



# कौशल विकास कार्यक्रम Skill Development Programme 2021-22

(जुलाई-सितंबर, 2021)

Organized Under:  
सीएसआईआर की कृत कौशल पहल कार्यक्रम  
CSIR Integrated Skill Initiative Programme



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Website: <https://www.csio.res.in>





## सीएसआईआर-सीएसआईओ का विवरण ABOUT CSIR-CSIO

CSIR-Central Scientific Instruments Organisation (CSIR-CSIO), a constituent unit of Council of Scientific & Industrial Research (CSIR), is a premier national laboratory dedicated to research, design and development of scientific and industrial instruments. It is a multi-disciplinary and multi-dimensional apex industrial research & development organisation in the country to stimulate growth of Instrument Industry in India covering wide range and applications.

CSIR-CSIO is a multi-disciplinary R&D lab having well equipped laboratories manned by highly qualified and well-trained staff with infrastructural facilities in the areas of Agrionics; Medical Instrumentation and Prosthetic Devices; Optics and Cockpit based Instrumentation; Advanced Materials based Transducers Instrumentation; Fiber/Laser Optics based Sensors & Analytical Instrumentation;, etc. Large number of instruments ranging from simple to highly sophisticated ones, have been designed and developed by the Institute and their know-hows have been passed on to the industry



for commercial exploitation. Having contributed substantially towards the growth of the scientific instruments industry in the country, CSIR-CSIO enjoys high degree of creditability among the users of the instruments as well as the instrument industry.



## सीएसआईओ-आईएसटीसी का विवरण ABOUT CSIO-ISTC

CSIO-Indo Swiss Training Centre (CSIO-ISTC) was established in the year 1963 in collaboration with the “Swiss Foundation for Technical Assistance, Switzerland”. Since its inception, the Centre has come a long way and made its presence felt at the regional and the national level in skill development. The Centre has interdisciplinary programmes in tune with global trends in technical education.

The ISTC adopts unique methodology of the practice-oriented training in institute. CSIO-ISTC providing skilled manpower in the area of Mechanical, Mechatronics, Electronics, Industrial automation, CAD/CAM, Die and Mould for the growth of the nation.





## सीएसआईआर की कृत कौशल पहल कार्यक्रम

### CSIR INTEGRATED SKILL INITIATIVE PROGRAMME

Council of Scientific and Industrial Research (CSIR) is embarking upon “Skill India” mission of the Government of India under its ‘CSIR Integrated Skill Initiative’ Programme. Under this umbrella of skill India, CSIR laboratories have taken up various skill training programs under different domains on pan India basis.

On 24th September, 2016 honorable Prime Minister Shri. Narendra Modi inaugurated “CSIR Platinum Jubilee” Celebration. On this occasion, Dr. Harsh Vardhan, Minister of Science & Technology, Health & Family Welfare and Earth Sciences launched “CSIR Integrated Skill Initiative” programme on pan India basis in CSIR labs. The aim is to train people in India in different skill areas by 2022. All these training programs are interconnected and linked to industry requirement thus would invariably contribute to subsequent employment generation, including small scale entrepreneurship.

The first Phase of this programme was successfully completed in year 2020 with total 53 training programs in which total 3448 trainees were trained in different domain areas by CSIR-CSIO, Chandigarh.

The Second Phase of this programme has been launched in year 2020 for next 5 years (2020-25) and Approx. 10,000 trainees will be trained in different domain areas upto the year 2025 by CSIR-CSIO, Chandigarh.

### मिशन/Mission:

To generate quality human resource at various levels by providing and upgrading skills in all the possible fields.

### लक्ष्य और उद्देश्य/Aims & Objectives:

The aims and objectives of the proposed programmes are;

- ❖ Upgradation of knowledge on latest technologies.
- ❖ Creating a pool of skilled human resource for industries.
- ❖ Developing employment oriented skill programmes.
- ❖ Aligning the skill programmes with CSIR Integrated Skill Initiative, National Skill Development Council (NSDC) and Sector Skill Councils (SSC) to meet the national objectives.
- ❖ Developing market/industry driven courses with emphasis on hands-on practical learning.





## ऑनलाइन कौशल विकास प्रशिक्षण कैलेंडर (जुलाई-सितंबर, 2021)

### Online Skill Development Training Calendar (July – September, 2021)

S.No.	Date	Programme Title	Duration
1.	23 <sup>rd</sup> July, 2021 (Friday)	PLC Programming & Its Application	1 Day
2.	28 <sup>th</sup> July, 2021 (Wednesday)	SMD & Rework Technology	1 Day
3.	4 <sup>th</sup> August, 2021 (Wednesday)	Fundamentals of Robotics & Its Industrial Application	1 Day
4.	11 <sup>th</sup> August, 2021 (Wednesday)	Fundamentals of EDM & Wire EDM Machines	1 Day
5.	27 <sup>th</sup> August, 2021 (Friday)	Additive Manufacturing	1 Day
6.	2 <sup>nd</sup> – 3 <sup>rd</sup> September, 2021 (Thursday-Friday)	Advanced Manufacturing Technologies	2 Days
7.	15 <sup>th</sup> September, 2021 (Wednesday)	Injection Moulding Technologies	1 Day
8.	22 <sup>nd</sup> -23 <sup>rd</sup> September, 2021 (Wednesday-Thursday)	Fundamentals of Mechatronics & Industrial Automation	2 Days



### ***NOTE:***

- All the courses will be conducted through online mode.
- Details of course will be shared before the workshop.
- Registration of each course will be closed one day prior to the commencement of the course, participants must register accordingly.
- The interested participants can register for the particular workshop using the link: <https://forms.gle/rGQ4toa7AJYk3KKN6>
- Link for joining the workshop will be shared on registered E-mail before the commencement of the workshop.
- Certificates will be issued to the participants who will attend the workshop through their registered E-mail.
- Some courses will be offered with limited seats and non-refundable course fee.
- The dates of above programmes are tentative, any changes will be informed through registered E-mail.
- Please visit websites regularly to get latest information and updates related to the offered courses.

### ***Contact Details:***

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*SKILL IS THE UNIFIED FORCE OF EXPERIENCE, INTELLECT AND  
PASSION IN THEIR OPERATION.*

