



SREE NARAYANA COLLEGE, SIVAGIRI, VARKALA
(Affiliated to University of Kerala, NAAC Re-accredited with B++ Grade)

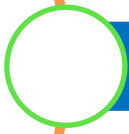


FYUGP

Course Basket



Discipline Specific Core Courses (DSC)



Discipline Specific Elective Courses (DSE)



General Foundation Courses

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

General Foundation Courses

Multi Disciplinary Courses (MDC)

Semester	Course	Subject
1	Fundamentals of Investment	Commerce
1	Landscaping and Gardening	Botany
1	Fundamental Aspects of Environmental Chemistry	Chemistry
1	Economics for Everyone	Economics
1	Literature and Environment	English
1	Meethi Hindi	Hindi
1	മത്സരപരീക്ഷയിലെ മലയാളം	Malayalam
1	Numerical Ability - I	Mathematics
1	Green Energy	Physics
1	Health and Sex Education	Zoology
2	Investing in Stock Market	Commerce
2	Organic Farming	Botany
2	Chemistry in Everyday Life	Chemistry
2	Global Economic Issues	Economics
2	Comics and Graphic Fiction	English
2	Hindi Filmi Geet	Hindi
2	മാധ്യമ സാങ്കേതികതയും വിപണനവും	Malayalam
2	അതിജീവനസാഹിത്യം	Malayalam
2	Numerical Ability- II	Mathematics
2	Basics of Artificial Intelligence	Physics
2	Global Climate Change	Zoology
3	കേരളത്തിന്റെ കാർഷിക സംസ്കൃതിയും ഭക്ഷ്യസുരക്ഷാ അവബോധവും	Malayalam

General Foundation Courses

Ability Enhancement Course(AEC)

Semester	Course	Subject
1	Literature, Language, and Performing Arts I	English
1	Food, Literature and Culture 1	English
1	Science Through the Prism of English I	English
1	Business Communication I	English
1	Reflections on Language, Literature, and Society 1	English
1	Literature, Language, and Culture I	English
1	HINDI EKANKI	Hindi
1	HINDI KAHANI	Hindi
1	HINDI KAVITA	Hindi
1	HINDI NATAK	Hindi
1	ഭാഷാകേളിപഠനം	Malayalam
1	സിനിമയും ഭാഷയും	Malayalam
1	ഭാഷാപരിചയം	Malayalam
1	ജനപ്രിയഭാഷാ - വ്യവഹാരങ്ങൾ	Malayalam
1	BĀLARĀMĀYAṆA, SUBHĀṢITA AND BASIC SANSKRIT	Sanskrit
1	SANSKRIT MAHĀKĀVYA, FABLES AND BASIC SANSKRIT	Sanskrit

General Foundation Courses

Ability Enhancement Course(AEC)

Semester	Course	Subject
2	Literature, Language, and Performing Arts 2	English
2	Food, Literature and Culture 2	English
2	Science Through the Prism of English 2	English
2	Business Communication II	English
2	Reflections on Language, Literature, and Society 2	English
2	Literature, Language, and Culture II	English
2	HINDI SANRACHNA AUR WEB LEKHAN	Hindi
2	JEEVANI, AATMAKATHA AUR SOCIAL MEDIA	Hindi
2	VYAVAHARIK HINDI	Hindi
2	HINDI CINEMA	Hindi
2	പ്രചോദനാത്മകസാഹിത്യം	Malayalam
2	കേരളീയ ഭക്ഷ്യ സംസ്കൃതി	Malayalam
2	ഗദ്യസമീക്ഷ	Malayalam
2	ചലച്ചിത്രഗാനപഠനം	Malayalam
2	SANSKRIT THEATRE – KĀLIDĀSA	Sanskrit
2	ANCIENT DRAMA – BHĀSA	Sanskrit

General Foundation Courses

Value Addition Course(VAC)

