



The Institution of Engineers (India)

Faridabad Local Centre



souvenir

54th ENGINEERS" DAY 2021
"Engineers for Skill Development & Employment In Combating COVID"

15th SEPTEMBER 2021

Sir Mokshagundam Visvesvaraya- An Excellent Statesman & Eminent Engineer



**Our Tribute to the Greatest
Engineering Father of the Nation**

On 'ENGINEERS DAY'

**WISHING EVERY ENGINEER A
VERY HAPPY AND JOYOUS
ENGINEER'S DAY**



Born: September 15, 1860

Died: April 14, 1962

Achievements: Architect of Krishnarajasagar Dam; devised steel doors to stop the wasteful flow of water in dams; honored with Bharat Ratna.

Sir Mokshagundam Visvesvaraya was an eminent engineer and statesman and played a key role in building of modern India.

Some of the honours and laurels conferred on Sir M. Visvesvaraya

- 1904: Honorary Membership of London Institution of Civil Engineers for an unbroken period of 50 years
- 1906: "Kaisar-i-Hind" in recognition of his services
- 1911: C.I.E. (Companion of the Indian Empire) at the Delhi Darbar
- 1915: K.C.I.E. (Knight Commander of the Order of the Indian Empire)
- 1921: D.Sc. - Calcutta University
- 1931: LLD - Bombay University
- 1937: D.Litt - Benaras Hindu University
- 1943: Elected as an Honorary Life Member of the Institution of Engineers (India)
- 1944: D.Sc. - Allahabad University
- 1948: Doctorate - LLD., Mysore University
- 1953: D.Litt - Andhra University
- 1953: Awarded the Honorary Fellowship of the Institute of Town Planners, India
- 1955: Conferred 'BHARATHA RATNA'
- 1958: 'Durga Prasad Khaitan Memorial Gold Medal' by the Royal Asiatic Society Council of Bengal
- 1959: Fellowship of the Indian Institute of Science, Bangalore

To commemorate his journey and deeds the whole of India remembers him on 15th September every year i.e. Engineers' Day.

ENGINEERS' PLEDGE

WE, THE ENGINEERS AND TECHNOLOGISTS OF INDIA, DO SOLEMNLY PLEDGE TO ADVANCE THE SCIENCE AND PRACTICE OF ENGINEERING FOR SUSTAINABLE DEVELOPMENT OF OUR COUNTRY AND FOR HUMANITY, IN GENERAL.

AS ENGINEERS AND TECHNOLOGISTS, WE AFFIRM TO UPHOLD THE HONOR AND DIGNITY OF OUR PROFESSION BY PROMOTING INTEGRITY AND EFFICIENCY, ACTING WITHOUT FEAR AND FAVOUR AND STRIVING RELENTLESSLY TO EXPAND THE FRONTIERS OF KNOWLEDGE. IT WOULD BE OUR CONSTANT ENDEAVOUR TO ENCOURAGE CREATIVITY AND INNOVATION AND IMAGINATIVELY USE NATURAL RESOURCES TO IMPROVE THE QUALITY OF LIFE OF OUR PEOPLE.



The Institution Of Engineers (India)

Faridabad Local Centre

The Institution of Engineers (India) or IEI is the largest multidisciplinary professional body that encompasses 15 engineering disciplines and gives engineers a global platform from which to share professional interest. IEI has membership strength of over 0.8 million. Established in 1920, with its headquarters at 8 Gokhale Road, Kolkata - 700020, IEI has served the engineering fraternity for over nine decades. In this period of time it has been inextricably linked with the history of modern-day engineering.

With the inauguration of **FARIDABAD LOCAL CENTRE** on 25th Nov. 2009, the Engineering Fraternity in Faridabad has an activity centre of its own. Engineering graduates and Practicing Engineers now have service locally available to enroll and upgrade their Membership of the Institution. Operating from J.C. Bose University of Science & Technology (YMCA) Campus presently, the Centre holds several events annually for creating awareness of social importance like Engineers Day, World Environment Day, World Water Day, World Standards day, etc. . With different themes every year, these Programmes focus on different aspects on issues of Global and local importance to make the world and our city a better place. In addition, All India Seminars, One Day Workshops are also held which provide platform for Engineers and Industry Personnel to exchange innovative ideas in different fields.

MISSION AND VISION

- TO PROMOTE ADVANCEMENT OF ENGINEERING AND ENGINEERING SCIENCE, AMONGST MEMBERS
- TO PROVIDE VAST ARRAY OF TECHNICAL, PROFESSIONAL AND SUPPORTING SERVICES TO GOVT, to INDUSTRIES, to THE ACADEMIC AND to THE ENGINEERING COMMUNITY.
- TO PROMOTE NON-FORMAL ENGINEERING EDUCATION – In our country this is very relevant because sometimes even the brilliant students are deprived of formal education due family reasons or financial constraints etc. IEI Offers a great support in such situations.



