



SIR SYED COLLEGE,
TALIPARAMBA

FYUGP 2024

MINOR & MDC COURSES

Offered at

Sir Syed College, Taliparamba

(First Semester)



Sir Syed College

Key Highlights..



57 years of
educational excellence



Produced more than
33 PhDs



Re-accredited by
NAAC with A grade



530+ Rank
holders



NIRF Ranked
(101-150) institutions



2200 Active
Students



More than 51700
proud & well-placed alumni



₹ 7402545
scholarship per yeart



14 UG courses,
5 PG courses & 4 PhD Depts



80+ eminent
faculty members

 Dr. Siddique K P: 96560 68882
FYUGP Convenor



Minor- 1

Journey through Arab Cinema

(KU1DSCARB106)

- This course provides an in-depth exploration of the history, development, and cultural significance of Arab cinema.
- Additionally, students can analyse and appreciate cinematic gems like Doaa al-Karwan, Paradise Now, and 'Theeb, gaining insight into themes, characters, and storytelling techniques.

Minor- 2

Speak Arabic

(KU1DSCARB105)

- This course is designed to equip learner with basic skill of speaking in Arabic and to make them familiar with Arabic vocabulary & idioms related with the different situations of life.

MDC

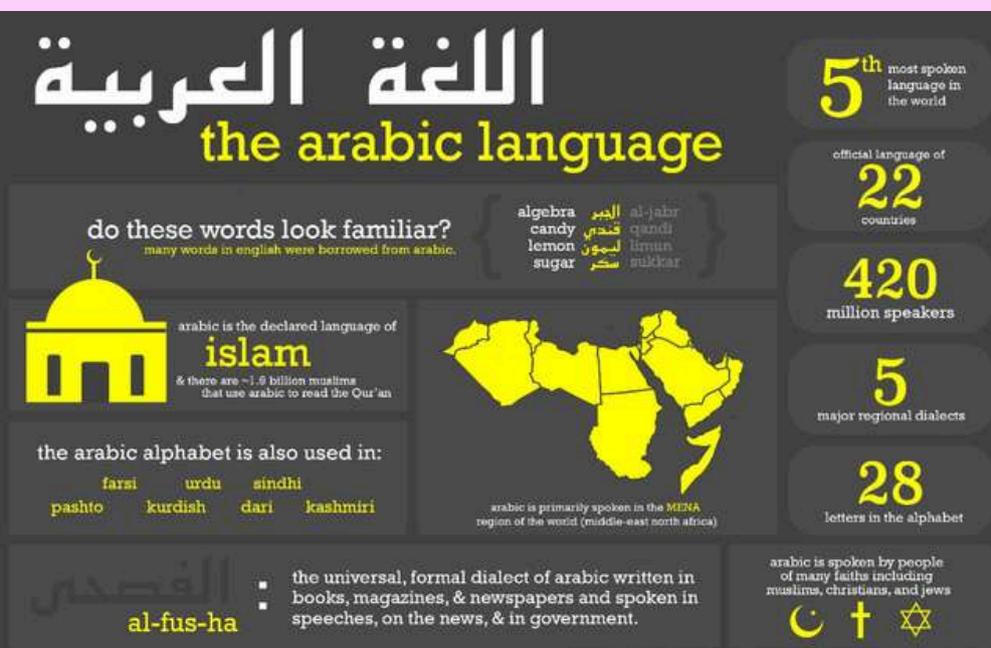
1- Arabic for Beginners - Part 1

(KU1MDCARB101)

- The course is designed to explore the fundamentals of Arabic language and grammar with our comprehensive course.
- From mastering the Arabic alphabet to understanding basic vocabulary and sentence structures, this course covers essential elements for beginners.
- Gain proficiency in writing Arabic letters and forming words, while also learning common greetings, vocabulary for making acquaintances, and expressing simple questions.

