



IQBAL COLLEGE

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Admission
2024

FYUGP FOUR YEAR UG PROGRAMMES

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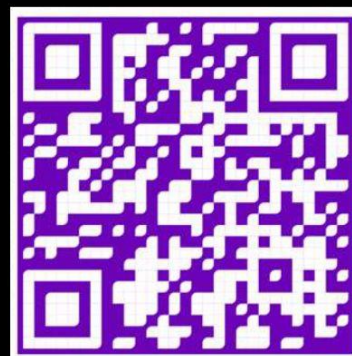
DAIVAPPURA P.O
PERINGAMMALA
THIRUVANANTHAPURAM - 695 563



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FYUGP

FOUR YEAR UG PROGRAMMES

COURSE BASKET

Discipline Specific Core (DSC)

Discipline Specific Elective (DSE)

General Foundation Courses

- Multi Disciplinary Courses (MDC)
- Ability Enhancement Courses (AEC)
- Value Added Courses (VAC)
- Skill Enhancement Courses (SEC)

Stream – SCIENCE**Subject – BOTANY**

SEMESTER	CATEGORY	COURSE
1	DSC	Plant World I
	DSC	Morphology of Flowering Plants
2	DSC	Plant World II
	DSC	Anatomy of Flowering Plants
3	DSC	Histology and Reproductive Botany
	DSC	Floral Morphology, Systematic Botany and Ethnobotany
	DSE	Forestry
4	DSC	Lower Cryptogams, Phytopathology and Microbiology
	DSC	Archegoniate and Paleobotany
	DSE	Food science and Quality Control
5	DSC	Angiosperm Morphology and Plant Systematics
	DSC	Plant Genetics
	DSC	Cell biology and Evolutionary Biology
	DSE	Horticulture and Nursery Management
	DSE	Plant Biotechnology
6	DSC	Plant Physiology
	DSC	Environmental Science and Conservation Biology
	DSC	Biochemistry and Molecular Biology
	DSE	Phytochemistry and Drug Discovery
	DSE	Climate Change and Disaster Management
7	DSC	Methodology in Biological Research
	DSC	Plant Interaction and Defense Mechanism
	DSE	Industrial Tissue Culture
8	CIP	Capstone Internship Project

Stream – SCIENCE

Subject – MATHEMATICS

SEMESTER	CATEGORY	COURSE
1	DSC	Foundations of Mathematics
	DSC	Differentiation and Complex Numbers
2	DSC	Theory of equations, Differential Calculus and Geometry
	DSC	Integration and Applications of differentiation
3	DSC	Integral Calculus and Foundations of Vector Calculus
	DSC	Applications of Integration and Vector Calculus
	DSE	Programming with LATEX and Python
4	DSC	Introduction to Real Analysis and Multiple Integrals
	DSC	Partial Differentiation and Introduction to Abstract Algebra
	DSE	Elementary Graph Theory
5	DSC	Differential Equations and Vector Calculus
	DSC	Real Analysis - I
	DSC	Abstract Algebra
	DSE	Intermediate Graph Theory
	DSE	Special Functions
6	DSC	Real Analysis - II
	DSC	Complex Analysis I
	DSC	Linear Algebra
	DSE	Partial Differential Equations
	DSE	Integral Transforms
7	DSC	Topology
	DSC	Complex Analysis - II
	DSE	Ordinary and Partial Differential Equations
8	CIP	Capstone Project

Stream – SCIENCE

Subject – PHYSICS

SEMESTER	CATEGORY	COURSE
1	DSC	Foundation Course in Physics-I
	DSC	Principles of Dynamics
	DSC	Introduction to Mechanics and Energy Resources
2	DSC	Foundation Course in Physics-II
	DSC	Electricity, Magnetism and Acoustics
	DSC	Modern Physics
3	DSC	Basic Electronics
	DSC	Digital Electronics and Data Science
	DSC	Heat, Magnetism and Geophysics
	DSE	Basics of Nanoscience and Nanotechnology
4	DSC	Classical Dynamics
	DSC	Electromagnetics and Transient Currents
	DSE	Synthesis of Nanomaterials
5	DSC	Optics
	DSC	Quantum Mechanics – I
	DSC	Thermodynamics & Statistical Mechanics
	DSE	Characterization of Nano Materials
	DSE	Forensic Physics
6	DSC	Atomic & Molecular Physics
	DSC	Nuclear & Particle Physics
	DSC	Solid State Physics
	DSE	Nanotechnology For Energy Conversion and Storage Devices
	DSE	Numerical Methods in Physics
7	DSC	Advanced Mathematical Physics
	DSC	Quantum Mechanics-II
	DSE	Environmental Sustainability of Nanomaterials
8	CIP	Capstone Internship

