

CSIR - Central Glass & Ceramic Research Institute (CGCRI)

**One Week One Lab (OWOL)**

August 22-26, 2023

**1**  
**week**  
**One Lab**



**Shri Narendra Modi**  
Hon'ble PM of India  
President, CSIR



**Dr. Jitendra Singh**  
Hon'ble Minister (S&T)  
Vice President, CSIR



**Dr. N. Kalaiselvi**  
Director General CSIR &  
Secretary DSIR



**Dr. S. K. Mishra**  
Director  
CSIR-CGCRI

### About OWOL

With an aim of highlighting the scientific and technological connect of laboratories with multiple tiers of society, CSIR has initiated a unique 'One Week One Lab' programme that was launched by Dr Jitendra Singh, Hon'ble Minister of S&T and Vice President of CSIR. CSIR-CGCRI is celebrating its One Week One Lab (OWOL) during August 22 – 26, 2023.

### About CSIR-CGCRI

"Established in August 26, 1950, CSIR-CGCRI has contributed significantly in the domain of Materials Science & Engineering in the area of Glass & Ceramics in particular for the growth of the nation. CSIR-CGCRI along with its two outreach centres Naroda, Gujarat, and Khurja, UP, has a deep connect with societal stakeholders and has developed highly skilled scientific human resources through doctoral & other programs."

**Day 1 ( Aug 22 2023 ) : Inauguration and Industry Meet**

**Day 2 ( Aug 23 2023 ) : University and College Connect**

**Day 3 ( Aug 24 2023 ) : Open Day & Societal Connect**

**Day 4 ( Aug 25 2023 ) : School Connect through Jigyasa**

**Day 5 ( Aug 26 2023 ) : Foundation Day and Valediction**



**CSIR-Central Glass & Ceramic Research Institute (CGCRI)**

Kolkata - 700 032, West Bengal

[www.cgcri.res.in](http://www.cgcri.res.in)

**Naroda Outreach Centre**  
Ahmedabad - 382 330, Gujarat

**Khurja Outreach Centre**  
Khurja - 203 131, Uttar Pradesh



August 22, 2023

**OWOL CURTAIN RAISER**

TIME	PROGRAMME
10.00 – 10.05	Lighting of the lamp and Invocation
10.05 – 10.15	Welcome Address by Dr. (Mrs.) Suman K. Mishra, Director, CSIR- CGCRI, Kolkata
10.15 – 10.20	Address by Guest of Honour, Dr. Ranjana Aggarwal, Director, CSIR-NIScPR, New Delhi
10.20 – 10.25	Address by Guest of Honour, Dr. Arun Bandyopadhyay, Director, CSIR-IICB, Kolkata
10.25 – 10.30	Address by Guest of Honour, Dr. Debashish Bhattacharjee, Vice President, Technology and R&D, Tata Steel Limited, Kolkata
10.30 – 10.35	Introduction of Chief Guest by Mr. Sitendu Mandal, Chief Scientist & Head, Specialty Glass Division and Chairman, OWOL Programme, CSIR- CGCRI, Kolkata
10.35 – 10.55	Inaugural Address by Chief Guest, Dr. Ranjan Sen, Director, Indian Association for the Cultivation of Science (IACS), Kolkata
10.55 – 11.00	Felicitation to the Dignitaries by Director, CSIR-CGCRI
11.00 – 11.05	Vote of Thanks by Dr. Debashis Bandyopadhyay, Chief Scientist, CSIR-CGCRI
11.05	National Anthem

August 22, 2023

[Youtube Live Stream](#)**INDUSTRY MEET**

TIME	PROGRAMME SCHEDULE
11.15 – 11.20	Welcome Address Dr. Suman Kumari Mishra, Director, CSIR-CGCRI
11.20 – 11.25	Address by Chief Guest, Sri Sanjay Kumar Das, MD, WEBEL, Govt. of West Bengal
11.25 – 11.35	Address by Guest of Honour, Dr. Ranjana Aggarwal, Director, CSIR-NIScPR
11.35 – 11.55	Special Guest lecture by Dr. Debashish Bhattacharjee, Vice President, Technology and R&D, Tata Steel Limited
11.55 – 12.10	Introduction by the Industry representatives
12.10 – 12.30	Overview of CSIR-CGCRI activities by Dr. Somnath Bandyopadhyay, Chief Scientist, CSIR-CGCRI
12.30 – 13.15	Selected presentation by Industry representatives
13.15 – 14.00	Open discussion
14.00 – 14.30	Lunch break
14.45 – 16.00	Visit to different Divisions in groups by interested Industries
16.00	Dispersal