2- Arabic for Business and Entrepreneurship (KU1MDCARB101)

- The course is designed to help the learner to expand the career horizons and enable him to connect with Arabic speaking clients and colleagues. The learner, by the completion of the course, will be familiarized with the essential Arabic that will cater the day-to-day business requirement of the language



اللغة العربية
the arabic language

do these words look familiar?
many words in english were borrowed from arabic.

algebra الجبر al-jabr
candy قندير qandi
lemon ليمون limun
sugar سكر sukkar

arabic is the declared language of
islam
& there are ~1.9 billion muslims
that use arabic to read the Qur'an

the arabic alphabet is also used in:
farsi urdu sindhi
pashto kurdish dari kashmiri

arabic is primarily spoken in the MENA
region of the world (middle-east north africa)

5th most spoken language in the world

official language of
22
countries

420
million speakers

5
major regional dialects

28
letters in the alphabet

arabic is spoken by people of many faiths including muslims, christians, and jews

الْفُصْحَى
al-fus-ha

the universal, formal dialect of arabic written in books, magazines, & newspapers and spoken in speeches, on the news, & in government.

arabic is spoken by people of many faiths including muslims, christians, and jews

Dr. Muhammad Riyas K. V
97448 87575

Department of Botany

Minor- 1

Diversity of Plants I

(KU1DSCBOT103)

- It is one of the basic courses which are very helpful in understanding the fundamental concepts in cell biology as well as in diversity of life.
- This course will provide opportunities to observe diverse forms of plant life of lower groups during laboratory sessions.

Minor- 2

Plant Ecology and Phytogeography

(KU1DSCBOT104)

- It is one of the basic minor courses which are very essential for understanding the diversity of plants and their ecosystems.
- It emphasizes on the basic principles and processes that are very relevant to the vast field of environmental sciences.
- This course will also provide opportunities to do some laboratory work to find out the adaptations of plants as well as regional differences in physicochemical parameters of various ecosystems

MDC

Plant diversity

(KU1MDCBOT101)

- It is one of the basic courses in botany that is very helpful in understanding the fundamental concepts in botany, diverse forms of plant life, their description as well as classification.
- This course is designed for a better start of a botanical journey in academics.

☎ Dr. Gayathri R Nambiar: 90481 31633





Muhammad Sayeed. T
95448 82177

Minor- 1

1- Fundamentals of Theoretical & Nuclear Chemistry (KU1DSCCHE111)

- This course explores the principles and models underlying theoretical chemistry, including quantum mechanics and molecular structure.

2- Fundamentals of Structural and Analytical Chemistry (KU1DSCCHE126)

- This course delves into the methods used to determine the structure of molecules, including spectroscopy and crystallography.

Minor- 2

1-Basic Concepts in Theoretical and Environmental Chemistry

(KU1DSCCHE114)

- This course introduces the foundational theories of chemistry, including quantum chemistry and thermodynamics. It also explores environmental chemistry, focusing on the chemical processes in natural systems and the impact of human activities on the environment

2- Principle of Basic Chemistry- 1

(KU1DSCCHE116)

- This course aims to provide understanding of the fundamentals of structural and analytical chemistry.

MDC

1-Environmental Studies

(KU1MDCCHE102)

- This course provides an overview of environmental science, covering topics such as ecosystems, biodiversity, and natural resource management.

Minor- 1

1- Accounting for Beginners (KU1DSCCOM101)

- This course provides a basic understanding of accounting and book-keeping practices, and helps students learn the professional accounting standards.

2- Modern Marketing (KU1DSCCOM104)

- A very attractive course that provides interesting insights about the dynamics of modern marketing, including digital marketing trends and perspectives.

Minor- 2

Basics of Banking (KU1DSCCOM102)

- This course offers basic principles and practices of banking. It is very helpful for those who see a future career in finance institutions. .

MDC

Personal Finance Planning (KU1MDCCOM100)

- Almost everyone struggles to manage their personal finance. No matter whether you are science or arts or language student, gaining the skills to manage personal finance is essential.



