

# STUDENT PROJECT ORIENTATION PROGRAMME

# SPOP 2021

ON

29-09-2021, 30-09-2021 & 01-10-2021



Joint Venture of  
Departments of Civil Engineering



GOVERNMENT  
POLYTECHNIC COLLEGE  
CHELAKKARA



GOVERNMENT  
POLYTECHNIC COLLEGE  
PALAKKAD



MAHARAJA'S  
TECHNOLOGICAL INSTITUTE  
THRISSUR

## VISIONS OF CIVIL ENGINEERING DEPARTMENTS

### GOVERNMENT POLYTECHNIC COLLEGE CHELAKKARA



To be a leader in the field of Civil Engineering education that moulds competent civil engineers with social values and environmental concerns

### GOVERNMENT POLYTECHNIC COLLEGE PALAKKAD



To be a lead provider of quality and affordable technical education and to produce highly competent and productive entrepreneur in civil engineering

### MAHARAJA'S TECHNOLOGICAL INSTITUTE THRISSUR



To be a premier department in the field of Civil Engineering to serve society by moulding technically competent skill based professionals

## ABOUT THE PROGRAMME

Project is the culmination of any professional course, where the students will be equipped with knowledge, skill and confidence to take up any professional work. Student Project Orientation Programme (SPOP) is a joint venture of Civil Engineering Departments of GPTC Chelakkara, GPTC Palakkad and MTI Thrissur.

### Programme Objective

The programme aims to help the final year students of Polytechnic colleges to acquaint with various civil engineering problems of the society. Apart from introducing various methodologies to analyse and solve different types of problems, the event gives opportunity to interact with faculty and students of other polytechnic colleges.

### Expected Outcomes

Students will be able to

- Identify various civil engineering problems and scientifically state them.
- Select suitable methodologies and tools to solve the problem systematically.
- Present the solution as a technical report.

### Target audience

Final year civil engineering students of polytechnic colleges.

### Registration Details

Registration link : <https://forms.gle/uLPe7iWFAR7PsVia7>

Register before 26-09-2021 @ 05.00 PM

Programme will be conducted through SPOP 2021 Telegram group

Link for joining Telegram group : <https://t.me/joinchat/FMsSdFpiWYI5MTNl>

## PROGRAMME SCHEDULE

SESSION	PROGRAMME	TIME	RESOURCE PERSON
Day 1 (29-09-2021)			
	Inauguration	09:15 AM-10:00 AM	
	Overview of Project work	10:00 AM-10:30 AM	Dr. Anitha Jacob
Session 1	Transportation Engineering	10:45 AM-11:45 AM	Dr. Anitha Jacob
Session 2	Structural Design	02:00 PM-03:00 PM	Mr. Sreejith K S
Day 2 (30-09-2021)			
Session 3	Geotechnical Engineering	10:00 AM-11:00 AM	Mr. Sreedev M S
Session 4	Environmental Engineering	11:30 AM-12:30 PM	Ms. Rajalakshmy A
Session 5	Disaster Management	02:00 PM-03:00 PM	Ms. Hima M U
Day 3 (01-10-2021)			
Session 6	Construction Materials	10:00 AM-11:00 AM	Mr. Nassif Nazeer Thaikavil
Session 7	Interdisciplinary Projects	01:30 PM-02:30 PM	Mr. Unnikrishnan C S
	Valedictory function	02:30 PM-03:00 PM	