

# ESCI

## COMMUNICATIONS



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## DIRECTOR'S DESK

### From Industrial Trades to Geospatial Intelligence - ESCI's Next Leap in Skill Development

India's skill development journey has always evolved in tandem with its industrial growth. During the period of industrialization between 1960 and 1980, both State and Central Governments established Industrial Training Institutes (ITIs) across the country to address the growing demand for skilled manpower. These institutes focused on core technical trades such as fitters, turners, plumbers, machinists, electricians, draughtsman and welders which formed the backbone of India's heavy industrial expansion. Lakhs of skilled workers trained through ITIs played a crucial role in supporting this industrial ecosystem.

The 1990s marked another turning point with the introduction of electronics and computer related trades, reflecting the shift toward a technology-driven economy, such as drones, smart city technologies, and digital systems gained prominence, ensuring that skill development remained aligned with emerging industry needs.

Further strengthening this trajectory, national initiatives like Make in India (2014), Skill India (2015), and Atmanirbhar Bharat (2020) have emphasized large-scale skill development, innovation, and self-reliance. These initiatives have collectively contributed to building a

capable workforce for both manufacturing and service sectors, positioning India as a competitive global player.

In this evolving landscape, the Engineering Staff College of India (ESCI) has demonstrated commendable foresight by introducing the **EV Battery Sustainability Engineer (Level 6 certification) under NCVET**, one of the first such programs in the country. This course addresses a critical gap in the rapidly growing electric vehicle ecosystem, where the demand for skilled EV battery professionals far exceeds the available workforce.

The efforts of ESCI have been duly appreciated by its Board of Management, particularly, the IEI President Er. Manish Mahindra Kothari. The Board's direct interaction with trainees and assessment of their competencies reflects confidence in the institution's ability to deliver industry-relevant, high-quality training that aligns with national aspirations.

Building on this success, the Board has rightly recommended the introduction of **Geographic Information Systems (GIS) and Global Positioning Systems (GPS)** courses at ESCI. This move represents the next logical step in the institution's journey toward advanced, technology-driven skill development.

GIS and GPS are foundational geospatial technologies that have become indispensable in today's data-centric world. While GPS enables precise location tracking through satellite systems, GIS integrates spatial and non-spatial data to generate meaningful insights and support informed decision-making. Together, they power critical applications in urban planning, environmental conservation, agriculture, transportation, defense, telecommunications, and disaster management.

In conclusion, just as ITIs once powered India's industrial workforce and the EV battery program is now supporting the green mobility revolution, the introduction of GIS and GPS courses represents ESCI's forward-looking vision.

Sincerely,  
**Dr. G. Rameshwar Rao, FIE**

# Events at ESCI

## Eligibility Criteria for the post of Secretary & Director General with Application Form



### The Institution of Engineers (India)

8, Gokhale Road, Kolkata 700020 [www.ieindia.org](http://www.ieindia.org)

The Institution, the largest professional body of engineers and technologists in the country, invites applications in the prescribed format available on our website for the following position in All India Cadre :

#### **SECRETARY & DIRECTOR GENERAL**

**ROLE :** The Secretary & Director General is the Chief Executive Officer of the Institution and is responsible for overall Administration and Management of the Headquarters as also for coordinating the functions of all Centers, Overseas Chapters and Peripheral Bodies of the Institution. The position requires deep involvement and capacity to shoulder diverse nature responsibilities for effective management and control of the Institution and cooperation with various other National and International professional bodies, interacting with the Government and other statutory institutions, service to the Members at large and also the legal and constitutional matters wherever necessary. The SDG reports to the President of the IEI and is accountable to the Council of IEI and is bound by the provisions of Bye-Laws of the Institution.

**PROFILE :** The incumbent must have a high profile background and outstanding leadership qualities with excellent communicational and motivational skills to be able to ensure dynamism and sustained growth at the Institution, in order to optimally promote the overall interest of the Institution. The candidate must be at least an Engineering Graduate with more than 20 years experience (out of which at least 10 years in senior management position) in some professional/industrial organization/Private or Public Undertaking/Govt. Organization of repute. He should preferably be a Corporate Member of the Institution.

It is preferred that the candidate holds a PG Degree/Diploma in Management field with focus on corporate management or HR.

#### **APPLICATION FORMAT: ANNEXURE-A**

**Age:** Applicant should normally be below 58 years of age (relaxation in case of exceptional candidates). The appointment will be on contractual basis for a period of five years, as per usual terms and conditions.

**CTC:** Rs 24 Lakhs per annum and free semi furnished accommodation (Negotiable for exceptional candidates).

**Location:** IEI Headquarters, Kolkata

#### **APPLICATION PROCESS**

The applicant shall submit the application (in MS Word format only) latest by **25<sup>th</sup> April 2026** in the prescribed format by e-mail to THE CHAIRMAN, SEARCH COMMITTEE FOR SECRETARY & DIRECTOR GENERAL and two sets of hard copies of the application have to be posted to the following address in an envelope superscripting "**Application for the post of Secretary & Director General, IEI**".

