Details of Program Outcome and Course Outcome

SFS College offers under graduate and pg courses in the following streams:

- **BA (JOURNALISM, PSYCHOLOGY & OPTIONAL ENGLISH)**
- **BA (SOCIOLOGY, ECONOMICS & PSYCHOLOGY)**
- **BA (HISTORY, ECONOMICS & POLITICAL SCIENCE)**
- **B. Com (FINANCE & ACCOUNTS)**
- **B. Com (TRAVEL & TOURISM)**
- **BBA**
- **BCA**
- **BSc (MATHEMATICS, ELECTRONICS & COMPUTER SCIENCE)**
- **BSc (PHYSICS, CHEMISTRY & MATHEMATICS**
- **MA ENGLISH**
- **MSc PSYCHOLOGY**
- **MCom REGULAR**
- **MCom FINANCIAL ANALYSIS**

LEVELS OF OUTCOMES

- Programme outcomes: POs are statements that describe what the students graduating from any of the educational programmes should be able to do.

- Programme specifics outcomes: PSO are statements that describe what the graduates of a specific educational programme should be able to do.

- Course outcomes: Cos are statements that describe what students should be able to do at the end of a course.

BBA

Course	COID	CO	POID	PO
Business Ethics	11655	BUSINESS ETHICS	12507	PO7. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the business practice.
Business Ethics	11656	PERSONAL ETHICS	12507	PO7. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the business practice.
Business Ethics	11657	ETHICS IN MANAGEMENT	12507	PO7. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the business practice.
Management Process	11660	Introduction to management	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.
Management Process	11660	Introduction to management	12506	PO6. Environment and sustainability: Understand the impact of the professional business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Management Process	11661	Planning	12503	PO3. Conduct investigations of complex problems: Use research-based knowledge and research methods including analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Management Process	11661	Planning	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.
Corporate Environment	11665	FORMATION OF COMPANY	12503	PO3. Conduct investigations of complex problems: Use research-based knowledge and research methods including analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Corporate Environment	11665	FORMATION OF COMPANY	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.
Corporate Environment	11666	CAPITAL OF COMPANY	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.
Corporate Environment	11666	CAPITAL OF COMPANY	12506	PO6. Environment and sustainability: Understand the impact of the professional business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Business Organization and Environment	11835	Understand in details with application, if applicable, trade and commerce,soleproprietorship features,partnership types and features,joint stock company formation and procedures,,business environment	12506	PO6. Environment and sustainability: Understand the impact of the professional business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Human Resources Management	11836	Deliberate the characteristics of introduction to HRM,Recruitment,Selection and Interview,Training,Performance appraisal,Recent Trends in HRD,Knowledge management,	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.
Quantitative Methods For Business-1	11851	Specify in details with application, if applicable, Number system, theory of equation, progressions,matrices and determinant, commercial arithmetic	12503	PO3. Conduct investigations of complex problems: Use research-based knowledge and research methods including analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Corportae Accounting	11858	Write down in details with application, if applicable, valuaation of goodwill	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Investment Management	11970	Understand in details with application, if applicable, introduction to investment managment	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Investment Management	11971	Learn in depth measurment of risk and return	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.

Investment Management	11972	Write down in details with examples thery of intrest rate	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Investment Management	11973	Write down the details of Security Analysis	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Advanced Financial Management	11981	Deliberate in details with examples Investment Dicisions and risk analysis	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Advanced Financial Management	11984	Deliberate in depth Techniques of measuring risk	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Advanced Financial Management	11985	Identify in details with examples cost of capital	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Advanced Financial Management	11986	Write down in details with examples capital structure	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.

Corportae Accounting	11991	Identify in details with application, if applicable, fiancial statement analysis	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Corportae Accounting	11993	Specify in depth Common size statement alaysis	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Financial Markets And Services	12068	Various Financial Markets in India & Stock exchanges	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Financial Markets And Services	12069	Various Non-banking financial institution	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Fundamentals of Accounting	12073	Learn the characteristics of Accounting concepts & conventions	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Fundamentals of Accounting	12074	Preparation of Journal & Ledger A/c	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.

BBA Hindi-3	12084	Write down in depth Dhruvsvamini ka Charitra chitran	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.
BBA Hindi-3	12085	Identify in details with examples Naari ki samasyanye	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.
BBA Hindi-3	12087	Deliberate the details of Karyalay aadesh patr	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.
Computer Applications In Business	12090	The objective of the subject is to make the students understand the concept of information systems used in business and to know the latest trends in doing business in internet environment.	12504	PO4. Modern tool usage: Create, select, and apply appropriate techniques, resources, and IT tools including prediction and modelling to complex project related activities with an understanding of the limitations.
Computer Applications In Business	12090	The objective of the subject is to make the students understand the concept of information systems used in business and to know the latest trends in doing business in internet environment.	13213	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Human Resources Management	12095	Identify the classification and characteristics of The objective is to familiarize the students with concepts and principles of Human Resource Management.jective of the subject is to make the students understand the concept of information systems used in business and to know the latest trends in doing business in internet environment.	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.

Business regulations	12099	The objective is to introduce the students to various regulations affecting business and to familiarize the students with such regulations	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Business regulations	12100	The objective is to introduce the students to various regulations affecting business and to familiarize the students with such regulations	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Business Organization and Environment	12115	Identify in depth Under stand in detail about business activities,Industries,Commerce- Trade & Aids to trade.Industry	12506	PO6. Environment and sustainability: Understand the impact of the professional business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Employee Welfare And Social Security	12118	Under stand in detail about Indian Labour Organization	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.
Employee Welfare And Social Security	12119	Under stand in detail about Statutory welfare measures in India and International.	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.
Culture Diversity and Society	12120	Under stand in detail about Customs and habits in village style of living.	12506	PO6. Environment and sustainability: Understand the impact of the professional business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Culture Diversity and Society	12120	Under stand in detail about Customs and habits in village style of living.	12507	PO7. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the business practice.
Culture Diversity and Society	12121	Deliberate the characteristics of Understand about various Stratification in society.	12506	PO6. Environment and sustainability: Understand the impact of the professional business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Culture Diversity and Society	12121	Deliberate the characteristics of Understand about various Stratification in society.	12507	PO7. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the business practice.
Culture Diversity and Society	12122	Specify in details with application, if applicable, Understand about discrimianation its evils and suggestions to overcome..	12506	PO6. Environment and sustainability: Understand the impact of the professional business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Culture Diversity and Society	12122	Specify in details with application, if applicable, Understand about discrimianation its evils and suggestions to overcome..	12507	PO7. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the business practice.
ENTREPRENEURIAL MANAGEMENT	12316	Write down the classification and characteristics of Entrepreneur,diff between manager and entrepreneur,SSI and its Problems,Business Plan,Financial Assistance for Technical and Non-Technical support.	12508	PO8. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Strategic Human Resources Management	13264	Learn the characteristics of INTRODUCTION	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.
Strategic Human Resources Management	13265	INVESTMENT PERSPECTIVES OF HR	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.
Management Accounting	13272	Understand in depth Introduction to management accounting-difference between management accounting, cost accounting and financial accounting-scope of management accounting-g	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
Management Accounting	13274	Understand the characteristics of cash flow statement-operating activities-financing activities-investing activities-format	12501	PO1. Accounting knowledge: Apply the knowledge of accountancy, Accounting fundamentals, and specialization on Finance to the solution of accounting problems.
BBA General English-1	13438	Identify in depth Tree, Environment, Nation's growth, Friend to sky, Ecology, Ecosystem	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.
BBA General English-1	13439	Specify in details with application, if applicable, python, grandfather, grandmother, lost snake, find out	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.

BBA General English-1	13440	Specify the classification and characteristics of last leaf, Sue, masterpiece, painting, positive approach	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.
BBA General English-1	13454	Write down in details with examples Grammar - Tenses, Articles, Synonyms, Antonyms	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.
BBA Soft Skills	13604	Deliberate the characteristics of Communication	12509	PO9. Communication: Communicate effectively on complex business activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BBA Soft Skills	13605	Write down the characteristics of Public Speaking	12509	PO9. Communication: Communicate effectively on complex business activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BBA Kannada-3	13966	Write down in details with examples Poetry, Small Story, Folklore and Article.	12502	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex Finance and Human Resources Management related problems and suggesting substantiated conclusions using first principles of Accountancy, Human Resource Management.

BBA Kannada-3	13966	Write down in details with examples Poetry, Small Story, Folklore and Article.	12504	PO4. Modern tool usage: Create, select, and apply appropriate techniques, resources, and IT tools including prediction and modelling to complex project related activities with an understanding of the limitations.
BBA Kannada-3	13966	Write down in details with examples Poetry, Small Story, Folklore and Article.	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.
BBA Kannada-1	13967	Understand the classification and characteristics of Poetry, Small Story, Folklore and Article.	12505	PO5. The Management and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Human Resources Management practices.
Science and Society	17286	Write down the details of importance of science in society	12506	PO6. Environment and sustainability: Understand the impact of the professional business solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Culture Diversity and Society	17298	Write down the classification and characteristics of Under stand in detail about Customs and habits in village style of living.	12507	PO7. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the business practice.

BCOM (F/A)

Course	COID	CO	POID	PO
Financial Accounting	11648	Specify the details of Hire Purchase System	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Financial Accounting	11652	Specify in details with application, if applicable, Introduction to Accountancy	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Goods and Services Tax	11739	Deliberate in details with examples input tax credit	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Goods and Services Tax	11739	Deliberate in details with examples input tax credit	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

Goods and Services Tax	11739	Deliberate in details with examples input tax credit	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Goods and Services Tax	11739	Deliberate in details with examples input tax credit	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Goods and Services Tax	11741	Deliberate in details with examples advance tax	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Goods and Services Tax	11741	Deliberate in details with examples advance tax	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Goods and Services Tax	11744	Write down the details of collection of gst	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,

Marketing And Services Management	11745	Understand in details with application, if applicable, marketing managment	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Marketing And Services Management	11745	Understand in details with application, if applicable, marketing managment	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Indian Financial System	11750	Understand the details of classification of indian financial system	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Indian Financial System	11750	Understand the details of classification of indian financial system	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Indian Financial System	11750	Understand the details of classification of indian financial system	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

Indian Financial System	11752	Write down the characteristics of regulatory bodies	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Financial Accounting	11783	Learn the details of Differences between hire purchase system and Instalment system	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Financial Accounting	11784	Understand the classification and characteristics of Important terms and provisions under hire purchase	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Entreprenuership Development	11791	Learn the characteristics of Introduction part of Entrepreneur and Entrepreneurship	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Entreprenuership Development	11791	Learn the characteristics of Introduction part of Entrepreneur and Entrepreneurship	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