Muhammad Saalih. C
94961 67869

Minor -1

Fundamentals of Programming with C (KU1DSCCSC101)

- This course provides a strong foundation for understanding programming languages. C is a powerful, efficient, and widely-used language that teaches core programming concepts.
- By learning C, you will establish a base for studying other programming languages.
- This knowledge will help you become a skilled programmer and make it easier to learn other programming languages in the future.

Minor -2

AI (Artificial Intelligence) in daily life (KU1DSCCSC106)

- This course, AI in Daily Life, is one of the basic courses designed to help you understand the fundamentals of artificial intelligence.
- The course covers basic AI concepts and machine learning, demonstrating how these technologies enhance efficiency and convenience in daily life.
- By understanding AI's impact on daily life, you will be better prepared to utilize and adapt to new AI-driven innovations.

MDC

Digital Marketing (KU1MDCCSC103)

- This course, Digital Marketing, is designed to help you understand the fundamentals of online marketing.
- It covers key concepts such as search engine optimization, social media marketing, content marketing, email marketing, and analytics.
- By learning these techniques, you'll be able to create effective digital marketing strategies, reach your target audience, and measure the success of your campaigns.



Rahila N V: 85478 74625



Minor - 1

Economics for Beginners

(KU1DSCECO102)

- This course delves into foundational economic concepts and theories, focusing on Micro economics, Macro economics and Indian economy.
- It helps the learners to get an idea about overall picture on the working of India's economy.

Minor - 2

Economics of Tourism and Development

(KU1DSCECO103)

- This course examines the intersection of tourism and economic development, focussing on how tourism can drive economic growth.
- The course also assesses the challenges and opportunities associated with tourism.
- To get field experience, the course incorporates compulsory two days study tour within Kerala.

MDC

Economics for Competitive Examination

(KU1MDCECO102)

- This course helps the learners to gain insights into fundamental economic principles while exploring the latest trends in the Indian economy, public finance and international economic developments.
- Furthermore, it addresses recent developments in India's economy, including government initiatives and contemporary issues.
- This course prepares students with diverse academic backgrounds to excel in competitive examinations.



Dr. Sajitha. PK:
94462 62610



Minor- 1

1- English for Daily Use (KU1DSCFNG101)

- This course equips you with essential LSRW (Listening, Speaking, Reading, Writing) skills for confident communication in everyday situations.
- This course will help broaden your English proficiency, making you a more effective communicator in real-world scenarios.

2- Life Writings (KU1DSCENG103)

- "Life Writings" delves into the exploration of personal narratives through various genres like autobiography, memoir, and biography.
- This course broadens your understanding of how life stories are shaped and shared, expanding your appreciation for different forms of self-expression.

Minor- 2

1- English for Professional Success (KU1DSCFNG104)

- "English for Professional Success" will hone your communication and skill set for navigating the professional world with confidence.
- This course equips you with the written, verbal, and critical thinking abilities needed to thrive in today's professional landscape.

2- New Literatures (KU1DSCENG105)

- "New Literatures" explores the vibrant world of writing beyond traditional canons, delving into literatures from previously marginalized regions and cultures.
- This course broadens your literary horizons by examining the rich tapestry of voices and perspectives that have traditionally been underrepresented in mainstream literature.

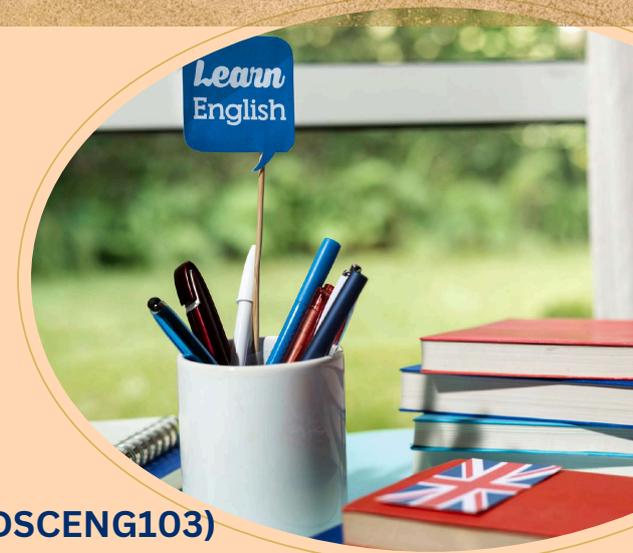
MDC

1- Studying Media (KU1MDCFNG101)

- "Studying Media" takes an interdisciplinary approach to explore the evolving landscape of media, analyzing its creation, impact, and influence on society.
- This course equips you with critical thinking skills to understand how different media forms shape our understanding of the world and our place within it.

