

Functional Materials Research Laboratory (FMRL),  
DEPARTMENT OF HUMANITIES & SCIENCES (PHYSICS)

in association with **MASTEK**

# WEBINAR ON **PROJECT DEEP BLUE** – Season 9

19th & 20th of October 2023



Sri

# SAIRAM ENGINEERING COLLEGE INSTITUTE OF TECHNOLOGY



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Sai Leo Nagar, West Tambaram, Chennai - 600 044.

## **ABOUT THE PROGRAM**

A pioneer in transforming the landscape of information technology in India, Mastek is home to forward-thinkers & change makers who challenge the status quo every day. Over the last 30 years, Mastek has truly grown by staying true to motto of 'making a valuable difference' through its contributions towards the society.

So, in the spirit of Mastek's values & Ideas, Project Deep Blue was conceptualized as an opportunity for young technology students to create an impact on society, solve real-life problems & better the life of our fellow citizens.

The nomenclature of the competition "Deep Blue" signifies the willingness to dive into a problem, the determination to get to the bottom of the issue & the drive to find a solution. Because, after all, pearls are found only when we dive deep into the sea!

## **WHO CAN ATTEND?**

It is an opportunity for the engineering students of IT, CSE, AI-ML, AI-DS, IoT and other software related courses to solve the real-life problems in the society.

It is wonderful platform for the students to test their technical acumen under the mentorship of industry veterans from Mastek.

## **ABOUT FUNCTIONAL MATERIALS RESEARCH LABORATORY (FMRL)**

### **Department of Physics (H&S)**

"Designing multifunctional materials for an efficient optical, electrical, magnetic, energy storage, photovoltaic and biological applications"

Functional Materials Research Laboratory (FMRL) was established in June 2021 at Sri Sairam Engineering College, Chennai to promote innovation and to build up Functional Materials. Functional materials are a group of engineered and advanced materials such as Molecular crystals, Semiconductors, Polymers and Nanomaterials that are synthesized and designed for some unique function with tailor-made properties. The research on their characterization will give significant contribution for future technologies.

Therefore our research work mainly focuses on the Nanomaterials, Thermoelectric, Photovoltaics, Crystal growth, Ceramics, Polymers, Optical materials, Magnetic materials, Mechanical shock wave treatment and Biomaterials. The FMRL centre gains more consideration due to its diverse field of research with large volume of publications in functional materials. The Prime Goal of FMRL is to develop unique materials for various optical, electronic and magnetic devices.



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*Cordially invites you for a*

## WEBINAR ON PROJECT DEEP BLUE – Season 9

19.10.2023 & 20.10.2023 | VRR Hall

*Resource Person*



**Mr. Swapnil Pawar**

Sr. Software Engineer  
(Technology & Innovation),  
MASTEK, Mumbai

Dr. S. Ramakrishnan  
Prof. & Head, H&S

Dr. C. R. Rene Robin  
Dean (Innovation)

Dr. K. Palanikumar  
Principal / SIT

Dr. K. Porkumaran  
Principal / SEC

Dr. Sai Prakash LeoMuthu  
Chairman & CEO



## ORGANIZING COMMITTEE



**Dr. N. Sivakumar**  
Co-ordinator

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