Entreprenuership Development	11791	Learn the characteristics of Introduction part of Entrepreneur and Entrepreneurship	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Entreprenuership Development	11791	Learn the characteristics of Introduction part of Entrepreneur and Entrepreneurship	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Entreprenuership Development	11792	Deliberate the characteristics of Functions of Entrepreneur, pros and Cons of Entrepreneur and types	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Entreprenuership Development	11793	Understand the details of Formation of small scale industry	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Entreprenuership Development	11793	Understand the details of Formation of small scale industry	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Entreprenuership Development	11795	Understand in details with examples Formation of small scale industry	12340	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Business Ethics	11845	Specify the importance of ethics, necessity of developing virtues in personal life, understanding unethical practices in various functions of management, concept of work cultures and their impact on stakeholders, relevance of corporate governance	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Business Ethics	11845	Specify the importance of ethics, necessity of developing virtues in personal life, understanding unethical practices in various functions of management, concept of work cultures and their impact on stakeholders, relevance of corporate governance	12340	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Business Ethics	11845	Specify the importance of ethics, necessity of developing virtues in personal life, understanding unethical practices in various functions of management, concept of work cultures and their impact on stakeholders, relevance of corporate governance	12341	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
Business Ethics	11845	Specify the importance of ethics, necessity of developing virtues in personal life, understanding unethical practices in various functions of management, concept of work cultures and their impact on stakeholders, relevance of corporate governance	12343	PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Business Ethics	11845	Specify the importance of ethics, necessity of developing virtues in personal life, understanding unethical practices in various functions of management, concept of work cultures and their impact on stakeholders, relevance of corporate governance	12344	PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
BCOM English-01	11872	Deliberate in depth Three Soul searching stories by Shrikant Prasoon	12343	PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BCOM English-01	11876	Understand in details with examples the Liar by Mulk Raj	12343	PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Public Relation and corporate Communication	12039	Understand in details with examples Attitude and emotional intelligence	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Public Relation and corporate Communication	12039	Understand in details with examples Attitude and emotional intelligence	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,

Public Relation and corporate Communication	12040	Specify the characteristics of Vision,goal setting and time management	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Public Relation and corporate Communication	12040	Specify the characteristics of Vision,goal setting and time management	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Public Relation and corporate Communication	12040	Specify the characteristics of Vision,goal setting and time management	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Public Relation and corporate Communication	12040	Specify the characteristics of Vision,goal setting and time management	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Public Relation and corporate Communication	12040	Specify the characteristics of Vision,goal setting and time management	13224	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Business Ethics	12045	Identify in details with examples Business ethics	12341	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

Business Ethics	12046	Write down in depth Personal ethics	12341	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
Business Ethics	12047	Understand in depth ethics in management	12341	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
Business Ethics	12047	Understand in depth ethics in management	13224	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Costing Methods	12055	Specify the classification and characteristics of Introduction to Costing Methods	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Costing Methods	12056	Deliberate in details with application, if applicable, Job and Batch Costing	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Quantitative analysis for Business decisions-II	12057	Specify the characteristics of Correlation and Regression	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

Quantitative analysis for Business decisions-II	12057	Specify the characteristics of Correlation and Regression	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Quantitative analysis for Business decisions-II	12057	Specify the characteristics of Correlation and Regression	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Quantitative analysis for Business decisions-II	12057	Specify the characteristics of Correlation and Regression	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Quantitative analysis for Business decisions-II	12057	Specify the characteristics of Correlation and Regression	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
International Financial Reporting Standards	12104	Write down the characteristics of International Financial Reporting Standards	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,

International Financial Reporting Standards	12104	Write down the characteristics of International Financial Reporting Standards	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
International Financial Management	12109	Deliberate the classification and characteristics of The Finance Function	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
International Financial Management	12109	Deliberate the classification and characteristics of The Finance Function	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
International Financial Management	12109	Deliberate the classification and characteristics of The Finance Function	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
International Financial Management	12109	Deliberate the classification and characteristics of The Finance Function	12340	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
International Financial Management	12110	Deliberate the details of Working Capital Management	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

International Financial Management	12110	Deliberate the details of Working Capital Management	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Income Tax - I	12123	Specify the classification and characteristics of Introduction to Income Tax	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Income Tax - I	12123	Specify the classification and characteristics of Introduction to Income Tax	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Income Tax - I	12124	Identify the classification and characteristics of Exempted Incomes	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Income Tax - I	12124	Identify the classification and characteristics of Exempted Incomes	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Income Tax - I	12124	Identify the classification and characteristics of Exempted Incomes	12340	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Income Tax - I	12125	Identify in depth Residential Status	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Income Tax - I	12125	Identify in depth Residential Status	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Financial Management	12129	Deliberate the characteristics of Introduction to Financial Management	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Financial Management	12130	Learn in details with application, if applicable, Time Value of Money	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
BCOM-Hindi03	12166	mahakavi kaalidas	12341	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
BCOM-Hindi03	12166	mahakavi kaalidas	13224	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.

BCOM-Hindi03	12167	kalidas ki rachna	12341	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
BCOM-Hindi03	12167	kalidas ki rachna	13224	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
BCOM-Hindi03	12168	Write down the classification and characteristics of sarkari patra	12341	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
BCOM-Hindi03	12170	Understand the characteristics of ardh sarkari patra	12341	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
BCOM-Hindi03	12171	Mohan Rakesh aur Aashaadh ka ek Din	12341	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
International Financial Reporting Standards	12177	Specify in details with examples International Financial Reporting Standards	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

International Financial Reporting Standards	12177	Specify in details with examples International Financial Reporting Standards	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
International Financial Reporting Standards	12177	Specify in details with examples International Financial Reporting Standards	12340	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
BCOM English-03	12220	Specify in details with examples the cuckoo bird, a wondering voice, invisble thing, a mystery, call thee a bird, schoolboy days, blessed bird, home fit for thee	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
BCOM English-03	12222	Deliberate in details with examples soul searching stories, carrying load, unwanted thoughts, let go in life, habits, not to have control over us, king, failed to achieve	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
BCOM English-03	12224	Deliberate the characteristics of liar, story teller, lots of stories, little boy, listening	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

BCOM English-01	12395	Write down in details with examples courteous enquiries -enquiring courteously	12343	PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BCOM English-01	12396	Learn in details with application, if applicable, Meeting and leave taking -Group discussion	12343	PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BCOM English-01	12397	Learn the characteristics of Prose-My Teacher - Autobiography	12343	PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BCOM English-01	12398	Specify in depth comprehension-unseen passage,summarising,essay	12343	PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
International Banking and forex Management	12492	Understand the classification and characteristics of Introduction To International Banking	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

International Banking and forex Management	12492	Understand the classification and characteristics of Introduction To International Banking	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
International Banking and forex Management	12492	Understand the classification and characteristics of Introduction To International Banking	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
International Banking and forex Management	12493	Learn the classification and characteristics of International Capital Market	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
International Banking and forex Management	12493	Learn the classification and characteristics of International Capital Market	12340	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
International Banking and forex Management	12493	Learn the classification and characteristics of International Capital Market	12343	PO10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Life and general Insurance	13331	Deliberate in depth introduction to ulip	12340	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Life and general Insurance	13332	Understand the details of introduction to life insurance	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Life and general Insurance	13332	Understand the details of introduction to life insurance	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Life and general Insurance	13333	Learn the classification and characteristics of legal aspects of life insurance	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Advanced Accounting	13376	Identify the characteristics of Accounts of banking companies	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Advanced Accounting	13376	Identify the characteristics of Accounts of banking companies	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Advanced Accounting	13394	Specify the details of Accounts of banking companies	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Advanced Accounting	13394	Specify the details of Accounts of banking companies	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Advanced Accounting	13395	Understand in details with application, if applicable, Accounts of banking companies	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
BCOM English-03	13455	Write down the details of Grammar - Letter, Sales Letter, CV, Cover letter, Complain and response letters	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Corporate Administration	13482	Identify in depth unit-01 INTRODUCTION TO COMPANY	12340	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Corporate Administration	13483	Specify in depth unit-02 FORMATION OF A COMPANY	12340	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Corporate Accounting	13663	Specify the classification and characteristics of underwriting of shares	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Corporate Accounting	13663	Specify the classification and characteristics of underwriting of shares	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Corporate Accounting	13664	Understand in depth underwriting of shares	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Corporate Accounting	13665	Specify the details of profit prior to incorporation	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
BCOM Kannada-01	13963	Learn the classification and characteristics of Poetry, Story, Language skills and Article.	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
BCOM Kannada-01	13963	Learn the classification and characteristics of Poetry, Story, Language skills and Article.	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

BCOM Kannada-03	13964	Identify the characteristics of Poetry, Story, Language skills and Article.	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
BCOM Kannada-03	13964	Identify the characteristics of Poetry, Story, Language skills and Article.	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
BCOM Kannada-03	13964	Identify the characteristics of Poetry, Story, Language skills and Article.	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
BCOM Kannada-03	13964	Identify the characteristics of Poetry, Story, Language skills and Article.	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
BCOM Kannada-01	13977	Identify the details of BCOM First Semester Kannada Language Syllabus is comprised of four sections: Poetry, Story,Language skills and Article. Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
BCOM Kannada-01	13977	Identify the details of BCOM First Semester Kannada Language Syllabus is comprised of four sections: Poetry, Story,Language skills and Article. Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

BCOM Kannada-01	13977	Identify the details of BCOM First Semester Kannada Language Syllabus is comprised of four sections: Poetry, Story,Language skills and Article. Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
BCOM ENGLISH-04	27750	Identify in details with application, if applicable, Jonathan Livingston Seagull by Richard Bach	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
BCOM ENGLISH-04	27753	Specify the details of The Hoop by Feodor Sologub	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
BCOM ENGLISH-04	27755	Write down in details with examples How Soon Hath Time by John Milton	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
BCOM ENGLISH-04	27763	Write down in details with examples Nationalism - An Interview by Bertrand Russell	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Banking Law and Operations	28271	Deliberate the characteristics of Banking law and operations	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

Banking Law and Operations	28271	Deliberate the characteristics of Banking law and operations	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Principles of Event Management	28450	Identify the details of Establishing of policies and procedures	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Principles of Event Management	28453	Specify the classification and characteristics of Principles for holding the event	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Principles of Event Management	28455	Deliberate in depth Roles and responsibilities of event manager	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Risk Management	28466	Identify in details with examples Types of risk	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Risk Management	28467	Write down in details with application, if applicable, Various elements of cost of risk	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

Risk Management	28467	Write down in details with application, if applicable, Various elements of cost of risk	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Quantitative Analysis for Business Decesions-1	28476	Specify the classification and characteristics of Scope	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Quantitative Analysis for Business Decesions-1	28476	Specify the classification and characteristics of Scope	12339	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Quantitative Analysis for Business Decesions-1	28478	Understand in details with examples Frequency distribution	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Principles and Practices of Auditing	28492	Identify in depth Auditing	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Principles and Practices of Auditing	28493	Understand the characteristics of Internal control and internal check	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Advanced Financial Accounting	28505	Write down the classification and characteristics of Fire Insurance	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Advanced Financial Accounting	28505	Write down the classification and characteristics of Fire Insurance	12337	PO3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Advanced Financial Accounting	28508	Write down in details with application, if applicable, Branch Accounts	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
E-Business and Accounting	28606	Write down in details with examples Meaning of E-Commerce	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