Semester	Course	Subject
3	Laboratory Safety	Chemistry
3	Diversity, Equity And Inclusion	English
3	Environmental Narratives	English
3	Prakruti Ke Saath	Hindi
3	ഭിന്നശേഷി പഠനം	Malayalam
3	An Introduction To R	Statistics
4	Sustainable Chemistry	Chemistry
4	Scientific Communication & Ethics	Chemistry
4	Women And Development	Economics
4	Cinema And The Art Of Communication	English
4	Digital Empowerment	English
4	Securing A Sustainable Future	English
4	Bahumulya Kahaniyan	Hindi
4	Gandhi Mere Bheetar	Hindi
4	മാനവിക മലയാളം	Malayalam
4	ടൂറിസവും സാംസ്കാരിക വിനിമയവും	Malayalam
4	Mathematics in Nature	Mathematics
4	Lifestyle Management And Healthy Aging	Physical Edn
4	Constitutional Values	Political Science
4	Electoral Literacy	Political Science
4	Subhāṣitas	Sanskrit
4	Big Data Analysis	Statistics
4	Data Analysis Using Spreadsheets	Statistics

General Foundation Courses

Skill Enhancement Course(SEC)

Semester	Course	Subject
4	Practical Skills In Chemistry	Chemistry
4	Digital Media Marketing	Commerce-Fin
4	Securities Market Analysis	Economics
4	Logistics And Transportation Economics	Economics
4	English For Employability	English
4	Soft Skills For Tourism And Hospitality	English
4	Essential Skills For Everyday Life	English
4	Coal And Petroleum Geology	Geology
4	Bolchal Ki Hindi	Hindi
4	Practice Of Oral History	History
4	മാധ്യമപ്രയോഗ പാഠങ്ങൾ	Malayalam
4	വിവർത്തനം - പ്രായോഗികപാഠങ്ങൾ	Malayalam
4	Typesetting Documents With LATEX	Mathematics
4	Basic Instrumentation Skills	Physics
4	Leadership And Administration	Political Science
4	Statistical Analysis Using R	Statistics
4	Livestock Management	Zoology

General Foundation Courses

Skill Enhancement Course(SEC)

Semester	Course	Subject
5	Analytical Skills	Chemistry
5	Start-Up Management	Economics
5	English For Professional Communication	English
5	Personality Development And Communication Mastery For Career Success	English
5	Geotechnical Investigation Of Soils	Geology
5	Web Literature In Hindi	Hindi
5	Museology	History
5	ഇ - കണ്ടന്റ് മലയാളം	Malayalam
5	Yoga And Healthy Living	Physical Edn
5	Programming In Python	Physics
6	Indoor Gardening And Terrarium Techniques	Botany
6	Chromatography	Chemistry
6	Introduction To Academic Writing In Social Science	Economics
6	Data Analysis In Spreadsheet And R	Economics
6	Writing For Print Media	English
6	Developing And Curating Digital Content	English
6	Remote Sensing And Geographic Information System	Geology
6	Art Of Advertisement	Hindi
6	History And Media Studies: Theory And Applications	History
6	പ്രക്ഷേപണവും സംഗ്രഹണവും	Malayalam
6	Programming With R	Mathematics
6	Ornamental Fish Production And Aquarium Management	Zoology



Botany

Semester	Category	Course
1	DSC	Plant World I (Mandatory)
1	DSC	Plants in Daily Life
2	DSC	Plant World II (Mandatory)
2	DSC	Anatomy of Flowering Plants
3	DSC	Histology and Reproductive Botany (Mandatory)
3	DSC	Floral Morphology, Systematic Botany and Ethnobotany
3	DSE	Ethnobotany & IPR
4	DSC	Lower Cryptogams, Phytopathology and Microbiology (Mandatory)
4	DSC	Archegoniates and Paleobotany (Mandatory)
4	DSE	Herbal Technology
5	DSC	Angiosperm Morphology and Plant Systematics (Mandatory)
5	DSC	Plant Genetics (Mandatory)
5	DSC	Cell biology and Evolutionary Biology (Mandatory)
5	DSE	Horticulture and Nursery Management
5	DSE	Green Technology for Sustainable Development.
6	DSC	Plant Physiology (Mandatory)
6	DSC	Environmental Science and Conservation Biology (Mandatory)
6	DSC	Biochemistry and Molecular Biology (Mandatory)
6	DSE	Plant Propagation and Crop Improvement
6	DSE	Climate Change and Disaster Management
7	DSC	Plant Metabolic Processes
7	DSC	Hereditary Science
7	DSC	Biodiversity and Conservation
7	DSC	Methodology in Biological Research
7	DSC	Plant Interaction and Defense Mechanism
7	DSE	Aquatic Botany

