REGISTRATION DETAILS

To register for the workshop, Kindly fill the form at

https://tinyurl.com/yybv792s
Registration confirmation will be sent by email.
Payment Details (NEFT / IMPS Transfer)
Bank : City Union Bank, Tambaram Branch
 Acc. Name: SWEA
Acc. No :117001001916247
IFSC Code : CIUB0000117

Registration Fee:

IET/IEEE Members	:	Rs.600/–
Non IET Members	:	Rs.750/–

Last Day of Registration: 15 September, 2019

Note: The Registration fee includes the Workshop Kit, lunch and refreshments. The number of seats is limited and the participants will be chosen on first–come–first–served basis.
*No TA/DA will be given.

Address for Communication

The Convenor,
NWWADR'19
Department of Software Engineering,
SRM Institute of Science and Technology,
Kattankulathur, Kancheepuram (Dt.)
Tamil Nadu, India, Pin: 603203.
Ph: 044 – 27417838

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SRM
INSTITUTE OF SCIENCE & TECHNOLOGY
(Deemed to be University u/s 3 of UGC Act, 1956)

National Workshop On Web Application Development Using ReactJS

NWWADR' 19

on

26 & 27 September 2019

Organized by:

WE
EMPOWERING THOUGHTS

Department of Software Engineering
Faculty of Engineering and Technology
SRM Institute of Science and Technology, Kattankulathur

In Association With

IET
The Institution of Engineering and Technology

IEEE SRM
STUDENT BRANCH

Venue
University Building, Room No. 1209
SRM Institue of Science and Technology,
Kattankulathur – 603 203.

About the SRM Institute of Science and Technology (Formerly Known as SRM University)

SRM Institute of Science & Technology is one of the top–ranking universities in India with over 52,000 students and more than 3,200 faculty across all the campus, offering a wide range of undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine & Health sciences, Science & Humanities, Pharmacy, Law and Agriculture.

About Our Department

The prime focus of the Software Engineering department is enhancing the students extend and strengthen the ability to develop and sustain the transformative system of tomorrow. The activities of the department are determined to create future leaders and trendsetters for the next generation. Our department offers a comprehensive undergraduate course curriculum that prepares students to be leaders in software engineering. Department of Software Engineering started offering UG courses from 2008 onwards. Well qualified and experienced faculties form a backbone of the department. Resource person from various industries is invited to deliver guest lectures and seminars on related topics in the curriculum. The department of software engineering provides R&D to both faculties and students in the research domain such as Computer Vision, Software Process & Engineering, Network System & Services and Computing Technologies. Software engineering process group has a strong focus on theory and tools for maintaining the consistency between models and code. This includes all aspects related to the requirement engineering, software process, verification and validation, software management and empirical software engineering research methods.

About The Workshop

A career in Web application development can prove every bit as rewarding and much more fun! Also it improves the job prospects of students and get an edge over the counterparts.

This two days' workshop on Web Application Development is based on a modern web technology ReactJS for building user interfaces. It is maintained by Facebook and a community of individual developers and companies. React can be used as base in development of single–page or mobile application, as it is optimal for fetching rapidly changing data that needs to be recorded. This workshop will focus on the basics of ReactJS, React Components, React Internals and the Component Inter communication. Mini project will be given to the participant at the end of this workshop to evaluate the outcome it.

Target Participants

The college students seeking career in the web application development, faculties, staff and the industry person who want to learn the latest web development framework from the scratch can attend the workshop.

Contact Persons

Mr. S. Kaliraj, Asst. Professor/SWE (8015521977)
Ms. A. Maria Nancy, Asst. Professor/SWE (9600922383)
E–mail : nwwadr19@srmist.edu.in

Resource Person:

Mr. Venkatakrishnan. B
- Technical Director of DirectionsonIT Chennai (DOIT) since 2001. (20 + Year of Experience)
- Have trained employees of more than 120 companies in India, Middle East and South East Asia including Microsoft Dubai, Microsoft Hyderabad.

- Technical guidance to the software development organization since 2001.

Topics Covered:

Session 1: (Theory)
- Introduction to ReactJS
- History of front end libraries
- Motivation for using React
- Key differentiators (Virtual DOM, One way binding)
- Thinking in React

Session 2: (Hands on)
- React Components
- React component
- Render function
- Component API
- Component lifecycle
- State
- Props
- Mixins
- JSX

Session 3: (Hands on)
- React internals
- Reconciliation algorithm

Session 4: (Hands on)
- Component inter communication
- Component composition
- Pass data from parent to child
- Pass data from child to parent
- Mini Project