

## About the College

E.S. Arts and Science college is a Co-Educational Institution started in the academic year 2016-2017 by Shantha Trust. The Objective of the trust is to enable the college into an institution of excellence by providing quality education to the rural people and the first generation learners of the region to empower them and to make our nation socially and economically strong among the world nations. The premier institution is located within Villupuram Municipality limit. The college was started functioning from 4<sup>th</sup> July 2016 with five Undergraduate Courses B.A.,(English), B.Sc.,(Mathematics), B.Sc.,(Computer Science),B.Com.,(General) and B.Sc., (Physics), with 157 students. Within a period of three years, the college has grown to offer 13 Courses

## About the Department

The Department of Botany was established in 2017. Which offers a comprehensive professional training in the field of Botany. The Department blends the traditional subject with modern disciplines, namely Plant Biotechnology, Molecular Biology & Genetics, Plant Physiology, Biochemistry, Bio-informatics and Plant Pathology. The department is well equipped with laboratory to conduct experiments in Biochemistry, Plant tissue culture, Molecular Biology, Microbiology, Plant Physiology and with other fields of Biology. The department has well qualified faculty members.

The Department of Physics was established in the year 2016. The Department aims to provide quality education in Physics to make the students competent in all aspects with the help of the well qualified faculty members. The department has well-established and well-equipped laboratory for undergraduate and Allied courses. Our teaching and learning process involves classroom lectures, laboratory demonstrations, workshops, seminars, personality development and guest lecture from experts.

The Department of Mathematics established in the year 2016. The department has well qualified faculty members to impart best education to the students. The faculty members are also actively involved in research and carrying out projects. The students are provided with ample opportunities to improve their organizational skills and group dynamics.

The Department of Chemistry was established in 2017. The Department offers under graduate program leading to the degree, Bachelor of Science in Chemistry. A team of dedicated teachers with rich in experience in teaching accommodate the latest developments in the department. We reach the local community through outreach programs, to achieve goals of inclusion, equity and diversity.

The Department of Biotechnology is a 3-year undergraduate course, divided into six semesters that deal with the study of living organisms and biological systems, as well as the advanced technology involved in studying the same. Department enhances the knowledge base of students and creates research curiosity among students generating highly skilled human resource.

## Organizing Committee

### CHIEF PATRON



**Shri. S. Senthilkumar**

E.S Group of Institution  
Managed by ESSK Villupuram

### PATRON



**Dr. R. Muralidharan**

Principal  
E.S. Arts and Science College (Co-Ed)

## Organizing Secretaries

### Dr. C. Thirunavukarasu

Assistant Professor & Head  
Department of Physics

### Mr. S. Govindan

Assistant Professor & Head  
Department of  
Mathematics

### Mrs. A. Manneswari

Assistant Professor & Head  
Department of  
Botany & Biotechnology

### Mrs. K. Kalaiselvi

Assistant Professor & Head  
Department of  
Chemistry

## Organizing Members

### Dr.M.Boopathiyyanar

Assistant Professor  
Department of Botany

### Ms.A.Maria Prisilla

Assistant Professor  
Department of  
Biotechnology

### Mr.A.Praveen Rajesh

Assistant Professor  
Department of  
Botany

### Mrs.R.Dhivya

Assistant Professor  
Department of  
Mathematics

### Mr.M.Rajasekaran

Assistant Professor  
Department of  
Biotechnology

### Mrs.P.Enbarasi

Assistant Professor  
Department of  
Chemistry

Dr. C. Thirunavukarasu  
8072680614

Mr.S.Govindan  
9597770643



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

(Approved by Government of Tamil Nadu)

(Affiliated to Annamalai University &  
A Unit of ESSK Group of Institutions)

Villupuram - 605 401, TamilNadu, India

Phone : 04146 - 211779

Email id : esascvpm@gmail.com

## National Seminar

on

Recent Trends in Advanced Nano Materials and  
its Applications

(RTANMA - 2023)



27<sup>th</sup> October, 2023

Venue : Auditorium

Organized by  
Departments of  
Botany, Biotechnology  
Physics, Chemistry & Mathematics

### About the Resource Person:



**Dr. Miss. R. Mary Josephine**

'' óciátë-Órógë ' 'ór-ín-Áótáñy-+ -Géad'-Pétd»  
Mírín álá-ólléggë-pr-Ú óñ éñ-+óín cátorë

**Dr. Miss. R. Mary Josephine** Associate Professor in Botany & HoD (Retd) received her Ph.D. from Bharathiar University, Coimbatore, India in 1991. She has 15 years Experience of Research field and with her guidance 7 candidates have been awarded Ph.D and 16 M.Phil., candidates are produced. She worked for UGC Minor projects & UGC major projects area of Specialization Botany seed physiology, Biochemistry. She has published 47 Papers. International reputed journals and Published 2 Books.

### About the Seminar:

The aim of this National Seminar is to provide a platform for the Academicians, Researchers and Industrial Experts to share their Knowledge in the area of "Recent Trends in Advanced Nano Materials and its Applications". So as to enable the participants to develop their working knowledge in the next level

### Call for Papers:

Papers are invited on the following topics

- Photosynthesis
- Bioinformatics
- Thin film & Crystal Growth
- Nano Technology
- Solar Energy
- Fuzzy Mathematics
- Combinatorial mathematics

### Call for Abstracts

Abstracts mentioning the theme of the Seminar are invited for presentation. Abstracts should not exceed more than 300 words typed in MS word font size 12 in Times New Roman in single line space. The presenting author should be indicated by an asterisk. A soft copy should also be sent by e-mail to [esasbotany@gmail.com](mailto:esasbotany@gmail.com) on or before 20.10.2023

Note : Only Softcopy of Abstract book will be provided

### Important Dates

Last date for the submission of abstract : 25.10.2023  
Last date of the Registration : 26.10.2023  
Date of Seminar : 27.10.2023

### Venue:

Auditorium, E.S. Arts and Science College(Co-Ed)

### Registration Fee

Students : Rs. 300  
Faculty : Rs. 400

### Mode of Payment

Registration fee should be paid by DD / Online mode to the following account.

Bank Name & Branch	Indian Bank, Villupuram
Account Name	E.S. Arts & Science College (Co-Ed)
A/C Number	6327431229
IFSC Code	IDIB000V024

Payment Details to be sent to : [esasbotany@gmail.com](mailto:esasbotany@gmail.com)

## National Seminar

on  
Recent Trends in Advanced Nano Materials  
and its Applications  
(RTANMA - 2023)

### REGISTRATION FORM

Name :  
Department :  
Category : UG / PG /  
Research Scholar/ Faculty  
Address for  
Communication :  
Email ID :  
Mobile No :  
Mode of Presentation : Oral / Poster  
Title of the Paper :  
Payment Details  
(DD No./RTGS/NEFT)  
Name of the Bank :  
Amount :  
Place :  
Date :

Sign.of HOD/Principal

Sign.of Applicant