Stream – SCIENCE

Subject – ZOOLOGY

SEMESTER	CATEGORY	COURSE
1	DSC	Non-Chordate Diversity -Part I
	DSC	Diversity of Non-Chordates
2	DSC	Non-Chordate Diversity -Part II
	DSC	Wildlife Ecology
3	DSC	Chordate Diversity -Part I
	DSC	Diversity of Chordates
	DSE	Fisheries Science I-Taxonomy and Fishery Biology
4	DSC	Chordate Diversity -Part II
	DSC	Evolution and Zoogeography
	DSE	Fisheries Science II-Principles of Aquaculture
5	DSC	Developmental Biology
	DSC	Animal Physiology
	DSC	Microbiology and Immunology
	DSE	Ecology and Disaster Management
	DSE	Fisheries Science III- Culture of Finfishes and Shellfishes
6	DSC	Cell and Molecular Biology
	DSC	Genetics and Biotechnology
	DSC	Biochemistry
	DSE	Animal Behavior and Chronobiology
	DSE	Fisheries Science IV- Fish Processing Technologies
7	DSC	Instrumentation and Biological Techniques
	DSC	Human Physiology: The Life Sustaining Systems
	DSE	Research Methodology and Biostatistics
8	CIP	Project

Stream – SCIENCE

Subject – CHEMISTRY

SEMESTER	CATEGORY	COURSE
1	DSC	Fundamentals of Chemistry I
	DSC	Chemical Frontiers – Bonding to Environmental Perspectives
	DSC	Foundations Of Inorganic & Polymer Chemistry
2	DSC	Fundamentals Of Chemistry II
	DSC	Essentials Of Organic Chemistry
	DSC	Bio Organic Chemistry & Colloids
3	DSC	Essentials Of Physical Chemistry
	DSC	Natural Product Chemistry
	DSC	Chemistry Unveiled: Everyday Applications

Stream – SCIENCE

Subject – STATISTICS

SEMESTER	CATEGORY	COURSE
1	DSC	Quantitative Data Analytics I
	DSC	Descriptive Statistics and probability
2	DSC	Quantitative Data Analytics II
	DSC	Standard Distributions, Correlation and Regression
3	DSC	Quantitative Data Analytics -Iii
	DSC	Statistical Inference

Stream – ARTS

Subject – HISTORY

SEMESTER	CATEGORY	COURSE
1	DSC	Understanding History
	DSC	Formation of Human Settlements
	DSC	History of Human Rights Movements
2	DSC	India – Early Social Formations
	DSC	Ancient Indian Art and Architecture
	DSC	Environmental History of Modern India
3	DSC	State and Society in Ancient India
	DSC	State and Society in Pre-Modern South India
	DSC	Art and Architecture: Medieval and Colonial Times
	DSE	History of Pre-Modern Kerala
4	DSC	Pre-Colonial India's Political and Socio-Economic Dynamics
	DSC	Reconstructing the Past
	DSE	Kerala- From Post- Perumal Period to British Dominance
5	DSC	Historiography: Origins and Development
	DSC	Capitalism and Colonial Expansion in India
	DSC	History of Socio- Reform Movements in India
	DSE	Socio-Political Awakening in Kerala
	DSE	Constitutional History of India
6	DSC	Historiography: Making of a Discipline
	DSC	Towards Freedom: Making of a Nation
	DSC	Economic History of India (1600 to Present)
	DSE	Kerala History from 1956 to Present
	DSE	Global Narratives: A Journey Through Contemporary Times
7	DSC	Practice of Historical Research
	DSC	Contemporary India: Socio-Political Dynamics
	DSE	Advances in Historiography
8	RPH	Research Project

Stream – ARTS

SUBJECT – ECONOMICS & MEDIA STUDIES

SEMESTER	CATEGORY	COURSE
1	DSC	Principles of Economics
	DSC	Fundamentals of Micro Economics
	DSC	Basics of Journalism Practices
2	DSC	Fundamentals of Macroeconomics
	DSC	Communication Skills and Applications
	DSC	Digital Media Dynamics
3	DSC	Human Resource Planning
	DSC	Introduction to Cinema
	DSC	News Reading and Anchoring
	DSE	Behavioral Economics
4	DSC	Monetary Economics
	DSC	Media Entrepreneurship
	DSE	Environmental Economics
5	DSC	Indian Economy
	DSC	Statistical Methods for Economics
	DSC	Radio & Podcasting
	DSE	Public Economics
	DSE	Media Management
6	DSC	Development Economics
	DSC	Public Relations & Corporate Communication
	DSC	Media Laws & Ethics
	DSE	Kerala Economy
	DSE	Data Journalism
7	DSC	Microeconomics-II
	DSC	Mass Media Research
	DSE	Open-Economy Macroeconomics
8	CIP	Internship Project

