

DEPARTMENT OF BASIC SCIENCE AND HUMANITIES

ONLINE FACULTY DEVELOPMENT PROGRAMME

On

GREEN AND SUSTAINABILITY SCIENCE

SEPTEMBER 11-15, 2023

About the College :

SCMS School of Engineering and Technology (SSET) is envisaged as a premier institution offering technology related education of exceptional quality to students by developing their total personality with due emphasis on ethical values and preparing them to meet the growing challenges of the industry and diverse societal needs of the institution.

SSET, promoted by the SCMS Group of Educational Institutions, has been in the forefront of providing quality professional education in Engineering & Technology, since 2001. SSET has established state of art facilities on a sprawling 29 acre campus at Karukutty in Ernakulam district. SSET is the one among the first ten colleges to be set up in the state under the private self financing scheme. Right from the beginning SSET concentrated on providing quality education in a highly disciplined environment. This has paid rich dividends over the past years as is evident from the preference of students to join the College.

About the Department :

Basic Science and Humanities Department offers foundation courses in Engineering Mathematics, Physics, Chemistry and Environmental Chemistry. It also imparts training in life skills such as communication skills, soft skills and personality development skills so that the students can face the challenges of life with confidence.

The department has always taken initiative to mould the moral fiber of our students. Each discipline has its own lab with the latest equipment's and software. The department is equipped with competent and enthusiastic faculty ready to adapt themselves with the rapidly changing circumstances and environments and embrace new ideas in their respective disciplines to face the challenges posed by the educational system..

About the FDP:

The primary objective of the envisioned Faculty Development Programme (FDP) is to heighten the consciousness of faculty members, practicing engineers, and students about the core tenets underlying Green Sustainable Science. This initiative is designed to furnish participants with a comprehensive grasp of conscientious ecological practices and their seamless integration into diverse domains. For educators, the FDP offers a valuable avenue to assimilate these principles into their pedagogical approaches, nurturing a pervasive sustainability ethos within education. Practicing engineers will discover a platform within the FDP to investigate inventive and environmentally considerate strategies within their projects. All the participants will be endowed with knowledge and a perspective that empowers them to spearhead sustainability in their forthcoming pursuits. The overarching goal of these sessions is to trigger a ripple effect of favorable transformation across academic and professional realms, fostering a future that is not just greener but also more sustainable.

Accredited by



SSET SCMS School of
Engineering and Technology

Campus: Vidya Nagar, Karukutty, Ernakulam - 683576

Website: www.scmsgroup.org/sset Tel: 0484 2882900/0484 2450330

Day 1 : 11th September 2023.

10:00 am to 12:00 pm



Dr. Jiji Kumari T

Associate Professor & Head,
Dept. of Economics,

St. Pius X College, Rajapuram, Kerala

Green Economics

Day 4 : 14th September 2023.

1:30 pm to 3:30 pm



Ms. Nandini Menon

Geological Data Scientist, Imperial College
London, SRK Explorations, U.K.

**AI-Geospatial approach to
flood inundation mapping**

Day 2 : 12th September 2023.

10:00 am to 12:00 pm



Dr. Manoj Kumar B

Associate Professor,

Dept. of Automobile Engineering, SSET

**Electric vehicles for
sustainable future**

Day 5 : 15th September 2023.

10:00 am to 12:00 pm



Mr. Haroon S

Founder and Chairman,
Solwearth Ecotech, Kochi

**Waste management
for green future**

Day 3 : 13th September 2023.

1:30 pm to 3:30pm



Prof. Sailaja G S

Professor,

Dept. of Polymer Science and Rubber
Technology, CUSAT

Bio polymers

Day 5 : 15th September 2023.

1:30 pm to 3:30 pm



Dr. Deepa G Nair

Professor, Division of Civil Engineering,
School of Engineering, CUSAT.

**Green sustainable
construction**

Day 4 : 14th September 2023.

10:00 am to 12:00 pm



Dr. Sethulekshmi

Deputy Director,

SCMS Institute of Bioscience and
Biotechnology Research and Development

**Biotechnology for
green future**

Coordinators

Dr. Santhosh M V

Dr. Nuja M Unnikrishnan

Contact

Dr. Sreelekha Menon

9846061909



Registration link :

<https://forms.gle/v5FY96to8DdCB33v9>

Registration fees are detailed on the registration link
E-Certificate will be issued for all registered participants.