E-Business and Accounting	28608	Write down in details with examples Business models of E-Commerce	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Business Taxation	28640	Write down in details with application, if applicable, Assessment of company	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Business Taxation	28640	Write down in details with application, if applicable, Assessment of company	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Retail Management	28645	Specify the details of Introduction to retailers	12271	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Retail Management	28645	Specify the details of Introduction to retailers	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Performance Management	28693	Specify the characteristics of specialist cost and management accounting techniques	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,

Performance Management	28695	Identify in details with application, if applicable, budget and control	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Income Tax-2	28697	Write down in details with examples profits and gains from business or profession	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Advanced Corporate Accounting	28706	Learn the details of Mergers and acquisition of companies	12272	Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice
Advanced Corporate Accounting	28706	Learn the details of Mergers and acquisition of companies	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Cost Accounting	28735	Deliberate the characteristics of Learn the meaning of Cost Sheet, prepare cost sheet and estimated cost sheet	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,
Cost Accounting	28736	Write down the classification and characteristics of Learn the meaning of Cost Sheet, prepare cost sheet and estimated cost sheet	12336	Problem analysisIdentify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences,

Cost Accounting	28736	Write down the classification and characteristics of Learn the meaning of Cost Sheet, prepare cost sheet and estimated cost sheet	12338	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

BCOM (T/T)

Course	COID	CO	POID	PO
Tourism Business	12060	Learn the characteristics of Introduction to tourism	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Tourism Business	12060	Learn the characteristics of Introduction to tourism	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Tourism Business	12060	Learn the characteristics of Introduction to tourism	13232	PO12 Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Tourism Business	12061	Specify the classification and characteristics of Attraction of tourism sites	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Tourism Business	12062	Specify in details with examples Accommodation facilities of tourism business	13232	PO12 Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Tourism Business	12063	Write down the details of tourism business growth in India and Karnataka	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Tourism Business	12064	Deliberate the classification and characteristics of Accessibility of tourism business	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Tourism Business	12064	Deliberate the classification and characteristics of Accessibility of tourism business	13232	PO12 Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
BCOM-TT Hindi01	12078	Understand the characteristics of Streeyon ki badti hui swatantrata	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
BCOM-TT Hindi01	12079	Learn in details with examples Bahu ki vidha	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.

BCOM-TT Hindi01	12079	Learn in details with examples Bahu ki vidha	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
BCOM-TT Hindi01	12081	Identify the classification and characteristics of Poochtach sambandhi patr	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Marketing and Services management	13280	Understand the characteristics of marketing managment	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Marketing and Services management	13280	Understand the characteristics of marketing managment	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Financial Management	13337	Learn in details with application, if applicable, introduction of financial management	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Financial Accounting	13365	Deliberate the characteristics of introduction to financial accounting	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.

Financial Accounting	13367	Learn the characteristics of hire purchase	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Financial Accounting	13367	Learn the characteristics of hire purchase	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Financial Accounting	13367	Learn the characteristics of hire purchase	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Life and General Insurance	13427	Understand the details of types of insurance, indian insurance contract, types of general contract,insurance claim management	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Life and General Insurance	13427	Understand the details of types of insurance, indian insurance contract, types of general contract,insurance claim management	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Life and General Insurance	13428	Deliberate in details with examples legal aspects of insurance	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.

Indian Financial System	13431	Write down the characteristics of introduction to indian financial system	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Indian Financial System	13431	Write down the characteristics of introduction to indian financial system	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Indian Financial System	13431	Write down the characteristics of introduction to indian financial system	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Indian Financial System	13432	Write down in depth financial institutions	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
BCOM-TT Kannada01	13491	Learn the details of Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
BCOM-TT Kannada01	13491	Learn the details of Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.

International Financial Management	13504	Write down the details of The finance function	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
International Financial Management	13505	Specify the details of The finance function	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
International Financial Management	13505	Specify the details of The finance function	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
International Financial Management	13505	Specify the details of The finance function	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
International Financial Management	13506	Deliberate in details with application, if applicable, Working Capital Management	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
International Financial Management	13506	Deliberate in details with application, if applicable, Working Capital Management	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

International Financial Management	13507	Specify in depth Working Capital Management	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
International Financial Management	13507	Specify in depth Working Capital Management	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Science and Society	13939	Learn in details with examples science	13232	PO12 Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
BCOM-TT Kannada03	13968	Write down the characteristics of Poetry, Small Story, Folklore and Article.	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
BCOM-TT Kannada03	13968	Write down the characteristics of Poetry, Small Story, Folklore and Article.	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

BCOM-TT Kannada03	13968	Write down the characteristics of Poetry, Small Story, Folklore and Article.	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BCOM-TT Kannada03	13968	Write down the characteristics of Poetry, Small Story, Folklore and Article.	13232	PO12 Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
International Banking and Forex Management	14100	Specify the details of Introduction of IB	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
International Banking and Forex Management	14100	Specify the details of Introduction of IB	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
International Banking and Forex Management	14101	Write down the details of International capital markets	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

International Banking and Forex Management	14101	Write down the details of International capital markets	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
International Banking and Forex Management	14101	Write down the details of International capital markets	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Quantitative Analysis for Business decisions-II	16236	Write down the details of Quantitative Analysis for Business Decisions	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Quantitative Analysis for Business decisions-II	16236	Write down the details of Quantitative Analysis for Business Decisions	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Quantitative Analysis for Business decisions-II	16238	Understand in details with application, if applicable, Quantitative Analysis for Business Decisions	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Quantitative Analysis for Business decisions-II	16238	Understand in details with application, if applicable, Quantitative Analysis for Business Decisions	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Quantitative Analysis for Business decisions-II	16239	Deliberate in details with application, if applicable, Quantitative Analysis for Business Decisions	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Quantitative Analysis for Business decisions-II	16239	Deliberate in details with application, if applicable, Quantitative Analysis for Business Decisions	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Public Relation and Corporate Communication	17268	Deliberate in depth Attitude & Emotional Intelligence	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Public Relation and Corporate Communication	17268	Deliberate in depth Attitude & Emotional Intelligence	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Public Relation and Corporate Communication	17268	Deliberate in depth Attitude & Emotional Intelligence	13232	PO12 Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Public Relation and Corporate Communication	17269	Specify in details with application, if applicable, Vision,Goal Setting & Time management	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

Public Relation and Corporate Communication	17269	Specify in details with application, if applicable, Vision,Goal Setting & Time management	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Public Relation and Corporate Communication	17269	Specify in details with application, if applicable, Vision,Goal Setting & Time management	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Corporate Accounting	17278	Learn the characteristics of Underwriting	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Corporate Accounting	17278	Learn the characteristics of Underwriting	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Corporate Accounting	17278	Learn the characteristics of Underwriting	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Corporate Accounting	17279	Write down the characteristics of Pre and post incorporation profits	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Corporate Accounting	17279	Write down the characteristics of Pre and post incorporation profits	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Corporate Accounting	17279	Write down the characteristics of Pre and post incorporation profits	13232	PO12 Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Income Tax - I	17308	Learn in details with examples concepts of residential status	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Income Tax - I	17308	Learn in details with examples concepts of residential status	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Income Tax - I	17311	Deliberate the details of Income from house property	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Income Tax - I	17311	Deliberate the details of Income from house property	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Income Tax - I	17325	Understand in details with examples introduction to Income Tax	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.
Income Tax - I	17325	Understand in details with examples introduction to Income Tax	13231	PO10 Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Income Tax - I	17325	Understand in details with examples introduction to Income Tax	13232	PO12 Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Tourism Marketing	28485	Identify the classification and characteristics of marketing	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Tourism Marketing	28487	Learn the classification and characteristics of marketing of tourism	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Tourism Planning and Development Policy	28571	Learn the classification and characteristics of concepts of planning	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Tourism Planning and Development Policy	28572	Specify the details of five years plans and planning for tourism	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Performance Management	28737	Deliberate the details of specialist cost and management accounting techniques	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Performance Management	28739	Write down the details of budget and control	13230	PO9 Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Business Taxation	28774	Identify in depth Assessment of company	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Business Taxation	28774	Identify in depth Assessment of company	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.

Risk Management	29264	Specify in details with examples TYPES OF RISK	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Risk Management	29265	Specify the classification and characteristics of SOURSES OF RISK EXPOSURE	13228	PO5 Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Risk Management	29265	Specify the classification and characteristics of SOURSES OF RISK EXPOSURE	13229	PO8 Apply ethical principles and commit to professional ethics and responsibilities through literature.

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Course	COID	CO	POID	PO
Microprocessor With Assembly Language	11647	Specify the details of Microprocessor	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
Microprocessor With Assembly Language	11649	Write down the details of Microprocessor,Assembly Language	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.

Financial Accounting and Management	11653	Deliberate in details with application, if applicable, Accounting process concepts principles standards	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
Financial Accounting and Management	11653	Deliberate in details with application, if applicable, Accounting process concepts principles standards	12322	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Financial Accounting and Management	11654	Write down the details of Accounting process concepts principles standards	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
Financial Accounting and Management	11654	Write down the details of Accounting process concepts principles standards	12321	Design/development of solutions: Design solutions for complex computer problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Financial Accounting and Management	11654	Write down the details of Accounting process concepts principles standards	12322	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Problem Solving Techniques Using C	11693	Specify in details with application, if applicable, Structure of c program	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.

Problem Solving Techniques Using C	11693	Specify in details with application, if applicable, Structure of c program	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
Problem Solving Techniques Using C	11694	Specify in depth Structure of c program tokens keyword	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
Problem Solving Techniques Using C	11695	Write down in depth Operators managing input output function	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
Data Communication Network	11736	Understand in details with examples Network layer and architecture	12327	Communication: Communicate effectively on computer science activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions
Data Communication Network	11736	Understand in details with examples Network layer and architecture	13236	PO10 : Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Data Communication Network	11736	Understand in details with examples Network layer and architecture	13237	PO10 : Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Data Communication Network	11737	Understand in details with examples Analog and digital signals	13236	PO10 : Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Microprocessor With Assembly Language	11776	Identify in details with examples 8085 microprocessor	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
Microprocessor With Assembly Language	11776	Identify in details with examples 8085 microprocessor	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
Object Oriented Programming Using C++	11801	Learn the classification and characteristics of Oops, streams, templates, polymorphism, virtual function	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
Computer Architecture	11803	Write down the classification and characteristics of Digital logic circuits, data representation,computer organisations, input output organisations, CPU organisations	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.