The Chairman, Search Committee for Secretary & Director General and Director-ESCI

C/o Secretary & Director General

The Institution of Engineers (India)

8, Gokhale Road, Kolkata 700020

EmailID: [search.committee@ieindia.org](mailto:search.committee@ieindia.org)

## Eligibility Criteria for the post of Director-ESCI with Application Form



# Engineering Staff College of India (ESCI)

Autonomous organ of The Institution of Engineers (India) [www.escihyd.org](http://www.escihyd.org)

## **DIRECTOR (ENGINEERING STAFF COLLEGE OF INDIA)**

### **ROLE**

Director is the academic as well as the administrative head of ESCI and is expected to have proven administrative capabilities, with an excellent academic / industrial background with leadership qualities, to head an Institution of National importance.

### **PROFILE**

- A) Graduate degree in Engineering and/or Technology, preferably with Post Graduate degree in Engineering and/or Technology / Management / Ph D.
- B) Minimum 20 years of experience out of which 5 years as Head of an Academic Institute of National Importance / in very senior position in R&D establishments / Private or Public Undertakings / Government Organizations.
- C) Experience of conducting focused training programmes leading to skill development and certification.

### **APPLICATION FORMAT: Annexure-A**

**Age :** Applicant should normally be below 58 years of age (relaxation in case of exceptional candidates). The appointment will be on contractual basis for a period of three years extendable upto two years as per usual terms and conditions.

**CTC:** Rs 18 Lakhs per annum (Negotiable for exceptional candidates).

**Location:** Engineering Staff College of India, Hyderabad

### **APPLICATION PROCESS**

The applicant shall submit the application (in MS Word format only) latest by **25<sup>th</sup> April 2026** in the prescribed format by e-mail to THE CHAIRMAN, SEARCH COMMITTEE FOR DIRECTOR-ESCI and two sets of hard copies of the application have to be posted to the following address in an envelope superscribing "**Application for the post of Director-ESCI**" :

The Chairman, Search Committee for Secretary & Director General and Director-ESCI  
C/o Secretary & Director General  
The Institution of Engineers(India)  
8, Gokhale Road, Kolkata 700020  
EmailID:search.committee@ieindia.org

# Events at ESCI

**The following high-level meetings were conducted at the Engineering Staff College of India (ESCI) over two days on 21<sup>st</sup> & 22<sup>nd</sup> March 2026.**

**21st March 2026**

**1. MANAGEMENT COMMITTEE MEETING (Members attended)**

- |  |          |
|--|----------|
| 1. Er. P. Surya Prakash,               | Chairmen |
| 2. Maj.Gen (Dr) MJS Syali, VSM (Retd), | Member   |
| 3. Dr.G.Rameshwar Rao, Director, ESCI  | Member   |

**2. FINANCE COMMITTEE MEETING (Members attended)**

- |                                       |          |
|---------------------------------------|----------|
| 1. Er.Santosh Kumar Surajmal Mutha    | Chairmen |
| 2. Maj.Gen (Dr) MJS Syali, VSM (Retd) | Member   |
| 3. Dr.G.Rameshwar Rao, Director, ESCI | Member   |

**22nd March 2026**

**BOARD OF MANAGEMENT MEETING (BOM) (Members attended)**

- |  |          |
|--|----------|
| 1. Er.Manish Mahendra Kothari, IEI President   | Chairmen |
| 2. Er.VB Singh, Immediate Past President       | Member   |
| 3. Dr.G.Ranganath, Past President, IEI         | Member   |
| 4. Er.Devendra Gill, FIE                       | Member   |
| 5. Er.Santosh Kumar Surajmal Mutha, FIE.....   | Member   |
| 6. Er.P.Surya Prakash, FIE                     | Member   |
| 7. Dr.Seeram Satyanarayana, FIE                | Member   |
| 8. Er.Raghupatruni BhimRao, FIE                | Member   |
| 9. Er.Ketankumar Devendrabhai Panchal, FIE     | Member   |
| 10. Prof (Dr) Ramana Banothu, FIE              | Member   |
| 11. Maj.Gen (Dr) MJS Syali, VSM (Retd)         | Member   |
| 12. Dr.G.Rameshwar Rao, FIE, Director, ESCI    | Member   |
| 13. Er.K.J.Amarnath, Faculty & Head i/c (Ming) | Member   |



## Civil Transportation Engg. Division

The Civil/ Transportation Engineering Division have conducted the following training programmes during the month of March, 2026. These Training programs have been sponsored by Ministry of Road Transport and Highways (Transport Section), Government of India, New Delhi.