Chemistry

Sem	Category	Course
1	DSC	Inorganic Chemistry I
1	DSC	Fundamentals Of Chemistry I
1	DSC	Chemical Frontiers – Bonding To environmental Perspectives
1	DSC	Foundations Of Inorganic & Polymer Chemistry
1	DSC	General Inorganic Chemistry
2	DSC	Organic Chemistry - I
2	DSC	Fundamentals Of Chemistry II
2	DSC	Essentials Of Inorganic chemistry
2	DSC	Essentials Of Organic Chemistry
2	DSC	Bio Organic Chemistry & Colloids
3	DSC	Physical Chemistry - I
3	DSC	Essentials Of Physical Chemistry
3	DSC	Chemical Insights: From Soil To petrochemicals
3	DSC	Natural Product Chemistry
3	DSC	Chemistry Unveiled: Everyday applications
3	DSE	Analytical Chemistry - I
3	DSE	Chemistry of Nanomaterials - I
4	DSC	Inorganic Chemistry II
4	DSC	Organic Chemistry - II
4	DSE	Analytical Chemistry - II
4	DSE	Chemistry of Nanomaterials - II
5	DSC	Inorganic Chemistry III A
5	DSC	Physical Chemistry II
5	DSC	Organic Chemistry - III
5	DSE	Analytical Chemistry- III
5	DSE	Analytical Chemistry - IV
5	DSE	Chemistry Of Nanomaterials - III
5	DSE	Chemistry Of Nanomaterials - IV
6	DSC	Physical Chemistry - III
6	DSC	Organic Chemistry - IV
6	DSC	Physical Chemistry - IV
6	DSE	Analytical Chemistry - V
6	DSE	Analytical Chemistry - VI
6	DSE	Chemistry Of Nanomaterials - V
6	DSE	Chemistry Of Nanomaterials - VI
7	DSC	Advanced Inorganic Chemistry I
7	DSC	Advanced Inorganic Chemistry II
7	DSE	Research Methodology & Ethics

Physics

Sem	Category	Course
1	DSC	Foundation Course in Physics-I
1	DSC	Principles of Dynamics
1	DSC	Introduction to Mechanics and Energy resources
2	DSC	Foundation Course in Physics-II
2	DSC	Electricity, Magnetism and Acoustics
2	DSC	Optics and Thermodynamics
3	DSC	Basic Electronics (Mandatory)
3	DSC	Digital Electronics and Datascience
3	DSC	Solid State Physics and Spectroscopy
3	DSE	Circuit Elements and Network Theorems
4	DSC	Classical Dynamics (Mandatory)
4	DSC	Electromagnetics and Transient Currents (Mandatory)
4	DSE	Basic digital principles and applications
5	DSC	Optics (Mandatory)
5	DSC	Quantum Mechanics - I (Mandatory)
5	DSC	Thermodynamics & Statistical Mechanics (Mandatory)
5	DSE	Transistor Amplifier circuits and Oscillators
6	DSC	Atomic & Molecular Physics (Mandatory)
6	DSC	Nuclear & Particle Physics (Mandatory)
6	DSC	Solid State Physics (Mandatory)
6	DSE	Operational Amplifiers and Applications
6	DSE	Numerical Methods in Physics
7	DSC	Advanced Mathematical Physics
7	DSC	Quantum Mechanics-II
7	DSE	Environmental Sustainability of Nanomaterials