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**August 23, 2023**

## CONNECTING AND CREATING FUTURE LEADERS

PROGRAMME SCHEDULE	TIME
Registration Inauguration (M.N. Saha Auditorium)	09.30 – 10.00
Lamp lighting and Saraswati Vandana	10.00 – 10.05
Welcome Remarks by Dr.(Mrs.) Suman K Mishra, Director, CSIR-CGCRI	10.05 – 10.15
Address by Chief Guest Prof. Parthasarathi Chakrabarti, Director, IEST, Shibpur	10.15 – 10.35
Address by Guest of Honour Prof. Arvind Kumar Mishra, Director, CSIR-CIMFR, Dhanbad	10.35 – 10.45
Evolution of CSIR & CSIR-CGCRI, Dr. Debashis Bandyopadhyay, Chief Scientist	10.45 – 11.05
Highlights of CSIR-CGCRI Technological Achievements	11.05 – 11.25
Tea (K.D. Sharma Multipurpose Hall)	11.25 – 11.45
Lab Visit & Technology Demonstration	11.45 – 14.15
Lunch (K.D. Sharma Multipurpose Hall)	14.15 – 14.45
Interactive Session	14.45 – 15.30
Valedictory and National Anthem	15.30 – 15.45

**August 24, 2023**



[Youtube Live Stream](#)

## OPEN DAY, CSIR - CGCRI, KOLKATA

PROGRAMME SCHEDULE	TIME
Lighting of the lamp and Invocation	10.00 – 10.05
Welcome Remarks by Dr.(Mrs.) Suman K Mishra, Director, CSIR-CGCRI	10.05 – 10.15
Introductory remarks by Dr. Mrinal Pal	10.15 – 10.20
Introduction of Chief Guest by Dr. H. S. Tripathi	10.20 – 10.25
Address by Chief guest: Dr. Ramanuj Narayan, Director, CSIR-IMMT, Bhubaneswar	10.25 – 10.55
Vote of Thanks by Dr. Milan Kanti Naskar	10.55 – 11.00
Group photo & Tea break	11.00 – 11.30
Demonstration / Skill development	11.30 – 13.30
Lunch break	13.30 – 14.30
Visit to exhibit	14.30 – 15.30
Interaction with participant & Valedictory	15.30 – 16.00



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August 24, 2023

## OPEN DAY, CSIR - CGCRI, KHURJA CENTRE (Parallel Program)

PROGRAMME SCHEDULE	TIME
Registration (Group I)	11.00 – 11.30
Lighting of lamp	11.30 – 11.35
Welcome address by Mr. Savan K. Sharma, Scientist	11.35 – 11.45
Address by Dr. (Mrs.) Suman K. Mishra, Director, CSIR- CGCRI, Kolkata	11.45 – 11.55
Address by Chief Guest	11.55 – 12.10
Vote of thanks by Dr. H. S. Tripathi, Scientist-In-Charge	12.10 – 12.15
Refreshment	12.15 – 12.30
• Technical brief on Ceramics • Lab visit • Interactive Session	12.30 – 13.45
Lunch Break	13.45 – 14.30
Registration (Group II)	14.30 – 15.00
• Technical brief on Ceramics • Lab visit • Interactive Session	15.00 – 16.15
Refreshment	16.15 – 16.30
Concluding Session	16.30 – 17.00

August 24, 2023

## OPEN DAY, CSIR - CGCRI, NARODA CENTRE, (Parallel Program)

PROGRAMME SCHEDULE	TIME
Welcome of Guest and Participants by SIC Naroda Centre	11.00 – 11.05
Inauguration of the program by lighting of lamp by Chief Guest, Distinguished Guest and SIC	11.05 – 11.10
Welcome Address and Introduction of the OWOL Program by Director CSIR-CGCRI, Kolkata through online mode	11.10 – 11.20
Introduction of Chief Guest and Distinguished Guest by SIC	11.20 – 11.25
Address by Chief Guest	11.25 – 11.45
Address by Distinguished Guest	11.45 – 12.05
Question Answer Session	12.05 – 12.10
Presentation on Naroda Centre's Activities by SIC	12.10 – 12.20
Video on the Grass Root level Activities of the Centre prepared by VigyanPrasar	12.20 – 12.35
Presentation on Societal activities done by Naroda Centre	12.35 – 12.50
Experience sharing by beneficiaries (about 5 nos)	12.50 – 13.15
Group Photo	13.15 – 13.25
Lunch Break	13.25 – 14.25
CSIR-CGCRI Lab visit & Demonstration	14.25 – 16.30
Concluding Session, Vote of Thanks & Tea	16.30 – 17.00