Digital Electronics	11838	Learn the classification and characteristics of Network theorems,semiconductors,number systems,Boolean algebra, flipflop,	12322	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Software Engineering	11839	Specify in details with application, if applicable, Software and system engineering,software requirements,prototyping,design,testing and software management	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
Software Engineering	11839	Specify in details with application, if applicable, Software and system engineering,software requirements,prototyping,design,testing and software management	12321	Design/development of solutions: Design solutions for complex computer problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Discrete mathematics	11842	Understand in depth Sets,relations,functions, mathematical logic,matrix,logarithm,permutation and combination,analytical geometry,group and vectors	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
Discrete mathematics	11842	Understand in depth Sets,relations,functions, mathematical logic,matrix,logarithm,permutation and combination,analytical geometry,group and vectors	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
Discrete mathematics	11842	Understand in depth Sets,relations,functions, mathematical logic,matrix,logarithm,permutation and combination,analytical geometry,group and vectors	12321	Design/development of solutions: Design solutions for complex computer problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Discrete mathematics	11842	Understand in depth Sets,relations,functions, mathematical logic,matrix,logarithm,permutation and combination,analytical geometry,group and vectors	12322	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Discrete mathematics	11842	Understand in depth Sets,relations,functions, mathematical logic,matrix,logarithm,permutation and combination,analytical geometry,group and vectors	12323	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern IT tools including prediction and modelling to complex computer activities with an understanding of the limitations
Discrete mathematics	11842	Understand in depth Sets,relations,functions, mathematical logic,matrix,logarithm,permutation and combination,analytical geometry,group and vectors	12324	Environment and sustainability: Understand the impact of the professional computer science solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Discrete mathematics	11842	Understand in depth Sets,relations,functions, mathematical logic,matrix,logarithm,permutation and combination,analytical geometry,group and vectors	12325	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the software practice.
BCA Hindi-1	12050	Understand and characterise Mahabharat ki ek sanjh	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
BCA Hindi-1	12050	Understand and characterise Mahabharat ki ek sanjh	12322	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

BCA Hindi-1	12051	Identify in details with examples Sapne sach bhi hotehain	12323	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern IT tools including prediction and modelling to complex computer activities with an understanding of the limitations
BCA Hindi-1	12053	Write down in depth Biography of maharishi chark	12324	Environment and sustainability: Understand the impact of the professional computer science solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Java	12150	Write down the details of Java is an object-oriented language, and there is a growing consensus in the computing world, both educational and industrial, that computer programming should be thought of primarily in object-oriented terms. In the early days of computers, a computer was a standalone device into which you fed in data, it did some calculations and gave you some output. The emphasis then was on trying to give some structure to the instructions which made the computer do the calculations, so that the instructions as a whole could be broken down into smaller self-contained parts. Being able to divide a program into parts like this made it easier to understand, and the job of programming was made easier if you planned what you were doing by breaking the task down into parts. This was termed "structured programming". Structured programming was seen as the program as one structured entity operating on the data as another, hence the phrase that was used to describe it "Program=Algorithm+Data Structure" ("algorithm" is defined in the on-line dictionary of computer terms as "A detailed sequence of actions to perform to accomplish some task"). In contrast, object-oriented programming sees computing as a large number of entities, each of which has both its own data to hold and instructions to follow, interacting with each other.	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.

Java	12150	Write down the details of Java is an object-oriented language, and there is a growing consensus in the computing world, both educational and industrial, that computer programming should be thought of primarily in object-oriented terms. In the early days of computers, a computer was a standalone device into which you fed in data, it did some calculations and gave you some output. The emphasis then was on trying to give some structure to the instructions which made the computer do the calculations, so that the instructions as a whole could be broken down into smaller self-contained parts. Being able to divide a program into parts like this made it easier to understand, and the job of programming was made easier if you planned what you were doing by breaking the task down into parts. This was termed "structured programming". Structured programming was seen as the program as one structured entity operating on the data as another, hence the phrase that was used to describe it "Program=Algorithm+Data Structure" ("algorithm" is defined in the on-line dictionary of computer terms as "A detailed sequence of actions to perform to accomplish some task"). In contrast, object-oriented programming sees computing as a large number of entities, each of which has both its own data to hold and instructions to follow, interacting with each other.	12323	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern IT tools including prediction and modelling to complex computer activities with an understanding of the limitations

Java	12151	Specify in depth Java is an object-oriented language, and there is a growing consensus in the computing world, both educational and industrial, that computer programming should be thought of primarily in object-oriented terms. In the early days of computers, a computer was a standalone device into which you fed in data, it did some calculations and gave you some output. The emphasis then was on trying to give some structure to the instructions which made the computer do the calculations, so that the instructions as a whole could be broken down into smaller self-contained parts. Being able to divide a program into parts like this made it easier to understand, and the job of programming was made easier if you planned what you were doing by breaking the task down into parts. This was termed "structured programming". Structured programming was seen as the program as one structured entity operating on the data as another, hence the phrase that was used to describe it "Program=Algorithm+Data Structure" ("algorithm" is defined in the on-line dictionary of computer terms as "A detailed sequence of actions to perform to accomplish some task"). In contrast, object-oriented programming sees computing as a large number of entities, each of which has both its own data to hold and instructions to follow, interacting with each other.	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.

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Java	12151	Specify in depth Java is an object-oriented language, and there is a growing consensus in the computing world, both educational and industrial, that computer programming should be thought of primarily in object-oriented terms. In the early days of computers, a computer was a standalone device into which you fed in data, it did some calculations and gave you some output. The emphasis then was on trying to give some structure to the instructions which made the computer do the calculations, so that the instructions as a whole could be broken down into smaller self-contained parts. Being able to divide a program into parts like this made it easier to understand, and the job of programming was made easier if you planned what you were doing by breaking the task down into parts. This was termed "structured programming". Structured programming was seen as the program as one structured entity operating on the data as another, hence the phrase that was used to describe it "Program=Algorithm+Data Structure" ("algorithm" is defined in the on-line dictionary of computer terms as "A detailed sequence of actions to perform to accomplish some task"). In contrast, object-oriented programming sees computing as a large number of entities, each of which has both its own data to hold and instructions to follow, interacting with each other.	12321	Design/development of solutions: Design solutions for complex computer problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

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Operating System	12159	Understand the classification and characteristics of An operating system is a program that acts as an interface between the software and the computer hardware. It is an integrated set of specialized programs used to manage overall resources and operations of the computer. It is a specialized software that controls and monitors the execution of all other programs that reside in the computer, including application programs and other system software.	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
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Operating System	12160	Identify in details with examples An operating system is a program that acts as an interface between the software and the computer hardware. It is an integrated set of specialized programs used to manage overall resources and operations of the computer. It is a specialized software that controls and monitors the execution of all other programs that reside in the computer, including application programs and other system software.	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
Operating System	12160	Identify in details with examples An operating system is a program that acts as an interface between the software and the computer hardware. It is an integrated set of specialized programs used to manage overall resources and operations of the computer. It is a specialized software that controls and monitors the execution of all other programs that reside in the computer, including application programs and other system software.	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
Operating System	12161	Deliberate in depth An operating system is a program that acts as an interface between the software and the computer hardware. It is an integrated set of specialized programs used to manage overall resources and operations of the computer. It is a specialized software that controls and monitors the execution of all other programs that reside in the computer, including application programs and other system software.	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
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Operating System	12162	Deliberate the classification and characteristics of An operating system is a program that acts as an interface between the software and the computer hardware. It is an integrated set of specialized programs used to manage overall resources and operations of the computer. It is a specialized software that controls and monitors the execution of all other programs that reside in the computer, including application programs and other system software.	12321	Design/development of solutions: Design solutions for complex computer problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Operating System	12163	Understand in depth An operating system is a program that acts as an interface between the software and the computer hardware. It is an integrated set of specialized programs used to manage overall resources and operations of the computer. It is a specialized software that controls and monitors the execution of all other programs that reside in the computer, including application programs and other system software.	12322	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Operating System	12164	Deliberate in details with examples An operating system is a program that acts as an interface between the software and the computer hardware. It is an integrated set of specialized programs used to manage overall resources and operations of the computer. It is a specialized software that controls and monitors the execution of all other programs that reside in the computer, including application programs and other system software.	12324	Environment and sustainability: Understand the impact of the professional computer science solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
BCA English-1	12456	Deliberate the classification and characteristics of The Wolf - Farooq Sarwar	12327	Communication: Communicate effectively on computer science activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions
BCA English-1	12456	Deliberate the classification and characteristics of The Wolf - Farooq Sarwar	12328	Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

BCA English-1	12456	Deliberate the classification and characteristics of The Wolf - Farooq Sarwar	13237	PO10 : Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BCA English-1	12460	Specify in depth Leaving - M G Vassanji	12327	Communication: Communicate effectively on computer science activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions
BCA English-1	12460	Specify in depth Leaving - M G Vassanji	13236	PO10 : Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BCA English-1	12460	Specify in depth Leaving - M G Vassanji	13237	PO10 : Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
BCA English-1	12462	Identify in details with application, if applicable, Wings of Fire - Dr APJ Abdul Kalam	12327	Communication: Communicate effectively on computer science activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions

BCA Kannada-1	13729	Understand the classification and characteristics of Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
BCA Kannada-1	13729	Understand the classification and characteristics of Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
BCA Kannada-1	13730	Deliberate in details with application, if applicable, Transcendentalism, realistic portrayal of the village, love of silent animals, kindness and present life	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
BCA English-3	13745	Understand the details of Conflations III: As a Son, My Daughter, Learning about up sons and Daughters, Tightrope by Kanu Acharya, Understanding to know if government is successful in providing food for the needy. Language Activities. The Play: The Proposal by Anton Chekhov " The Prime requirement to resolve issuse".	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
BCA Kannada-3	13970	Identify in details with examples Poetry, Story,Language skills and Article.	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
BCA Kannada-3	13970	Identify in details with examples Poetry, Story,Language skills and Article.	12321	Design/development of solutions: Design solutions for complex computer problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

DATABASE MANAGEMENT SYSTEM	24475	Identify in details with examples Database system concepts and architecture, data modelling using the entity relationship model	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
DATABASE MANAGEMENT SYSTEM	24477	Write down in depth Relational database language, sql statements, joins, sub queries, pl/sql	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
UNIX SHELL PROGRAMMING	24479	Identify in details with examples Introduction to Unix system operating system, Unix file system, file and directory related commands	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
UNIX SHELL PROGRAMMING	24483	Identify the classification and characteristics of Control structures in shell programming and looping statements	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
DATA STRUCTURES	27793	Specify the characteristics of Preliminaries,strings,arrays	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
DATA STRUCTURES	27823	Specify in details with examples String operations,searching and sorting techniques	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.

SYSTEM PROGRAMMING	27871	Understand in details with application, if applicable, Sorting in assembly language	12321	Design/development of solutions: Design solutions for complex computer problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
SYSTEM PROGRAMMING	27871	Understand in details with application, if applicable, Sorting in assembly language	12322	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
OPERATION RESEARCH	27970	Learn in depth Transportation method	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
OPERATION RESEARCH	27985	Deliberate the details of Operation Research	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
THEORY OF COMPUTATION	27987	Deliberate the details of Theory of computation	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
THEORY OF COMPUTATION	27989	Write down the characteristics of Deterministic finite automata	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.

VISUAL PROGRAMMING	28174	Learn the details of Introduction to vb	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
VISUAL PROGRAMMING	28176	Write down in details with examples Programming in vb	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.
NUMERICAL AND STATISTICAL METHODS	28232	Specify in details with application, if applicable, Finite difference and interpolation	12319	Computer Science knowledge: Apply the knowledge of mathematics, science, computer science fundamentals to the solution of complex computer problems.
NUMERICAL AND STATISTICAL METHODS	28232	Specify in details with application, if applicable, Finite difference and interpolation	12320	Problem analysis: Identify, formulate, research literature, and analyze complex computer problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and computer sciences.

