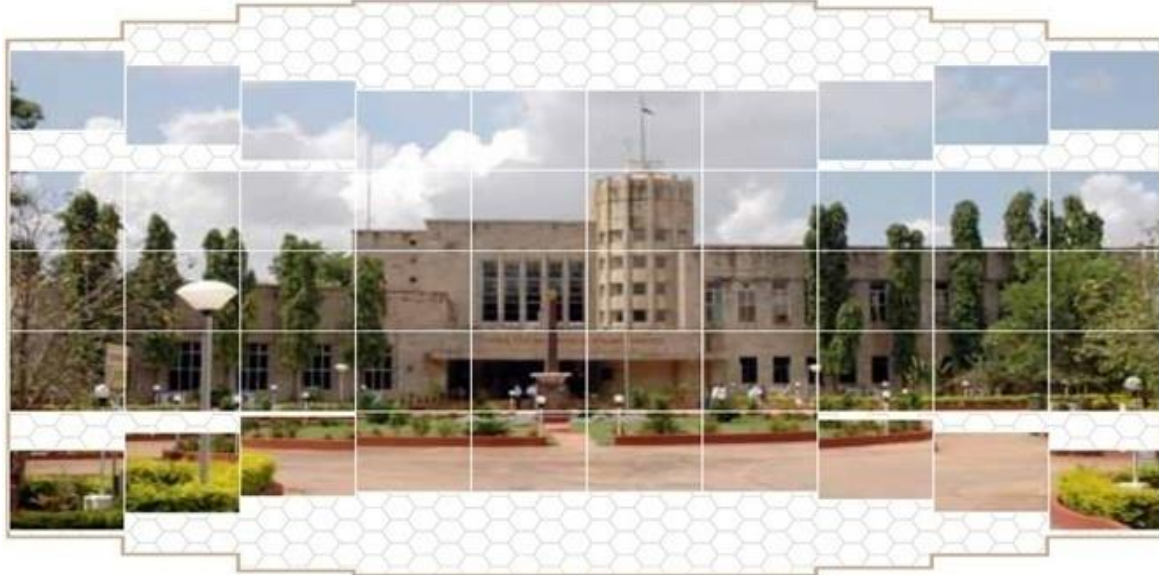




Under CSIR Integrated Skill Initiative
SKILL DEVELOPMENT TRAINING PROPOSED BY SKILL
DEVELOPMENT GROUP, CSIR-CECRI



उद्योग/ शिक्षाउन्मुखप्रौद्योगिकी / पुनश्चर्यापाठ्यक्रम
SKILL DEVELOPMENT TRAINING CALENDAR FOR 2020 - 2021
प्रशिक्षणकार्यक्रम 2020 - 2021



CSIR-CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE

(Council of Scientific & Industrial Research)

KARAIKUDI - 630003, TAMILNADU, INDIA

सीएसआईआर - केन्द्रीयविद्युतअनुसंधानसंस्थान

(वैज्ञानिकतथाऔद्योगिकअनुसंधानपरिषद)

कारैकुडी- 630003, तमिलनाडु, भारत

www.cecri.res.in

ONLINE SKILL DEVELOPMENT TRAINING PROGRAMME FOR- 2020- 2021

Fees: There is no participation fee and the online training is free of cost. The link for joining each programme will be provided to all the participants in the previous day of the training.

