES	AGEE-21303	√	√	√	√	This technology is used globally for analysis and repair/maintenance of transformer as well as dc machines.
266	B. Tech in Electrical Engineering	AGEE	SEMICONDUCTOR DEVICES AND CIRCUITS	AGEE-21304	√	√	√	√	This technology is used for analysis and repair/maintenance and designing of semiconductor devices in globe.
267	B. Tech in Electrical Engineering	AGEE	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION	AGEE-21305	√	√	√	√	This technology is used for study and repair/maintenance and designing of all electrical measuring instruments and devices globally.
268	B. Tech in Electrical Engineering	AGEE	MACHINE LAB.-I	AGEE-21306	√	√	√	√	This Lab Course is used to perform practical related to dc machines and transformer globally.
269	B. Tech in Electrical Engineering	AGEE	SEMICONDUCTOR DEVICES AND CIRCUITS LAB.	AGEE-21307	√	√	√	√	This Lab Course is used to perform practical related to various semiconductor devices globally.
270	B. Tech in Electrical Engineering	AGEE	ELECTRICAL MEASUREMENTS AND INSTRUMENTATION LAB.	AGEE-21308	√	√	√	√	This Lab Course is used to perform practical related to various applications related to measuring instrumentations globally.
271	B. Tech in Electrical Engineering	AGEE	FUNCTIONAL ENGLISH-I	AGFE-21301	√	√	√	√	This course is used for demonstration of basic english grammar used for competitive exams and managerial drafts of various Official letters across globe.
272	B. Tech in Electrical Engineering	AGEE	INDIAN CONSTITUTION	AGMC-21301	√	√	√	√	This course used to give basic knowledge about Indian constitution rule across India
273	B. Tech in Electrical Engineering	AGEE	INSTITUTIONAL TRAINING	AGEE-21309	√	√	√	√	This training is used to see the practical demonstration and study of various instruments used during engineering study and in various industrial applications across the globe.
274	B. Tech in Electrical Engineering	AGEE	LINEAR CONTROL SYSTEMS	AGEE-21401	√	√	√	√	This technology is used for analysis and study related to stability of system by various analytically and graphically across globe.
275	B. Tech in Electrical Engineering	AGEE	ASYNCHRONOUS MACHINES	AGEE-21402	√	√	√	√	This technology is used for analysis and to study repair/maintenance techniques for single phase and three phase induction motor across world.
276	B. Tech in Electrical Engineering	AGEE	POWER GENERATION AND ECONOMICS	AGEE-21403	√	√	√	√	This technology is used for analysis and to study various power generation methods and economics related to it globally.
277	B. Tech in Electrical Engineering	AGEE	DIGITAL ELECTRONICS AND MICROPROCESSORS	AGEE-21404	√	√	√	√	This Course is used to study the basics of digital electronics, history of microprocessor and its operation with interfacing.

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278	B. Tech in Electrical Engineering	AGEE	OBJECT ORIENTED PROGRAMMING SYSTEM	AGEE-21405	√	√	√	√	This technology is used basics related to C++ language across globe..
279	B. Tech in Electrical Engineering	AGEE	CONTROL SYSTEM LAB.	AGEE-21406	√	√	√	√	This Lab Course is used to perform practical related to control system by using MATLAB globally.
280	B. Tech in Electrical Engineering	AGEE	DIGITAL ELECTRONICS AND MICROPROCESSORS LAB.	AGEE-21407	√	√	√	√	This Lab Course is used to perform practical related to desiging of digital systems and programmable aspects of microprocessor and micro-controller
281	B. Tech in Electrical Engineering	AGEE	OBJECT ORIENTED PROGRAMMING SYSTEM LAB.	AGEE-21408	√	√	√	√	This lab is used to perform experiment using C++ language across globe..
282	B. Tech in Electrical Engineering	AGEE	ENGINEERING APTITUDE-I	AGAP-21401	√	√	√	√	This course is used for study various short-cut methods used to solve some basic question in competetive exams across world.
283	B. Tech in Electrical Engineering	AGEE	FUNCTIONAL ENGLISH-II	AGFE-21402	√	√	√	√	This course is used for demonstration of basic english grammer used for competetive exams and manegerial drafts of various Official letters across globe.
284	B. Tech in Electrical Engineering	AGEE	ESSENCE OF INDIAN KNOWLEDGE TRADITION	AGMC-21401	√	√	√	√	This course gives the basic knowledge about the various traditions and cultures used across India
285	B. Tech in Electrical Engineering	AGEE	SYNCHRONOUS MACHINES	AGEE-21501	√	√	√	√	This technology is used for analysis and to study repair/maintenance techniques for synchronous machines across world.
286	B. Tech in Electrical Engineering	AGEE	ELECTRICAL POWER SYSTEM-I	AGEE-21502	√	√	√	√	This technology is used to study the basics of electrical power transmission system across world.
