

सीएसआर-केंद्रीय विद्युतरसायन अनुसंधान संस्थान

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)

कारैकुडी-630003, तमिलनाडु, भारत

CSIR-Central Electrochemical Research Institute

(Council of Scientific & Industrial Research)

Karaikudi-630003, Tamil Nadu, India



कौशल विकास प्रशिक्षण कार्यक्रम (2025 - 2026) SKILL DEVELOPMENT TRAINING CALENDAR (2025 - 2026)



| SL. NO. | TITLE OF THE COURSE | DURATION | QUALIFICATION |
|---------|---|-------------------------------|---|
| 1 | Surface coatings for value added products viz. Decorative and functional applications Dr. B. Subramanian Dr. G. Sreedhar | 21.04.2025 - 25.04.2025 | 10 th /12 th pass or fail/ ITI/ Polytechnic/ Diploma pass or fail or Bachelor Degree in Science or Engineering sciences |
| 2 | Corrosion protection technologies for construction of buildings and structures Dr. J. Daniel R. Joseph Dr. M. Ashok | 05.05.2025 - 09.05.2025 | BE (Civil) or ME (Structural Engineering) |
| 3 | Basics of high-resolution imaging techniques and their applications to Science & Technology Er. A. Rathish Kumar Mr. R. Ravishankar | 19.05.2025 - 23.05.2025 | B.Sc., /M.Sc., /Ph.D. in Science or Engineering |
| 4 | Artificial Intelligence by using Microcontrollers Er. Thipperudraswamy Dr. A. Pandiaraj | 26.05.2025 - 30.05.2025 | BE/B.Tech (ECE, EEE, Instrumentation, CSE), M.Sc., (Electronics) |
| 5 | Electroplating and metal finishing Dr. N. Rajasekaran Dr. C. Jeyabharathi | 09.06.2025 - 13.06.2025 | 10 th /12 th pass or fail/ ITI/Polytechnic/Diploma pass or fail |
| 6 | Paints and coatings for corrosion protection Dr. C. Arunchandran Er. R. Jeyaram | 16.06.2025 - 20.06.2025 | 10 th /12 th pass or fail/ ITI/Polytechnic/Diploma pass or fail/ Bachelor Degree |
| 7 | Electro-analytical techniques for (Electro) catalytic and (Bio) sensing applications Dr. V. Ganesh Dr. C. Suresh | 23.06.2025 - 27.06.2025 | Bachelor Degree in Science or Engineering sciences |
| 8 | Chromatography and spectroscopy Mr. V. Saravanakumar Mr. T. Muruganandan | 30.06.2025 - 04.07.2025 | Bachelor Degree in Chemistry, Biotechnology, Biomedical/ Biochemistry, Pharmacy or Engineering sciences |
| 9 | Cathodic protection and pipeline corrosion Ms. R. Monika Dr. S.M. Ganesan | 07.07.2025 - 11.07.2025 | ITI/Polytechnic/Diploma pass or fail |
| 10 | Photolithography based micro-fabrication of sensors Dr. P. Tamilarasan Dr. V. Murugan | 04.08.2025 - 08.08.2025 | Bachelor Degree in Science or Engineering sciences |