2- Sports Narratives (KU1MDCFNG102)

- "Sports Narratives" explores the intersection of athletics and storytelling, examining how sports are chronicled, analyzed, and used to shape cultural narratives.
- This multidisciplinary course delves into sports literature, film, journalism, and cultural studies to understand the power of sports stories in shaping our perceptions of competition, identity, and society



Minor-1

Introduction to Forest Resources

(KU1DSCFOR102)

- 🌳 Gain practical experience in managing and conserving forests through field trips and interactive activities.
- 🌳 Covers all aspects of environment and ecology needed for degree-level competitive exams.

Minor-2

Fundamentals of Wildlife Science

(KU1DSCFOR103)

- 🐅 Introducing the fascinating world of wild animals from the majestic Royal Bengal Tiger to the mysterious deep-sea creatures.
- 🐅 Insight into various wildlife conservation activities.

MDC

ECOTOURISM

(KU1MDCFOR101)

- 🏠 Learn about different ecotourism destinations and tourism activities in and outside Kerala
- 🏠 Visit to various ecotourism sites and experiencing various ecotourism activities

☎ Azhar Ali. A: 8943189531



Department of History

Minor-1

History of Tourism: Concepts and Practices (KU1DSCHIS105)

- ടൂറിസത്തിന്റെ ചരിത്ര- സാമ്പത്തിക വികസനം, എന്നിവയുൾപ്പെടെ അതിന്റെ തത്വങ്ങളെയും സിദ്ധാന്തങ്ങളെയും കുറിച്ച് വിദ്യാർത്ഥികൾക്ക് സമഗ്രമായ ധാരണ നൽകുന്ന സിലബസ്
- ആശയവിനിമയം, നേതൃത്വം, ടീം വർക്ക്, ഉപഭോക്തൃ സേവനം, ഇവന്റ് പ്ലാനിംഗ്, ട്രാവൽ ഏജൻസി ഓപ്പറേഷൻ, ഹോസ്പിറ്റാലിറ്റി മാനേജ്മെന്റ് തുടങ്ങിയ വിനോദസഞ്ചാരവുമായി ബന്ധപ്പെട്ട വിവിധ തൊഴിലുകൾക്ക് ആവശ്യമായ പ്രായോഗിക കഴിവുകൾക്ക് മുൻതൂക്കം നൽകുന്നു



Minor-2

Understanding the modern world (KU1DSCHIS103)

- മധ്യകാലഘട്ടത്തിൽ നിന്ന് ആധുനിക ലോകത്തിലേക്കുള്ള പരിവർത്തനത്തെക്കുറിച്ച് ആഴത്തിലുള്ള ധാരണ നേടാനും ആധുനിക ലോകത്തിന്റെ തുടക്കത്തിൽ ബൗദ്ധിക പ്രസ്ഥാനങ്ങളുടെ സ്വാധീനത്തെക്കുറിച്ച് ആഴത്തിലുള്ള പഠനം നടത്താനും കോഴ്സ് ലക്ഷ്യമിടുന്നു.
- സിവിൽ സർവീസ് പരീക്ഷ ഉൾപ്പെടെയുള്ള മത്സര പരീക്ഷയ്ക്ക് തയ്യാറെടുക്കുന്ന വിദ്യാർത്ഥികൾക്ക് ഏറ്റവും അനുയോജ്യം

NB: No MDC course offered

☎ Thwahir . P H: 94476 48253:



Department of Journalism

Minor-1

Film Appreciation

(KU1DSCJOUR103)

- The course focuses on helping the students to appreciate cinema by understanding its distinct language, its narrative complexity and the way films control and stimulate our thoughts and feelings.
- The course provides insight into both the technical aspects of film production and the creative and artistic application of those techniques.