1. The Programme on **“AI in Road Crash Data Analysis”** was held from **02 – 06 March, 2026** and **No of participants attended 18.**



2. Training and Development Programme on **“Advanced Concrete and Construction Materials for Sustainable Structures”** was held at ESCI from **02 – 04 March, 2026.**

3 Training and Development Programme on **“Digital Transformation in construction”** was held for five days from **09 – 13 March, 2026.**

4. Training program on **“Innovations in Transportation Sector”** Sponsored by Ministry of Road Transport and Highways (Transport Section), Government of India, New Delhi was held at ESCI Office **from 09 - 13 March, 2026.**



5. Training program on **“Vehicle Scrapping Policy (Or) Voluntary Vehicle Modernization Program (VVMP)”** Sponsored by **Ministry of Road Transport and Highways (Transport Section),, Gol** was held at **Bangalore in Karnataka state for five days from 09 – 13 March, 2026.**



6. **ONLINE TRAINING PROGRAM ON “Road Safety and prevention of Accidents by using AI”** was held on **17th March, 2026.** The No of participants attended **30**

7. Training program on **“Current Developments in Logistics and Transportation Sectors”** was held for five days from **23 – 27 March, 2026** at **LAKSHADWEEP ISLANDS, UT.**

8. Training and Development Programme on **“Design and Analysis of Flexible Pavements by using IIT PAVE Software”** held from **23 – 27 March, 2026.**

All the above programmes have been conducted under the Supervision of Dr.R.Venkat Reddy who was also acted as Course Director of all the courses assisted by CH.Tilak, Faculty and Ms. M.Suneetha, Asst. Programe Officer.

## Centre for Climae Change Division

The Centre for Climte Change division has conducted Training programme on **“Energy Transition including Climate Change and Sustainable Development”** from **12-14<sup>th</sup> March, 2026** at ESCI Office. Participants attended from different states.

## Information Technology Division

The IT Division has conducted the CPDP & STPs in the month of March, 2026 are as follows.

### CPDP Program

**1) Advanced Excel for Report Generation & Analytics** Scheduled from **16 - 18 March 2026** at ESCI Campus.

The objective of the programme is to impart awareness of the advanced options existing in MS Excel and how to fully realize the usefulness of those advanced options in order to enhance the utility of MS Excel for Reporting Generation & Data Analysis.

The Participants from different units of Directorate General of Quality Assurance (DGQA), DRDO and **ONGC Tripura Power Company Limited** (OTPC) have attended the Training program.

### STP Program

**PFC Sponsored - Capacity Building Training Program on "Cyber Security in Power Sector"** For Middle Management Personnel of DISCOMs under RDSS of MoP, Gol in different schedules from **9 - 11 March, 2026 and 23 - 25 March 2026 in 2 batches separately**

Objective of the Program is to provide knowledge and skills to protect your IT /OT critical infrastructure for Cyber Attacks ,to Learn Cyber Security Challenges in IT/OT Systems in Power Sector

Mr.Syed Azga, Sr.Faculty & HoD i/c of IT Division along with Ms.K.Soumya, & Ms.P.Jyothi, Junior Faculties and T.Murali Krishna Project Engineers make all the events success



The Course was conducted under the supervision of Dr.K.Chandrakala, Sr. Faculty assisted by Dr.Aadhi Naresh, Faculty.

## Environment Management Division

The Environment Management Division has conducted Training programme on **"Energy Transition including Climate Change and Sustainable Development"** from **19-21<sup>st</sup> March, 2026** at ESCI Office. Participants attended from different states. Ms. Anita Agarwal, Faculty & Head EMD Division has acted as Course Coordinator and sri GNM Rao coordinated the event



The Course was conducted under the supervision of Ms.Anita Aggarwal, Faculty & Head i/c of EMD assisted by GNM Rao, Manager (Prog) and MSVS Prakash, Asst, Manager.



# Events at ESCI



## Management & Technology Division

1) A 1-day Training Programme on **"Presentation and Communication Skills"** conducted on **11<sup>th</sup> March 2026** at RCI DRDO, Hyderabad.



The objective of this Programme is to build confidence and clarity in professional communication, enhance verbal and non-verbal communication skills, develop effective presentation structuring and delivery techniques, improve audience engagement and persuasive speaking skills & strengthen workplace and professional interaction abilities. It was attended by employees of RCI Hyderabad.

2) The 4-day CPDP on **"Stress Management and Work Life Balance for Engineers and Officers"** conducted from **23 - 26 March 2026**.

The objective of this Programme is to create awareness regarding different types of distress and its management, learn different techniques for managing different types of stress, develop skills to audit, coach and counsel individuals ailing from stress and build greater confidence and acquire required abilities of handling stress issues. It was attended by Officers from Nepal Electricity Authority, Bangalore Electricity Supply Company Limited, ASL DRDO Hyderabad, Irrigation & Water Supply Dept., Govt. of Haryana & DGQA Labs.