287	B. Tech in Electrical Engineering	AGEE	POWER ELECTRONICS	AGEE-21503	√	√	√	√	This technology is used for study the basics of various power electronics devices and their various applications across world.
288	B. Tech in Electrical Engineering	AGEE	ELECTROMAGNETIC FIELDS	AGEE-21504A	√	√	√	√	This technology is used to study the basics of various theory related to electromagnetic fields across world.
289	B. Tech in Electrical Engineering	AGEE	ANTENNA AND WAVE PROPAGATION	AGEE-21504B	√	√	√	√	This technology is used to study the basics of various theory related to antena and wave propagations across world.
290	B. Tech in Electrical Engineering	AGEE	POWER QUALITY AND FACTS	AGEE-21504C	√	√	√	√	This technology is used to study the various theory related to FACTS Devices and their applications across world.
291	B. Tech in Electrical Engineering	AGEE	ENERGY EFFICIENT MACHINES	AGEE-21504D	√	√	√	√	This technology is used to study the basics of various theory to make macince most efficient across world.
292	B. Tech in Electrical Engineering	AGEE	PROGRAMMING IN PYTHON	AGEE-21505	√	√	√	√	This course emphasises on use of Python in the field of electrical engineering and is used globally
293	B. Tech in Electrical Engineering	AGEE	MACHINE LAB.-II	AGEE-21506	√	√	√	√	This lab is used for analysis and to study repair/maintenance tehneques for synchronous motor and generator across world.
294	B. Tech in Electrical Engineering	AGEE	POWER ELECTRONICS LAB	AGEE-21507	√	√	√	√	This lab is used for analysis and to study repair/maintenance tehneques for various power electronics devices across world.
295	B. Tech in Electrical Engineering	AGEE	ELECTRICAL ESTIMATION AND COSTING LAB	AGEE-21508	√	√	√	√	This lab is used for analysis and to study Indian Standard Electricity Rules and their application in field across country.
296	B. Tech in Electrical Engineering	AGEE	ENGINEERING APTITUDE-II	AGAP-21502	√	√	√	√	This course is used for study various short-cut methods used to solve some basic question in competetive exams across world.
297	B. Tech in Electrical Engineering	AGEE	6-8 WEEKS INDUSTRIAL TRAINING	AGEE-21509	√	√	√	√	This training is used to see the practical demonstration of all theoretical study in various industries across the globe.
298	B. Tech in Electrical Engineering	AGEE	ELECTRICAL POWER SYSTEM-II	AGEE-21601	√	√	√	√	This technology is used for study the various theory related to applications of various protection devices in power system across world.
299	B. Tech in Electrical Engineering	AGEE	ADVANCED CONTROL SYSTEMS	AGEE-21602	√	√	√	√	This technology is used for study the various non-linear system and their effect analytically on control system across world.
300	B. Tech in Electrical Engineering	AGEE	SIGNAL & SYSTEM	AGEE-21603	√	√	√	√	This technology is used for study related to applications of various types of signals in electrical and electronics engineering field across world.
301	B. Tech in Electrical Engineering	AGEE	MICROCONTROLLER, PLC & SCADA	AGEE-21604A	√	√	√	√	This technology is used for study related to applications of microcontroller, PLC and SCADA in electrical and electronics engineering field across world.

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Sr. No.	Program Name	Program Code	Name of the Course	Course Code	FOCUS AREA				Description
					Local	Regional	National	Global	
302	B. Tech in Electrical Engineering	AGEE	EMBEDDED SYSTEM DESIGN	AGEE-21604B	√	√	√	√	This technology is used for study related to applications of embedded systems in electrical and electronics engineering field across world.
303	B. Tech in Electrical Engineering	AGEE	ROBOTICS AND AUTOMATION	AGEE-21604C	√	√	√	√	This technology is used for study related to applications of robots in electrical and electronics engineering field across world.
304	B. Tech in Electrical Engineering	AGEE	DIGITAL SIGNAL PROCESSING	AGEE-21604D	√	√	√	√	This technology is used for study related to analysis and applications of digital signals across world.
305	B. Tech in Electrical Engineering	AGEE	AutoCAD ELECTRICAL	AGEE-21605	√	√	√	√	This skill course is used for study of AutoCAD and applications of AutoCAD in Electrical Engineering designing across world.
306	B. Tech in Electrical Engineering	AGEE	POWER SYSTEM LAB	AGEE-21606	√	√	√	√	This lab is used for demonstration of power system protection relays and circuit breaker with their application in field across world.
307	B. Tech in Electrical Engineering	AGEE	MICROCONTROLLER, PLC & SCADA LAB	AGEE-21607A	√	√	√	√	This lab is used for demonstration of various concept related to microcontroller, PLC & SCADA with their application in field across world.
308	B. Tech in Electrical Engineering	AGEE	EMBEDDED SYSTEM DESIGN LAB	AGEE-21607B	√	√	√	√	This lab is used for demonstration the application of embedded system in electrical engineering across world.