Zoology

Sem	Category	Course
1	DSC	Non-Chordate Diversity -Part I (Mandatory)
1	DSC	Wildlife Biology and Conservation
2	DSC	Non-Chordate Diversity -Part II (Mandatory)
2	DSC	Aquatic Ecosystems and Sustainable Mangement
3	DSC	Chordate Diversity -Part I (Mandatory)
3	DSC	Concepts of Ethology
3	DSE	Environmental Science I- Global Environmental Issues
4	DSC	Chordate Diversity -Part II (Mandatory)
4	DSC	Evolution and Zoogeography (Mandatory)
4	DSE	Environmental Science II- Environmental Pollution
5	DSC	Developmental Biology (Mandatory)
5	DSC	Animal Physiology (Mandatory)
5	DSC	Microbiology and Immunology
5	DSE	Ecology and Disaster Management (Mandatory)
5	DSE	Environmental Science III-Environmental Monitoring and Ecosystem Restoration
6	DSC	Cell and Molecular Biology (Mandatory)
6	DSC	Genetics and Biotechnology (Mandatory)
6	DSC	Biochemistry
6	DSE	Animal Behaviour and Chronobiology (Mandatory)
6	DSE	Environmental Science IV- Green Technologies
7	DSC	Instrumentation and Biological Techniques
7	DSC	Human Physiology: The Life Sustaining Systems
7	DSE	Research Methodology and Biostatistics (Mandatory)

Geology

Sem	Category	Course
1	DSC	Understanding the Earth
1	DSC	Essentials of Geology
2	DSC	Physical Geology and Geomorphology
2	DSC	Minerals and Rocks
3	DSC	Crystals and Minerals
3	DSC	Dynamic Earth and Earth Resources
3	DSE	Fundamentals of Hydrogeology
4	DSC	Crystallography and Mineralogy
4	DSC	Stratigraphy and Palaeontology
4	DSE	Field Techniques in Geology
5	DSC	Magmatic process and Igneous Petrology
5	DSC	Sedimentology and Sedimentary Petrology
5	DSC	Principles of Metamorphic Petrology
5	DSE	Marine Geology
5	DSE	Advance Palaeontology
5	DSE	Climatology & Marine Science
6	DSC	Economic Geology
6	DSC	Foundation of Structural Geology
6	DSC	Indian Stratigraphy
6	DSE	Exploration and Mining Geology
6	DSE	Engineering Geology
7	DSC	Geochemistry and Isotope Geology
7	DSC	Applied Geophysics and Exploration Geology
7	DSE	Research Methodology in Geosciences
7	DSE	Mineral wealth of India and Mining Strategies
8	DSC	Advanced Petrology
8	DSC	Advanced stratigraphy and Structural Geology

Mathematics

Sem	Category	Course
1	DSC	Foundations of Mathematics
1	DSC	Differentiation and Complex Numbers
1	DSC	Differential Calculus
1	DSC	Matrices and Linear Equations
2	DSC	Theory of equations, Differential Calculus and Geometry
2	DSC	Integration and Applications of differentiation
2	DSC	Linear Algebra and Graph Theory
2	DSC	Matrices and Linear Equations
3	DSC	Integral Calculus and Foundations of Vector Calculus
3	DSC	Group Theory and Probability
3	DSC	Numerical Analysis
3	DSC	Applications of Integration, Special Functions and Fourier Series
3	DSE	Programming with LATEX and Python
4	DSC	Introduction to Real Analysis and Multiple Integrals
4	DSC	Partial Differentiation and Introduction to Abstract Algebra
4	DSE	Elementary Graph Theory
5	DSC	Differential Equations and Vector Calculus
5	DSC	Real Analysis - I
5	DSC	Abstract Algebra
5	DSE	Intermediate Graph Theory
5	DSE	Special Functions
6	DSC	Real Analysis - II
6	DSC	Complex Analysis I
6	DSC	Linear Algebra
6	DSE	Integral Transforms
6	DSE	Fuzzy Mathematics
7	DSC	Topology
7	DSC	Complex Analysis - II
7	DSE	Advanced Graph Theory

Statistics

Sem	Category	Course
1	DSC	Basic Statistics I
1	DSC	Descriptive Statistics And Probability
2	DSC	Basic Statistics II
2	DSC	Standard Distributions, Correlation And Regression
3	DSC	Basic Statistics-III
3	DSC	Statistical Inference
7	DSC	Statistical Inference
7	DSC	Time Series Analysis
7	DSC	Basic Statistical Techniques For All Disciplines

Political Science

Sem	Category	Course
1	DSC	Indian Constitution: An Introduction
1	DSC	Human Rights
2	DSC	Issues in Indian Politics
2	DSC	India and the World
3	DSC	State and Society in Kerala
3	DSC	Essentials of Administration

