

IGNITE 2022



A DAILY NEWSLETTER

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WEBINAR

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DEPARTMENT OF MECHATRONICS ENGINEERING COUNSELLING CODE **1316**

conduct **WEBINAR** on **INSTITUTION'S INNOVATION COUNCIL**

"SESSION DISCUSSION WITH INNOVATION AND START-UP ECOSYSTEM ENABLER"

12.08.2022
11am to 12 noon

Guest :
DANIEL DURAIRAJ S
Founder, CEO SWAP
Trainings and Technologies

Department IC Coordinator: **Dr. Jayesh Chordiya** AP/Mnt
Dr. R. PANDIYARAJAN HOD/Mnt
Entrepreneurship Development Cell Incharge: **Dr. Ishwarya M.V** AP/CSE
Dr. SRINIVASAN ALAVANDAR Principal/WACT

please find the meeting link: meet.google.com/ttg-oor-siz



Department of Mechatronics Engineering has organized a Webinar on **Session Discussion with Innovation and Start-up Ecosystem Enabler** on 12th August 2022. Mr. **Daniel Durairaj, Founder & CEO SWAP Training and Technologies** was the Resource Person.

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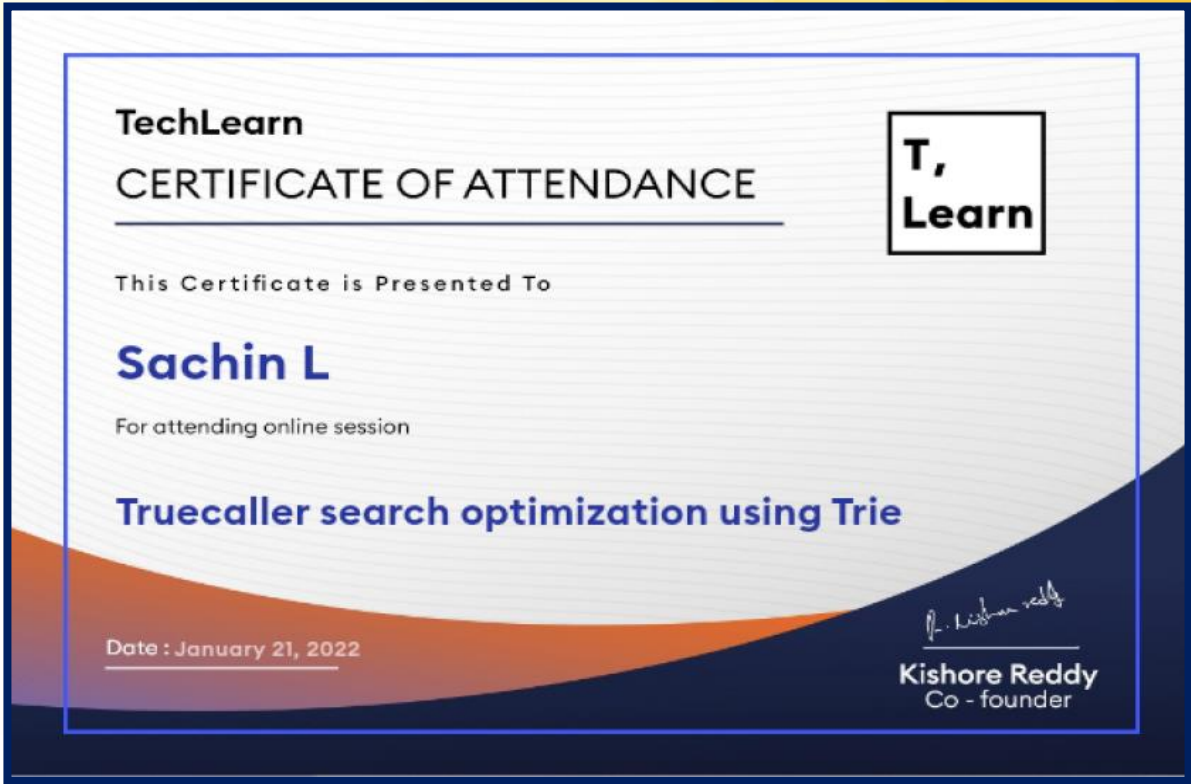


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STUDENT ACTIVITY



Mr. Sachin L, III year student, Department of Information Technology has attended the online session on **Truecaller Search Optimization Using Trie** on 21st January 2022 offered by **TechLearn**.