BA (JPE)

Course	COID	CO	POID	PO
Optional English-3	11877	Write down the details of Ring out wild bells to the wild sky by Tennyson	12305	PO10. Communication: Communicate effectively on complex human activities with the community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Optional English-3	11888	Understand in depth Odour of Chrysanthemums	12305	PO10. Communication: Communicate effectively on complex human activities with the community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Journalism -1	12029	Specify in details with application, if applicable, Basic communication, Models of communication , characteristics of Print and electronic media	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Journalism -1	12029	Specify in details with application, if applicable, Basic communication, Models of communication , characteristics of Print and electronic media	12300	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Journalism -1	12029	Specify in details with application, if applicable, Basic communication, Models of communication , characteristics of Print and electronic media	12301	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Journalism -1	12029	Specify in details with application, if applicable, Basic communication, Models of communication , characteristics of Print and electronic media	12302	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Journalism -1	12029	Specify in details with application, if applicable, Basic communication, Models of communication , characteristics of Print and electronic media	12305	PO10. Communication: Communicate effectively on complex human activities with the community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Journalism -3	12031	Learn the details of Audio visual media, History and characteristics of Radio ,TV and Cinema	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Journalism -3	12031	Learn the details of Audio visual media, History and characteristics of Radio ,TV and Cinema	12302	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Journalism -3	12031	Learn the details of Audio visual media, History and characteristics of Radio ,TV and Cinema	12303	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.

Journalism -3	12031	Learn the details of Audio visual media, History and characteristics of Radio ,TV and Cinema	12304	PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Journalism VI	12033	Write down the classification and characteristics of Writing editorials, Using symbols of editing,unit count , Make up and designing of front and inside pages	12301	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Journalism VI	12033	Write down the classification and characteristics of Writing editorials, Using symbols of editing,unit count , Make up and designing of front and inside pages	12302	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Journalism VI	12033	Write down the classification and characteristics of Writing editorials, Using symbols of editing,unit count , Make up and designing of front and inside pages	12303	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.
Journalism VI	12033	Write down the classification and characteristics of Writing editorials, Using symbols of editing,unit count , Make up and designing of front and inside pages	12304	PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
Journalism VI	12033	Write down the classification and characteristics of Writing editorials, Using symbols of editing,unit count , Make up and designing of front and inside pages	12305	PO10. Communication: Communicate effectively on complex human activities with the community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Psychology-1	12181	Write down the details of Basic psychology, goals, perspectives in psychology, research methods	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Psychology-1	12181	Write down the details of Basic psychology, goals, perspectives in psychology, research methods	12300	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Psychology-1	12181	Write down the details of Basic psychology, goals, perspectives in psychology, research methods	12301	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Psychology-3	12186	Specify in depth theoretical approaches to human development, influences, stages, principles of Balte's life span	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Psychology V	12188	Deliberate in depth defining abnormality, criteria, myths and misconceptions	12301	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Optional English VI	12418	Learn in details with application, if applicable, European and Non-European Writing. Poetry, Short Fiction, Essays and Drams.	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.

Optional English V	12463	Specify the details of The Chess Players - Munshi Premchand	12306	PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Optional English V	12464	Learn in details with application, if applicable, Kuvempu - Kalki	12306	PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Optional English V	12465	Deliberate the details of Is there an Indian Way of Thinking - A K Ramanujan	12306	PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Journalism V	13220	Understand the characteristics of Reporting 1. News:definition,values,sources,principles of news writing 2.News structure:meaning types of lead &news stories . 3.reporter:qualification of reporter , beat reporter , correspondents , foreign correspondants, stringers ,free lance journalist ,mofussial .4.Interviews :meaning , types,techniques,method of writing interview stories. 5. Reporting: meaning,parliament , crime,sports , speech , press conference reporting.	13723	PO3. Reporthing- News: Definitions -New Values - principles of news writing ...- News Structure -types -leads : types of leads -types of News Stories..
Optional English-3	13579	Deliberate in depth Aurora Leigh by Elizabeth Barrett Browning	12305	PO10. Communication: Communicate effectively on complex human activities with the community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

Optional English-3	13590	Learn the characteristics of Function of criticism by Eliot	12305	PO10. Communication: Communicate effectively on complex human activities with the community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
JPE Hindi-1	14000	Identify in depth vikari shabd	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
JPE Hindi-1	14000	Identify in depth vikari shabd	12302	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
JPE Hindi-1	14000	Identify in depth vikari shabd	12303	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.
JPE Hindi-1	14000	Identify in depth vikari shabd	12304	PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

JPE Hindi-1	14000	Identify in depth vikari shabd	12305	PO10. Communication: Communicate effectively on complex human activities with the community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
JPE Hindi-1	14001	Deliberate in details with application, if applicable, sagya	12300	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
JPE Hindi-1	14002	Understand in details with examples sarvanam	12301	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
JPE Hindi-1	14003	Deliberate the details of grameen jeevan ki samasyanye	12303	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.
OPTIONAL ENGLISH-2	27785	Understand in depth British Literature and facets of Language, Prose, Poetry, Novel etc	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
OPTIONAL ENGLISH-2	27794	Deliberate in details with examples Section I: Poetry-The Age of Transition, The Romantic Age,	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.

OPTIONAL ENGLISH-2	27798	Identify the classification and characteristics of Part II: Prose Selection- The Personal Essay and Varieties of Prose etc	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
OPTIONAL ENGLISH-2	27804	Write down the classification and characteristics of Part III: Facetes of Language- The structure of Sentences and Discourse etc Personal Essay and Varieties of Prose etc	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
OPTIONAL ENGLISH-2	27812	Specify the details of Novel Emma by Jane Austen about youthful hubris and the Perils of misconstrued romance.	12299	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.

BA (SEP)

Course	COID	CO	POID	PO
Psychology-3	12182	Specify the details of Basic psychology, goals, perspectives in psychology, research methods	12307	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Psychology V	12189	Write down the characteristics of defining abnormality, criteria, myths and misconceptions	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.

Economics V	12196	Deliberate in details with application, if applicable, corporate business and globalisation	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Economics V	12196	Deliberate in details with application, if applicable, corporate business and globalisation	12310	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Economics V	12196	Deliberate in details with application, if applicable, corporate business and globalisation	12311	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.
Economics VI	12197	Identify the classification and characteristics of financing rural development	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Economics VI	12197	Identify the classification and characteristics of financing rural development	12310	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Economics VI	12197	Identify the classification and characteristics of financing rural development	12313	PO9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

Sociology-3	12199	Deliberate in details with application, if applicable, Sociology of media and mass comm	12307	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Sociology V	12202	Write down in depth Sociology of Women	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Sociology-1	13285	Specify in details with examples Fundamentals of Sociology	12307	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Sociology-1	13286	Understand in details with examples Origin and development of Sociology	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Sociology-1	13287	Deliberate in details with examples Basic Concepts	12308	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Sociology-1	13287	Deliberate in details with examples Basic Concepts	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.

Sociology-3	13344	Write down the details of mass communication and sociological perspective	12307	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Sociology-3	13344	Write down the details of mass communication and sociological perspective	12308	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Sociology VI	13370	Identify in details with examples Health as a social system	12308	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Sociology VI	13370	Identify in details with examples Health as a social system	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Sociology VI	13371	Understand in details with application, if applicable, Hospital as a social organization	12308	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Sociology VI	13371	Understand in details with application, if applicable, Hospital as a social organization	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.

Sociology VI	13371	Understand in details with application, if applicable, Hospital as a social organization	12310	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Sociology VI	13371	Understand in details with application, if applicable, Hospital as a social organization	12311	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.
Sociology V	13538	Deliberate in details with examples feminism	12308	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Sociology V	13538	Deliberate in details with examples feminism	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Sociology V	13538	Deliberate in details with examples feminism	12310	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Sociology V	13539	Deliberate the characteristics of social construction of gender in india	12308	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Sociology V	13539	Deliberate the characteristics of social construction of gender in india	12309	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.

BA (HEP)

Course	COID	CO	POID	PO
HEP Hindi-1	12034	Learn in depth Shistachar	12283	PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
HEP Hindi-1	12035	Deliberate the characteristics of Avikari shabd	12281	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
HEP Hindi-1	12035	Deliberate the characteristics of Avikari shabd	12282	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
HEP Hindi-1	12035	Deliberate the characteristics of Avikari shabd	12284	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

HEP Hindi-1	12037	Specify in details with application, if applicable, Sarwanam	12282	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
HEP Hindi-1	12038	Write down the classification and characteristics of Sanjyna	12281	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Economics-I	12192	Specify the classification and characteristics of scope and nature of business economics	12281	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Economics-I	12192	Specify the classification and characteristics of scope and nature of business economics	12282	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Economics-I	12192	Specify the classification and characteristics of scope and nature of business economics	12289	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.
Economics-3	12194	Learn the characteristics of commercial banking	12281	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.

Economics-3	12194	Learn the characteristics of commercial banking	12282	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Economics-3	12194	Learn the characteristics of commercial banking	12288	PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
History-3	12204	Learn in details with examples Vedic period,dissent and protests,Gupta and post guptha period	12281	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
History-3	12204	Learn in details with examples Vedic period,dissent and protests,Gupta and post guptha period	12282	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
History-3	12204	Learn in details with examples Vedic period,dissent and protests,Gupta and post guptha period	12284	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
History-3	12204	Learn in details with examples Vedic period,dissent and protests,Gupta and post guptha period	12287	PO10. Communication: Communicate effectively on complex human activities with the community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

History-3	12204	Learn in details with examples Vedic period,dissent and protests,Gupta and post guptha period	12289	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.
History-I	12206	Write down in details with application, if applicable, introduction to shatavahanas, Vijayanagara and Bhamanies,religion and phelosophy,Impact of west and growth of nationalism	12281	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
History-I	12206	Write down in details with application, if applicable, introduction to shatavahanas, Vijayanagara and Bhamanies,religion and phelosophy,Impact of west and growth of nationalism	12282	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
History-I	12206	Write down in details with application, if applicable, introduction to shatavahanas, Vijayanagara and Bhamanies,religion and phelosophy,Impact of west and growth of nationalism	12283	PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
History-I	12206	Write down in details with application, if applicable, introduction to shatavahanas, Vijayanagara and Bhamanies,religion and phelosophy,Impact of west and growth of nationalism	12284	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
History-I	12206	Write down in details with application, if applicable, introduction to shatavahanas, Vijayanagara and Bhamanies,religion and phelosophy,Impact of west and growth of nationalism	12289	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.