JOIN IEI MEMBERSHIP

Come to mainstream with your fellow professionals to be a part of National Engineering Excellence, Engineers of all disciplines are requested to take Membership of The Institution of Engineers (India).

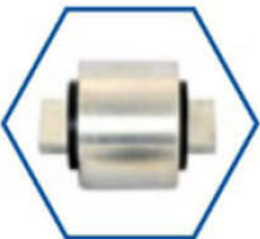
For details contact:

IE(I) Faridabad Local Centre at faridabadlc@ieindia.org or visit our website at www.ieifbdlc.in. We operate from 2ND Floor, Bank Building, J C Bose University of Science & Technology, Sector-6, Faridabad-121006.



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Er. Sandeep Handa, FIE
Chairman



Er. K. R. Gupta, FIE
Honorary Secretary

IE(I) FLCC MEMBERS FOR THE SESSION 2019-21



1st Row Standing
Left to Right

Er. D.K. Dewan, FIE ; Er. Sushil K Bajaj, MIE ; Er. J.P. Singh, FIE ;
Er. Kuldip Raj Gupta , FIE (Honorary Secretary);
Er. Sandeep Handa, FIE (Chairman); Er. J.P. Malhotra, FIE ;
Er. K.K. Narula, FIE ; Er. I.S. Oberoi, FIE ; Er. Manu Bindra, FIE

2nd Row Standing
Left to Right

Er. Lovkesh Ahuja, MIE; Er. Pankaj Kumar; Dr. Rajender Kumar, MIE;
Er. Ankur Mittal, MIE ; Dr. Pradeep Kumar, FIE ; Er. Pritpal Singh.

The Institution of Engineers (India)

AN ISO 9001 : 2015 CERTIFIED ORGANISATION
(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)

Er. Narendra Singh, FIE

BE(Civil), P.G.D.

President



Headquarters : 8 Gokhale Road, Kolkata 700020

Contact : 91- 33-22231979 / 40106204

E-mail : president@ieindia.org




A Century of Service to the Nation

MESSAGE

It is my immense pleasure to note that Faridabad Local Centre of The Institution of Engineers (India) is observing the 54th Engineers' Day on the theme "Engineers for Skill Development & Employment in Combating COVID" on 15 September 2021 to venerate the Birth anniversary of Sir Mokshagundam Visvesvaraya – an illustrious icon in the gamut of engineering fraternity. Faridabad Local Centre would also bring out a Souvenir to commemorate the celebration.

Due to COVID-19 pandemic since early 2020, global economy has been reeling under a downturn and as a consequence, many industries have adopted conservative approaches towards employment thereby putting financial stress on the employees and the job seekers. The pandemic has changed business processes and also opened several new business opportunities. Our engineering community needs to think of technical interventions and engineering solutions towards designing and developing a well-crafted strategy to deal with the employment crisis so that our workforce is empowered with the right skills for becoming more agile and resilient. I am sure that the guest speakers will highlight more on this subject for updation of the participants.

I convey my hearty greetings to all associated with this event on this significant day and laud the efforts of Faridabad Local Centre for conducting this celebration.


Er. Narendra Singh, FIE
President, IEI

Message



मूल चन्द शर्मा
Mool Chand Sharma



D.O. No. Tm/Hr/Ad/416/21

परिवहन, खान एवं मूल-विज्ञान, कौशल विकास और औद्योगिक प्रशिक्षण एवं निर्वाचन मंत्री, हरियाणा ।

Transport, Mines & Geology, Skill Development & Industrial Training and Elections Minister, Haryana

Dated. Chandigarh. 04 Sep. 2021

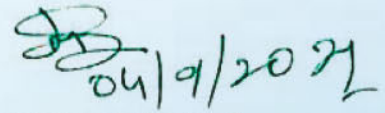
Message

It is a matter of great pleasure that The Institution of Engineers (India), Faridabad local center is celebrating 54th Engineers Day on 15th September 2021. The Institution of Engineers (India) observes Engineers Day every year on the birth anniversary of Bharat Ratan Sir Mokshagundam Visvesvaraya, to serve the community and nation in conformity with the ideals of this, Eminent Engineer & Statesman.

The theme for this occasion is "Engineers for skill Development & Employment is combating COVID"

I am confident that the topic will provide an opportunity to the members attached to this Centre to exchange their ideas and deliberate on the road map ahead on the subject while observing the birth anniversary of Bharat Ratna Sir Mokshagundam Visvesvaraya.

I Convey my warm gr5eetings to the participants and best wishes to the organi9zers for the grand success of the celebrations.


