



E.S.ARTS AND SCIENCE COLLEGE (Co-Ed)

(A Unit of E.S. Group of Institutions & Affiliated to Annamalai University)

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PROSPECTUS

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DEPARTMENT OF ENGLISH

E.S.ARTS AND SCIENCE COLLEGE (Co-Ed)

PROSPECTUS



B.A English

Year of Established : 2016

Entry Requirement : Pass in HSC or Equivalent

Duration : 3 Years

Literature is the mirror of life. English Literature is the study of texts that happened in individual life around the world written in English and generally literature refers to the different genres like Poetry, Drama, Prose and Fiction. Studying English literature opens up a world of inspiration and creativity, while also developing skills that are essential for today's global environment. It is also a chance to sharpen your own ability to write, read, analyze and persuade. It gives the view of life from the ancient to modern through writings.

An English Literature degree allows you to develop a thorough knowledge of literary history, theory and criticism and enhances your understanding of a wide range of cultures and intellectual ideas. It gives us the spark to awake ourselves, ask questions, and build our intuitions and instincts. English Literature also connects us with history and revolutions. It helps us to compare the past and present ages and be aware of the reason for changes. Literature is something that never ever gets outdated. It has always the given us great knowledge indeed.

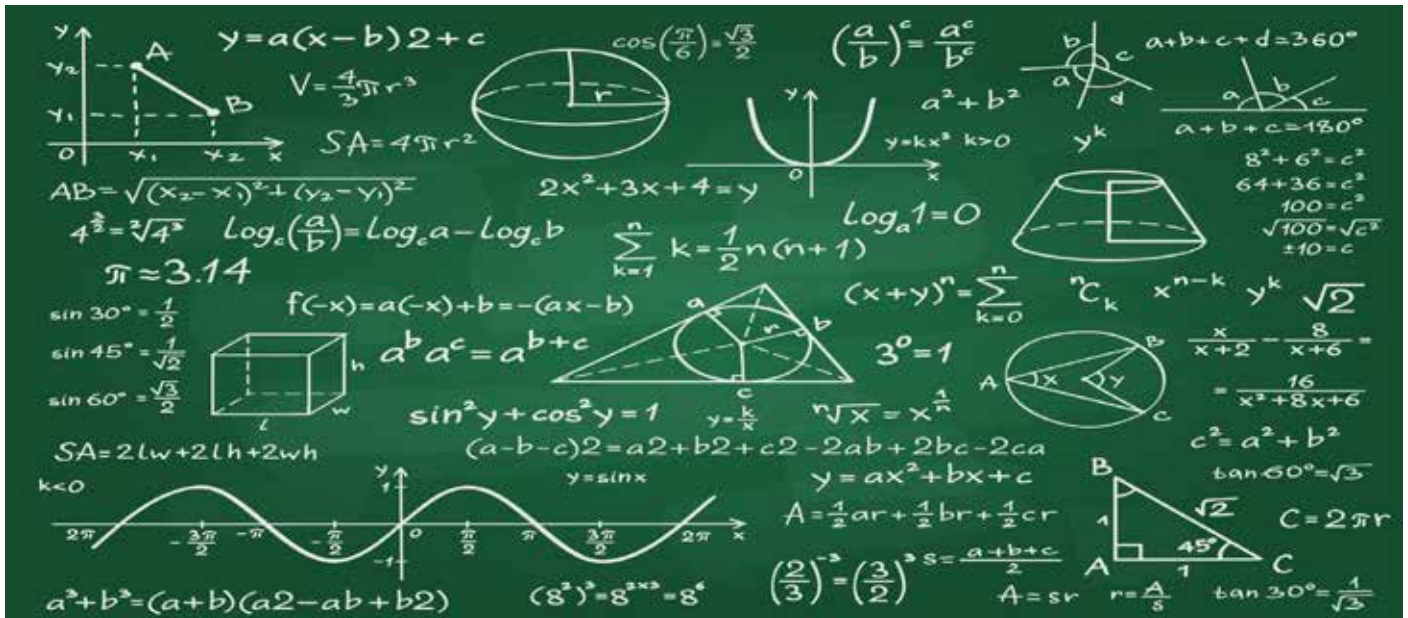
Higher Education

M.A English
M.A Linguistics
M.A Comparative Literature
M.A Mass communication and Journalism
M.A Cultural Studies
M.A Translation Studies
B.Ed