309	B. Tech in Electrical Engineering	AGEE	ROBOTICS AND AUTOMATION	AGEE-21607C	√	√	√	√	This lab is used for demonstration the application of robots in electrical engineering across world.
310	B. Tech in Electrical Engineering	AGEE	DIGITAL SIGNAL PROCESSING LAB	AGEE-21607D	√	√	√	√	This lab is used for demonstration the application of digital signal in electrical engineering across world.
311	B. Tech in Electrical Engineering	AGEE	SIGNAL & SYSTEM LAB	AGEE-21608	√	√	√	√	This lab is used for demonstration the application of different types of signal in electrical engineering across world.
312	B. Tech in Electrical Engineering	AGEE	FUNCTIONAL ENGLISH-III	AGFE-21603	√	√	√	√	This course is used for demonstration of basic english grammer used for competitive exams and manegerial drafts of various letters across globe.
313	B. Tech in Electrical Engineering	AGEE	ENGINEERING APTITUDE-III	AGAP-21603	√	√	√	√	This course is used for study various short-cut methods used to solve some basic question in competitive exams across world.
314	B. Tech in Electrical Engineering	ACEE	POWER SYSTEM ANALYSIS	ACEE-16701	√	√	√	√	This course is used to study the analysis of load flow & faults in power systems
315	B. Tech in Electrical Engineering	ACEE	HIGH VOLTAGE ENGINEERING	ACEE-16702	√	√	√	√	This course aware students about high voltage AC and DC transmission and generation, Breakdown of dielectrics etc .
316	B. Tech in Electrical Engineering	ACEE	NON-CONVENTIONAL ENERGY SOURCES	ACEE-16703A	√	√	√	√	The purpose of subject is to understand the power system specially different types of Non Conventional Energy sources exist globally.
317	B. Tech in Electrical Engineering	ACEE	POWER QUALITY MONITORING AND CONDITIONING	ACEE-16703B	√	√	√	√	This course is used to understand the power system specially Power quality Monitoring and conditioning.
318	B. Tech in Electrical Engineering	ACEE	COMPUTER AIDED ELECTRICAL MACHINE DESIGN	ACEE-16703C	√	√	√	√	The purpose of subject is to understand the power system specially designing of various electrical machines by using computer aided tools.
319	B. Tech in Electrical Engineering	ACEE	POWER SYSTEM RELIABILITY	ACEE-16703D	√	√	√	√	This course is used to understand different components of power system reliability
320	B. Tech in Electrical Engineering	ACEE	HVDC TRANSMISSION	ACEE-16704A	√	√	√	√	The purpose of subject is to understand analysis of HVDC line and faults related to HVDC Transmission.
321	B. Tech in Electrical Engineering	ACEE	POWER SYSTEM OPERATION AND CONTROL	ACEE-16704B	√	√	√	√	This course deals with the economic operation of power systems and emphasizes on load flow studies, single area and two area load frequency control and reactive power control alongwith Computer control of power systems.
322	B. Tech in Electrical Engineering	ACEE	FLEXIBLE AC TRANSMISSION SYSTEMS	ACEE-16704C	√	√	√	√	This course deals with different types and applications of FACTS controllers in power transmission used globally.
323	B. Tech in Electrical Engineering	ACEE	POWER SYSTEM RESTRUCTURING AND DEREGULATION	ACEE-16704D	√	√	√	√	This course presents different types and mechanisms of electricity markets.
324	B. Tech in Electrical Engineering	ACEE	LAB-I (POWER SYSTEM ANALYSIS)	ACEE-16705	√	√	√	√	This lab is used for demonstration of power system analysis with different software in electrical engineering field across world.
325	B. Tech in Electrical Engineering	ACEE	SEMINAR	ACEE-16706	√	√	√	√	This course introduced for demonstration of art of presentation on any advanced topic in the field of electrical engineering field across world.

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					Local	Regional	National	Global	
326	B. Tech in Electrical Engineering	ACEE	PRE PLACEMENT ACTIVITY	ACTP-16701	√	√			This course is used for study various short-cut methods used to solve some basic question and general english questions in competitive exams across state.
327	B. Tech in Electrical Engineering	ACEE	MAJOR PROJECT	ACEE-16707	√	√	√	√	This course introduced for application of theoretical and experimental engineering study for making some useful model in electrical engineering field across world.
328	B. Tech in Electrical Engineering	ACEE	GENERAL FITNESS	GF-700	√	√			This course introduced for making evaluation of extra-curricular activities for evaluation in engineering field across state.
329	B. Tech in Electrical Engineering	ACEE	INDUSTRIAL TRAINING-II	ACEE-16801	√	√	√	√	This training is used to see the practical demonstration of all theoretical study in various industries across the globe.
330	B. Tech in Electrical Engineering	ACEE	SOFTWARE TRAINING	ACEE-16802	√	√	√	√	This training is used to see the software application and demonstration of all theoretical study in various industries across the globe.