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|---------|--|-------------------------------|---|
| 11 | Electrochemical power systems: Lithium-ion battery: Science and Technology Dr. M. Sathish Dr. (Mrs.) Aiswarya Bhaskar | 18.08.2025 - 22.08.2025 | Master/ Bachelor Degree in Science or Engineering sciences |
| 12 | Electro organic synthesis-Fundamentals and Industrial Processes Dr. V. Suryanarayanan Dr. M. Kathiresan | 08.09.2025 - 12.09.2025 | Bachelor Degree in Science or Engineering sciences |
| 13 | Operation and maintenance of analytical instruments Mrs. K. Andal Er. V. Prabu | 15.09.2025 - 19.09.2025 | Bachelor Degree in Science or Engineering sciences |
| 14 | Solar energy conversion technologies: Fundamentals and hands-on training Dr. A. Pandikumar Dr. A. Palaniappan | 06.10.2025 - 10.10.2025 | Master Degree in Science (preferably in Physics, Chemistry, Material Science/ Nano Technology) |
| 15 | Additive manufacturing: A technology of rapid customization Dr. Deepak K. Pattanayak Dr. Srinivasan Perumal Dr. V. Ravibabu | 13.10.2025 - 17.10.2025 | Diploma in Mechanical/ Metallurgical/ Additive Manufacturing or BE/ B.Tech/ PhD Scholars of Mechanical/ Metallurgy/ Biomedical/Materials Science, Biotechnology Engineering |
| 16 | Bio corrosion and biofouling in industries Dr. Poonam Singh Dr. S.M. Ganesan | 17.11.2025 - 21.11.2025 | Bachelor Degree in Science or Engineering sciences |
| 17 | Electrochemical power systems- Lead-acid battery: Care and maintenance Dr. Sundar Mayavan Er. P. Seenichamy | 24.11.2025 - 28.11.2025 | 10 th /12 th pass or fail/ ITI/Polytechnic/Diploma pass or fail or Bachelor Degree in Science or Engineering sciences |
| 18 | Biosensor: Design and applications Dr. K. Giribabu Dr. M. Pandiaraj | 01.12.2025 - 05.12.2025 | Bachelor Degree in Science or Engineering sciences |
| 19 | Solar energy technologies: Fundamentals to device fabrication Dr. A. Pandikumar Dr. P. Murugan | 15.12.2025 - 19.12.2025 | Master Degree in Science (preferably in Physics, Chemistry, Material Science/ Nano Technology) |

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| 20 | Recovery and recycling of end of life solar PV panels/modules Dr. A. Palaniappan Dr. A. Pandikumar | 19.01.2026 - 23.01.2026 | Diploma in Mechanical/EEE |
| 21 | Materials characterization using XRD, XPS, EDS & EBSD techniques Mr. K. Ranjithkumar Mr. Dhanikella Vara Prasad | 02.02.2026 - 06.02.2026 | Master Degree in Science (Physics, Chemistry, relevant to Materials Studies) |
| 22 | Surface coatings by physical and chemical methods for bio implants Dr. B. Subramanian Dr. G. Sreedhar | 09.02.2026 - 13.02.2026 | 10 th /12 th pass or fail/ ITI/ Polytechnic/ Diploma pass or fail or Bachelor Degree in Science or Engineering sciences |

Fee: The participation fee Rs. 500/- (Rupees five hundred only) per person for each of the above skill training programmes, which includes 18% GST. Application form with necessary details is available at <https://cecri.res.in/Academics/Trainingprogrammes.aspx>. Interested candidates may submit their duly filled application through online, well in advance (At least 7 days prior to the commencement of each training programme). The above training programmes will be conducted at CSIR-CECRI. Participation certificates will be issued to all the participants on completion of the respective training courses satisfactorily.

Accommodation: Shared accommodation (double/triple) will be arranged for trainees on request at CSIR-CECRI Campus, Karaikudi or @ RTC, Amaravathipudur on payment basis. The accommodation charges per person Rs.100/- (Rupees hundred only) per day will be collected at the time of check-out. Moreover, participants can make use of the CSIR-CECRI Departmental Canteen for food (breakfast and dinner) on payment basis.

Bank Details For Payment (e-transfer)

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|---------------------|------------------------|
| Name of the bank | Indian Bank |
| Branch Name | A.C. Campus, Karaikudi |
| Branch code | 00245 |
| Name of the Account | IRF-CECRI |
| Account Number | 737253625 |
| IFSC code | IDIB000A008 |
| PAN Number | AAATC2716R |
| GST Reg. Number | 33AAATC2716R2ZL |

For further enquiries:

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