Minor-2

Foundations of Mass Media

(KU1DSCJOUR105)

- This course will provide a comprehensive overview of Media, Journalism and Communication practices.
- It cover the key principles and exploring various aspects of human communication in different contexts.

MDC

Professional Journalism

(KU1MDCJOUR106)

- This course is designed to equip aspiring journalists with the skills necessary to research, report, write, and produce news stories across various media platforms, including print, digital, and broadcast.



Muhammad Ladeed: 99477 78797

Department of Malayalam

Minor-1

പ്രായോഗിക മലയാളം

(KU1DSCMAL102)

- സിവിൽ സർവ്വീസ് പരീക്ഷകൾക്ക് മലയാളം ഐച്ഛിക വിഷയമായി തിരഞ്ഞെടുക്കുന്നവർക്കും മത്സര പരീക്ഷകൾക്ക് ഒരുങ്ങുന്നവർക്കും മലയാളത്തിൽ അടിസ്ഥാന ധാരണ നൽകുന്ന കോഴ്സ്.
- പ്രായോഗിക പരിശീനത്തിന് പ്രാമുഖ്യമുള്ള സിലബസ്.

Minor-2

ഇന്ത്യൻ ഇതര ഭാഷാ സാഹിത്യ പരിചയം

(KU1DSCMAL103)

- ഇന്ത്യക്ക് പുറത്ത് വിവിധ ഭാഷകളിൽ രചിക്കപ്പെട്ട വിഖ്യാതങ്ങളായ സാഹിത്യകൃതികളുടെ വിവർത്തനപാഠങ്ങൾ പഠന വിഷയമാകുന്ന കോഴ്സ്.
- ഗ്രീക്ക് ഇതിഹാസ കഥകൾ, റഷ്യൻ ബാലകഥകൾ, അറേബ്യൻ നാടോടിക്കഥകൾ, വിഖ്യാത നോവലുകളിലെ അധ്യായങ്ങൾ, ഭീകര കഥകൾ തുടങ്ങിയ രചനാ വൈവിധ്യങ്ങൾ ഉൾക്കൊള്ളുന്ന സിലബസ്.

MDC

നവമാധ്യമ സംസ്കാരം

(KU1MDCMAL101)

- ന്യൂമീഡിയ, സോഷ്യൽ മീഡിയ എന്നിവ ഭാഷയിലും സംസ്കാരത്തിലും ചെലുത്തുന്ന അനുകൂലവും പ്രതികൂലവുമായ സ്വാധീനങ്ങളെ കുറിച്ച് പഠിക്കുന്ന കോഴ്സ്.
- കരിക്ക്, മറിമായം തുടങ്ങിയ വെബ് സീരീസുകൾ, വെബ് മാഗസിനുകൾ, ഷോർട്ട് ഫിലിമുകൾ, റീൽസ് , മീമുകൾ, ട്രാൾ, തഗ്ഗ് - കൗണ്ടർ സംസ്കാരം തുടങ്ങിയ മേഖലകൾ ഉൾക്കൊള്ളുന്ന സിലബസ്.



Navas Mannan :
90374 98864



Minor- 1

1- Managerial Economics (KU1DSCBBA101)

- This course provides learning of economic principles and theoretical frameworks in business and management perspectives. It is very helpful for those who aspire bright future in business and management.

Minor- 2

1- Business Statistics (KU1DSCBBA102)

- This course is very useful for students from statistics, mathematics and economics backgrounds. It provides learning of the application of statistical tools and calculations in businesses.

2- Basic Concepts of Professionalism (KU1DSCBBA104)

- A very attractive course for any one from any discipline, as it offers learning of professional practices in life and career.