Both the above two Programme have been conducted by Dr. U S Jyothi, as Course Director, Dr. K Bharath, as course coordinator and Mr. S. Vijaya Kumar, Programme Officer.

## Design & Prototyping Centre Division

The Design Prototyping Centre and Mechanical Division conducted a CPDP on **"Engineering Simulations are using ANSYS & CFD"** during from **09 - 12 March, 2026**.

The program was aimed to enhance participants' technical and simulation skills, provided insights into design and manufacturing analysis, and addressed common challenges in error correction and problem-solving.



# Events at ESCI

The training included hands-on sessions with ANSYS software, offering practical experience. The program was attended by engineers, eminent scientists, and senior technical officers from NPOL, ODF, NRSC, and CEMILAC who found it highly beneficial. Feedback indicated that

the course content, particularly the case studies, was exceptionally valuable.

Dr.NVSS Sagar, the faculty and i/c head of DPC&M Division along with Ms.B.Sameera Programe Assistant coordinated the event.

## Power & Energy Division

The Power & Energy Division of ESCI has conducted the following Training Programmes during the month of March, 2026 related to Electricity Reforms for Middle Level Management personal under DISCOM in coordination with other ESCI Divisions. All these programmes organized at the ESCI premises under the Revamped Distribution Sector Scheme (RDSS) sponsored by the Ministry of Power, Gol in collaboration with Power Finance Corporation , New Delhi. The participants were attended from across the country

S.No	Date of Training Program	Subject
1	9-11th March, 2026	Cyber Security in Power Sector (Done by IT)
2	10-12th March, 2026	Policy Regulatory Aspects of Electricity Distribution (Done by P&E)
3	11-13th March, 2026	RE Technologies (Done by WRD)
4	12-14th March, 2026	Energy Transition including Climate Change and Sustainable Development (Done by CCC)
5	16-18th March, 2026	Energy Portfolio Management & Power System Operation Management (Done by P&E)
6	19-21st March, 2026	Energy Transition including Climate Change and Sustainable Development (Done by EMD)
7	23-25th March, 2026	Cyber Security in Power Sector (Done by IT Division 1st Batch)
8	23-25th March, 2026	Cyber Security in Power Sector (Done by IT Division 2nd Batch)
9	24-26th March, 2026	RE Technologies (Done by WRD) 1st batch
10	24-26th March, 2026	RE Technologies (Done by WRD)2nd Batch

All the above Ten Training programmes have been conducted under the supervision of Sri U.Vidya Sagar, Sr.Faculty & Head of P&E division assisted by Dr.V.Vidya Sagar, Sr. Faculty, M.Srikanth, Jr. Faculty, Ms.K.Saraswathi, Asst.Progr Officer and Ms. M.Bhargavi, Jr. Faculty.



## Quality & Productivity Division

The Quality & Productivity Division have been conducted the training programmes during the month of March, 2026 are as follows:

**1) Total Quality Management (Hybrid Mode) from 09 - 11 March, 2026.** Total Quality Management (TQM) The purpose of the training is a comprehensive management philosophy focused on continuous improvement, customer satisfaction, and involvement of all employees to improve the quality of products, services, and processes.

Total Quality Management is an organization wide approach that aims to achieve long-term success by meeting or exceeding customer expectations through continuous improvement of people, processes, and systems.



**2) Quality & Reliability Management (Hybrid Mode) 16 – 18 March, 2026.** The Programme addresses practical pathways towards manufacturing cost reduction through product quality and reliability improvement. It explores ways to reduce or eliminate the impact of life limiting failure mechanism in design and manufacturing processes.



**3) Total Quality in Vigilance (Using contemporary Technologies) (Hybrid Mode). 23 - 25 March, 2026:** the most common refrain of any organization was that the vigilance setup in the organization is more of an impediment and hindrance rather than an aid to managerial effectiveness. However today, the perception of the organizations is undergoing a paradigm shift and vigilance is being viewed as part of the overall risk management strategy of an organization where structures, systems and processes are built in such a manner so as to prevent adverse effect on productivity, profitability and reputation.

All the above three training programmes have been conducted successfully under the supervision of Mr.E.Ramakishore, Sr. Faculty of Q&P Division



World Water Day at ESCI On 22-3-2026

## **“Do Not Waste Water... Every Drop is as precious as Life” Institution of Engineers (India) President Manish Mahendra Kothari**

Engineering Staff College of India (ESCI) has celebrated the World Water on Sunday, March 22, 2026 attended by the President of the Institution of Engineers (India), Manish Mahendra Kothari, who came from Kolkata, along with senior engineers and past presidents of IEI including V.B. Singh, Devendra Gill, Santosh Kumar Surajmal, Raghupati Bhim Rao, Devendra Bhai Panchal, Dr. Ramana Nayak Banoth, Surya Prakash, Dr. Seeram Satyanarayana, and Brahma Reddy and Vasavi Motors MD Venkatesham

From Walk for Water Foundation, M. Karunakar Reddy participated along with water expert Dr. Donthi Narasimha Reddy and Anita Sharma. Director of ESCI, Dr. G. Rameshwar Rao, along with several officials, staff members, candidates from the National Council for Vocational Educational Training, and members of various voluntary organizations also took part in the event.