Stream – ARTS

Subject – ECONOMICS

SEMESTER	CATEGORY	COURSE
1	DSC	Principles of Economics
	DSC	Issues of Indian Economy
2	DSC	Managerial Economics
	DSC	Economic History of India
3	DSC	Human Resource Planning
	DSC	Money and Banking

Stream – ARTS

Subject – POLITICAL SCIENCE

SEMESTER	CATEGORY	COURSE
1	DSC	Politics Matters
	DSC	Human Rights
2	DSC	Indian Constitution at Work
	DSC	India and the World
3	DSC	Dynamics of Indian Political System
	DSC	Contemporary issues in Global Politics

Stream – LANGUAGE

Subject – COMMUNICATIVE ENGLISH

SEMESTER	CATEGORY	COURSE
1	DSC	Mass Media and Advertising
	DSC	Introduction to Artificial Intelligence
	DSC	Introducing Literature
2	DSC	English for Specific Purposes
	DSC	Digital Literature and New Media
	DSC	Introduction to Broadcast Media
3	DSC	Scripting Cyberspaces
	DSC	British Literature I
	DSC	Language for Advertising and Marketing
	DSE	Phonetics and Phonology
4	DSC	Language through Literature
	DSC	British Literature II
	DSE	Selections from American Literature
5	DSC	Translation Studies
	DSC	Narratives of Resistance
	DSC	Indian Writings in English
	DSE	Introduction to Dalit Studies
	DSE	Introduction to Postcolonial Studies
6	DSC	Academic Writing
	DSC	Gender, Sexuality, and Society
	DSC	British Literature III
	DSE	Introducing Health Humanities
	DSE	Queer Narratives
7	DSC	Research Methodology
	DSC	Cultural Studies: Theory and Practice
	DSE	Power Dynamics and Literature
8	CIP	Internship Project
	RPH	Research Project

Stream – COMMERCE

Subject – COMMERCE – FINANCE STREAM

SEMESTER	CATEGORY	COURSE
1	DSC	Accounting Principles and Standards
	DSC	Management Concepts and Practices
	DSC	Business Communication and Documentation
2	DSC	Financial Accounting
	DSC	E-business and Governance
	DSC	Practices of Banking and Insurance
3	DSC	Corporate Accounting
	DSC	Entrepreneurship Development
	DSC	Principles of Marketing
	DSE	Investment Management
4	DSC	Business Statistics
	DSC	Innovation and Start-ups
	DSE	Financial Markets and Services
5	DSC	Fundamentals of Income Tax
	DSC	Cost Accounting
	DSC	Advanced Corporate Accounting
	DSE	Stock Exchanges: Operations and Regulations
	DSE	FINTECH
6	DSC	Financial Statement Analysis
	DSC	Cost Accounting Methods and Techniques
	DSC	Auditing Principles and Practices
	DSE	Security Analysis and Portfolio Management
	DSE	Financial Derivatives
7	DSC	Statistics for Business Research
	DSC	Strategic Financial Management
	DSE	Behavioral Finance
8	CIP	Internship Project
	RPH	Research Project

GENERAL FOUNDATION COURSES

MULTI DISCIPLINARY COURSES

SEMESTER	COURSE	SUBJECT
1	Landscaping and Gardening	Botany
	Fundamental Aspects of Environmental Chemistry	Chemistry
	Fundamentals of Investment	Commerce
	Literature and Environment	English
	History of Medicine	History
	Introduction to Photography	Journalism
	നാട്ടറിവു്കൃഷിശാസ്ത്രവും	Malayalam
	മാധ്യമപഠനം	Malayalam
	Numerical Ability - I	Mathematics
	Green Energy	Physics
	Health and Sex Education	Zoology
2	Organic Farming	Botany
	Chemistry in Everyday Life	Chemistry
	Investing in Stock Market	Commerce
	Comics and Graphic Fiction	English
	Travel Writing	English
	New Media and Society	English
	Epigraphy and Numismatics	History
	Basics of Videography	Journalism
	അതിജീവനസാഹിത്യം	Malayalam
	തിരക്കഥാരചന	Malayalam
	Numerical Ability- II	Mathematics
	Foundations in Forensic Science	Physics
	Global Climate Change	Zoology
3	Arabic Heritage in Kerala	Arabic
	Kerala Studies-History and Society	English
	Keral Ki Kalayein	Hindi
	കേരളം- ഭാഷ - സാഹിത്യം- കല	Malayalam
	കേരളത്തിന്റൈകാർഷികസംസ്കൃതിയുംക്ഷേത്രസുരക്ഷാഅവബോധവും	Malayalam