Muhammad Saalih. C: 94961 67869

NB:
No MDC offered



Minor- 1

1- CALCULUS AND MATRIX ALGEBRA (KU1DSCMAT112)

- This course is to discuss limits, continuity, derivative and inverse, rank, eigenvalues and eigenvectors of a matrix

2- CALCULUS AND MATRIX ALGEBRA-I (KU1DSCMAT117)

- This course introduces fundamental concepts in calculus covering functions, limits, continuity, differentiation and integration, alongside essential matrix algebra topics such as row echelon form, elementary row transformations, rank, and simultaneous equations.

Minor- 2

1- CALCULUS AND COORDINATE SYSTEM (KU1DSCMAT116)

- This course covers the foundational concepts of functions, limits, differentiation, integration, and coordinate systems, providing students with the skills to analyze and solve mathematical problems involving trigonometric, exponential, logarithmic, and hyperbolic functions, limits and continuity, derivatives and integration techniques, and multiple coordinate system.

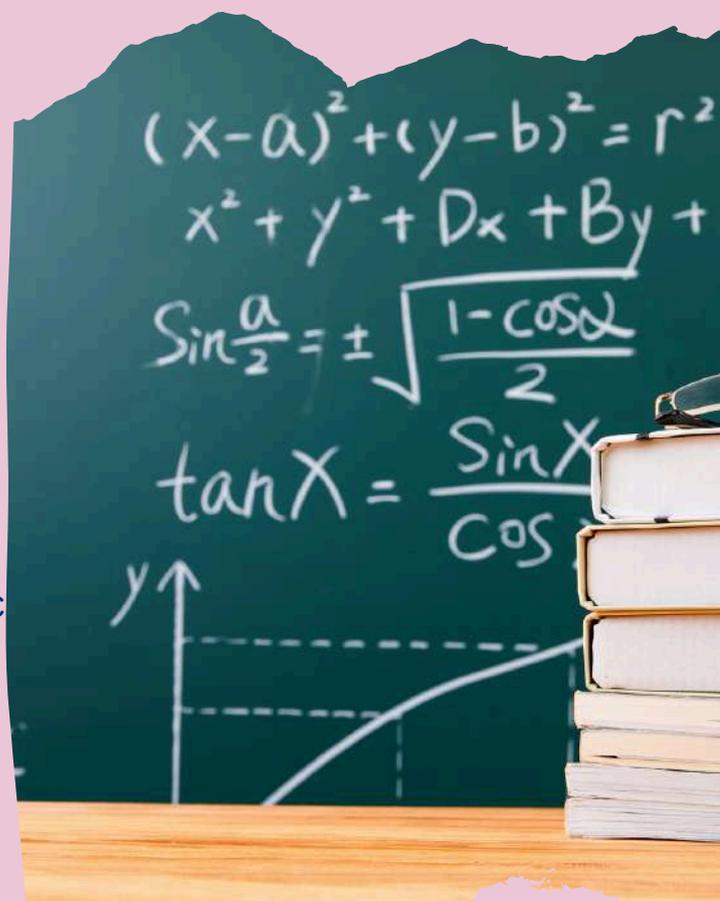
MDC

MATHEMATICS IN REAL LIFE (KU1MDCMAT101)

- This course is designed to equip students with essential knowledge and skills required to excel quantitative reasoning and arithmetic operations which in turn develop speed and accuracy also In addition, the course consists of practical applications of quantitative arithmetic in finance business and science.



Sirajudheen M. P: 94969 28404



Department of Physics

Minor- 1

Semiconductor Physics and Electronics (KU1DSCPHY115)

- This course offers an introduction to semiconductor physics, including the properties and behaviour of semiconductors, diodes, and transistors. Students will learn about pn junctions, diode rectifiers, transistor biasing, and various types of transistor amplifiers and oscillators.
- Practical laboratory sessions will reinforce theoretical concepts, focusing on diode characteristics, rectifier circuits, voltage regulation, and amplifier and oscillator designs.