Speaking on the occasion, **IEI President Manish Mahendra Kothari** emphasized that water is essential for all living beings and without water, the world cannot exist. He stressed the need for widespread public awareness to conserve water. He also mentioned that candidates currently pursuing the Electrical Vehicle Battery Engineer course at ESCI have a promising future, and added that plans are underway to introduce GIS and GPS courses related to geospatial technologies.

**IEI Past President V.B. Singh** highlighted the importance of creating awareness among people to conserve water.

**Director of ESCI, Dr. G. Rameshwar Rao**, stated that the institution prioritizes training programs aligned with major central and state government schemes. He mentioned that ESCI is providing training to candidates on Jal Jeevan Mission, AMRUT apart from the subjects teaching referred by the Ministry's of Power and Road Transport & Highways from Gol.

**M. Karunakar Reddy from Walk for Water foundation** explained that 97% of the Earth's water is in oceans and is not suitable for drinking. Of the remaining 3%, over 2.5% is locked in glaciers in regions like Antarctica and Greenland. The remaining small fraction exists in lakes, canals, rivers, wells, and underground layers, serving as a lifeline for billions of people. He also noted that the United Nations has selected **“Water and Gender” as the theme for 2026**, emphasizing equal representation of women and men in water governance and decision-making.

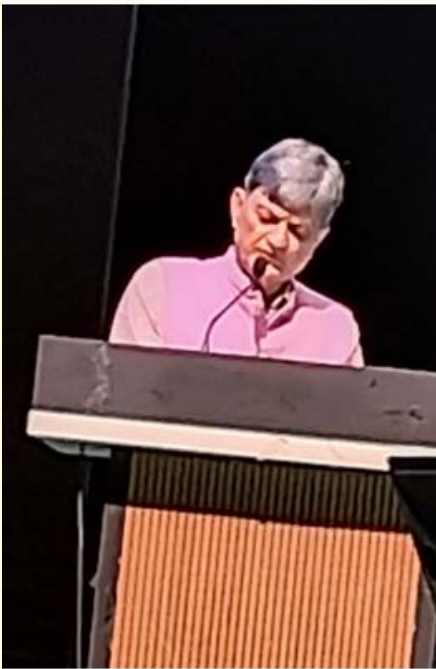


# Events at ESCI

**Dr. Donthi Narasimha Reddy** stated that around 25% of the world's population faces severe water scarcity. With rising population and climate change, the drinking water crisis is worsening. He warned that failure to conserve water could lead to severe consequences in the future.

The meeting was also attended by College Chief Lakshmikanth Rao, Dr. P. Rajarao, and heads of various departments including Dr. K. Chandrakala, Dr. U.S. Jyothi, E. Rama Kishore, P. Sai Kishore, Dr. K. Ashok, Dr. Bharat, Dr. Adi Naresh, Dr. Swati, and Anil Kumar. The program was coordinated by Environment Head Anita Agarwal.

On this occasion, several senior engineers from Kolkata and other places were felicitated by Dr. G. Rameshwar Rao on behalf of ESCI.



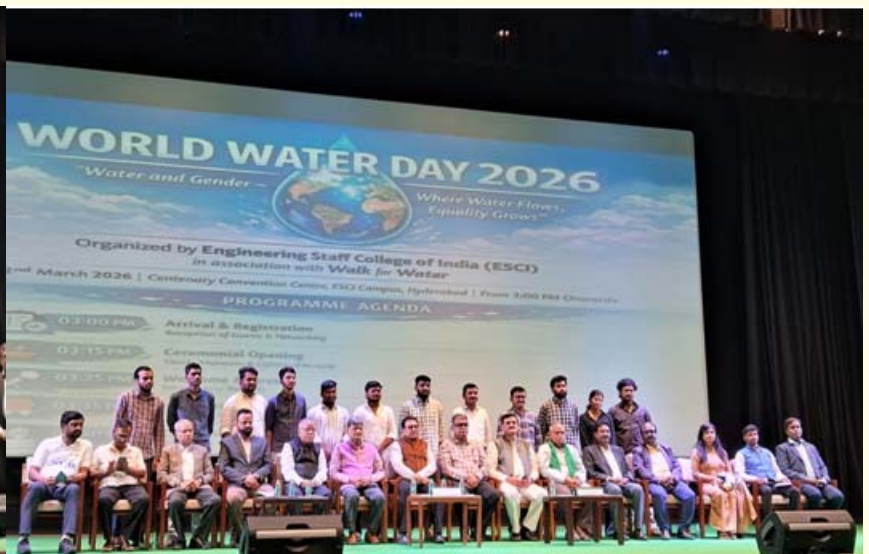
IEI Past President V.B. Singh



Felicitation to IEI President Manish Mahendra Kothari in presence of various Senior Engineers



Felicitation to IEI past President VB Singh in presence of various Senior Engineers



Group Photo of World Water Day 2026

## Faculty development Programme Cell

### Training on AI & ML for ISRO Scientists

The Advanced Artificial Intelligence and Machine Learning for Space Propulsion Systems & Intelligent Test Data Analytics was conducted from 09–13 March 2026 at the ISRO Propulsion Complex (IPRC), Mahendragiri, Tamil Nadu, with a participation of 25 scientists and engineers.

