

secure our cyber systems from misuse or attack by hackers. With the spread of computers in almost every field of life using internet and smart phones, a danger to break security is increasing. This is called cyberphobia. These threats come in the form of computer intrusion, denial of service, attacks and virus deployment. The threat can be either intentional (by mischief makers) or accidental (computer manufacturing or natural disaster).

Er. M. L. Jain, Hony. Secretary presented the vote of thanks.
3. Other Technical Activities
 a. Er. Rajnesh Kumar gave a presentation in students' chapter at MIET on 24-01-2020. Students of

Mechanical Engineering and faculty attended the programme. This students' chapter has been opened in August 2020.

4. Other Activities

- (a) Republic Day was celebrated on 26th January 2020 in IEI Office.
- (b) Family get together was arranged on the occasion of Holi on 08-03-2020 in Abha Manav Mandir, Mawana Road, Meerut. Magic show by V Samrat was the main attraction of the event.
- (c) Independence Day was celebrated on 15th August 2020.



NEWS BULLETIN
The Institution of Engineers (India)
Meerut Local Centre

"100 Years of Relentless Journey Towards Engineering Advancement for nation Building"
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From Chairman's Desk

I very much wish that all the honourable members and their families are in good health and high spirit in the current scenario of Corona Pandemic. Due to this problem, the normal activities of IEI are paralysed since 22nd of March 2020. The celebrations of World Water Day and World Telecommunication Day had to be cancelled this year. World Environment Day, Royal Charter Day and Engineers' Day were organized through webinars. Two lecture meeting were also arranged online. Similar situation is likely to prevail in near future also.

This is the centenary year of The Institution of Engineers (India). Many special activities were planned by IEI to commemorate the occasion but due to COVID-19, events have been restricted to organize. Technical Webinars only, Meerut Local Centre is planning at least two Centenary Webinars in coming months. Our centre will have its website very soon. This will help in disseminating important informations / notifications about the centre and its activities.

There is a call from IEI for Membership drive during centenary year. All members are requested to kindly motivate and help fellow Engineers who are not yet members, to join IEI.

Meerut Local Centre had the privilege of the online presence of three dignitaries from Lucknow in the LCC Meeting held on 16-08-2020; Er. V B Singh, Council Member, Er. R K Trivedi, Chairman UP State Centre and Er. P K Chaurasia, Hony. Secretary UP State Centre joined the meeting. They appreciated the functioning of Meerut Local Centre and assured their full cooperation in running the centre more efficiently. They also gave several useful suggestions.



Technical Activities carried out by the Centre

1. Statutory Activities:
(a) World Engineering Day Date: 04-03-2020
 World Engineering Day for Sustainable Development was celebrated on 4th March in the office of IEI, Meerut Local Centre. The Chairman, Er. Rajnesh Kumar welcomed the Members of IEI and Guest Engineers. He discussed the importance of celebrating the Day and role of engineering in modern life. He also talked about the key objectives of organising this event. The keynote speaker was Er. B.D. Sharma, Convener, Indian Water Resources Society, Meerut Chapter. He



explained in details the 17 Sustainable Development Goals of Nations viz; Poverty, Hunger, Health & well being, Quality education, Gender Equality, Water & sanitation, Affordable & clean energy, Decent work & economic growth, Industry, Innovation & Infrastructure, Equality, Sustainable cities & communities, Responsible consumption & production, Climate stabilization, Life below water & on land, Peace, Justice, Strong institutions and Partnerships to achieve these goals. He explained how engineering and Engineers can play their crucial role in solving these pressing issues across the Globe.

Important Notifications

The council of The Institution of Engineers (India) has issued the following two important notifications due to unavoidable circumstances arising out of the COVID-19 pandemic.

1. All elections to the Council, State/Local Centre Committees including elections to the office of the President, IEI and Chairman & Honorary Secretary of State/Local Centres Scheduled to be held in the year 2020 are postponed by one year i.e., to be held in the year 2021. The term of council and State/Local Centre which is getting completed in 2020 also stand extended accordingly by one year i.e., upto 2021.
2. The Annual General Meetings All State/Local Centres of IEI to be held in 2020 stand postponed till further notification from IEI HQ.