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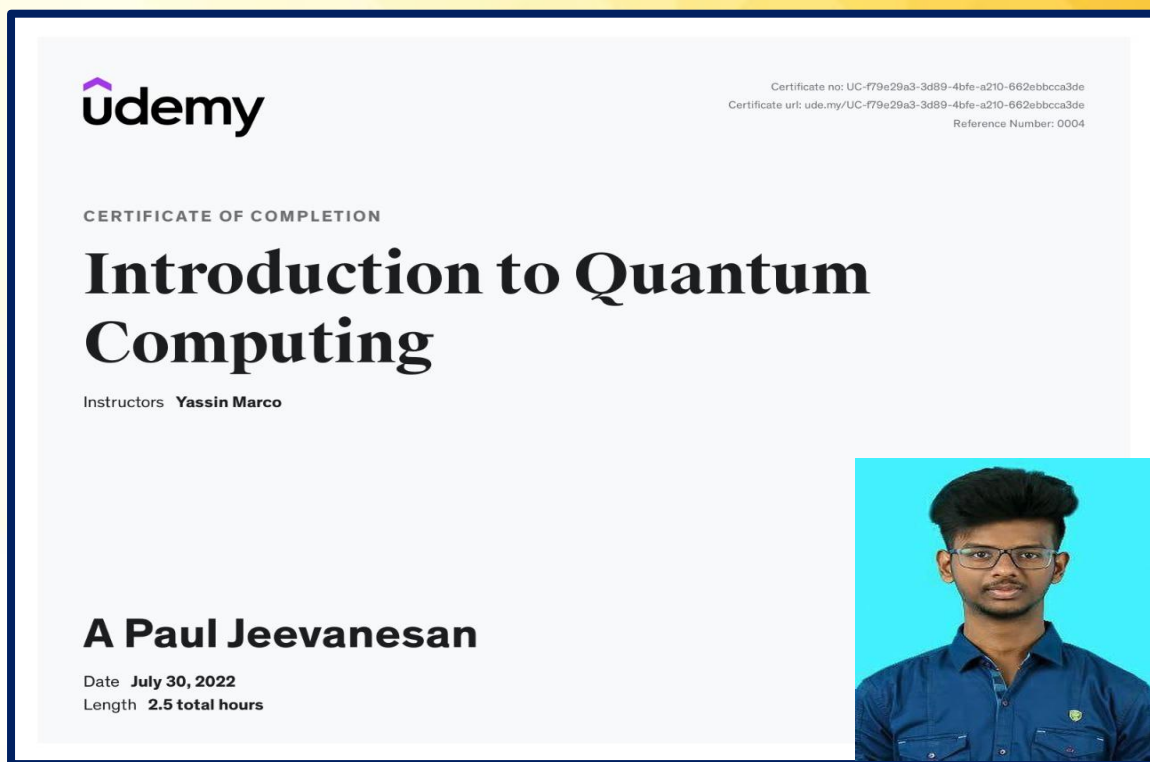


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STUDENT ACHIEVEMENT



A Paul Jeevanesan, III year student, Department of Mechanical & Automation Engineering has completed the online certificate course on **Introduction to Quantum Computing** certified by **Udemy** on 30th July 2022.

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FACULTY PARTICIPATION



Mr. T. Vivek, AP, Department of Mechatronics Engineering has participated in the one week online short term course on **Advanced Control Systems and Experiments (ACSE – 2022)** organized by NIIT Kurukshetra from 18th July to 23rd July 2022.

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FACULTY PARTICIPATION



Mrs. Radhika Somakumar and Mr. Aruloli K, Assistant Professors, Department of Electrical and Electronics Engineering have participated in the short – Term course on **Emerging Trends in Power and Energy Systems** organized by the National Institute of Technology, Delhi from 26th to 31st July 2022.