The programme focused on applying AI and ML techniques to propulsion testing, intelligent data analytics and decision-making in complex aerospace systems.

Expert sessions were delivered by Dr. Abhishek, Chief AI Officer and Technologist (PhD, Queen Mary University of London; M.Tech, IIT Kharagpur), Mr. Prasanna Guntur, a global technology leader with over 20 years of industry experience across multiple countries, and Mr. Srinivasa Bhoosarapu, an AI practitioner who shared practical insights on data-driven engineering and intelligent analytics.

Mr. P.Sunvesh Kumar, the Asst.Programme Officer was coordinated the event success under the supervision of Mr.Sai Kishore, Faculty and Head i/c of FDP cell.



2) The ESCI successfully conducted an Activity-Based Immersive Management Development Program for senior and middle-level scientists from 12th to 15th March 2026 at Mount Abu, Rajasthan. The program was designed to enhance leadership, strategic thinking, and decision-making capabilities through experiential learning methodologies, including group activities, case studies, and interactive sessions. Participants actively engaged in collaborative exercises that fostered innovation, team building, and problem-solving skills in a dynamic learning environment. The serene and inspiring setting of Mount Abu further enriched the learning experience, enabling participants to reflect, connect, and apply modern management practices relevant to scientific and technical domains.

Mr. P.Sai Kishore, Faculty & Head i/c acted as the course coordinator



3) The FDP Cell successfully conducted a 3-day residential training program on Women Empowerment from 16th to 18th March 2026 at Coorg, Karnataka. The program was attended by women engineers from DVC and scientists from ISRO.



## Projects Division

The following works have been inspected by Project Division of ESCI as a 3<sup>rd</sup> party quality control during the month of March, 2026.

**1. Telangana Cooperative Oilseeds Growers Federation Limited (TGOILFED) - Mechanical & Electrical Works - Inspection and submission of report for the work of "Design, Supply, Fabrication, Erection & Commissioning of Fully Automatic Equipment station of Capacity 200 TPD Expandable to 300 TPD Encompassing GMP, Automation, Instrumentation and Hygiene along with Modern Set Up on Turnkey Basis at Shivarampally, Rajendranagar, Rangareddy Dist**



**2. Telangana Cooperative Oilseeds Growers Federation Limited (TGOILFED) - Construction of FFB Platform, PEV Sheds and Machinery Foundations for Vertical Sterilizer, Press, Clarifier, EFB, Storage Tanks, ETP Ponds for Oil Palm Processing Mill 15 TPH expandable to 60 TPH at Kallurugudem(V), Vemsoor(M), khammam (D), Telangana".**



**3. Telangana Education & Welfare Infrastructure Development Corporation (TGEWIDC) – Conducting Third Party Quality Control final inspection for the work of "Construction of Girls Hostel Block at CVSc Mamnoor of Hanamkonda district".**



**4. Telangana Tourism Development Corporation – Conducting Third Party Quality Control inspection for the work of "Development and Beautification of Mamunur Peta Cheruvu, Yerrupalem Mandal, Khammam District".**



The following works belong to GHMC also inspected by Project Division of ESCI.



## Mining Division

1) Mining Division conducted Safety Audit of Iron Ore Mines of Bachel and Kirandul of NMDC Limited in Chhattisgarh during 9 – 14 March 2026 under the leadership of K J Amarnath, Head, Mining Division of ESCI



Safety Audit Team in Iron Ore Mines of Bachel, NMDC on 10 March 2026



2) A 3 - Day off Campus Training Programme on “**Mine Legislation & Management and Safe practices in Opencast Coal Mines**” was held during 24 – 26 March 2026 at Jindal Institute of Power Technology, Jindal Power Limited, Tamnar, Raigarh, Chhattisgarh.



## Water Resources Development Division

The WRD division has conducted three training programme on “**RE Technologies**” for three days in **diferent spells from 11-13<sup>th</sup> March, 24-26<sup>th</sup> March, 2026 (2 batches separately)** at ESCI Office. Hyderabad. The Participans attended from various states .