331	Master of Business Administration	MBA	Foundations of Management	MBA 101-18	√	√	√	√	The course aims at providing fundamental knowledge and exposure to the concepts, theories, and practices in the field of management, with special attention to managerial responsibility for the effective and efficient achievement of goals.
332	Master of Business Administration	MBA	Managerial Economics	MBA 102-18	√	√	√	√	The objective of this course is to acquaint the students with the economic concepts and principles and to enable them to use them to address business problems in a globalized economic environment.
333	Master of Business Administration	MBA	Quantitative Techniques	MBA 103-18	√	√	√	√	The objective of teaching quantitative techniques is to help students make data-driven decisions and gain insights that can improve teaching and learning. Quantitative techniques are a collection of mathematical and statistical tools that can be used in education, business, and other fields.
334	Master of Business Administration	MBA	Accounting for Management and Reporting	MBA 104-18	√	√	√	√	This course aims to familiarize the students with various accounting concepts, tools, and techniques and its application in managerial decision-making. It also acquaints the students with the latest accounting practices and reporting standards.
335	Master of Business Administration	MBA	Business Environment and Indian Economy	MBA 105-18	√	√	√		This course aims at providing knowledge of the environment in which businesses operate, the economic, political, legal, and social framework with a basic idea of the Indian Economy.
336	Master of Business Administration	MBA	Business Ethics and CSR	MBA 106-18	√	√	√	√	This course introduces students to the relationship between business and ethics and tries to understand how ethical principles could influence management decisions. It also signifies the concept of CSR and its implications on business.
337	Master of Business Administration	MBA	Business Communication for Managerial Effectiveness	MBA 107-18	√	√	√	√	This course presents communication as integral to management and as a critical component for success in the workplace. The students will develop a foundation for designing effective messages, both written and oral, from concept to delivery.
338	Master of Business Administration	MBA	Business Analytics for Decision Making	MBA 201-18	√	√	√	√	The course aims at equipping students with an understanding of the research process, tools, and techniques in order to facilitate managerial decision-making. It will help organizations to learn about competitors' strategies, strengths, and weaknesses.
339	Master of Business Administration	MBA	Legal Environment for Business	MBA 202-18	√	√	√	√	The objective of this paper is to give an exposure to students about important commercial, corporate and taxation laws, so that they are able to relate the impact of these legal enactments on business in an integrated manner.
340	Master of Business Administration	MBA	Marketing Management	MBA 203-21	√	√	√	√	This course will provide better understanding of the complexities associated with marketing functions, strategies and provides students with the opportunity to apply the key concepts to practical business situations.
341	Master of Business Administration	MBA	Human Resource Management	MBA 204-18	√	√	√	√	The objective of the course is to make student aware of the various functions and importance of HR department in any organization. It is basically concerned with managing the human resources, whereby the underlying objective is to attract retain and motivate the human resources in any organization.
342	Master of Business Administration	MBA	Production and Operations Management	MBA 205-18	√	√	√		It is a subject where a student learns various steps of product design, development, production, plant location, storage, production planning and control. The students are motivated to apply concepts and principles of management to become more effective professional.
343	Master of Business Administration	MBA	Corporate Finance and Policy	MBA 206-21	√	√	√		To provide an in-depth understanding of the core finance functions and decisions in the area of corporate financial management. Further provide a practical and problem insight for effective financial decision-making.
344	Master of Business Administration	MBA	Entrepreneurship and Project Management	MBA 207-18	√	√	√	√	To provide a comprehensive understanding of the concept of an Entrepreneur and intricacies involved in managing entrepreneurial projects. The prime aim is to imbibe the necessary entrepreneurial competencies among students and motivate them choose Entrepreneurship as a feasible and desirable career option.
345	Master of Business Administration	MBA	Computer Applications for Business	MBAGE 201-18	√	√	√	√	The purpose of this course is to provide a through exposure to the operating and office management tools available in different packages. A student can be exposed to the working knowledge of Windows based operating systems and software packages such as Windows-95, 98, 2000-Professional, windows -XP and MS -Office.

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					Local	Regional	National	Global	
346	Master of Business Administration	MBA	Organizational Behaviour & Design	MBA 301-18	√	√	√	√	The course aims to provide an understanding of basic concepts, theories and techniques in the field of human behavior at the individual, group, and organizational levels in the changing global scenario at workplace.
347	Master of Business Administration	MBA	Marketing Research	MBA 302-18	√	√	√	√	The course aims to provide an understanding of basic concepts, theories, and statistical techniques used in research. Students will also be given exposure to using applying SPSS.
348	Master of Business Administration	MBA	Human Values, De- addiction and Traffic Rules	HVPE101-18	√	√	√	√	This course will help students to learn about the fundamental goodness of people and society, and to understand human behavior, attitudes, and motivation. It also helps students develop a moral compass and make sound decisions in different situations.
349	Master of Business Administration	MBA	Human Values, De- addiction and Traffic Rules (Lab/ Seminar)	HVPE 102-18	√	√	√	√	This course will help students to learn about the fundamental goodness of people and society, and to understand human behavior, attitudes, and motivation. It also helps students develop a moral compass and make sound decisions in different situations.