The Annual Report and Annual Accounts of the State/Local Centres for the year 2019-20 may be placed in the AGM once it is scheduled. The auditor appointed for the year 2019-2020 may be continued till such AGM.

Forthcoming Events

Date	Time	Event	Venue
05-10-2020	11.00 am	World Habitat Day	Online (Webinar)
14-10-2020	11.00 am	World Standards Day	Online (Webinar)

Note: Your address sticker gives the complete information of your address, E-mail & Mobile No. etc. as recorded in The Institution of Engineers (India)' data bank.

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With Best Wishes to all

The Hony. Secretary Er. M.L. Jain presented the vote of thanks and conducted the programme.

(b) World Water Day Date: 22-03-2020
 It was planned in IIT Roorkee Campus at Saharanpur but was cancelled due to Janta Curfew (on account of covid-19 pandemic) declared by the Minister of India.

(c) World Telecommunication Day Date: 17-05-2020
 It was planned in collaboration with BSNL but could not be organized due to Lockdown on account of COVID-19

(d) World Environment Day Date: 05-06-2020
 World Environment Day was celebrated on 05-06-2020 by organizing a Webinar on Zoom. A good number of IEI members and other guest Engineers took part. Er. Rajnesh Kumar, Chairman, Meerut Local Centre welcomed all participants and highlighted the importance of World Environment Day. The speaker of webinar was Dr. Sandeep Sirohi, Asstt. Professor, Biotechnology Deptt., MIET, Meerut. He elucidated this year's theme of Biodiversity as richness in variety and variability of species of all living organism in a given habitat. He explained three hierarchical levels of Biodiversity i.e., genetic, species and community & ecosystem diversity.

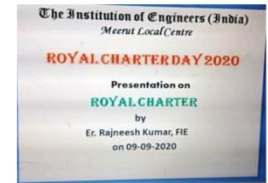


He told that flora and fauna diversity depends upon climate, altitude, soil and presence of other species. He identified the bio-geographical classification of India and biodiversity hotspots. Western Ghats and Eastern Himalayas are the biodiversity hotspots in the country. He explained that Habitat loss, pollution and over exploitation of selected species are the threats to diversity. Rapid industrialization, urbanization, food demand and deforestation are the causes for habitat loss. Air and water pollution are very harmful for different species. Similarly targeting certain selected species (even after legal protection) to cause their

killing which goes unabated to obtain body parts of these species. Improper disposal of plastic wastes is very dangerous. He concluded his talk with remarks that biodiversity is our life. If its loss continues at present rate, the survival of human beings will be threatened. It is, therefore our moral duty to conserve biodiversity as well as our environment.

(e) Royal Charter Day Date: 09-09-2020
 Royal Charter Day was celebrated on 09-09-2020 by organizing a webinar on Google Meet. Er. Rajnesh Kumar, Chairman, Meerut Local Centre welcomed the members of IEI and other participants. He himself was the speaker on this event.

Er. Rajnesh Kumar told about the Royal Charter, brief history and background of IEI Royal Charter and the sequence of events which took place during the process of award of Royal Charter. He also explained the objectives of IEI as given in Royal Charter and action to be taken to achieve these objectives. He stressed on what is not allowed to be done.



Er. Rajnesh Kumar told the history of IEI and its progress over last 100 years. He explained about the activities of IEI, its structure, divisions, membership, privileges of corporate & non-corporate members and institutional membership. He told about IEI membership of International bodies, bilateral agreements, students chapters & their activities and R&D initiatives of IEI. He also informed about the awards being given by IEI and ESCI, Hyderabad. He explained about the certification including Chartered Engineer and Professional Engineer.
 Er. Rajnesh Kumar concluded his talk by explaining how the institution should be run.
 The programme was conducted by the Hony. Secretary Er. M.L. Jain and he presented the vote of thanks.