Sri M.Rajasekhar Reddy, Sr.Faculty & HoD of WRD along with G. Naresh & SA Kavitha make the events success



## Sports Promote Physical and Mental Development Dr. G. Rameshwar Rao at the SPGS Sports meet

Sports play a vital role in promoting not only physical fitness but also mental well-being, said Dr. G. Rameshwar Rao, Director of the Engineering Staff College of India (ESCI). He emphasized that cultivating an interest in sports during the student stage can help individuals grow into accomplished sportspersons and earn recognition in the future.

**Under the aegis of ESCI, the School of Post Graduate Studies (SPGS) organized a two-day "Sports Skills" event for two days on 17<sup>th</sup> & 18<sup>th</sup> March, 2026 for students of the Post Graduate Diploma in General Management. Around fifty students enthusiastically participated in various sports events including cricket, volleyball, badminton, chess, and carrom.**

The competitions, held between first and second-year SPGS students in a spirited and inspiring manner. Speaking on the occasion, Dr. Rameshwar Rao highlighted that sports are not limited to cricket alone, but include a wide range of disciplines such as football, basketball, kho-kho, kabaddi, hockey, swimming, athletics, table tennis, martial arts, yoga, and aerobics.

Dr. K. Ashok, Principal of SPGS, remarked that sports help students relieve mental stress and encouraged them to also develop interests in music, literature, and writing, enabling them to excel in multiple domains.

### Winners and Runners:

**Volleyball Winners:** Rakesh, Ajay, Deepak, Abhishek, Surya, Sainath **Runners:** Nagarjuna, Tejas, Sai Kiran, Chandu, Shubhankar, Krishna-

**Cricket Winners:** S. Deepak, J. Deepak, Ajay, Abhishek, Sai Kiran, Tejas **Runners:** Rakesh, Surya, Nagarjuna, Akhilesh, Chandu, Krishna, Julfaid ·

**Carrom Winners:** Deepak, Pavani:: **Runners:** Ajay, Julfaid·

**Chess Winner:** Tejas:: **Runner:** Krishna

College Chief Lakshmi Kanta Rao, Dr. P. Rajarao, and staff members Dr. Sindhu Menda, Alig Raju, Ramavath Kishan, Dasari Murali, Raghuveera Reddy, and Chaya Padma Kumari congratulated all the participants.



## Smart Engineering is Essential for a Bright Future Dr. G. Rameshwara Rao, Director, ESCI on the world Engineers day

Every year, 4<sup>th</sup> March is celebrated as World Engineering Day. This tradition, which began in 2019, is being observed this year 2026 under the theme **"Smart Engineering for a Sustainable Future through Innovation and Digitalization"** with the joint support of the World Federation of Engineering Organizations, the Institution of Engineers Indonesia, and UNESCO. On this occasion, the Engineering Staff College of India (ESCI) celebrated Engineers Day with great enthusiasm.

**The Engineers Day celebration were held on March 4, 2026 at the ESCI Convention Centre Seminar Hall** where in Engineering staff and several Heads of Departments participated in the event.

Addressing the gathering, Dr. G. Rameshwara Rao stated that all the divisions of ESCI — including Management & Technology, Power & Energy, Civil Transportation, Mining, and others are imparting education and training to engineers and non-engineers through smart engineering methodologies with the support of senior faculty members.

He emphasized that smart engineering plays a key role in achieving Sustainable Development Goals such as Clean Water and Sanitation, Industry, Innovation and Infrastructure, Sustainable Cities and Communities, and Climate Change mitigation. Technologies such as Artificial Intelligence (AI), Internet of Things (IoT), Building Information Modeling (BIM), climate-resilient transportation systems, renewable energy, and green energy are all part of smart engineering innovations.

Mr. Sushil Kumar, Mining Engineer who attended as Chief Guest emphasized that no one has the right to destroy nature. Mr. M. Rajashekar Reddy, Head of Water Resources Division stated that while countries are striving to achieve Sustainable Development Goals, climate change mitigation becomes difficult when wars are simultaneously taking place.

Dr.K.Ashok, Principal of SPGS stated that digitalization, robotics, and automation have significantly enhanced industrial productivity. Smart engineering is creating remarkable advancements in education, healthcare, agriculture, animal husbandry, industries, and irrigation sectors. Mr. Syed Anger, Head of Information Technology, stated that engineering should be used for construction and development, not destruction.

Mr. E. Rama Kishore, Head of Quality and Productivity, mentioned that around 500 Maharatna and Navaratna industries in the country are actively working toward environmental protection. Dr. U. S. Jyothi, Head of the Management Technology Division, remarked that engineering itself opens new pathways for innovation and creative solutions.

Mr. P. Saikishore, Head of FDP, stressed the importance of awareness about the latest engineering innovations.