Career Prospects

Content Writer
Translator
Script Writer
Soft Skill Trainer
Anchor
News Reader
Sub - Editor
Proof Reader
Career Counsellor
BPO

There is nothing in the world so irresistibly contagious as Literature



B.Sc Mathematics

Year of Established : 2016

Entry Requirement : Pass in HSC with Mathematics as one of the subject.

Duration : 3 Years

The Department of Mathematics is one of the pioneering and the most distinguished department. Applying a multi-disciplinary research and teaching methods, the department strongly believes in finding mathematical solutions for various social-economic, technological and work related processes and challenges. The Department of Mathematics focuses on pure, applied and applicable mathematics catering to students of varied backgrounds to help them understand their potential and enrich their lives.

The core objectives of the department are to impart students with logical thinking, analytical reasoning, problem solving skills equipped with more technological and scientific computing techniques based on mathematical methods. The department has widen to their horizon of knowledge with focus on research and value based education in order to meet the growing demand in the industrial, marketing and communication sectors to suit the context of globalization.

Higher Education

- M.Sc Maths
- M.Sc Maths (CA)
- MCA
- M.Sc Applied Mathematics
- M.Sc Statistics
- MBA
- M.Sc IT
- M.Sc CS
- M.Sc Actuarial Science
- B.Ed

Career Prospects

- Software Engineer
- Investment Banker
- Cryptographer
- Aero Space Engineer
- Statistician
- Data analyst.
- Programmer
- Business Analyst
- Astronomer
- Block Chain Developer.

DEPARTMENT OF PHYSICS

E.S.ARTS AND SCIENCE COLLEGE (Co-Ed)

PROSPECTUS



B.Sc Physics

Year of Established : 2016

Entry Requirement : Pass in HSC (+2) with Physics/ Mathematics/ Chemistry

Duration : 3 Years

Physics is the branch of science that deals with the structure of matter and how the fundamental constituents of the universe interact. It studies objects ranging from the very small using quantum mechanics to the entire universe using general relativity. This programme provides an excellent background for a wide variety of careers in Science, Science-related and technological fields.

Physics is the branch of science which studies physical and natural phenomena around us

Higher Education

M.Sc Physics
M.Sc Atmospheric Science
M.Sc Medical Physics
M.Sc Electronics
M.Sc Forensic Science
M.Sc Nuclear Physics
MBA
MCA

Career Prospects

Data Scientist
Geo Physicist
Research Scientist
Medical Physicist
Meteorologist
Clinical Scientist
Nanotechnologist
Laser Engineer
Sound Engineer
Radiation Protection Practitioner
Aviation Industry

DEPARTMENT OF CHEMISTRY

E.S.ARTS AND SCIENCE COLLEGE (Co-Ed)

PROSPECTUS



B.Sc Chemistry

Year of Established : 2017

Entry Requirement : HSC /+2 with Chemistry / Mathematics /
Physics / Biology

Duration : 3 Years

Chemistry is the branch of science deals with the properties, composition and structure of substances, the transformation they undergo, and the energy that is released or absorbed during these processes. It provides a foundation for understanding both basic and applied scientific disciplines at a fundamental level. This programme affords an excellent background for a wide diversity of careers in Research & Development and Pharmaceutical Industries.