Political Science-I	12208	Deliberate in details with examples introduction to political science,theories of state, law ,sovereignty,Power and authority and Legitimacy	12281	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
Political Science-I	12208	Deliberate in details with examples introduction to political science,theories of state, law ,sovereignty,Power and authority and Legitimacy	12282	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Political Science-I	12208	Deliberate in details with examples introduction to political science,theories of state, law ,sovereignty,Power and authority and Legitimacy	12288	PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Political science-III	12209	Specify the classification and characteristics of Public administration,dynamics of management,personnel and financial administration, Trends in public administration	13278	PO1. Social science knowledge: Apply the knowledge of humanities , fundamentals, and specialization to the solution of complex social problems.
Political Science-I	13339	Deliberate in depth Public administration : core concepts . 1. Public administration : meaning , scope, importance ,difference between public & private administration , organization theories & principles , line, staff, auxiliary agencies , departments . 2. Dynamics of managements : meaning & functions chief executive powers & functions , leadership qualities . 3. Personnel administration : meaning , importance , recruitment, training , promotion, discipline , moral . 4. Financial administration : budget nature & principles ,reforms in financial administration , zero based budgeting . 5. Trends in public administration : comparative administration , development administration , good governance , E-governance , public-private partnership.	12282	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Political Science-I	13339	Deliberate in depth Public administration : core concepts . 1. Public administration : meaning , scope, importance ,difference between public & private administration , organization theories & principles , line, staff, auxiliary agencies , departments . 2. Dynamics of managements : meaning & functions chief executive powers & functions , leadership qualities . 3. Personnel administration : meaning , importance , recruitment, training , promotion, discipline , moral . 4. Financial administration : budget nature & principles ,reforms in financial administration , zero based budgeting . 5. Trends in public administration : comparative administration , development administration , good governance , E-governance , public-private partnership.	12283	PO6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Political Science-I	13339	Deliberate in depth Public administration : core concepts . 1. Public administration : meaning , scope, importance ,difference between public & private administration , organization theories & principles , line, staff, auxiliary agencies , departments . 2. Dynamics of managements : meaning & functions chief executive powers & functions , leadership qualities . 3. Personnel administration : meaning , importance , recruitment, training , promotion, discipline , moral . 4. Financial administration : budget nature & principles ,reforms in financial administration , zero based budgeting . 5. Trends in public administration : comparative administration , development administration , good governance , E-governance , public-private partnership.	12284	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Political Science-I	13339	Deliberate in depth Public administration : core concepts . 1. Public administration : meaning , scope, importance ,difference between public & private administration , organization theories & principles , line, staff, auxiliary agencies , departments . 2. Dynamics of managements : meaning & functions chief executive powers & functions , leadership qualities . 3. Personnel administration : meaning , importance , recruitment, training , promotion, discipline , moral . 4. Financial administration : budget nature & principles ,reforms in financial administration , zero based budgeting . 5. Trends in public administration : comparative administration , development administration , good governance , E-governance , public-private partnership.	12288	PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

BA (HES)

Course	COID	CO	POID	PO
History-1	12205	Learn in details with application, if applicable, Vedic period,dissent and protests,Gupta and post guptha period	12291	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of Humanities, social sciences.
History-1	12205	Learn in details with application, if applicable, Vedic period,dissent and protests,Gupta and post guptha period	12292	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
History-1	12205	Learn in details with application, if applicable, Vedic period,dissent and protests,Gupta and post guptha period	12293	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
History-1	12205	Learn in details with application, if applicable, Vedic period,dissent and protests,Gupta and post guptha period	12294	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
History-1	12205	Learn in details with application, if applicable, Vedic period,dissent and protests,Gupta and post guptha period	12295	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the humanities practice.

Sociology-1	13542	Write down in details with examples Fundamentals of Sociology	12293	PO6. The humanities and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional practice.
Sociology-1	13542	Write down in details with examples Fundamentals of Sociology	12294	PO7. Environment and sustainability: Understand the impact of the profession solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Sociology-1	13543	Specify the classification and characteristics of Basic concepts	12292	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

BSC (MEC)

Course	COID	CO	POID	PO
Basic Electronics III	11651	Learn the characteristics of Opamp and its application	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
Basic Electronics III	11651	Learn the characteristics of Opamp and its application	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.

Basic Electronics III	11651	Learn the characteristics of Opamp and its application	12513	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern science and IT tools including prediction and modelling with an understanding of the limitations.
C-Language I	11685	Identify the details of C program structure	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
C-Language I	11686	Learn the characteristics of Tokens, datatypes, operators	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
C-Language I	11687	Learn the characteristics of Expression, arrays, strings	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
C-Language I	11689	Identify in details with examples Structure union	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
C-Language I	11690	Understand in depth Dynamic memory allocation	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.

C-Language I	11691	Learn the classification and characteristics of Pointers and files	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
C-Language I	11692	Identify in details with examples Command line arguments	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
Computer (JAVA)	11804	Learn in depth Platform independence, interface, package, muktithreaded, applet	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
Electronics V (Communication I)	11965	Deliberate in details with application, if applicable, electronics v gives introduction about electromagnetic waves,analog communication and television	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
Electronics V (Communication I)	11965	Deliberate in details with application, if applicable, electronics v gives introduction about electromagnetic waves,analog communication and television	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
MEC Additional English -3	12263	Specify the details of expectaions from life aldous huxley	12513	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern science and IT tools including prediction and modelling with an understanding of the limitations.

MEC Additional English -3	12264	Learn in details with examples work of art different pereceptions demoralisation in art	12513	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern science and IT tools including prediction and modelling with an understanding of the limitations.
MEC Additional English -3	12265	Learn the details of social discrimination class discrimination katherine Mansfield	12513	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern science and IT tools including prediction and modelling with an understanding of the limitations.
Basic Electronics I	13291	Learn the details of AC circuits	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
Basic Electronics I	13292	Learn in details with application, if applicable, DC circuits	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
Basic Electronics I	13311	Deliberate the details of Number systems	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
Basic Electronics I	13311	Deliberate the details of Number systems	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.

Mathematics III	13364	Write down the details of Groups, sequence and series, differential calculus	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
Mathematics III	13364	Write down the details of Groups, sequence and series, differential calculus	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
MEC Kannada-3	13499	Write down the details of Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
MEC Kannada-3	13500	Learn in depth Transcendentalism, realistic portrayal of the village, love of silent animals, kindness and present life.	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
Mathematics I	13632	Understand in depth Matrix, differential calculus and integral calculus, analytical geometry	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
MATHS VI	13633	Identify in details with examples Calculus of variation, line and multiple integrals, integral theorems	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.

MATHS VI	13633	Identify in details with examples Calculus of variation, line and multiple integrals, integral theorems	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
MEC Kannada-1	13969	Understand in depth Poetry, Story,Language skills and Article.	12513	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern science and IT tools including prediction and modelling with an understanding of the limitations.
MEC Kannada-1	13969	Understand in depth Poetry, Story,Language skills and Article.	12514	The science and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional science related practices
MEC Kannada-1	13969	Understand in depth Poetry, Story,Language skills and Article.	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
MEC Hindi-3	13981	Write down the classification and characteristics of Gramin samaj ki samasyanye	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
MEC Hindi-3	13981	Write down the classification and characteristics of Gramin samaj ki samasyanye	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.

MEC Hindi-3	13982	Write down in details with application, if applicable, kalu seth ka charitr chitran	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
MEC Hindi-3	13982	Write down in details with application, if applicable, kalu seth ka charitr chitran	12513	Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern science and IT tools including prediction and modelling with an understanding of the limitations.
MEC Hindi-3	13982	Write down in details with application, if applicable, kalu seth ka charitr chitran	12514	The science and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional science related practices
MEC Hindi-3	13983	Deliberate the characteristics of natak kala pather ka saransh aur uski visheyshtayen	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
MEC Hindi-3	13984	Learn in details with application, if applicable, soor urja ka sankat	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Environmental Studies	16713	Identify the details of Introduction to environmental studies	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Environmental Studies	16714	Identify in details with application, if applicable, Ecosystem &its typea	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Environmental Studies	16715	Specify the characteristics of Natural resources, renewable & non renewable resources	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Environmental Studies	16717	Write down the details of Biodiversity & conservation	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Environmental Studies	16718	Learn in details with examples Environmental pollutions	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Environmental Studies	16719	Identify in details with examples Environmental policies & practices	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Environmental Studies	16720	Write down the classification and characteristics of Human Communities and the environment & field work	12515	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Computer science IV(UNIX and operating sys)	23610	Deliberate the characteristics of operating system (OS) is system software that manages computer hardware, software resources, and provides common services for computer programs.Unix is a portable, multitasking, multiuser, time-sharing operating system (OS)	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
Computer science VII (WEB PROGRAMMING)	23612	Identify in depth A computer network is a digital telecommunications network which allows nodes to share resources. In computer networks, computing devices exchange data with each other using connections (data links) between nodes	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
Computer science VIII (COMPUTER NETWORKING)	23613	Identify the classification and characteristics of Web programming refers to the writing, markup and coding involved in Web development, which includes Web content, Web client and server scripting and network security.	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
MEC General English-4	27829	Learn the classification and characteristics of Home-Coming Son, should one forget the land of his birth or should he return to his native?	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
MEC General English-4	27835	Identify in details with examples Untouchability is worse than slavery by BR Ambedkar-Learning various forms of discrimination operating in the world etc	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
MEC General English-4	27846	Learn the details of O, How I Love Your Streets by Faiz Ahmed Faiz- knowing the totalitarian regimes of the past and its functions etc	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.

Computer science IV(UNIX and operating sys)	27889	Specify the classification and characteristics of Unix features architecture	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
MEC General English-4	27890	Write down in details with examples Job Skills- An introduction to Academic writing, Job Advertisements, Resume and Cover Letter, Interview, GD etc,	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
Computer science VIII (COMPUTER NETWORKING)	28197	Identify the characteristics of Introduction to networking	12512	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Electronics, and computer sciences.
Mathematics VII	28231	Write down the classification and characteristics of vector spaces	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
Mathematics IV	28716	Specify the details of Group theory	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
Mathematics IV	28717	Learn in details with application, if applicable, Fourier series	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.

Mathematics II	28721	Write down the details of Group theory	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.
Mathematics II	28722	Write down in depth Differential calculus	12329	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and specialization to the solution of problems.

BSC (PCM)

Course	COID	CO	POID	PO
Physics III	11809	Identify in details with examples ELECTRICITY AND MAGNETISM	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Physics VI	11810	Identify the details of ASTRO PHYSICS, SOLID STATE PHYSICS AND SEMICONDUCTOR PHYSICS	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Physics III	11968	Identify the characteristics of ELECTRICITY AND MAGNETISM	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.

Physics VI	11969	Identify in depth ASTRO PHYSICS, SOLID STATE PHYSICS AND SEMICONDUCTOR PHYSICS	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Mathematics I	11996	Write down in details with examples Matrices, differential calculus, integral calculus, analytical geometry	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
PHYSICS I	11997	Specify in depth Mechanics and thermodynamics	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Physics V	11998	Learn in details with examples Statistics quantum mechanics atmospheric physics nano technology	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.
Chemistry I	11999	Specify the characteristics of Mathematical Concepts for Chemistry	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Chemistry I	11999	Specify the characteristics of Mathematical Concepts for Chemistry	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.