04/9/2021

(Moolchand Sharma)

कार्यालय : कमरा नं 49, तल 8, हरियाणा सिविल सचिवालय, चण्डीगढ़ ।
निवास : कोठी नं 75, सेक्टर 7, चण्डीगढ़ ।
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Email: tmharyana2019@gmail.com



The Institution of Engineers (India)

(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)

FARIDABAD LOCAL CENTRE

2nd Floor, Bank Building, J.C. Bose University of Science & Technology (YMCA),
Sector 6, Faridabad-121006, Ph.: 0129-2245008, E-mail : faridabadlc@ieindia.org



Er. Sandeep Handa

FIE, Chairman

+919818210660, sandeep.handa@ieifbdlc.in

"100 years of Relentless Journey Towards Engineering Advancement for Nation-building"

Dear Fellow Engineer,

It is a matter of great pride to pen down the message for Souvenir. My heart fills with immense pleasure as we all perceive the progress being made at The Institution of Engineers (India), Faridabad Local Centre.

I take this occasion to convey my deep appreciation to FLCC Office bearers and FLCC members who have contributed during these trying times with immense zeal and commitment to the current scenario in Pandemic Times. In this scenario we all need to take due care of personal safety and Govt. Regulation, so all of us would be taking due precaution in the interest of society.

I am gratified to know that we are celebrating 54th Engineers' Day on 15th September 2021 on the theme "Engineers for Skill Development & Employment in Combating COVID".

The entire engineering fraternity will certainly have to let go of the conventional mindset and think something out of the box to bring innovative answers to the way forward. As soon as the dust settles down on this eruption, the new sunrise would bring in new challenges of life and those, who transform and adapt faster, will win this race.

We commensurate and pay due respect to Sir Visvesvaraya, who is considered to be the Preeminent Engineer of India. Engineers' Day is dedicated to the hard work and effort of each and every engineer.

I extend my warm wishes to all the participants, our distinguished guests, IE(I) FLCC Members and team who have associated with us in making this event a success.

Er. Sandeep Handa

FIE, Chairman



The Institution of Engineers (India)

(ESTABLISHED 1920, INCORPORATED BY ROYAL CHARTER 1935)

FARIDABAD LOCAL CENTRE

2nd Floor, Bank Building, J.C. Bose University of Science & Technology (YMCA),
Sector 6, Faridabad-121006, Ph.: 0129-2245008, E-mail : faridabadlc@ieindia.org



Er. Kuldip Raj Gupta,
FIE, Honorary Secretary

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"100 years of Relentless Journey Towards Engineering Advancement for Nation-building"

It is indeed a great honor and privilege for me to extend a whole hearted welcome to all the delegates and the IE(I) members for 54th Engineers' Day Celebrations.

The theme of Engineers' Day 2021 is "Engineers for Skill Development & Employment in Combating COVID" which means Skill development holds the key to reinvent Indian workforce in times of Covid.

With rapidly changing nature of work, the pandemic has widened the fault lines in the skill development rubric of the nation. This is reflected by the common narrative across sectors that availability of skilled workers is an ever impinging concern for industries. Be it manufacturing or services, this sentiment resonates across the spectrum. As a response to it, India has been shifting gears to a world of virtual operations.

Therefore, a changed mindset coupled with efficient implementation of skilling strategy is required to make use of India's demographic dividend in such a way that there is a win-win situation for industries, workforce and the society at large.

I am sure that all the delegates attending this event will find it a stimulating and informative event.

BEST WISHES

Er. Kuldip Raj Gupta
FIE, Honorary Secretary

Mr. Saket Bhatia

Director

Bony Polymers (P) Ltd



Mr. Saket Bhatia is **Director** of **Bony Polymers (P) Ltd.** The company manufactures diverse range of Automotive Components.

Bony Polymers operates out of 4 States and 12 Manufacturing Plants and 6 Sales Offices all over India. From its inception in 1981, Bony Polymers has grown to be one of the leading components suppliers to most of the Automotive OEMs, Tier 1 Suppliers and Indian Railways.

Mr. Bhatia holds a **Bachelor's Degree** in **Mechanical Engineering** from **Thapar Institute of Patiala** and successfully completed a **Master's Degree** in **Business Administration** from **University of Kent, United Kingdom** in **2004**. He is **Six Sigma Black Belt Holder** too. After completing his management programme, he joined his family business and has been in **automotive parts business** since then.