GENERAL FOUNDATION COURSES

ABILITY ENHANCEMENT COURSES

SEMESTER	COURSE	SUBJECT
1	Communicative Arabic - I	Arabic
	Functional Arabic - I	Arabic
	Basic Arabic I	Arabic
	Food, Literature and Culture 1	English
	Science Through the Prism of English I	English
	Reflections on Language, Literature, and Society 1	English
	Literature, Language, and Culture I	English
	Literature, Law, and Culture I	English
	Reading Literature I	English
	Listening and Speaking in English	English
	Hindi Ekanki	Hindi
	Hindi Kahani	Hindi
	Hindi Kavita	Hindi
	ഭാഷാകേളീപഠനം	Malayalam
	സിനിമയുംഭാഷയും	Malayalam
	ജനപ്രിയഭാഷാ- വ്യവഹാരങ്ങൾ	Malayalam
	കഥാലോകം	Malayalam
2	Communicative Arabic – II	Arabic
	Functional Arabic – II	Arabic
	Basic Arabic II	Arabic
	Food, Literature and Culture 2	English
	Science Through the Prism of English 2	English
	Reflections on Language, Literature, and Society 2	English
	Literature, Language, and Culture II	English
	Literature, Law, and Culture II	English
	Reading Literature II	English
	Reading and Writing in English	English
	Hindi Sanrachna Aur Web Lekhan	Hindi
	Jeevani, Aatmakatha Aur Social Media	Hindi
	Vyavaharik Hindi	Hindi
	പ്രചോദനാത്മകസാഹിത്യം	Malayalam
	കേരളീയ ഭക്ഷ്യസംസ്കൃതി	Malayalam
	കേരളീയ ഗാനപാരമ്പര്യം	Malayalam
	ചലച്ചിത്രഗാനപഠനം	Malayalam

GENERAL FOUNDATION COURSES

VALUE ADDED COURSES

SEMESTER	COURSE	SUBJECT
3	VAC - Green initiatives for Sustainability	Botany
	VAC - Diversity, Equity and Inclusion	English
	VAC - Environmental Narratives	English
	VAC - Media & Civic Engagement	Journalism
	VAC - Geriatric Care and Media	Journalism
	VAC - ഭിന്നശേഷിപഠനം	Malayalam
	VAC - Introduction to laboratory safety measurements	Physics
4	VAC - Sustainable Chemistry	Chemistry
	VAC - Scientific Communication & Ethics	Chemistry
	VAC - Public Policy, Value and Ethics	Economics
	VAC - Women and Development	Economics
	VAC - Cinema and the Art of Communication	English
	VAC - Digital Empowerment	English
	VAC - Securing a Sustainable Future	English
	VAC - Bahumulya Kahaniyan	Hindi
	VAC - Environmental Journalism	Journalism
	VAC - Lifestyle Management and Healthy Aging	Physical Education
	VAC - മാനവിക മലയാളം	Malayalam
	VAC - ഹരിത സൗന്ദര്യശാസ്ത്രം	Malayalam
	VAC - ടൂറിസവുംസാംസ്കാരികവിനിയമവും	Malayalam
	VAC - Disaster management	Physics
	VAC - Constitutional Values	Political Science
	VAC - Electoral Literacy	Political Science
	VAC - Study Design in Research	Statistics

GENERAL FOUNDATION COURSES

SKILL ENHANCEMENT COURSES

SEMESTER	COURSE	SUBJECT
4	Translation in Arabic	Arabic
	Mushroom Cultivation	Botany
	Water Quality Analysis	Chemistry
	Practical Skills in Chemistry	Chemistry
	Entrepreneurial Skills	Commerce
	Securities Market Analysis	Economics
	English for Employability	English
	Soft Skills for Tourism and Hospitality	English
	Practice of Oral History	History
	Visual Design	Journalism
	Numerical Methods	Mathematics
	Wiring and Electrical Devices	Physics
	Leadership and Administration	Political Science
	Statistical Analysis Using R	Statistics
	Livestock Management	Zoology
5	Vegetable Gardening	Botany
	Preparation & Formulation of Herbal Products	Chemistry
	Forensic Accounting and Fraud Detection	Commerce
	Start-Up Management	Economics
	Personality Development and Communication Mastery for Career Success	English
	Principles and Techniques of Archaeology	History
	Content Writing	Journalism
	Yoga and Healthy Living	Physical Education
6	Indoor Gardening and Terrarium Techniques	Botany
	Computers in Chemical Science	Chemistry
	Accounting Software	Commerce
	Introduction to Academic Writing in Social Science	Economics
	Writing for Print Media	English
	Developing and Curating Digital content	English
	Digital History	History
	Digital Story Telling	Journalism
Ornamental Fish production and Aquarium Management	Zoology	