August 25, 2023

## CSIR-JIGYASA STUDENT-SCIENTIST CONNECT PROGRAM

**1**  
week  
**One Lab**

TIME	PROGRAMME	
09.30 – 10.00	Reception & Registration	
10.00 – 11.10	Inaugural Session	
	10.00 – 10.05	Lighting of the lamp and Saraswati Vandana
	10.05 – 10.15	Welcome Address by Dr. (Mrs.) Suman. K. Mishra, Director, CSIR-CGCRI
	10.15 – 10.20	Introductory Remarks by Mr. Sitendu Mandal, Chief Scientist & Nodal Jigyasa Coordinator
	10.20 – 10.40	Address by Chief Guest Dr. K. J. Sreeram, Director, CSIR-Central Leather Research Institute, Chennai
	10.40 – 10.55	Address by Dr. Arun Bandyopadhyay, Director, CSIR-Indian Institute of Chemical Biology, Kolkata
	10.55 – 11.00	Felicitation to Dignitaries by Director, CSIR-CGCRI
	11.00 – 11.05	Vote of Thanks by Dr. Subhadip Bodhak, Principal Scientist, Co-Nodal, JigyasaProgram
	11.05 – 11.10	National Anthem
Group Photo		

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**August 25, 2023**  
**CSIR-JIGYASA STUDENT-SCIENTIST CONNECT PROGRAM**

**1**  
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**One Lab**

TIME	PROGRAMME
11.10 – 11.20	Tea Break (Venue: K. D. Sharma Multipurpose Hall)
11.20 – 11.25	Introduction of the speaker by Dr. Kaushik Biswas, Principal Scientist and Co-Nodal, CGCRI Jigyasa Program
11.25 – 12.00	Popular Lecture by Dr. Arun Bandyopadhyay, Director, CSIR-Indian Institute of Chemical Biology, Kolkata
12.00 – 12.15	“CSIR-CGCRI at a Glance” through Videographic Presentation by Dr. Debdulal Saha
12.00 – 13.00	<b>Technical Lecture and Product Demonstration</b> Transparent Testaments: How Glass Shaped the Modern World by Dr. Atiar Rahaman Molla, Senior Principal Scientist and Dr. Anal Tarafder, Principal Scientist
13.00 – 14.30	<b>Lunch Break (Venue: K. D. Sharma Multipurpose Hall)</b>
14.30 – 15.00	Orthopaedic Biomaterials for Healthcare Applications: CSIR-CGCRI Products by Dr. Subhadip Bodhak, Principal Scientist & Mr. Ankush Pratap Singh, Scientist
15.00 – 15.30	CSIR - Virtual Lab Demonstration by Dr. P. K. Sinha, Senior Principal Scientist and Co-Nodal, CGCRI Jigyasa Program
15.30 – 16.30	Quiz Competition
16.30 – 16.45	<b>Concluding Session:</b> <ul style="list-style-type: none"> <li>☞ Certificate Distribution</li> <li>☞ Remarks by the School Teachers</li> </ul>
16.45 – 17.00	Tea/Snack Packets (Venue: K. D. Sharma Multipurpose Hall)
17.00	End of Day's Programme and Departure of Students from CSIR-CGCRI

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August 26, 2023

# 73<sup>RD</sup> CSIR-CGCRI FOUNDATION DAY AND 20<sup>TH</sup> ATMA RAM MEMORIAL LECTURE

1  
week  
One Lab

TIME	PROGRAMME
11.00 – 11.05	Lighting of the lamp and Invocation
11.05 – 11.20	Welcome Address by Dr. (Mrs.) Suman K. Mishra, Director, CSIR- CGCRI, Kolkata
11.20 – 11.25	Introduction of the Chief Guest by Mr. Sitendu Mandal, Chief Scientist and Head, Specialty Glass Division and Chairman OWOL Programme, CSIR- CGCRI, Kolkata
11.25 – 12.10	73 <sup>rd</sup> CSIR-CGCRI Foundation Day and 20 <sup>th</sup> Atma Ram Memorial Lecture, 2023 by Dr. N. Kalaiselvi, Secretary, DSIR and Director General, CSIR, Govt Title of the Topic: "SDGs and S&T Opportunities ahead"
12.10 – 12.15	Felicitation to the Chief Guest by Director, CSIR-CGCRI
12.15 – 12.30	Foundation day award to be given by Chief Guest
12.30 – 12.35	Vote of Thanks by Mr. Siddhartha Dey, Administrative Officer, CSIR-CGCRI
12.35	National Anthem



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