Sl. No.	Title of the course	Duration	Qualifications
1	Textile and tanneries: Waste water treatment technologies	One week 21-25 in December, 2020	ITI/Polytechnic/Diploma pass or fail
2	Waste-water treatment technologies	Two Week 21-30 in December, 2020	Bachelor Degree in Science or Engineering sciences
3	Operation and maintenance of analytical instruments	One Week 18-22 January, 2021	Bachelor Degree in Science or Engineering sciences
4	Bio-sensor: Design and application	One Week 18-22 January, 2021	Bachelor Degree in Science or Engineering sciences/Diploma
5	Electrochemical power systems: Lithium ion battery: science and technology	One Week 18-22 January, 2021	10th/12th pass or fail/ ITI/Polytechnic/Diploma pass or fail or
6	Electrochemical power systems: Lithium ion battery: science and technology	Two weeks 18-29 in January, 2021	Bachelor Degree in Science or Engineering sciences
7	Electro-analytical Techniques for (Electro) Catalytic and (Bio) Sensing Applications	One Week 25-29 January, 2021	Bachelor Degree in Science or Engineering sciences/ Diploma
8	Corrosion Protection technologies for construction of buildings & structures	One weeks 25 - 29 in January, 2021	ITI/Polytechnic/Diploma pass or fail
9	Electroplating and Metal Finishing	One weeks 8 -12 in February, 2021	ITI/Polytechnic/Diploma pass or fail
10	Industrial Corrosion problems and Preventive methods	One weeks 8 - 12 in February, 2021	10th/12th pass or fail/ ITI/Polytechnic/Diploma pass or fail
11	Paints and coatings for corrosion protection	One weeks 22-26 in March, 2021	ITI/Polytechnic/Diploma pass or fail
12	Civil construction practices [in carpentry, plumbing and waste water treatment (STP & RO plant operation)]	One Week 15-19 in March, 2021	ITI/Polytechnic/Diploma pass or fail
13	Electrochemical Power Systems- Lead Acid Battery: Care and maintenance	One Week 15-19 in March, 2021	10th/12th pass or fail/ ITI/Polytechnic/Diploma pass or fail or
14	Electrochemical Power Systems-Lead Acid Battery: Care and maintenance	Two weeks 15-26 in March, 2021	Bachelor Degree in Science or Engineering sciences

The training certificate will be issued after satisfactory completion of each programme.

Address for sending application forms and further inquiries:

In-charge
Skill Development Group (S&T)
CSIR-CECRI, Karaikudi - 630003 (TN)
Phone: 04565 - 241471/ 241521
Fax: 04565 - 227713/ 227779
E- mail: skill@cecri.res.in
For details please contact: Programme coordinator
Dr. S.M. Rajendran, Senior Principal Scientist Cell: +91-8675677493



सीएसआईआर-केन्द्रीय विद्युतरसायन अनुसंधान संस्थान
CSIR-CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् Council of Scientific & Industrial Research)
कारैकुडी-630 003, तमिलनाडु, भारत Karaikudi-630 003, Tamil Nadu, India

CSIR-CECRI

Touching Lives Through Electrochemistry.

Date: 15.10.2020

To

The Principal
Dr. Umayal Ramanathan College for Women
Karaikudi-630003

Dear Madam,

Greetings.....!!!

As per your request, we are glad to collaborate with Dr. Umayal Ramanathan College for Women, to provide Skill-oriented Certificate Courses to the students in online mode. The online skill development training programme for the academic year 2020 - 21 is annexed for your reference. Interested students can participate in the courses, by sending their application form and the necessary supporting documents on skill@cecri.res.in

The prime objective of the enlisted Skill-oriented Certificate Courses is to provide trainings to student's community for their skill upgradation and also to equip them with better technical and entrepreneurial skills.

Thanking You.

With Kind Regards,



(S. M. Rajendran)

डॉ. एस. एम. राजेंद्रन / Dr. S. M. RAJENDRAN
प्रमुख अन्वेषक / Principal Investigator
सीएसआईआर - एकीकृत कौशल पहल
CSIR - Integrated Skill Initiative
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CSIR - Central Electrochemical Research Institute
कारैकुडी - 630 003, तमिलनाडु - भारत
Karaikudi - 630 003, Tamilnadu - India

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director@cecri.res.in


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www.cecri.res.in

Dr.UmayalRamanathan College for Women, Karaikudi.
Accredited with B+ Grade by NAAC
Affiliated to Alagappa University
(Run by Dr.AlagappaChettiar Educational Trust)
Department of Biotechnology, Physics & Electronics and Communication
Circular 05.12.2020