He has also been actively involved in several professional bodies as given below :-

Offices held :-

Presently

- ▶ **Immediate Past President - Rotary Club of Faridabad Aravalli**
- ▶ **Confederation of Indian Industry (CII)**
 - **Active Member - Haryana State Council**
 - **Chairman (2021 / 2022) – Faridabad Zone (Haryana State Council)**
- ▶ **Automotive Components Manufactures Association (ACMA)**
 - **Active Member - Young Business Leader Forum (YBLF) & ACMA**
- ▶ **Faridabad Industries Association (FIA)**
 - **Active Member - The Executive Committee**



Er. Rtn. J.P. Malhotra
President
DLF Industries Association



DLF INDUSTRIES ASSOCIATION

C/o Bhartiya Valves Pvt. Ltd.
1-18, DLF Industrial Estate, Phase-1, Sector-32, Faridabad 121003
Ph.: 0129-4113329, 4113429, E-mail: dlfia.faridabad@gmail.com

Sir,

We at DLF Industries Association are pleased to know that Institution of Engineers Faridabad Local Centre is celebrating the 54th Engineers' Day on 15th Sept 2021.

Engineers' Day is a memorable day in the life of Engineers & Engineering Fraternity to reaffirm & rededicate their services and support for nation building. On this day, we pledge to provide engineering remedies and resources for the betterment of society, which in present context, is our direct contribution of society, which in present context is our direct contribution to making of 'Atmanirbhar Bharat' by killing and reskilling the youth of India, making them employable entrepreneurs.

I on my personal behalf would express my gratitude and congratulate the entire engineering fraternity having accepted wonder role and responsibility toward building of Modern India - a position envied by countries across the globe

With Best Compliments



B. R. Bhatia
President
(+91-9818000460)

FARIDABAD INDUSTRIES ASSOCIATION

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PHONES: 0129-2232136/5176
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Email fiafbd@gmail.com
CIN : U74140HR2015NPL055773

It gives me a great pleasure that The Institution of Engineers India, Faridabad Local Centre is celebrating the 54th Engineer's Day on 15th September 2021 with the theme "Engineers for Skill Development & Employment in Combating COVID".

On this occasion, I really appreciate the Engineering Fraternity for their active cooperation in helping the frontline medical workers during the COVID-19 pandemic by harnessing the technology. The Institution of Engineers (India) is playing a significant role in Advancement of Science, Technology and Engineering knowledge. I extend my warm wishes to the institute and hope that this institute will continue to flourish in the future also.

Message



VEER BHAN SHARMA
President-FIMTIA
Plot No: 820, Sec-69, IMT-FBD
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Faridabad IMT
Industries Association
Office : Plot No-282, Sector -68, IMT
Faridabad, 121004
E Mail: fimtia@gmail.com

IT gives me an immense pleasure to note that The Institution of Engineers (India) Faridabad Local Centre is observing 15th September 2021, as this year's Engineers Day.

This is a very important day for the engineering fraternity, as on this day Bharat Rat. Sir Mokshagundam Visvesvaraya, the precursor of economic planning in India, was born.

The theme for this year's commemoration of 54th Engineers Day of the Institution of Engineers (India), Engineers for skill development & employment in combating COVID is very appropriate in today's context.

I am sure that the deliberations on the topic of the celebration will benefit the society and other stakeholders.

I wish the event a grand success and convey my good wishes to the entire team.

Veer Bhan Sharma

Rajive Chawla
Chairman, IamSME of India



It fills me joy and wonderment how Engineering has witnessed a rapid evolution in the last few decades and how immensely it has contributed to the industrial and economic growth of our nation. It fascinates and gladdens me to see how engineering has made a long way and how beautifully it has shaped our world and impacted our lives making it simpler and smoother in many areas we have a long way to go and further improvise and aggrandize our engineering skills. It is crucial and make the use of advanced technology and modern techniques, think beyond your imaginations and break the ceiling with world class Engineering.

I take great pride in sating engineering and innovation drive growth, prosperity and high quality of life and you engineers, the budding minds, are the sole reason behind it. Lastly.

I congratulate you all on choosing this profession and a very happy and delightful Engineer's Day to you all. I convey my best wishes and extend my sincere thanks to The Institution of Engineers (India) Faridabad Local Centre for an eventful and enriching experience.



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54th ENGINEERS' DAY

Theme:

Engineers for Skill Development & Employment in combating COVID

September 15 is celebrated every year in the country since the year 1967 as "Engineers' Day" to commemorate the birthday of the legendary engineer Sir Mokshagundam Visvesvaraya. Sir Visvesvaraya, an eminent Indian engineer and statesman was born in a remote village of Karnataka, the State that is incidentally now the Hi-tech State of the country. Due to his outstanding contribution to the society, Government of India conferred "Bharat Ratna" on this legend in the year 1955. He was also called the precursor of economic planning in India. His learned discourse on Economic Planning in India, Planned Economy for India and Reconstructing India, was the first available document on the planning effort of the country and it is still held as the parent source matter for economic planners. A theme of national importance is chosen every year by the Council of the Institution and deliberated at its various State/Local Centres to educate the engineering fraternity in general and the society in particular. This year the 54th Engineers' Day will be celebrated all over the country on the theme "Engineers for Skill Development & Employment in combating COVID."