Chemistry is the Science of the Molecules and thier transformation

Higher Education

M.Sc General Chemistry
M.Sc Inorganic Chemistry
M.Sc Organic Chemistry
M.Sc Physical Chemistry
M.Sc Analytical Chemistry
M.Sc Industrial Chemistry
M.Sc Green Chemistry

Career Prospects

Pharma Chemist
Research and Development Manager
Production Chemist
Water Quality Chemist
Food and Flavor Chemist
Agricultural Chemist
Pollution Controller
Toxicologist
Industrial Chemist
Quality Controller
Biomedical Chemist
Forensic Chemist

DEPARTMENT OF BOTANY

E.S.ARTS AND SCIENCE COLLEGE (Co-Ed)

PROSPECTUS



B.Sc Botany

Year of Established : 2017

Entry Requirement : Pass in HSC (+2) with Botany / Chemistry / Zoology /
Biology

Duration : 3 Years

Botany is the branch of Biology which deals with the scientific study of plants. It includes algae, fungi, lichens, mosses, ferns, conifers and flowering plants. The study of Botany is vital because plants are a fundamental part of life on earth. The application of plant sciences improves the yield and supply of medicines, food, fibres, building materials and other plant products. Careers in Botany are vast and variable because of its interdisciplinary nature. After completing the course one can be a part of any reputed organization as plant explorer, Ecologist, Horticulturist, Plant Biochemist and Farming consultant. The demand for botanist is increasing in areas such as Medicinal Plant research, Plant diseases, Plant breeding, Molecular biology, Plant biotechnology, Plant biochemistry etc., Applied scientific disciplines at a fundamental level. This programme affords an excellent background for a wide diversity of careers in Research & Development and Pharmaceutical Industries.

If a tree dies, plant another in its place

Higher Education

M.Sc Botany
M.Sc Microbiology
M.Sc Biotechnology
M.Sc Bio-informatics
M.Sc Genetics
M.Sc Microbial Biotechnology
M.Sc Genomics
M.Sc Ecology
M.Sc Marine Science

Career Prospects

Research Scientist
Ecologist
Taxonomist
Conservationist
Forester or Plant Explorer
Field Botanist

DEPARTMENT OF INTERIOR DESIGN & DECOR

E.S.ARTS AND SCIENCE COLLEGE (Co-Ed)

PROSPECTUS



B.Sc Interior Design and Decor

Year of Established : 2018

Entry Requirement : HSC / +2

Duration : 3 Years

Interior design is the art and science of understanding student's behavior to create functional spaces within a building, while interior decorating is the furnishing or adorning of a space with decorative elements to achieve a certain aesthetic. An interior designer is someone who plan, research, coordinate and manage such enhancement the projects.

An aesthetics of Architectural views of Interior Design & Decor

Higher Education

M.Sc Interior Design and Decor
M.Sc Architecture
M.Sc Textile
M.Sc Fashion Technology
B.E Architecture Engineering
B.E Textile Engineering
B.E Fashion Technology

Career Prospects

Design Engineer
Building Planner
Interior Decorator
Design Construction work
Junior Engineer
Quality controller of design work
Locomotive coach designer

DEPARTMENT OF VISUAL COMMUNICATION

E.S.ARTS AND SCIENCE COLLEGE (Co-Ed)

PROSPECTUS



B.Sc. Visual Communication

Year of Established : 2019

Entry Requirement : HSC / +2

Duration : 3 Years

Program has been designed in response to the growing needs in India for good professional Program in “Visual Media”. A three-year Bachelor’s Degree Program has been conceived to address this need. The aim of this Program is to introduce and prepare for student career in the Visual Media industry and the same time maintain the academic ethos of a graduate study.

The Program seeks to achieve this by providing an environment that would foster the gaining and deployment of knowledge, technical skills, methods and critical reasoning that would enable them to take the positions of key member in this rapidly developing and changing industry.

Visual Communication is all around us, it is ubiquitous

Higher Education

M.Sc Visual Communication
M. A Mass communication and Journalism
M.Sc Electronic Media
MBA
MBA Media Management

Career Prospects

Director of Photography
Photojournalist
Wildlife Photographer, Event Photographer
Graphic designer
Art/Creative Director
Visual Designer
Visual Artist
Web Designer
Entrepreneur
Production Designer
Multimedia Artist and Animator
Set Designer etc...