- CSIR – CECERI is going to offer the following Skill Development Training Programmes for the Students.
- There is no participation fee and the online training is free of cost.
- The link for joining each Programme will be provided to all the participants in the previous day of the training.
- The training certificate will be issued after satisfactory completion of each programme.
- All the II & III year students are informed to register their names in any one of the course according to their interest.
- The application form is attached. Kindly fill it and attach the necessary documents
 - i) XII Mark Statement / Last Semester mark Statement
 - ii) Aadhar Card
 - iii) Fix your Photoand send the scanned copy to physics.urew@gmail.com
or submit the application to the respective class in charge

S. No.	Name of the Course	Duration
1.	Waste-water treatment technologies	<i>Two Week 21-30, December, 2020</i>
2.	Operation and maintenance of analytical instruments	<i>One Week 18-22, January, 2021</i>
3.	Bio-sensor: Design and application	<i>One Week 18-22, January, 2021</i>
4.	Electrochemical power systems: Lithium ion battery: science and Technology	<i>One Week 18-22, January, 2021</i>
5.	Electro-analytical Techniques for (Electro) Catalytic and (Bio) Sensing Applications	<i>One Week 25-29, January, 2021</i>
6.	Electroplating and Metal Finishing	<i>One week 8 -12, February, 2021</i>
7.	Paints and coatings for corrosion protection	<i>One week 22-26, March, 2021</i>


Head of the Department
Physics & EC


Head of the Department
Biotechnology



சி.எஸ்.ஐ.ஆர்.- மத்திய மின்வேதியியல் ஆய்வகம்
CSIR- CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE
காரைக்குடி / KARAIKUDI – 630 003
பயிற்சி பிரிவுகள் / Training Courses



விண்ணப்பப் படிவம்
Application Form

உங்களது தகுதிக்கான பயிற்சி பாடப்பிரிவினை தேர்வு செய்ய அதற்கான கட்டத்தில் [✓] செய்யவும்.
Select your qualified training course please put [✓] mark in the appropriate column.

வரிசை எண் Sl. No.	பயிற்சி பாடப்பிரிவின் பெயர் Name of the training course	குறியீடு [✓]
1		

- விண்ணப்பதாரரின் பெயர் :
Name of the Applicant :
- தந்தை / கணவரின் பெயர் :
Father / Husband's Name :
- பாலினம் / Gender :
- பிறந்த தேதி மற்றும் வயது :
Date of Birth & Age (as on 01.07.2019)
- ஆதார் எண் / Aadhaar ID No. :
நகல் இணைக்கவும் / Attach copy
- அஞ்சல் முகவரி / Postal Address: நிலையான முகவரி / Permanent Address:

Affix your
recent
passport
size
photograph

- அஞ்சல் எண் / Pincode:
கைபேசி எண் / Mobile No.:
- அஞ்சல் எண் / Pincode:
மின்னஞ்சல் / Email id:
- குடியுரிமை / Nationality :
- திருமண நிலை / Marital Status :
திருமணம் ஆனவர் / ஆகாதவர்
Married / Unmarried
- வகுப்பு மற்றும் பிரிவு / Category :
நகல் இணைக்கவும் / Attach copy
FC / BC / MBC / DNC / SC / ST

10. கல்வித் தகுதி / Educational Qualification :

படிப்பு / Standard	பள்ளி / கல்லூரி பெயர் School / College Name	பாடங்கள் / Subjects	மதிப்பெண் சதவிகிதம் / % of Marks	படித்த ஆண்டு / Year of Study
எட்டாம் வகுப்பு 8 th Std.				
பத்தாம் வகுப்பு 10 th Std.				
பனிரெண்டாம் வகுப்பு 12 th Std.				
தொழிற்பயிற்சி ITI / Diploma				

11. நகல் இணைப்புகள் / List of Documents to be enclosed: (Xerox copies only)

- பத்தாம் வகுப்பு மதிப்பெண் சான்றிதழ் / Xth Std Mark statement
- பனிரெண்டாம் வகுப்பு மதிப்பெண் சான்றிதழ் / XIIth Std Mark statement
- பள்ளி மாற்றுச்சான்றிதழ் / School Transfer Certificate
- பட்டயச்சான்றிதழ் / Diploma Certificate
- சமூகச் சான்றிதழ் / Community Certificate
- அடையாள மற்றும் முகவரிச்சான்றிதழ் / ID & Address Proof
- ஆதார் / Aadhar ID