The heralding of a new decade in 2020 was marred with plummeting of the global economy pushing millions into penury as the COVID 19 pandemic took centre stage. Reeling under an economic downturn, many industries have adopted conservative approaches like hiring freezes, pay-cuts and layoffs to remain afloat while others were forced to shut down. The shutting of commercial establishments due to the second wave of COVID-19 has rendered several people jobless leaving them financially vulnerable.

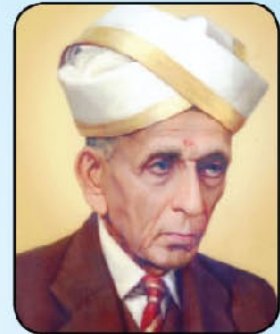
As we move along, the biggest challenge at hand will be getting back on track and accept the new normal. Under the new normal, the jobs, which are heavily dependent on migratory workforce and involve work spaces

with higher levels of physical proximity, are likely to see greater transformation and would require skilling and re-employing our workforce.

We, as professional engineers, need to think of technical interventions to design and implement sound labour market information systems, including accurate market assessment and need anticipation, and putting in place processes for skills recognition to prevent attrition, poor labour market integration and deterioration of working conditions for all workers.

There is a dire need to scale up Skill Development Ecosystem while strengthening our cloud based infrastructure. Access to skills recognition processes, especially for low- and medium-skilled migrant workers, will be crucial and would assist us in formulating policy recommendations for improvement of the relevant legislative and operational mechanisms.

The COVID-19 pandemic has provided us with an opportunity to come up with a well-crafted strategy to deal with this crisis. As uncertainty persists, it is imperative that our workforce is empowered with the right skills through timely and relevant skilling, upskilling and reskilling efforts. This will make our people more agile and resilient, and able to cope with the challenges posed by the current pandemic and what lies beyond.



Bharat Ratna Sir M Visvesvaraya



PANELIST-1

ER. SONAKSHI

Director, Technopan Industries

Engineers For Skill Development And Employment In Combating COVID-19

The corona virus pandemic has made the re skilling of employees more urgent. Workers across industries must figure out how they can adapt to rapidly changing conditions, and companies have to learn how to match those workers to new roles and activities. To meet this challenge, companies should craft a talent strategy that develops employees' critical digital and cognitive capabilities, their social and [emotional skills](#), and their adaptability and resilience. Now is the time for companies to double down on their learning budgets and commit to re-skilling. Developing this muscle will also strengthen companies for future disruptions.

COVID-19 has accelerated the adoption of fully digitized approaches to re-create the best of in-person learning through live video and social sharing. This transformation makes it possible to scale learning efforts in a more cost-effective way and permits greater personalization for learners—and in turn greater effectiveness. With sourcing and production moving closer to end users, the crisis could trigger a restructuring of supply chains. As companies localize or regionalize them, that will shift which skills are needed and where. In some cases, these changes may require relocating activities to other countries. Companies may pick up talent locally (through talent exchanges, for instance) but then will have to get new employees up to speed on their new roles. This is a re skilling challenge—but not one inside the walls of a company.

Author Introduction And Abstract of Paper



PANELIST-2



Dr. Rajender Kumar, MIE
Asst. Prof.
MRIIRS



Dr. Rahul Sindhwani
Asst. Prof.
Amity University

Challenges associated with technology in promoting Skill & Entrepreneurial Initiatives in combating COVID

For the young generation, it is a well-known fact that they are considered pillars of a nation and contribute to national growth enormously. In the pandemic situation, almost half of the young population is striving for survival. The reason for this is the slowdown in employment and the economic sector. For combat, it is necessary to enhance as well as upgrade the skill-set among those. Here, the technology sector plays a crucial role in skilling and striving for excellence. The technological sector can contribute directly by implementing the skill and entrepreneurial initiative. The present study will explore the technological sector's involvement in promoting Skill & Entrepreneurial Initiatives and reveals the challenges in combating the pandemic.



Er. Ankur Mittal, G M & Pgm Ldr- Energy Mgmt
NCB, Faridabad

PANELIST-3

Engineers For Skill Development And Employment In Combating COVID-19

COVID-19 has wreaked havoc on the job industry. To become a successful engineer, one needs to understand which skills are in demand now and which industry sectors are growing at the moment. Since the start of 2020, the world has been witnessing a health calamity with uncertain implications. The coronavirus under the pandemic of COVID-19 has wrought havoc, causing immense damage in terms of loss of human lives as well as financial and economic shortfalls.

Many industries reeling under an economic downturn have adopted conservative approaches like hiring freezes, payouts and layoffs to remain afloat while others were forced to shut down. The shutting of commercial establishments due to the second wave of COVID-19 has rendered several people jobless leaving them financially vulnerable. As we move along, the biggest challenge at hand will be getting back on track and accept the new normal. The jobs under the new normal are likely to see greater transformation and would require skilling and re-employing our workforce which are primarily dependent on migratory workforce and involve work spaces. We, as professional engineers, need to think of technical interventions to design and implement sound labour market information systems, including accurate market assessment and need anticipation and putting in place processes for skills recognition to prevent attrition, poor labour market integration and deterioration of working conditions for all workers.