350	Master of Business Administration	MBA	Seminar on Summer Training Report	MBA 303-18	√	√	√		students may be able to learn new skills and gain some real-world experience through summer training programs. During these summer training programs, new and inexperienced college students can gain firsthand knowledge. They get what it's really like to work in a certain job or career field.
351	Master of Business Administration	MBA	Comprehensive Viva-Voce	MBA 304-18	√	√	√		A comprehensive viva, or viva voce, is a formal examination that assesses a student's understanding of their research and their ability to defend their findings orally. It's often conducted by a panel of experts in the student's field of study. The purpose of the viva is to evaluate the quality and originality of the student's work, and to show the examiners what the student knows.
352	Master of Business Administration	MBA	Consumer Behaviour	MBA 921-18	√	√	√	√	The objective of this course is to help students understanding various factors affecting consumer behaviour and to understand the process of consumer buying. Based on the understanding of consumer behaviour, the students are expected to design the strategy.
353	Master of Business Administration	MBA	Services Marketing	MBA 922-18	√	√	√	√	The objective of this course is to help students understanding various factors affecting consumer behavior and understand the process of consumer buying. Based on the understanding of consumer behavior, the students are expected to design the strategy
354	Master of Business Administration	MBA	Investment Analysis and Portfolio Management	MBA 911-18	√	√	√	√	This course aims to acquaint students with the market microstructure of financial markets and understanding of economic, industrial and company analysis. It shall also enable them to understand the valuable linkage between modern theories of finance and the analytical techniques used by investors for valuing securities and construct portfolios to achieve investor's investment goals.
355	Master of Business Administration	MBA	Management of Financial Services	MBA 912-18	√	√	√	√	The objective of the course is to understand role of Financial Services in Business organizations and to give an insight into the strategic, regulatory, operating and managerial issues concerning select financial services.
356	Master of Business Administration	MBA	Organizational Change and Development	MBA 931-18	√	√	√	√	This course aims to introduce students to theories and concepts of organizational change and development and also it enhances the knowledge and understanding of organizational interventions terminology and provides students with the opportunity to apply the key concepts to practical organizational situations.
357	Master of Business Administration	MBA	Employee Relations	MBA 932-18	√	√	√		The aim of this course is to help students to understand basics of labour laws and industrial relations applicable in various business houses.
358	Master of Business Administration	MBA	Corporate Strategy	MBA 401-18	√	√	√	√	This course aims to familiarize the students with organization perspective from strategic viewpoint integrating different functional areas of management. The aim is to develop an understanding of how organizational strategies are formulated and implemented in a changing global environment.
359	Master of Business Administration	MBA	Viva-Voce for Project / Dissertation	MBA 402-18	√	√	√		The objective of the project course is to help the student develop ability to apply multidisciplinary concepts, tools and techniques to analyze and logically approach the organizational problems.
360	Master of Business Administration	MBA	Workshop on Indian Ethos	MBA 403-18	√	√	√		The course is an attempt for the students to learn about how to apply the concepts and theories of ancient Indian management in business.
361	Master of Business Administration	MBA	Integrated Marketing Communication and Sales Management	MBA 923-18	√	√	√	√	This course will help the students to understand the principles and practices of marketing communication, tools used by marketers to inform consumers and to provide a managerial framework for integrated marketing communications planning as well as sales management.
362	Master of Business Administration	MBA	International and Social Media Marketing	MBA 925-18	√	√	√	√	The course aims at acquainting students with the concepts and procedures for international marketing and trains them to develop and implement plans and strategies for entering international markets and managing overseas operations. The course also helps students to understand the basics in Social Media Marketing and Blogging.
363	Master of Business Administration	MBA	International Finance and Financial Derivatives	MBA 915-18	√	√	√	√	The course's primary objective is to familiarize the students with the different aspects of finance in respect of international trading and investing and to equip them with the trading framework of different types of derivative contracts.

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364	Master of Business Administration	MBA	Taxation and Personal Financial Planning	MBA 916-18	√	√	√	√	To enable the students to understand the importance of tax management and various methods available for tax planning. This course also aims to acquaint students with the importance and methods for personal financial planning.
365	Master of Business Administration	MBA	International Human Resource Management	MBA 933-18	√	√	√	√	This course provides an understanding of the role of human resource management (HRM) in international contexts. The course is divided into three areas of study: the context of international HRM, strategic and functional HRM in international contexts, and comparative international contexts.
366	Master of Business Administration	MBA	Performance and Compensation Management	MBA 936-18	√	√	√	√	The objective of the course is to impart relevant knowledge required to perform the functions of human resource planning in an organisation and equipping seekers with comprehensive and practical skills to manage employees' performance effectively, and to understand the structure and components of wages and salaries, and the wage administration in India
367	B. Tech in Mechanical Engineering	AGME	Applied Thermodynamics-I	AGME - 21301	√	√	√	√	This course emphasises has a wide range of applications across various fields of science and engineering.This technology is used globally.