12. பிற விவரங்கள் / Any other information:

உறுதிமொழி / Declaration

மேற்குறிப்பிட்ட விவரங்கள் அனைத்தும் சரியானவை என்றும், தவறு ஏதேனும் இருப்பின் என்னுடைய விண்ணப்பம் நிராகரிக்கப்படுவதற்கு உட்படுவேன் என்றும் உறுதி கூறுகிறேன்.

I hereby declare that, all the particulars made in the application are true to the best of my knowledge and belief. In the event of any information being found false at any stage, my candidature is liable to be rejected.

இடம் / Place:

விண்ணப்பதாரரின் கையொப்பம்
Signature of the Applicant

தேதி / Date:


Dr. Umayal Ramanathan College for Women, Karaikudi
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 (Run by Dr. Alagappa Chettiar Educational Trust)

CSIR – CECRI – Skill Development Course Students' Enrollment

Course Title: Waste-water treatment technologies
Duration: 21st -30th, December, 2020 (Two Weeks)

S. No.	Register No.	Name of the Student	Class	Signature of the Student
1.	2919138023	Sriranjini S	II – B.Sc., Biotechnology	S. Srihari
2.	2919138018	Reshma Safrin L		L. Reshma Safrin
3.	2919138029	Swetha M		M. Swetha
4.	2919138026	Suruthi M		A. Suruthi
5.	2919138003	Biruntha S		S. Biruntha
6.	2919138008	Kiruthiga S		S. Kiruthiga
7.	2919138028	Susmitha S		S. Susmitha
8.	2919138011	Malavika S		S. Malavika
9.	2919138015	Poojakeerthy S		S. Poojakeerthy
10.	2919138019	Sabareeswari J		J. Sabareeswari
11.	2919138017	Ramya G		G. Ramya
12.	2919138025	Sumathi S		S. Sumathi
13.	2919327002	Ezhilarasi. M	II – M.Sc., Environmental Science	Ezhilarasi. M
14.	2919327001	Devayani.S		Devayani.S