There is a dire need to scale up Skill Development Ecosystem while strengthening our cloud based infrastructure. It has been an endeavor in this paper to highlight some of the key areas where engineers can play a vital role for skill development and career opportunities as a countermeasure of pandemic.



Author Introduction And Abstract of Paper

PANELIST-4



Dr. Anita Khosla
Professor, MRIIRS



Dr. Ashish Grover
Asst. Prof., MRIIRS



Dr. Richa Adlakha
Asst. Prof., MRIIRS

Engineers For Skill Development And Employment In Combating COVID-19

It has been a testing time for all to live through the coronavirus epidemic, which brought a series of predominant questions regarding how it will last, its impact on the economy and number of people going to be affected. The genetic structure of the virus [SARS-CoV-2] was sequenced within weeks of its detection with the help of both scientists and engineers. But the speed and scale of diagnostic tests for COVID-19 have improved greatly by Engineers using Artificial Intelligence, Automation, and Process Control. Another area where engineers are playing a role is in the scale-up of therapeutics and vaccines by applying AI and Machine Learning. As when one goes from making 100 doses to a billion doses, that's a huge engineering challenge. The same is true for manufacturing therapeutics. One of the many processes used in manufacturing is 3D printing used by engineers, as it allows them to make copies of precise items several times over. Engineers are also working hard to preserve the veracity of the supply chain. Biomedical Engineers also have been putting their normal tasks to one side to build ventilators and PPE (personal protection equipment) for the increasing numbers of patients with COVID-19. Every time there's a crisis or a major problem, there are opportunities that lead to improvements. For eg. there will be more people with ideas about how to distribute things — leading to more Amazon-like companies for innovations in rapid diagnostics; the Holy Grail is a home test for COVID-19. These will all produce jobs. There will be new online platforms. Much of the economy will come back in information technology and manufacturing — and then in the service industry. In fact, COVID will lead to more economic development once we control it. So, Engineers are putting their best foot forward in combating this virus but they have also created lot of employment opportunities as well by creating lot of start-ups.

PANELIST-5



Dr. S.V.A.V Prasad
Dean & Director,
Lingaya's Vidyapeeth, Faridabad



Mr. Nikhil Kaushik
Research Scholar
Lingaya's Vidyapeeth

Effective Employment Opportunity With Implementation Of Skill Development At Pre And Post Pandemic Period (COVID)

COVID has significantly affected the human life and economy. Even with the help of modern science and medical development COVID has put the restrictions in everyone's life. This is the right time for engineers and scientists to serve the world even more and to help in development of the virtual reality, digital training and e-health care services where one can have scope for employment as well. Corporate can play a big role post pandemic by fulfilling the corporate social responsibility to form new ways to fight against the pandemic. To enhance the virtual digital services, skill development is necessary which can be done by the short term training programs and training the trainers by incorporating the Internet Of Things (IOT) and Machine Learning (ML). In the time of pandemic visiting hospitals or medical service provider is risky, these visits can be reduced with the help of digital technologies. With the help of these technologies it's a win-win situation which is helpful in follow-up, efficiency improvement and optimization of sessions between medical practitioners and patients at distant areas. Technology has made us capable of solving most of the problems with the help of video or virtual aids, which provides contact less solution for speedy recovery and elimination of COVID without compromising the safety of patient and medical facility provider.



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CONGRATULATIONS

54th Engineers' Day 2021



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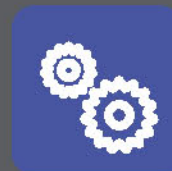
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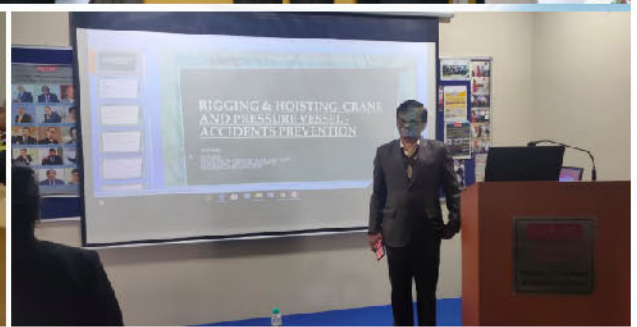
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IE(I) TECHNICAL WEBINAR

IE(I) FBD LC TECHNICAL
LECTURE MEETING WEBINAR

DATE & TIME
7th August 2021
1700 hrs

The Institution of Engineers (India)
Faridabad Local Centre
Organizes IE(I) Technical Lecture Meeting Webinar on