368	B. Tech in Mechanical Engineering	AGME	Theory of Machines-I	AGME- 21302			√	√	This course involves the analysis, design, and control of mechanical systems that convert motion and force to perform work. It have very significant role in industrial sector.
369	B. Tech in Mechanical Engineering	AGME	Strength of Materials	AGME- 21303	√	√	√	√	It focuses on how materials deform and fail under different types of forces, including tension, compression, shear, and torsion. The principles of Strength of Materials are crucial in the design and analysis of structures and mechanical components to ensure they can withstand the loads they encounter without failing.
370	B. Tech in Mechanical Engineering	AGME	Engineering Materials and Metallurgy	AGME- 21304	√	√	√	√	The Engineering Materials and Metallurgy course is fundamental for understanding the properties, behavior, and applications of various materials used in engineering. This knowledge is critical across a wide range of industries and engineering disciplines.
371	B. Tech in Mechanical Engineering	AGME	Manufacturing Processes	AGME- 21305	√	√	√	√	The Manufacturing Processes course is essential for understanding how raw materials are transformed into finished products through various methods. It used globally with same set of instructions.
372	B. Tech in Mechanical Engineering	AGME	Strength of Materials Lab	AGME- 21306	√	√	√	√	The Strength of Materials Lab is a crucial component of mechanical, civil, and materials engineering programs. It allows students to understand the mechanical properties of materials and how they behave under different types of loading.
373	B. Tech in Mechanical Engineering	AGME	Engineering Materials and Metallurgy Lab	AGME- 21307	√	√	√	√	The Engineering Materials and Metallurgy Lab is integral to mechanical, materials science, and metallurgical engineering programs. It provides students with hands-on experience in analyzing and understanding the properties, structures, and behavior of various engineering materials, particularly metals and alloys.
374	B. Tech in Mechanical Engineering	AGME	Manufacturing Processes Lab	AGME-21308	√	√	√	√	The Manufacturing Processes course is essential for understanding how raw materials are transformed into finished products through various methods. It used globally with same set of instructions.
375	B. Tech in Mechanical Engineering	AGME	Functional English - I	AGFE - 21301	√	√	√	√	Functional English is typically designed to help students develop essential communication skills, focusing on practical language use in everyday situations, academic settings, and the professional world. The course aims to enhance students' proficiency in English, particularly in these areas of reading, writing, listening, and speaking.
376	B. Tech in Mechanical Engineering	AGME	Indian Constitution	AGMC-21301	√	√	√	√	The Indian Constitution is the supreme law of India, laying the foundation for the country's political framework, legal system, and social principles. It defines the powers, functions, and responsibilities of various government institutions and sets out the fundamental rights and duties of citizens.
377	B. Tech in Mechanical Engineering	AGME	Applied Thermodynamics-II	AGME-21401	√	√	√	√	This course emphasises has a wide range of applications across various fields of science and engineering.This technology is used globally.
378	B. Tech in Mechanical Engineering	AGME	Theory of Machines-II	AGME-21402	√	√	√	√	This course involves the analysis, design, and control of mechanical systems that convert motion and force to perform work. It have very significant role in industrial sector.
379	B. Tech in Mechanical Engineering	AGME	Mathematics in Mechanical Engineering	AGME-21403	√	√	√	√	Mathematics plays a crucial role in mechanical engineering, providing the foundational tools and methodologies required to analyze, design, and solve complex engineering problems. The scope of mathematics in mechanical engineering is vast, encompassing various mathematical disciplines that are applied in different aspects of mechanical systems and processes.
380	B. Tech in Mechanical Engineering	AGME	Computer Aided Design and Manufacturing	AGME-21404	√	√	√	√	This course have pivotal technologies in modern engineering and manufacturing, playing a crucial role in various industries. The integration of these technologies enables the design, simulation, and manufacturing of products with high precision and efficiency.
381	B. Tech in Mechanical Engineering	AGME	Automobile Engineering	AGME-21405	√	√	√	√	The course is crucial for understanding the design, development, manufacturing, and maintenance of vehicles. The knowledge and skills gained from this course are applied across various aspects of the automotive industry.

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382	B. Tech in Mechanical Engineering	AGME	Applied Thermodynamics Lab	AGME-21406	√	√	√	√	The Applied Thermodynamics Lab is an integral part of mechanical engineering education, focusing on the practical application of thermodynamic principles. This lab provides students with hands-on experience in understanding, analyzing, and experimenting with the concepts of thermodynamics as they apply to real-world engineering problems.
383	B. Tech in Mechanical Engineering	AGME	Computer Aided Design and Manufacturing Lab	AGME-21407	√	√	√	√	The Computer-Aided Design and Manufacturing (CAD/CAM) Lab is an essential component of modern mechanical engineering education. This lab integrates the principles of design and manufacturing with advanced computer technology, enabling students to learn and apply digital tools in creating, analyzing, and producing mechanical components and systems.