 Staff in Charge

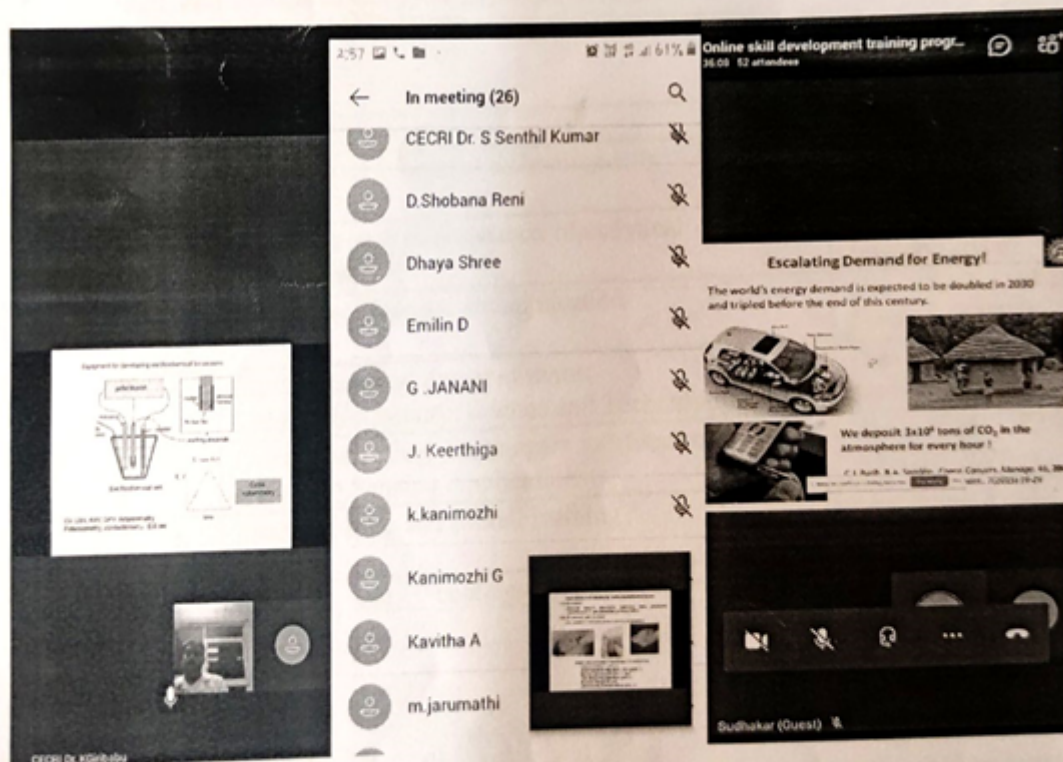
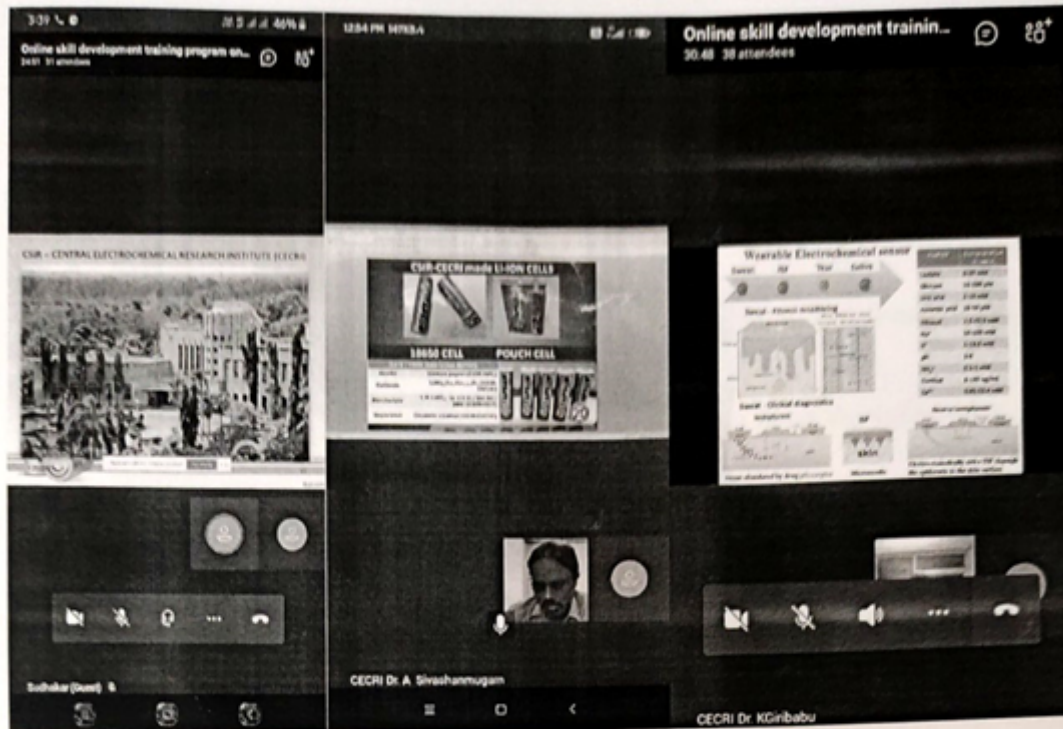

 Head of the Department
 (Bio - Technology)
 (Environmental Science)

Dr.UmayalRamanathan College for Women, Karaikudi.
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 (Run by Dr.AlagappaChettiar Educational Trust)
 Departments of Physics & Electronics and Communication and Biotechnology
Skill Training Course Report

- CSIR – CECERI offers a list Skill Development Training Programmes for the Students in online.
- Departments of Physics & Electronics and Communication and Biotechnology students are informed to attend the courses.
- Students attended the following courses and received the certificates