ROLE OF MECHANICAL ENGINEERS IN MEETING OXYGEN DEMAND FOR COVID 19 PANDEMIC

Welcome Address By

Dr. Sandeep Handa, IIS
Chairman, FBD LC

Vote of Thanks By

Dr. K.R. Gupta, FIC
Hon' Secretary, FBD LC

MODERATOR

Dr. Anur Mittal
Group Manager & Program Lead
Energy Management
National Council for Comfort
and Building, Faridabad

KEY NOTE SPEAKER

Dr. Sameer Kumar
Co-founder, Delta And
Associates

EMINENT PANELIST

Dr. Ravi Shankar Gupta, FIC
POA External Faculty

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Meeting ID: 894 6438 4657 : Passcode : iefic

IE(I) FBD LC WEBINAR

DATE & TIME
5th June 2021
1700 hrs

The Institution of Engineers (India)
Faridabad Local Centre
Organizes Webinar on

WORLD ENVIRONMENT DAY

THEME

ECOSYSTEM RESTORATION

Welcome Address By

Dr. Sandeep Handa, FIC
Chairman, FBD LC

Vote of Thanks By

Dr. K.R. Gupta, FIC
Hon' Secretary, FBD LC

MODERATOR

Dr. Pradeep Mishra, MIE
CEO, Technoson
Industries

EMINENT PANELISTS

Dr. Ashish Bansal, M.Tech, PhD
Vice President
Galaxy Magnesium Ltd., Gurgaon

Dr. Seeta Beddave
Professor Biotechnology
Executive Director & Dean
Research, MRRIS

Dr. Anur Mittal
Group Manager & Program Leader -
Energy Management
National Council for Comfort
and Building, Faridabad

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IE(I) FBD LC TECHNICAL
LECTURE MEETING WEBINAR

DATE & TIME
25th JUNE 2021
1700 hrs

The Institution of Engineers (India)
Faridabad Local Centre
Organizes IE(I) Technical Lecture Meeting Webinar on

UTILITY & IMPORTANCE OF MATHEMATICAL SCIENCE IN ENGINEERING SOLUTIONS

Welcome Address By

Dr. Sandeep Handa, IIS
Chairman, FBD LC

Vote of Thanks By

Dr. K.R. Gupta, FIC
Hon' Secretary, FBD LC

MODERATOR

Dr. Rajender Kumar, MIE
Assistant Professor,
MRRIS

EMINENT PANELISTS

Dr. Vijay Kumar
Professor in
Mathematics, IIT
Madras

Dr. Babul Singh
Assistant Professor, Mech. Engg
Army School of Engg. &
Technology, Army University
Huda

Dr. Anil Kumar
Senior Lecturer (Associate
Professor)
London Metropolitan
University

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IE(I) FBD LC TECHNICAL LECTURE
MEETING WEBINAR

DATE & TIME
17th April 2021
1100 hrs

The Institution of Engineers (India)
Faridabad Local Centre
Organizes Technical Lecture Meeting Webinar on

Transition To Cyclic Process Of Waste Management

Welcome Address By

Dr. Sandeep Handa, IIS
Chairman, FBD LC

Vote of Thanks By

Dr. K.R. Gupta, FIC
Hon' Secretary, FBD LC

MODERATOR

Dr. L.S. Oberoi, FIC
Director
A.D. Global Synergies Pvt. Ltd.

EVENT COORDINATOR

Dr. Rajender Kumar, MIE
Assistant Professor, MRRIS

EMINENT PANELISTS

Dr. S.K. Harsh
Associate Professor
Dept. of Environmental Engg
Delta Technological University

Dr. Rajesh Chatterjee
Director
Gaspetro Energy Projects (P) Ltd.
CPM Group, Jharkhand

Dr. Jyoti Bansal
Professor & Head
Dept. of Civil Engg
MRRIS

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IE(I) TECHNICAL WEBINAR

IEI Technical Webinar

Webinar ID : 424-831-931

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Under the aegis of
Electrical Engineering Division

Date & Time
05 December 2020
16.00 hrs - 19.00hrs

Role of Renewable Energy for Reducing Green House Gas Emissions

Welcome Address by Mr Sandeep Handa
Chairman
Faridabad Local Centre

Address by Mr P Rajamani
Chairman
Electrical Engineering Division Board, IEI

Presidential Address by Er Narendra Singh
President, IEI

Concluding Remarks by Prof Swapn Bhaumik
Chairman
Committee for Advancement of Technology and Engineering, IEI

Vote of Thanks by Mr Kuldip Raj Gupta
Honorary Secretary
Faridabad Local Centre

Panelists

Er Ankur Mittal
Joint Managing Director, Satoru & Partners, India Energy Management, Gurgaon, Faridabad