384	B. Tech in Mechanical Engineering	AGME	Automobile Engineering Lab	AGME-21408	√	√	√	√	The Automobile Engineering Lab is designed to provide students with practical knowledge and hands-on experience in various aspects of automotive systems, vehicle dynamics, and engine performance.
385	B. Tech in Mechanical Engineering	AGME	Theory of Machines Lab	AGME- 21409	√	√	√	√	The Theory of Machines Lab is an essential part of mechanical engineering education, focusing on the practical application of kinematics and dynamics of machinery. This lab enables students to understand the behavior of various mechanical systems, mechanisms, and machines through hands-on experiments and observations.
386	B. Tech in Mechanical Engineering	AGME	Engineering Aptitude - I	AGAP - 21401	√	√	√	√	Engineering Aptitude is a foundational course designed to enhance students' problem-solving skills, logical reasoning, and analytical abilities. It typically covers a range of topics that are crucial for engineering students to succeed in their studies and future careers.
387	B. Tech in Mechanical Engineering	AGME	Functional English - II	AGFE - 21402	√	√	√	√	Functional English is typically designed to help students develop essential communication skills, focusing on practical language use in everyday situations, academic settings, and the professional world. The course aims to enhance students' proficiency in English, particularly in the areas of reading, writing, listening, and speaking.
388	B. Tech in Mechanical Engineering	AGME	Essence of Indian Knowledge Tradition	AGMC-21401	√	√	√	√	The Indian Knowledge Tradition (IKT) encompasses a broad range of traditional and ancient knowledge systems, philosophies, and practices that have shaped India's cultural and intellectual heritage. This scope includes a diverse set of disciplines ranging from philosophy and science to arts and literature.
389	B. Tech in Mechanical Engineering	AGME	Design of Machine Elements-I	AGME-21501	√	√	√	√	Design of Machine Elements-I is a fundamental course in mechanical engineering that focuses on the design principles and practices for various machine components. It lays the groundwork for understanding how to design, analyze, and optimize individual machine elements to ensure their functionality, reliability, and efficiency.
390	B. Tech in Mechanical Engineering	AGME	Fluid Mechanics	AGME-21502	√	√	√	√	The subject is fundamental to various engineering disciplines, particularly those involving the behavior and movement of fluids (liquids and gases). The knowledge gained from this course is applied across numerous industries and applications.
391	B. Tech in Mechanical Engineering	AGME	Mechanical Measurements and Metrology	AGME-21503	√	√	√	√	The Mechanical Measurements and Metrology course focuses on the techniques and instruments used for measuring physical quantities, ensuring precision and accuracy in engineering applications. The knowledge and skills gained from this course are applied in various areas like quality control and assurance.
392	B. Tech in Mechanical Engineering	AGME	Computer Intergrated Manufacturing	AGME-21504	√	√	√	√	The Computer Integrated Manufacturing Lab is an essential component of modern mechanical engineering education. This lab integrates the principles of design and manufacturing with advanced computer technology, enabling students to learn and apply digital tools in creating, analyzing, and producing mechanical components and systems.
393	B. Tech in Mechanical Engineering	AGME	Machine Drawing	AGME-21505	√	√	√	√	The course focuses on the creation and interpretation of detailed technical drawings and schematics for mechanical components and assemblies. These drawings are essential for designing, manufacturing, and assembling machinery and mechanical systems.
394	B. Tech in Mechanical Engineering	AGME	Design of Machine Elements Lab	AGME-21506	√	√	√	√	The Design of Machine Elements Lab is focused on providing practical experience and hands-on skills in the design, analysis, and testing of machine components and elements. This lab is essential for understanding how individual machine parts function and interact within a larger system.
395	B. Tech in Mechanical Engineering	AGME	Fluid Mechanics Lab	AGME-21507	√	√	√	√	The Fluid Mechanics Lab focuses on providing practical experience in understanding the behavior of fluids (liquids and gases) and their interactions with solid boundaries. This lab is essential for studying fluid flow characteristics, pressure, and the effects of fluids on various engineering systems.
396	B. Tech in Mechanical Engineering	AGME	Mechanical Measurements and Metrology Lab	AGME-21508	√	√	√	√	The Mechanical Measurements and Metrology Lab focuses on providing practical experience in measuring and analyzing mechanical components and systems. This lab is crucial for understanding precision, accuracy, and the principles of measurement and calibration in engineering.
397	B. Tech in Mechanical Engineering	AGME	Engineering Aptitude – II	AGAP - 21502	√	√	√	√	Engineering Aptitude is a foundational course designed to enhance students' problem-solving skills, logical reasoning, and analytical abilities. It typically covers a range of topics that are crucial for engineering students to succeed in their studies and future careers.