Chemistry I	12000	Deliberate the details of Photochemistry	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Chemistry V	12005	Understand the characteristics of Amines and heterocyclic compounds	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Chemistry III	12015	Write down the classification and characteristics of Chemical kinetics	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Chemistry III	12015	Write down the classification and characteristics of Chemical kinetics	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.
Chemistry III	12016	Understand the details of Thermodynamics	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Chemistry III	12016	Understand the details of Thermodynamics	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.

Chemistry VI	12024	Understand the classification and characteristics of Electrochemistry	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Chemistry VI	12025	Learn in depth Ionic equilibrium	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Mathematics III	12180	Identify in details with application, if applicable, Group theory, sequences and series of real numbers,differential calculus	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Mathematics III	12180	Identify in details with application, if applicable, Group theory, sequences and series of real numbers,differential calculus	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.
Maths V	13436	Learn the details of Rings, Vector differential equations,Divergence and curl, Numerical Analysis	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
PCM Kannada-3	13734	Write down in depth Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.

PCM Kannada-3	13734	Write down in depth Awareness of the environment, soundness, fidelity, divinity and humanity in poetry.	12522	Design/development of solutions: Design solutions for complex problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PCM Kannada-1	13739	Specify the classification and characteristics of Overall this curriculum is a mirror of the personality development of students	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
PCM Kannada-1	13739	Specify the classification and characteristics of Overall this curriculum is a mirror of the personality development of students	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.
PCM Hindi-3	13995	Understand in details with examples grameen jeevan ki samasayanye	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
PCM Hindi-3	13996	Understand in details with examples grameen jeevan ki samasayanye	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
PCM Hindi-3	13997	Write down the classification and characteristics of kalu seth ka charitr chitran	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.

PCM Hindi-3	13997	Write down the classification and characteristics of kalu seth ka charitr chitran	12522	Design/development of solutions: Design solutions for complex problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
PCM Hindi-3	13998	Write down in details with application, if applicable, kala pather natak ka saransh aur visheshtayan	12525	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
PCM Hindi-3	13999	Identify the details of nibandh urja sankat	12526	Ethics: Apply ethical principles and commit to professional ethics and responsibilities
Cultural Diversity and society	17277	Learn the classification and characteristics of OUR CULTURE	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Cultural Diversity and society	17277	Learn the classification and characteristics of OUR CULTURE	12522	Design/development of solutions: Design solutions for complex problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

Cultural Diversity and society	17277	Learn the classification and characteristics of OUR CULTURE	12524	Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Cultural Diversity and society	17277	Learn the classification and characteristics of OUR CULTURE	12525	Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development
Chemistry II	24482	Learn in details with application, if applicable, Quantum mechanics and atomic structure	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Chemistry II	24482	Learn in details with application, if applicable, Quantum mechanics and atomic structure	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.
CHEMISTRY VIII	24503	Write down in depth Introduction to biochemistry	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
CHEMISTRY VIII	24504	Identify the classification and characteristics of study and classification Carbohydrates, Lipids	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.

PCM General English-4	27896	Deliberate in details with application, if applicable, Home-Coming Son, should one forget the land of his birth or should he return to his native?	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.
PCM General English-4	27900	Specify the details of Untouchability is worse than slavery by BR Ambedkar-Learning various forms of discrimination operating in the world etc	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.
PCM General English-4	27909	Learn the classification and characteristics of The Ramapuram Tiger by Kenneth Anderson--What man should do to sustain wild life	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.
PCM General English-4	27913	Specify the details of Job Skills- An introduction to Academic writing, Job Advertisements, Resume and Cover Letter, Interview, GD etc,	12521	Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions using first principles of mathematics, Physics, and chemistry.
Mathematics IV	28239	Specify the details of Normal Subgroups	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.
Mathematics II	28247	Identify in details with examples Groups	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.

Mathematics VII	28713	Deliberate the classification and characteristics of Vector space	12519	SCIENCE knowledge: Apply the knowledge of mathematics, science, fundamentals, and a specialization to the solution of problems.

BA (CJP)

Course	COID	CO	POID	PO
CJP Additional English-1	7770	Understand in details with examples Knowledge of grammar	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities
CJP Additional English-1	11960	Deliberate in depth sweets for angels	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities
CJP Additional English-1	11962	Understand in depth The Imp and the Crust	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities
CJP Additional English-1	11963	Understand in depth Sonnet 29 by Shakespeare	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities

C-Language	13468	Specify in depth problem solving techniques	12530	SCIENCE knowledge: Apply the knowledge of Computer science, fundamentals of journalism and psychology and a specialization to the solution of problems.
C-Language	13469	Deliberate the details of Basics of C programing	12530	SCIENCE knowledge: Apply the knowledge of Computer science, fundamentals of journalism and psychology and a specialization to the solution of problems.
C-Language	13470	Learn in details with application, if applicable, Input output	12530	SCIENCE knowledge: Apply the knowledge of Computer science, fundamentals of journalism and psychology and a specialization to the solution of problems.
C-Language	13471	Understand in details with application, if applicable, operators in C	12530	SCIENCE knowledge: Apply the knowledge of Computer science, fundamentals of journalism and psychology and a specialization to the solution of problems.
CJP Kannada-1	13495	Specify in details with examples Overall this curriculum is a mirror of the personality development of students.	12530	SCIENCE knowledge: Apply the knowledge of Computer science, fundamentals of journalism and psychology and a specialization to the solution of problems.
CJP Kannada-1	13496	Learn in details with examples Introduction to language richness, magic and diversity in Language skills The idea that religious tolerance should be the core value of young people in complex scriptures.	12530	SCIENCE knowledge: Apply the knowledge of Computer science, fundamentals of journalism and psychology and a specialization to the solution of problems.

CJP General English-1	13553	Specify in depth Leaving by MG.Vasanji	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities
CJP General English-1	13564	Identify the details of I shall go back in the new year, Nilim Kumar	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities
CJP General English-1	13568	Identify the characteristics of sonnet (My Father)	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities
CJP General English-1	13570	Specify in details with application, if applicable, the wolf by Farooq Sarwar	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities
CJP General English-1	13575	Understand in details with application, if applicable, Language component-Grammar	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities
CJP Additional English-1	13626	Identify the details of Childhood by Natten	12534	Ethics: Apply ethical principles and commit to professional ethics and responsibilities

Computer science II (DS)	27800	Definition, Elementary data organization, Data Structures, data structures operations, Abstract data types, algorithms complexity, time-space tradeoff. Preliminaries: Mathematical notations and functions, Algorithmic notations, control structures, Complexity of algorithms, asymptotic notations for complexity of algorithms. String Processing: Definition, Storing Stings, String as ADT, Stringoperations, word/text processing, Pattern Matching algorithms.	12530	SCIENCE knowledge: Apply the knowledge of Computer science, fundamentals of journalism and psychology and a specialization to the solution of problems.
Computer science II (DS)	27806	Definition, Linear arrays, arrays as ADT, Representation of Linear Arrays in Memory, Traversing Linear arrays, Inserting and deleting, Sorting: Bubble sort, Insertion sort, Selection sort, Searching: Linear Search, Binary search, Multidimensional arrays, Matrices and Sparse matrices.	12530	SCIENCE knowledge: Apply the knowledge of Computer science, fundamentals of journalism and psychology and a specialization to the solution of problems.

MA ECONOMICS

Course	COID	CO	POID	PO
Advanced Micro Economics	16681	CO1. Analysis of the economic behavior of individuals, firms and markets.	16661	Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and make meaning of the world economy by connecting people, ideas, books, media and technology.
Advanced Micro Economics	16681	CO1. Analysis of the economic behavior of individuals, firms and markets.	16662	Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings. Understanding economic issues and problems

Advanced Micro Economics	16681	CO1. Analysis of the economic behavior of individuals, firms and markets.	16663	Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering. By adopting validating the available tools and economic models and theories used to tackle common issues.
Advanced Micro Economics	16681	CO1. Analysis of the economic behavior of individuals, firms and markets.	16664	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
Advanced Micro Economics	16681	CO1. Analysis of the economic behavior of individuals, firms and markets.	16665	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different economic perspectives.
Advanced Micro Economics	16681	CO1. Analysis of the economic behavior of individuals, firms and markets.	16672	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes. Being a self-directed and keep interacting with economic issues and make it a lifelong learning.
Advanced Macro Economics	16682	Understanding the macroeconomic theoretical structure that is considered essential for the proper comprehension of the different issues and policies.	16661	Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and make meaning of the world economy by connecting people, ideas, books, media and technology.

Advanced Macro Economics	16682	Understanding the macroeconomic theoretical structure that is considered essential for the proper comprehension of the different issues and policies.	16665	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different economic perspectives.
Advanced Macro Economics	16682	Understanding the macroeconomic theoretical structure that is considered essential for the proper comprehension of the different issues and policies.	16672	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes. Being a self-directed and keep interacting with economic issues and make it a lifelong learning.
Development Economics	16689	CO3. Existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice.	16663	Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering. By adopting validating the available tools and economic models and theories used to tackle common issues.
Development Economics	16689	CO3. Existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice.	16664	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
Development Economics	16689	CO3. Existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice.	16665	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different economic perspectives.

Development Economics	16689	CO3. Existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice.	16668	Environment and Sustainability: Understand the issues of environmental contexts and sustainable development. Analyse the externalities of environment towards sustainable economic growth.
Financial Institutes and Management	16695	Understanding the Keynesian and post-Keynesian economics, which is a most essential part of the monetary economics. developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international level.	16661	Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and make meaning of the world economy by connecting people, ideas, books, media and technology.
Financial Institutes and Management	16695	Understanding the Keynesian and post-Keynesian economics, which is a most essential part of the monetary economics. developmental role and limitations in shaping and influencing the monetary and related policies both at the national and international level.	16662	Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings. Understanding economic issues and problems
Mathematical Methods for Economics	16697	CO4. Providing the training to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problems.	16662	Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings. Understanding economic issues and problems
Mathematical Methods for Economics	16697	CO4. Providing the training to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problems.	16663	Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering. By adopting validating the available tools and economic models and theories used to tackle common issues.

Mathematical Methods for Economics	16697	CO4. Providing the training to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problems.	16664	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
Mathematical Methods for Economics	16697	CO4. Providing the training to use the techniques of mathematical and statistical analysis, which are commonly applied to understand and analyze economic problems.	16665	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different economic perspectives.
Monetary Economics	16698	Knowledge of various approaches towards evolution of money, demand for money, supply of money, and rate of interest, inflation, agencies which creates and supplies money and operates monetary policy.	16661	Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and make meaning of the world economy by connecting people, ideas, books, media and technology.
Monetary Economics	16698	Knowledge of various approaches towards evolution of money, demand for money, supply of money, and rate of interest, inflation, agencies which creates and supplies money and operates monetary policy.	16662	Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings. Understanding economic issues and problems
Monetary Economics	16698	Knowledge of various approaches towards evolution of money, demand for money, supply of money, and rate of interest, inflation, agencies which creates and supplies money and operates monetary policy.	16665	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different economic perspectives.