Dr Rakesh Jain
Senior General Manager
Falcon Ltd, Gurgaon, Faridabad

Mr D Handi
General Manager, In-charge
JEE Power Systems & Heat of Project, NTPC, Faridabad

Mr Himangshu Saha
General Manager
NTPC, Faridabad

Mr R P Deshpande
Assistant Secretary, M.I.T. Aurangabad
and Consultant, to Capacitors & Energy Management

Er Pradeep Mallah
CEO
Technopan Industries

Moderator

Er Pradeep Kumar
President, Electronics Engineering & New Technology of Science and Technology, YMC, Faridabad

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IEI Technical Webinar

Webinar ID : 163-885-563

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Under the aegis of
Electronics and Telecommunication Engineering Division

Date & Time
03 July 2021
18:00 hrs-19:00 hrs

E Waste- A Challenge for Sustainable Development

Welcome Address by Mr Sandeep Handa
Chairman
Faridabad Local Centre

Address by Prof (Dr) T S Kamal
Chairman
Electronics and Telecommunication Engineering Division Board, IEI

Presidential Address by Er Narendra Singh
President, IEI

Concluding Remarks by Prof Swapn Bhaumik
Chairman
Committee for Advancement of Technology and Engineering, IEI

Vote of Thanks by Mr Kuldip Raj Gupta
Honorary Secretary
Faridabad Local Centre

Panelists

Dr Anita Khosla
Professor, Electrical & Electronics Engineering, School of Engineering & Technology, MNRU, Faridabad

Er K K Malajan
Deputy Executive, Maharashtra H. H. Nagar, JCB Limited, Gurgaon and S&S Chemicals, Gurgaon (Haryana) & Auroville, Tamil Nadu

Dr Manu Sharma
Joint Project Fellow, Indian Institute of Space Science and Technology, Thiruvananthapuram, Kerala

Mr Sandeep Ganguly
Faridabad New-IT Park, Management Institute, No. 113, New Park

Moderator

Dr Pradeep Kumar
President, Electronics Engineering & New Technology of Science and Technology, YMC, Faridabad

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[A Scientific and Industrial Research Organisation] A Century of Service to the Nation
IEI Technical Webinar on

Date & Time
28 August 2021
16:00 hrs-18:00 hrs

Electric Vehicles: The Future of Energy & Mobility for Sustainable Development

Organised by

The Institution of Engineers (India), Faridabad Local Centre

Under the aegis of

Electrical Engineering Division

Welcome Address by Mr Sandeep Handa
Chairman
Faridabad Local Centre

Address by Mr P Rajamani
Chairman
Electrical Engineering Division Board, IEI

Presidential Address by Er Narendra Singh
President, IEI

Address by Prof Swapn Bhaumik
Chairman
Committee for Advancement of Technology and Engineering, IEI

Vote of Thanks by Mr Kuldip Raj Gupta
Honorary Secretary
Faridabad Local Centre

Panelists

Er Dinesh Aggarwal
Joint Managing Director, Panasonic Life Solutions India Pvt. Ltd., Head - New Business (ISAMEA Region)

Dr Ashish Grover
Assistant Professor, Electrical & Electronics Engineering Faculty of Engineering & Technology, MNRU, Faridabad

Mr R P Deshpande
Adjunct Faculty, M.I.T. Aurangabad and Consultant for Capacitors & Energy Management

Er Sonakshi
Director, Technopan Industries, Faridabad

Moderator

Er Pradeep Mallah
CEO
Technopan Industries, Faridabad

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DATE & TIME
14th SEP 2021
1700 hrs

The Institution of Engineers (India) Faridabad Local Centre

Organizes

54th ENGINEERS' DAY-2021

THEME

Engineers for Skill Development & Employment in
Combating COVID

Welcome Address By



Er. Sandeep Handa, FIE
Chairman, IE(I) FBD LC

Vote of Thanks By



Er. K.R. Gupta, FIE
Hon' Secretary, IE(I) FBD LC

EMINENT PANELISTS

PANELIST-1



Er. Sonakshi
Director,
Technopan Industries

PANELIST-2



Dr. Rajender Kumar, MIE
Asst. Prof.,
MRIIRS



Dr. Rahul Sindhwani
Asst. Prof.,
Amity University

PANELIST-3



Er. Ankur Mittal
G M & Pgm Ldr- Energy Mgmt
NCB, Faridabad

PANELIST-4



Dr. Anita Khosla
Professor, MRIIRS



Dr. Ashish Grover
Asst. Prof., MRIIRS



Dr. Richa Adlakha
Asst. Prof., MRIIRS

PANELIST-5



Dr. S.V.A.V Prasad
Dean & Director
Lingaya's Vidyapeeth



Mr. Nikhil Kaushik
Research Scholar
Lingaya's Vidyapeeth

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