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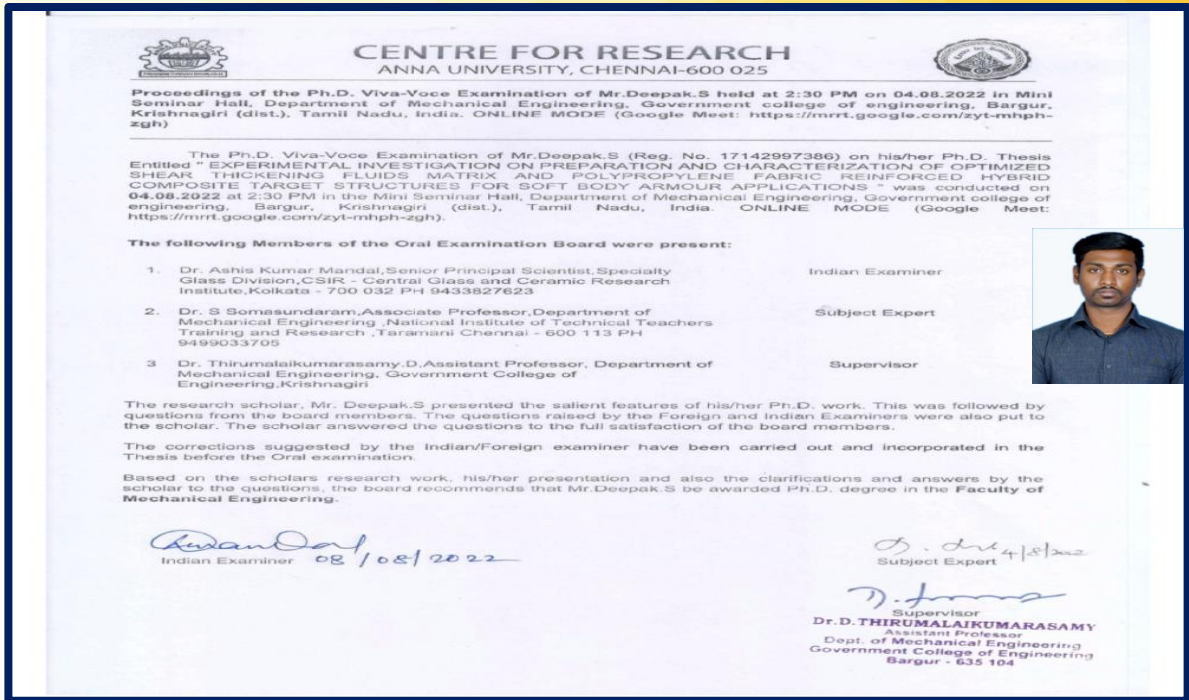


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FACULTY VIVA VOCE



Mr. Deepak Sampathkumar, Assistant Professor, Department of Mechanical & Automation Engineering has successfully completed the **Ph.D. Viva Voce** Examination held at Mini Conference Hall, Department of Mechanical Engineering, Government College of Engineering, Bargur, on 4th August 2022.

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FACULTY PUBLICATION

IOP Publishing *Surf. Topogr.: Metrol. Prop.* **10** (2022) 035010 <https://doi.org/10.1088/2051-9761/abf111>

Surface Topography: Metrology and Properties

PAPER

Electrochemical corrosion performance of friction stir processed cold spray metal matrix composite coatings on AZ31B magnesium alloy under sodium chloride environment

Ashokkumar Mohankumar^{1,*}, Thirumalaikumarasamy Duraisamy¹, Deepak Sampathkumar² and Tushar Sonar³

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² Department of Mechanical and Automation Engineering, Agni College of Technology, Thalambur, Chennai-600130, Tamil Nadu, India
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Keywords: magnesium alloy, surface modification, cold spray, MMC coatings, corrosion

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19 July 2022

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21 July 2022

PUBLISHED
29 July 2022



Dr. Deepak Sampathkumar, Assistant Professor, Department of Mechanical & Automation Engineering has published a paper on **Electrochemical Corrosion Performance of Friction Stir Processed Cold Spray Metal Matrix Composite Coatings on AZ31B Magnesium Alloy under Sodium Chloride Environment Surface Topography: Metrology and Properties (2022)**, IOP Publishing Ltd, in the Web of Science Journal –SCI, Impact Factor: 2.185 on 29th July 2022.

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