DEPARTMENT OF HISTORY

E.S.ARTS AND SCIENCE COLLEGE (Co-Ed)

PROSPECTUS



B.A History

Year of Established : 2019

Entry Requirement : HSC / +2

Duration : 3 Years

The Department provides facilities for study and research in social economic and cultural history and highlights the intellectual tradition and cultural heritage of the world. It gives the opportunity to study historiography and the philosophy of history and provide knowledge of the theory and practice of historical writings. Nowadays history deals with regional studies also. Studying History provides cultural awareness to the students. It also helps the students to develop the critical thinking. It is one of the most preferred subject for the aspirants preparing for IAS, IPS, IFS and many government competitive exams.

Higher Education

M.A History
M.A Archaeology
M.A Indian art and Culture
M.A Ancient History
B.L Lawyer
B.Ed

Career Prospects

Archaeologist
Archivist
Historical Researcher
Museum Work
Media and Tour Guide
Competitive Exams(TNPSC, UPSC, Police, SSC)

There is no Life without History

DEPARTMENT OF COMPUTER SCIENCE

E.S.ARTS AND SCIENCE COLLEGE (Co-Ed)

PROSPECTUS



B.Sc Computer Science

Year of Established : 2016

Entry Requirement : A Pass in H.Sc (+2) with Computer Science/
Applications (or) Mathematics

Duration : 3 Years

Computer science is about understanding computers and computing, algorithms and data structures, network design, hardware and software, and their uses for processing information. Thrust areas of study within Computer Science include artificial intelligence, computer networks, system security, database systems, human computer interaction, vision and graphics, numerical analysis, programming languages, software engineering, bioinformatics, theory of computing and Machine Learning.

Computing can change the World

Higher Education

M.Sc Artificial Intelligence and Data Science
M.Sc Artificial Intelligence and Machine Learning
M.Sc Block Chain Technology
M.Sc Software Engineering
M.Sc Information Technology
M.Sc Data Science and Analytics
M.Sc Computer Science
M.C.A.

Career Prospects

Software Engineer
Network Engineer
Application Developer
System Admin
IT Consultant
Mobile App Developer
Computer Games Developer
Graphics Designer
Web Designer / Developer
Desktop Engineer
ERP Developer / Admin
Multimedia Programmer
Technical Support Engineer
Information Systems Manager
Security Software Engineer



B.Com General UG

Year of Established : 2016

Entry Requirement : Pass in HSC (+2) with Commerce and Accountancy

Duration : 3 Years

B.Com Computer Application

Year of Established : 2019

Entry Requirement : Pass in HSC (+2) with Commerce and Accountancy

Duration : 3 Years

M.Com PG

Year of Established : 2019

Entry Requirement : Pass in B.Com, B.Com CA,

Duration : 2 Years

The Department of Commerce promotes job creation and economic growth by ensuring fair trade, providing the data necessary to support commerce and constitutional democracy, and fostering innovation by setting standards and conducting foundational research and development. It embraces all those functions involved in the making, buying, selling and transport of goods. It is concerned with the distribution aspect of the business. It relies on the fact that everything is produced, must be consumed. In this way, 'commerce' comes into the picture, to facilitate effective and uninterrupted buying and selling of goods and services.

Commerce is the Equalize of the wealth of Nations

Higher Education

M.Com
M.Com (CA)
M.Com (IB) International Business
Chartered Accountancy
MBA Management
MSW
M.Phil / Ph.D

Career Prospects

Accounting / Auditing
Banking / Finance
Company Secretary
Business Accounting and Taxation
E-Commerce
Digital Marketing
Business Executive
Finance Controller
HR / Personnel Management
Insurance Analyst
Chartered Accountancy
Cost Accountant
Probationary Officer
Marketing & Sales Officer
Consultant in Stock Market
Export / Import Administrator