## **Activity Report**

# Name of the Activity: Six days Online AICTE SPONSORED STP on "Vehicle Techniques with OPAL-RT Solutions" from 20<sup>th</sup> – 25<sup>th</sup> Dec, 2021.

Name of department/ Section/ cell conducting the activity	Department of Electrical Engineering
In coordination with (if any)	OPAL-RT Solutions
Date of conduct	20th – 25th Dec, 2021
Activity Coordinator	Dr Shakuntla, Mr Nitin Goel Assistant Professor, Department of Electrical Engg. JCBUST, YMCA, Faridabad
Amount Spent	Rs 93, 000/
Funding/ grant from (University/ Industry/ UGC/ AICTE/ DST/ TEQIP/ Outside Society/ agency/others (mention)	Department fund
Target audience:	Undergraduate/Postgraduate students, Research Scholars and Faculty from different Engineering Institutes/Universities, academic institutions, industries
No. of beneficiaries	More than 60
Outside guests/ Details of Experts	Dr. Sreedhar Medichetty, Prof. N.P Padhy, Prof. Hariom Bansal, Dr. Srinivasa Reddy, Mr. Srujan Attaluri, Prof. Sukumar Mishra, Prof. Bhim Singh, Mr. Ravi Teja, Mr. Gagan Puri, Mr. Sai Teja
Brief Description of the event	This STTP covers the entire spectrum of design, technology and analysis involved in the electric vehicle development cycle. It aims to deliver the right tools and skills for EV Systems Modelling and simulation that includes EV technology, operations, battery systems and functions, power train systems and components for better simulation and modelling using OPAL-RT hardware and simulator. The training will be a combination of presentation, demonstration and hands-on sessions under the guidance of resource persons from renowned speakers from IITs, other renowned institutes and industry-expert instructors.

### Attach Brochure of the event

#### ABOUT THE DEPARTMENT

PROGRAMME CHAIR

## J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY, YMCA, FARIDABAD HAK? Yorka Kendind Sutto Kort Luivinnity (Stabilished by Huryen State Legidativ Ac H. 21 of 200). Receitably U.G. VII (Jand 120) of U.G. Act 196) HH-2, SECTOR, AUMERIA ROLF ANDRIBOL MARVAN-12100 IN ASSOCIATION WITH DPAL-RT 🕵 joboseust.ac.in 🎯 🗊 /JCB oseUST

zed by

DEPARTMENT OF ELECTRICAL ENGINEERING

٢

۲

AICTE Sponsored

WITH OPAL RT SOLUTIONS"

(20.12.2021 - 25.12.2021)

ABOUT J.C. BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY YMCA, FARIDABAD

ERIDABEAD J.C. Bose University of Science and Technology YMCA, Fraidabat (formetry YMCAUST, Fraiddauf) has been in existence for the past 48 years and consistently been conditioned to the past 48 years and consistently been predicting to the past 48 years and consistently been predicting to the past 48 years and consistently been presenting ability to the chical statumation of the past tamble beginning as a port diplomainstitution and finnons for generating ability to the chical statumation of the source of diversified areas of Science AT various levels by the agencies like UKC (grant of 12B status), accredition (NAAC to University has been recognized at various levels by the agencies like UKC (grant of 12B status), accredition (NAAC Degree courses in Electronics and Communication Eng. Instrumentation and Control Eng., Computer Eng., addroid to tackody, Betchie Eng., Medanical Engs addroid to tackody, Betchie Eng., Medanical Engs addroid to tackody, Betchie Eng., Medanical Engs addroid to tackody, Betchie Engs, Medanical Engs addroid to tackody, Betchie Beng, Medanical Engs bistery i.e. BBA, MBA, BCA, MCA, M Ech, BSc, MSc. Marc Commension and Benging and Beng Science and Science and

history i.e. BBA, MBA, BCA, MCA, M Tech, BSc, MSc, (Mysic, Maths, Chemistryk Environmental Sciences), MA. (Masc Communication and Journalism) and PAD in various disciplines. Moving abcad on the path of excellence, the University is ready to effectively take up the forthcoming challenges in diversified domains. To accomplish this, new courses are being added and new facilities are being developed on continuous basis. Inculucition of chical and moral values among youth is one of our prime concerns.





attach two/ three good quality photographs	Image: Section of the section of th
	<complex-block><complex-block></complex-block></complex-block>
Attach certificate of the event	Image: Status of the status
Any other information	NA