S. No.	Title of the Course	Duration	No. of students attended
1.	Waste Water Treatment Technologies	Two Week 21 - 30, December, 2020	14
2.	Operation and Maintenance of Analytical Instruments	One Week 18 - 22, January, 2021	30
3.	Bio-sensor: Design and Application	One Week 18 - 22, January, 2021	23
4.	Electrochemical Power Systems: Lithium Ion Battery: Science and Technology	One Week 18 - 22, January, 2021	8
5.	Electro-analytical Techniques for (Electro) Catalytic and (Bio) Sensing Applications	One Week 25 - 29, January, 2021	12
6.	Electroplating and Metal Finishing	One Week 8 - 12, February, 2021	11
7.	Paints and Coatings for Corrosion Protection	One Week 22 - 26, March, 2021	2
8.	Photolithography based Micro Fabrication of Sensors	One Week 17 - 21, May, 2021	40
9.	Surface Coatings for Value Added Products: Decorative and Functional Applications	One Week 3 - 7, May, 2021	7

- The sessions were brain storming and motivated the students towards higher education.
- Students gained lot of knowledge in the cutting edge technologies.
- These courses provide a platform for the students to know the nature of research going in the Central Research Institutes.



M. S. Senthil Kumar
 Head of the Department
 Physics & EC

S. Jayashan
 Principal

J. Senthil Kumar
 Head of the Department
 Biotechnology



CSIR-CECRI

Touching Lives Through Electrochemistry


सीएसआईआर-केन्द्रीय विद्युतरसायन अनुसंधान संस्थान
CSIR-CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद् Council of Scientific & Industrial Research)
कारैकुडी-630 003, तमिलनाडु, भारत Karaikudi-630 003, Tamil Nadu, India

Date:05. 01. 2021

Skill Development Training Programme (2020-2021)

The following students of Dr.Umayal Ramanathan College for Women, Karaikudi attended the online skill development training programme on "*Waste-water treatment technologies*" conducted at CSIR-CECRI, Karaikudi during December, 21-30, 2020 (Two Weeks) and the certificates were issued to the participants on their satisfactory completion of the programme.

S. No.	Name of the Student	Class
1.	Sriranjini S	II – B.Sc., Biotechnology
2.	Reshma Safrin L.	
3.	Swetha M	
4.	Suruthi M	
5.	Biruntha S	
6.	Kiruthiga S	
7.	Susmitha S	
8.	Malavika S	
9.	Poojakeerthy S	
10.	Sabareeswari J	
11.	Ramya G	
12.	Sumathi S	
13.	Ezhilarasi. M	II – M.Sc., Environmental Science
14.	Devayani.S	


डॉ. एस. एम. राजेन्द्रन / Dr. S. M. RAJENDRAN
प्रमुख अन्वेषक / Principal Investigator
सीएसआईआर - एकीकृत कौशल पहल
CSIR - Integrated Skill Initiative
सीएसआईआर - केन्द्रीय विद्युतरसायन अनुसंधान संस्थान
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कारैकुडी - 630 003, तमिलनाडु - भारत
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सीएसआईआर-केंद्रीय विद्युतरसायन अनुसंधान संस्थान
CSIR-Central Electrochemical Research Institute

कारैकुडी - 63003, तमिल नाडु Karaikudi - 630 003, Tamil Nadu



वर्चुअल
Virtual

कौशल विकास प्रशिक्षण कार्यक्रम
Skill Development Training Programme

(सीएसआईआर-एकीकृत कौशल पहल के तहत)
(Under CSIR Integrated Skill Initiative)

CERTIFICATE

This is to certify that **L. Reshma Safrin**

D/ o. S. Liakkath Ali Aadhaar No. **3222 0108 2322**

successfully completed Skill Development पहल Training Programme on
Waste - water Treatment Technologies

conducted through virtual mode by

CSIR-Central Electrochemical Research Institute, Karaikudi-630003

from **21.12.2020** to **31.12.2020**

Pooram

समन्वयक - तकनीकी
Coordinator
Technical

[Signature]

समन्वयक - नोडल
Coordinator
Nodal

[Signature]

निदेशक
Director
CSIR-CECRI