B.Com Finance

Sem	Category	Course
1	DSC	Accounting Principles and Standards (Mandatory)
1	DSC	Management Concepts and Practices
1	DSC	Indian Financial System
2	DSC	Financial Accounting (Mandatory)
2	DSC	E-business and Governance
2	DSC	Practices of Banking and Insurance
3	DSC	Entrepreneurship Development
3	DSC	Legal Dimensions of Business
3	DSC	Retail Banking
3	DSE	Investment Management
3	DSE	International Business
4	DSC	Business Statistics
4	DSC	Company Administration
4	DSE	Financial Markets and Services
4	DSE	Legal Framework of International Business
5	DSC	Financial Management
5	DSC	Fundamentals of Income Tax
5	DSC	Cost Accounting (Mandatory)
5	DSE	Stock Exchanges: Operations and Regulations
5	DSE	International Financial Management
6	DSC	Financial Statement Analysis
6	DSC	Auditing Principles and Practices (Mandatory)
6	DSC	Research Methodology
6	DSE	Security Analysis and Portfolio Management
6	DSE	Forex Management
7	DSC	Statistics for Business Research
7	DSC	Strategic Financial Management
7	DSE	Behavioural Finance

B.Com HM

Sem	Category	Course
1	DSC	Principles of Food Production
1	DSC	Introduction to Food & Beverage Service
1	DSC	Dynamics of Business Environment
2	DSC	Culinary Fundamentals
2	DSC	Food & Beverage Restaurant Operations
2	DSC	Motivation and Leadership in Business
3	DSC	Fundamentals of Beverage Operations
3	DSC	Principles of Marketing
3	DSE	Fundamentals of Accommodation Operations
4	DSC	Advanced Beverage Operations
4	DSC	Innovation and Start-ups
4	DSE	Fundamentals of Room Division
5	DSC	International Cuisines
5	DSC	Cost Accounting (Mandatory)
5	DSC	Human Resource Management
5	DSE	Advertising and Sales Promotion
5	DSE	Tourism Products
6	DSC	IET Food & Beverage Production
6	DSC	Cost Accounting Methods and Techniques
6	DSC	Research Methodology
6	DSE	Service Marketing
6	DSE	Travel Agency, Tour Operation and Airline
7	DSC	Statistics for Business Research
7	DSC	Strategic Financial Management
7	DSE	Eco-Tourism and Sustainable Development

Economics

Sem	Category	Course
1	DSC	Principles of Economics (Mandatory)
1	DSC	Fundamentals of Micro Economics
1	DSC	Issues of Indian Economy
1	DSC	Regional Economics
1	DSC	Agricultural Economics
2	DSC	Tools for Economic Analysis (Mandatory)
2	DSC	Fundamentals of Macroeconomics
2	DSC	Managerial Economics
2	DSC	Industrial Economics
2	DSC	Economic History of India
3	DSC	Microeconomics-1 (Mandatory)
3	DSC	Human Resource Planning
3	DSC	Economic Demography
3	DSC	Economics of the Service Sector
3	DSC	Money and Banking
3	DSE	Behavioral Economics
3	DSE	Economics of Insurance
4	DSC	Macroeconomics -1 (Mandatory)
4	DSC	Mathematics for Economics-I (Mandatory)
4	DSE	Environmental Economics
4	DSE	Foundations of Data Science
5	DSC	Indian Economy (Mandatory)
5	DSC	International Economics-I (Mandatory)
5	DSC	Statistical Methods for Economics (Mandatory)
5	DSC	Development Policy Issues in Emerging and Frontier Economies
5	DSE	Research Methodology in Economics
5	DSE	Public Economics
5	DSE	Artificial Intelligence and Machine Learning In Economics
6	DSC	Econometrics -I (Mandatory)
6	DSC	Development Economics (Mandatory)
6	DSC	International Economics -II (Mandatory)
6	DSC	Economics of Disaster Management
6	DSE	Kerala Economy
6	DSE	Financial Econometrics
6	DSE	Gender Economics
7	DSC	Microeconomics-II
7	DSC	Macroeconomics-II
7	DSE	Open-Economy Macroeconomics