(f) Engineers' Day Date: 15-09-2020
 As per decision of IEI Headquarters, this year the Engineers' Day was celebrated centrally and the event was organized by Uttar Pradesh State Centre and broadcast by NSDF, Shimla. A large number of corporate members from Meerut participated online in this programme.

2. Lecture Meeting

(a) By Er. S.K. Kumar on 01-02-2020
 A Lecture Meeting was arranged on 'Article 21 and our Gas Chamber'. The speaker was Er. S K Kumar FIE, Chairman, Indian Water Resources Society, Meerut. Twenty corporate members of IEI participated in the programme. Er. S K Kumar highlighted that the air pollution is rising and has become almost a lethal Gas Chamber especially in winters. It is caused by agro-waste and garbage burning, vehicular emissions, construction activities, large scale tree felling and pollution of rivers etc. and is aggravated by low temperatures. It is becoming life threatening and needs immediate attention and reversal. Article 21 of Constitution gives us Right to Life, which includes Right to pollution-free air to breathe. Government is duty-bound to ensure it and they must do it by changing focus of development to comply eco-friendly concerns through suitable technology, imposing necessary restrictions and by revising priorities & time-frame of projects. Some valuable suggestions given were shifting of trees instead of cutting, easing out old vehicles from roads & upgrading public transport, deterrents on keeping more than one vehicle per family, proper garbage management, improving design of harvesters to leave minimum agro-residue in fields. People's participation in all these efforts will also be essential.

(b) By Er. V.K. Agarwal on 15-03-2020
 A lecture meeting was arranged on 'Personality Development and Meditation'. This speaker was Er. V K Agarwal, FIE. Er. Agarwal discussed different aspects of health and mental soundness, communication skills, stresses versus tensions, hearing versus listening, benefits & details of Yogic exercises and process of meditation. He also suggested some Do's and Don'ts to the participants. He advised to have good relationship with immediate relatives, nears and dears

and also to have good health, peace and happiness in their life. He gave some tips about day to day routine in life regarding exercises, number of meals, intervals in between, type of food etc. for good health.

(c) By Er. S.K. Kumar on 25-07-2020
 A Webinar was organized on Google meet on 25-07-2020. The topic was COVID-19 - Opportunities in Disaster. Er. S K Kumar, FIE, Chairman, Indian Water Resources Society, Meerut Chapter was the speaker. Er. Rajnesh Kumar, Chairman Meerut Local Centre welcomed all participants and highlighted the importance of the subject of webinar.
 Er. S K Kumar highlighted that Corona Virus is an unprecedented disaster but it has achieved impossible ecological gains. Ganga was claimed to be 80% clean in June end, which was not even half of this figure in February 2020. The Global pollution was down by 40%. Snow ranges were visible from more than 200 km. CO2 emission was low, Ozone hole was patched up due to very small number of flights and vehicles on road. He gave credit to nature which left alone without human interference has capacity to recover. Lockdowns in Corona gave nature a grace time to heal it self in losing race on environmental front. It is the time to prepare blueprint to consolidate these gains. Unfortunately our record is to forget lessons from disasters. We are seeing in unclon 1 and 2 - Littering, return of plastic, 75% persons without masks, no social distancing, celebrations / functions crowded as usual, more water wastage etc. Er. S K Kumar gave several suggestions to control air and water pollution. He concluded his talk with the remarks that 2020 is watershed year and life will fully change before and after this. COVID-19 has given unexpected chance to coexist with Nature and save Planet. Let's not allow this opportunity slip away.

(d) By Er. Shiv Kumar on 30-08-2020
 A Webinar was organized on Google meet on 30-08-2020. The topic was "Cyber Security: An Awareness". The talk was delivered by Er. Shiv Kumar, MIE, Lecturer, D N Polytechnic, Meerut. Er. Rajnesh Kumar, Chairman Meerut Local Centre welcomed all participants and highlighted the importance of awareness about cyber crimes and protection against them. Er. Shiv Kumar explained the concept of cyber security and various measures which can be taken to