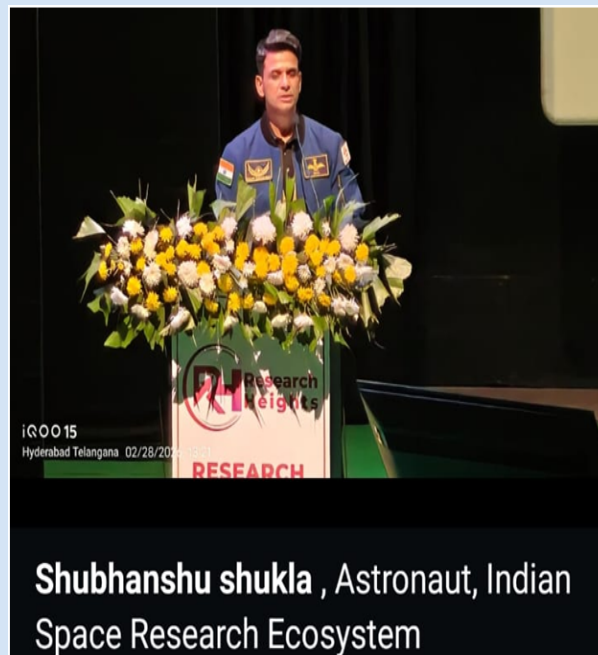


## The Research Heights foundation conducted is two day National Conclave on 28<sup>th</sup> February & 1<sup>st</sup> March, 2026

The Research Heights Foundation organized a two-day National Conclave on 28 February and 1 March 2026 at the ESCI Convention Centre. The conclave was held under the theme **“Research & Deep Technologies for Sustainable Bharat 2047,”** aligned with the national vision of Atma Nirbhar Bharat and Vikasit Bharat 2047.

The event was graced by M. Uttam Kumar Reddy, **Hon’ble Minister for Irrigation, Government of Telangana**, as Chief Guest. Among the distinguished participants was **Shubhanshu Shukla, Astronaut from Indian Space Research Organization, the first Indians to visit the International Space Station during the Axiom Mission-4 in July 2026.** Several eminent scientists, policymakers, industry leaders, and academicians also participated.

The conclave focused on aligning India’s research and development ecosystem with emerging deep-technology domains, including **Quantum Technologies, Artificial Intelligence for sustainability, Clean Energy, Semiconductors, and Space & Geospatial Intelligence**, in consonance with the spirit of National Science Day 2026. Dr.G.Rameshwar Rao, Director ESCI has also participated as another guest and addressed the gathering.



Shubhanshu shukla , Astronaut, Indian Space Research Ecosystem



## Magic Music

Rotary, Club of Hyderabad North celebrated Magic -Music show on the eve of International Women's day on 8<sup>th</sup> March, 2026 at the ESCI Convention Centre. The Magic programme was done by eminent magician Samala Venu and the Music concert presented by popular singer SP Shailaja and party. People enjoyed the programme.

Dr.G.Rameshwar Rao, Director ESCI has felicitated to some of the artists on occasion.Top of Form



## Safari Kid International Pre-School Celebrates Annual Day at ESCI Convention Centre

M/s Safari Kid International Pre-School, Hyderabad celebrated its Annual Day function on 14<sup>th</sup> March, 2026 at the ESCI Convention Centre with great enthusiasm and participation from students, parents, and school management.

Renowned film actor Brahmanandam attended the event as the Chief Guest. He was warmly received by Dr. G. Rameshwar Rao, Director of Engineering Staff College of India, along with the senior members of the school management.

On the occasion, the school management presented the Annual Report highlighting the institution's achievements, activities, and developmental initiatives during the past year, and also outlined its future plans for academic and infrastructural growth.



## ESCI Team Participates in Two-Day ToT on Preparing Bankable Climate-Resilient Urban Infrastructure Projects at New Delhi

The Ministry of Housing and Urban Development, Govt. of India in association with Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) India conducted a two day program for Training of Trainers (ToT) on "Preparing Bankable Climate-Resilient Urban Infrastructure Projects" on 30-31<sup>st</sup> March, 2026 at New Delhi.

The objectives of two day Training of Trainers is to focus on strengthening project preparation and financial planning to enhance bankability-covering key topics such as return on investment financial viability and loan repayment planning-essential for preparing bankable projects and engaging effectively with financial institutions.

Dr. G. Rameshwar Rao, Director, ESCI, along with Ms. Anita Agarwal, Head of the Environment Management Division and Dr. Aadhi Naresh, Faculty from the Climate Change Division from ESCI

participated in the two-day Training of Trainers programme and they delivered comprehensive PowerPoint presentations highlighting the key areas of contribution and initiatives undertaken by ESCI in their respective domains.

The other participants attended from Kerala, NIUA-Delhi, Assam, Mexico, and Deloitte.

Dr. Teresa Kerber, Project Director for Sustainable Urban Development Smart cities, GIZ-India welcomed the Guests and addressed the purpose of meeting and its resolutions for future needs.





# ENGINEERING STAFF COLLEGE OF INDIA

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