Arts Subjects

History

Sem	Category	Course
1	DSC	Understanding History
1	DSC	Gender through the Ages: Historical Perspectives and Practices
1	DSC	History of Human Rights Movements
2	DSC	India – Early Social Formations
2	DSC	Ancient Indian Art and Architecture
2	DSC	Environmental History of Modern India
3	DSC	State and Society in Ancient India
3	DSC	State and Society in Pre-Modern South India
3	DSC	Art and Architecture: Medieval and Colonial Times
3	DSE	History of Pre Modern Kerala
4	DSC	Pre-Colonial India's Political and Socio-Economic Dynamics
4	DSC	Reconstructing the Past
4	DSE	Kerala- From Post- Perumal Period to British Dominance
5	DSC	Historiography: Origins and Development
5	DSC	Capitalism and Colonial Expansion in India
5	DSC	History of Socio- Reform Movements in India
5	DSE	Socio-Political Awakening in Kerala
5	DSE	Transition to Modern World
6	DSC	Historiography: Making of a Discipline
6	DCS	Towards Freedom: Making of a Nation
6	DSC	Subaltern Studies: Voice of the Voiceless
6	DSE	Kerala History from 1956 to Present
6	DSE	Global Narratives: A Journey Through Contemporary Times
7	DSC	Practice of Historical Research
7	DSC	Contemporary India: Socio-Political Dynamics
7	DSE	Advances in Historiography

Languages

English

Sem	Category	Course
1	DSC	Introduction to Literary Studies
1	DSC	Reading Cinema
2	DSC	The Art of Story Telling
2	DSC	Climate Narratives
3	DSC	Women's Writing in India
3	DSC	Film and Literature

Hindi

Sem	Category	Course
1	DSC	Beginners Hindi
2	DSC	Hindi Laghukatha Aur Haiku

Sanskrit

Sem	Category	Course
1	DSC	Sanskrit Fables And Drama
2	DSC	Sanskrit Drama (Svapnavāsavadattam)
3	DSC	Prose And Fables

Malayalam

Sem	Category	Course
1	DSC	മാതൃഭാഷയും സമൂഹവും
1	DSC	മലയാള നോവൽ
1	DSC	മലയാള കവിത
2	DSC	മലയാള ചെറുകഥ
2	DSC	മലയാള നാടകം
2	DSC	സ്ത്രീജീവിതാനുഭവം
3	DSC	അലങ്കാര വ്യുത്ഥശാസ്ത്രം (Mandatory)
3	DSC	ദളിതെഴുത്ത്
3	DSC	പെണ്ണെഴുത്ത് - സിദ്ധാന്തവും പ്രയോഗവും
3	DSC	സാഹിത്യ മാതൃകകൾ (പ്രാചീനം)
3	DSE	നാട്ടറിവ് പഠനം - അടിസ്ഥാന സങ്കല്പങ്ങൾ
4	DSC	ജെൻഡർ പഠനങ്ങൾ
4	DSC	സാഹിത്യ മാതൃകകൾ (മധ്യകാലം)
4	DSE	ആധുനിക സാങ്കേതികവിദ്യയും മലയാള ഭാഷയും
5	DSC	സാഹിത്യ മാതൃകകൾ (ആധുനികം)
5	DSC	മലയാള വ്യാകരണം I (Mandatory)
5	DSC	ഭാഷാ ശാസ്ത്രം I (Mandatory)
5	DSE	പത്രപ്രവർത്തനം
5	DSE	അനുകല്പനം - പാഠവും പഠനവും
6	DSC	മലയാളസാഹിത്യ നിരൂപണം (ആധുനികഘട്ടം)
6	DSC	മലയാള വ്യാകരണം II (Mandatory)
6	DSC	ഭാഷാ ശാസ്ത്രം II (Mandatory)
6	DSE	കുമാരനാശാൻ - സമഗ്രപഠനം
6	DSE	ബഷീർ - സമഗ്രപഠനം
7	DSC	കേരളസംസ്കാരം
7	DSC	മലയാള വ്യാകരണം III
7	DSC	നവീന സാഹിത്യ സിദ്ധാന്തങ്ങൾ
7	DSC	പൗരസ്ത്യ സാഹിത്യ സിദ്ധാന്തങ്ങൾ