Public Economic Theory and Policy	16699	Existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice.	16662	Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings. Understanding economic issues and problems
Public Economic Theory and Policy	16699	Existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice.	16664	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
Public Economic Theory and Policy	16699	Existence of externalities, concern for adjustment in the distribution of income and wealth, etc. require political processes for their solution in a manner, which combines individual freedom and justice.	16665	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different economic perspectives.

MA ENGLISH

Course	COID	CO	POID	PO
Postcolonial Studies I	11722	To acquaint students with the basic terminologies of postcolonial studies as a major current discipline. To familiarize them with the history of the development of postcolonial theory and its present relevance. To enable them to critique literary texts within the theoretical frames of postcolonial studies.	12404	Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

Postcolonial Studies I	11722	To acquaint students with the basic terminologies of postcolonial studies as a major current discipline. To familiarize them with the history of the development of postcolonial theory and its present relevance. To enable them to critique literary texts within the theoretical frames of postcolonial studies.	12407	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Critical Theory-I	11755	The students will learn about the major theoretical turns in the 20th century; they will learn to make a distinction between literary criticism and literary theory.	12407	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Literary and Cultural Studies-I	11772	The students will learn to study popular cultural texts, non-canonical texts and sub-cultural texts; they will learn to look at these texts as part of a complex web of historical conditions and cultural patterns.	12407	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Teaching English Language and Literature-I	11773	To help students develop an in depth perspective of English Language Teaching Scenario in India, Equip students with literary competence	12405	Effective Communication: Speak, read, write and listen clearly in person and through electronic media in English and in one Indian language, and make meaning of the world by connecting people, ideas, books, media and technology.
Teaching English Language and Literature-I	11773	To help students develop an in depth perspective of English Language Teaching Scenario in India, Equip students with literary competence	12406	Social Interaction: Elicit views of others, mediate disagreements and help reach conclusions in group settings

Teaching English Language and Literature-I	11773	To help students develop an in depth perspective of English Language Teaching Scenario in India, Equip students with literary competence	12407	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Modern Linguistics I	11778	Introduce students to the concept of language and linguistics, understand language variation and contribution of Fedinand de Sassure, develop linguistic competence	12407	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Rural Development & Cooperative Management	13883	Identify in depth Sustainable Development	12409	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes

MFA

Course	COID	CO	POID	PO
Advanced E-Business	11688	al and technical framework to understand the emerging e. E-commerce and mobile commerce poses both a challenge and an opportunity for managers	12413	PO7. Environment and sustainability: Understand the impact of societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

Managerial Finance	11698	To impart knowledge in advanced techniques of financial management and to enable the students to apply the techniques in financial decision making.	12411	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions
Managerial Finance	11698	To impart knowledge in advanced techniques of financial management and to enable the students to apply the techniques in financial decision making.	12417	PO11. Project management and finance: Demonstrate knowledge and understanding of the accounting and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
Managing people in Organisation	11701	To enable students to gain knowledge about the concepts, principles and practices relating to managing people in organisations and to use the knowledge in managing human resource better.	12412	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Managing people in Organisation	11701	To enable students to gain knowledge about the concepts, principles and practices relating to managing people in organisations and to use the knowledge in managing human resource better.	12413	PO7. Environment and sustainability: Understand the impact of societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Managing people in Organisation	11701	To enable students to gain knowledge about the concepts, principles and practices relating to managing people in organisations and to use the knowledge in managing human resource better.	12414	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the business practice.

Managing people in Organisation	11701	To enable students to gain knowledge about the concepts, principles and practices relating to managing people in organisations and to use the knowledge in managing human resource better.	12415	PO10. Communication: Communicate effectively on complex business activities with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
Accounting Conventions and Standards	11707	Understand the classification and characteristics of accounting conventions, accounting standards	12411	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions
Accounting Conventions and Standards	11707	Understand the classification and characteristics of accounting conventions, accounting standards	12412	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
Accounting Conventions and Standards	11708	Deliberate in details with examples accounting conventions, accounting standards	12411	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions
Financial Markets and Services	11709	Understand the details of capital market , primary market, derivatives, secondary market	12411	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions
Financial Markets and Services	11709	Understand the details of capital market , primary market, derivatives, secondary market	12412	PO4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

Financial Markets and Services	11709	Understand the details of capital market , primary market, derivatives, secondary market	12413	PO7. Environment and sustainability: Understand the impact of societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Micro and Macro Economics for Business Decisions	11725	To familiarise students with key macro economic variables and their behavior, and enable them to critically evaluate different economies.	12411	PO2. Problem analysis: Identify, formulate, research literature, and analyze complex problems reaching substantiated conclusions
Business Ethics and Corporate Governance	11735	To make the student conscious about ethical values in real life and in business.	12414	PO8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the business practice.
Rural Development and Cooperative Management	13907	Deliberate the classification and characteristics of Sustainable Development	12413	PO7. Environment and sustainability: Understand the impact of societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

MCOM

Course	COID	CO	POID	PO
Advanced Financial Management	11705	To impart the knowledge in advanced techniques of financial management and to enable the students to apply the techniques in financial decision making	12540	PO5. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.

Advanced Financial Management	11705	To impart the knowledge in advanced techniques of financial management and to enable the students to apply the techniques in financial decision making	12541	PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own
Advanced Financial Management	11705	To impart the knowledge in advanced techniques of financial management and to enable the students to apply the techniques in financial decision making	12542	PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Advanced Financial Management	11705	To impart the knowledge in advanced techniques of financial management and to enable the students to apply the techniques in financial decision making	12543	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Advanced Financial Management	11705	To impart the knowledge in advanced techniques of financial management and to enable the students to apply the techniques in financial decision making	12544	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Strategic Cost Management- I	11706	Write down in details with examples elements of cost. strategies for cost reduction, tools and techniques of cost reduction	12539	PO1.Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

Strategic Cost Management- I	11706	Write down in details with examples elements of cost. strategies for cost reduction, tools and techniques of cost reduction	12540	PO5. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
Strategic Cost Management- I	11706	Write down in details with examples elements of cost. strategies for cost reduction, tools and techniques of cost reduction	12541	PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own
Strategic Cost Management- I	11706	Write down in details with examples elements of cost. strategies for cost reduction, tools and techniques of cost reduction	12542	PO12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
Strategic Cost Management- I	11706	Write down in details with examples elements of cost. strategies for cost reduction, tools and techniques of cost reduction	12543	PO5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
Monetary System	11711	Write down in details with examples principles of note issue gold standard,types of gold standard importance of money , balance of payments	12539	PO1.Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

Monetary System	11711	Write down in details with examples principles of note issue gold standard,types of gold standard importance of money , balance of payments	12540	PO5. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
Monetary System	11711	Write down in details with examples principles of note issue gold standard,types of gold standard importance of money , balance of payments	12541	PO11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own
Business Ethics and Corporate Governance	11712	To make the students conscious about ethical values in real life and in business.	12540	PO5. Ethics: Recognize different value systems including your own, understand the moral dimensions of your decisions, and accept responsibility for them.
Macro Economics for Business Decisions	11720	To enable students to integrate macroeconomic analysis into business decisions.	12539	PO1.Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Rural Development and Cooperative Management	13901	Write down the details of Sustainable Development	12544	PO7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

MSC MATHEMATICS

Course	COID	CO	POID	PO
Algebra-I	16509	Understand in details with examples Algebraic structures such as Groups and Ring theory concepts	17490	Application of group and ring theory in higher mathematics
Topology-I	16510	Deliberate the details of Topological spaces such as metric space introduction and applications	17492	Application of metric space and topological space
Real Analysis	16511	Learn in details with application, if applicable, Riemann integration	17487	Riemann integraion of convergence in real analysis and convergence and linear trasformation
Real Analysis	16512	Write down the details of Riemann integration	17487	Riemann integraion of convergence in real analysis and convergence and linear trasformation
Ordinary Differenties Equations	16513	Specify the details of Linear ordinary differential equations solutions and nature	17491	Application of Ordinary differential equations in higher mathematics

Ordinary Differenties Equations	16514	Specify in details with application, if applicable, Power series solution to some special ODE	17491	Application of Ordinary differential equations in higher mathematics
Ordinary Differenties Equations	16516	Identify in depth Eigen function and Eigen value problems related ODE	17491	Application of Ordinary differential equations in higher mathematics
Algebra-I	16519	Learn the details of Group action on a set	17490	Application of group and ring theory in higher mathematics
Algebra-I	16520	Write down the characteristics of Simple and solvable groups	17490	Application of group and ring theory in higher mathematics
Algebra-I	16521	Identify in details with application, if applicable, Application oa p-sylow subgroups	17490	Application of group and ring theory in higher mathematics
Topology-I	16533	Understand the details of Set theory in topological space	17492	Application of metric space and topological space

MSC PSYCHOLOGY

Course	COID	CO	POID	PO
Psychopathology	11677	Specify in details with examples familiarize students with the field of Clinical Psychologyl	12332	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Cognitive Psychology	11683	Cognition is a very important field to understand human behaviour and specialised functioning of brain. Development in the field of science, specially computer science and neuro science has brought a paradigm shift in knowing human behaviour. Students would have an orientation towards all these through cognitive psychology.	12332	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Psychometry	11684	Students would be oriented towards measurement and test construction, develop tests with reliability and validity, develop norms and to use relevant tools appropriately.	12335	Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
Organizational Behaviour	11710	Organizational behaviour is one of th branches of psychology with an objective of understanding people at work place. The factors related to individual differences like perception, learning, personality, motivation, etc., would contribute to satisfaction and effectiveness at bith individual and organizational level. The dynamics of these factors are introduced to the students through this paper	12332	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.

Theoretical Perspectives of Psychology	11717	Insight into the history and development of psychology as an independent body of knowledge, various schools of thoughts to explain human behavior and application of principles of each school to the development of mankind as well as its therapeutic applications	12332	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Research Methodology	11718	Undertaking an empirical study, testing the accuracy of the findings, knowledge about the various statistical techniques and tests, types of research, designs and the ways and means of analysing the data	12332	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Biopsychology	11721	Learn in details with examples orientation towards the dynamics of brain behaviour complexity,insight into psychopharmacology,psychophysiological correlates accounting for general phenomena,individual differences and abnormal functioning of behaviour	12332	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Psychological Therapies	12216	Knowledge of different therapies used in clinical set up. Application of therapies.	12332	Critical Thinking: Take informed actions after identifying the assumptions that frame our thinking and actions, checking out the degree to which these assumptions are accurate and valid, and looking at our ideas and decisions (intellectual, organizational, and personal) from different perspectives.
Psychological Therapies	12216	Knowledge of different therapies used in clinical set up. Application of therapies.	12333	Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and the ability to act with an informed awareness of issues and participate in civic life through volunteering.

Psychological Therapies	12216	Knowledge of different therapies used in clinical set up. Application of therapies.	12334	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes
Rural Development and Cooperative Management	13874	Write down in details with examples Sustainable Development	12334	Self-directed and Life-long Learning: Acquire the ability to engage in independent and life-long learning in the broadest context socio-technological changes