Minor- 2

Introduction to Computational Physics (KU1DSCPHY116)

- This course offers the exciting journey of Computational Physics, where motion meets code! It provides a unique opportunity to explore the fundamentals of mechanics and Python programming in a fusion of physics and computing, preparing students for careers in research, industry, and academia by developing problem-solving skills, computational skills, and analytical abilities.

MDC

Physics Around Us (KU1MDCPHY101)

- Physics around us is a descriptive course that deals with the applications of physics to commonly experienced phenomena and machines.
- This course would enable the students to identify, analyse, and solve problems encountered in everyday situations using principles of physics.



Dr. Haris. P: 94969 27463





Department of Statistics

Minor- 1

INTRODUCTORY STATISTICS

(KU1DSCSTA121)

- This course covers statistical methods including data classification, sources of data, sampling techniques, measures of central tendency and dispersion, moments, skewness, and kurtosis, providing a comprehensive understanding of data analysis and interpretation.

Minor- 2

BASIC STATISTICS AND NUMERICAL SKILLS

(KU1DSCSTA124)

- This course provides a comprehensive understanding of statistical methods, covering different types of data, sources of data, sampling methods, measures of central tendency, measures of dispersion, and basic concepts of matrix algebra, including mathematical operations, determinants, and solutions of simultaneous equations using Cramer's rule.

MDC

BASICS OF STATISTICS

(KU1MDCSTA141)

- This course covers fundamental mathematical concepts such as number systems, equations, and progressions, along with an introduction to statistics including data types, measurement scales, and methods of data collection and presentation



Mansoor. N. K: 88917 19018

Minor- 1

ANIMALS AND ENVIRONMENT

(KU2DSCZOO102)

- Explore the fundamental principles of Ecology. Dwell into ecological organization, interactions, and energy flow.
- Investigate biodiversity, community dynamics, and human impacts on ecosystems.
- Gain essential knowledge for understanding and contributing to a sustainable world.
- This course also equips students with essential knowledge and skills for further studies in environmental science, biology, and related fields, fostering an understanding of ecological systems and the importance of environmental stewardship.

Minor- 2

INTRODUCTORY ANIMAL PHYSIOLOGY

(KU1DSCZOO107)

- This course is aimed as a preliminary course of animal biology, emphasizing key topics such as animal size, homeostasis, osmoregulation, sensory systems and locomotion.
- The course covers topics on tissues, organs and organ systems.
- The student is introduced to homeostasis and heat exchange in animals.
- Animal osmoregulation and locomotory structures like muscles and skeleton are discussed. Another important aspect of animal colouration and integument is introduced here.



MDC

INSECT PEST MANAGEMENT

(KU1MDCZOO101)

- This course aims to introduce students to different types of insect pests and also equip them with the idea of pest control.
- Different methods of pest control and the pros and cons of each methods are dealt with. The course also aims at introducing an important concept in pest management – “integrated pest management”.



Dr. Mumthaz T M V : 94953 46981

Other MDC Courses:

Department of Hindi

Geethom Ke Bol Anbol

(KU1MDCHIN101)

- This course will help students learn the language of Hindi, and to help them improve their abilities in speaking, writing, reading and listening skills in Hindi language



Dr. Mohanan V T V : 94003 54822

Department of Physical Education

Sports and Society

(KU1MDCPED101)

- This course will help students to analyze the role of psychology in daily life to understand ourselves and others.
- The students will be able to relate biological, psychological, and socio-cultural factors of human behaviour.



Dr. Mahesh K. V: 97445 18208

Department of Urdu

Bunyadi Urdu (BASIC URDU)

(KU1MDCURD101)

- The Bunyadi Urdu (Basic Urdu) course is designed to introduce learners to the fundamental aspects of the Urdu language. This course covers essential vocabulary, grammar, and pronunciation, enabling students to engage in basic daily conversations.
- Through interactive lessons, practice worksheets, and audio-visual aids, participants will develop reading, writing, and speaking skills in Urdu. Ideal for beginners, this self-paced course provides a strong foundation for further exploration of the language and its rich cultural context.



khairunnisa. N K : 91883 85200