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

Sr. No.	Program Name	Program Code	Name of the Course	Course Code	FOCUS AREA				Description
					Local	Regional	National	Global	
398	B. Tech in Mechanical Engineering	AGME	Summer Training	AGME-21509	√	√	√	√	Summer Training typically refers to a period during which students engage in practical, hands-on work experience in their field of study, usually between academic years. The scope of summer training can vary widely depending on the industry, organization, and specific goals of the training program.
399	B. Tech in Mechanical Engineering	AGME	Design of Machine Elements-II	AGME-21601	√	√	√	√	Design of Machine Elements-I is a fundamental course in mechanical engineering that focuses on the design principles and practices for various machine components. It lays the groundwork for understanding how to design, analyze, and optimize individual machine elements to ensure their functionality, reliability, and efficiency.
400	B. Tech in Mechanical Engineering	AGME	Fluid Machinery	AGME-21602	√	√	√	√	The subject is fundamental to various engineering disciplines, particularly those involving the behavior and movement of fluids (liquids and gases). The knowledge gained from this course is applied across numerous industries and applications.
401	B. Tech in Mechanical Engineering	AGME	Heat Transfer	AGME-21603	√	√	√	√	A Heat Transfer Engineer specializes in the study and application of heat transfer principles to design, analyze, and optimize systems that involve the transfer of heat. This role is crucial in various industries, including energy, manufacturing, aerospace, and environmental engineering.
402	B. Tech in Mechanical Engineering	AGME	Industrial Automation and Robotics	AGME-21605	√	√	√	√	This course encompasses a range of technologies used to enhance efficiency, precision, and flexibility in manufacturing and industrial processes.
403	B. Tech in Mechanical Engineering	AGME	Fluid Machinery Lab	AGME-21606	√	√	√	√	It focuses on providing practical experience in understanding the behavior of fluids (liquids and gases) and their interactions with solid boundaries. This lab is essential for studying fluid flow characteristics, pressure, and the effects of fluids on various engineering systems.
404	B. Tech in Mechanical Engineering	AGME	Heat Transfer Lab	AGME-21607	√	√	√	√	The Heat Transfer Lab focuses on providing hands-on experience in studying and analyzing heat transfer processes, which are crucial for understanding how heat energy is transferred in various systems and applications.
405	B. Tech in Mechanical Engineering	AGME	MS Office Lab	AGME-21608	√	√	√	√	The MS Office Lab provides practical training on the Microsoft Office suite of applications, which are essential tools for productivity, communication, and data management in many professional and academic settings.
406	B. Tech in Mechanical Engineering	AGME	Functional English – III	AGFE - 21603	√	√	√	√	Functional English is typically designed to help students develop essential communication skills, focusing on practical language use in everyday situations, academic settings, and the professional world. The course aims to enhance students' proficiency in English, particularly in the areas of reading, writing, listening, and speaking.
407	B. Tech in Mechanical Engineering	AGME	Engineering Aptitude – III	AGAP - 21603	√	√	√	√	Engineering Aptitude is a foundational course designed to enhance students' problem-solving skills, logical reasoning, and analytical abilities. It typically covers a range of topics that are crucial for engineering students to succeed in their studies and future careers.
408	B. Tech in Mechanical Engineering	AGME	Refrigeration and Air conditioning	AGME-16701	√	√	√	√	A HVAC Engineer specializes in the design, installation, and maintenance of heating, ventilation, and air conditioning (HVAC) systems. These systems are crucial for providing comfortable and healthy indoor environments in residential, commercial, and industrial.
409	B. Tech in Mechanical Engineering	AGME	Mechanical Vibrations	ACME-16702	√	√	√	√	Mechanical Vibrations Control involves managing and mitigating vibrations in mechanical systems to improve performance, safety, and longevity. Vibrations can cause damage, reduce efficiency, and create discomfort or safety hazards.
410	B. Tech in Mechanical Engineering	AGME	Supply Chain Management	AGME 21703	√	√	√	√	Supply Chain Management (SCM) involves overseeing and optimizing the flow of goods, services, information, and finances from the point of origin to the final customer. It includes everything from procurement and production to distribution and logistics.
411	B. Tech in Mechanical Engineering	AGME	Refrigeration and Air Conditioning Lab	AGME 21705	√	√	√	√	The Refrigeration and Air Conditioning Lab focuses on providing practical experience and experimentation related to the principles, design, and operation of refrigeration and air conditioning systems.
412	B. Tech in Mechanical Engineering	AGME	Mechanical Vibration Lab	AGME 21706	√	√	√	√	The Mechanical Vibration Lab focuses on the study and analysis of vibrations in mechanical systems. It provides practical experience in understanding the behavior of vibrating systems, including the effects of vibrations on machinery and structures.
413	B. Tech in Mechanical Engineering	AGME	Semester Training	AGME 21801	√	√	√	√	Industrial Training in mechanical engineering is a key component of professional development, providing practical experience and insights into real-world engineering applications. The scope of industrial training typically includes a range of activities and objectives aimed at bridging the gap between theoretical knowledge and practical application.