

IEI BELAPUR

BULLETIN



Editor : Dr. Samir C. Nimkar



J. N. Mistry
Chairman

The Institution of Engineers (India)

Belapur Local Centre

NEWS & VIEWS



S. P. Singh
Hon. Secretary

From Secretaries' Desk

Dear Members,

The Local Center at Belapur is contributing significantly in technical awareness to the industries in various disciplines through regular lectures of eminent speakers. In an Era of advance technology and new techniques, we continuously strive for innovation and enhance technical effectiveness. Digitisation of industry is buzzword for today's industrial revolution. With this theme we have celebrated Engineers Day at Belapur Local Centre. Internet of Things (IoT) and Industry 4.0 concept was understood during this theme.

We have also celebrated Royal Chartered Day. The Institution of Engineers (India) [IEI] is a Statutory Body to promote and advancement in engineering and technology, established in 1920 and incorporated by Royal Charter on 9th September 1935. It is the largest multi-disciplinary professional body of Engineers encompassing 15 (fifteen) engineering disciplines with a membership of more than 8.20 lacks, and serving the nation for more than 9 decades. September, 09 of every year, is observed as Royal Charter Day by all Centres of IEI. On this auspicious day, Royal Charter of Incorporation was granted to IEI by His Majesty, The King and Emperor George V at the Court at Buckingham Palace, London.

Apart from the Statutory Days, lectures on various topics like Microelectronics in R & D - Training and Career Opportunity, Essential of Geo-technical Investigations for Optimum Project Costs, Total Quality Management: Strategic Approach, Aggregates for Concrete, Role of Polymers in Building & Construction, Case Study of Basement Car Park Deck Protective Flooring Solutions & System are organised in last two quarters. The reports and photos are given in this Bulletin.

It's good to mention that our student chapters are becoming more active now in organizing the technical activities. IEI Belapur in Association with FCRIT, Vashi are jointly organising Research Excellence awards in Jan 2019. I request all the members to encourage the deserving candidates to participate in various categories for this award.

I thank all the members for their support for organising various activities at our Centre.

With Regards
Er. S.P.Singh FIE
Hon. Secretary

LIST OF SEMINAR

| Sr. No. | Topic | Date | Speaker |
|---------|--|--------------------------------|---|
| 1 | Lecture on “ Microelectronics in R & D- Training and Career Opportunity | 07th April 2018 (Saturday) | Dr. Satyanarayana Bheesettee Ph. D. Scientific Officer (H) Dept. of High Energy Physics, Tata Institute of Fundamental Research, Mumbai |
| 2 | Lecture on “Essential of Geo-technical Investigations for Optimum Project Costs” | 1st June 2018 (Friday) | Er. Sandip Deshpande Project Head Renuka Consultant |
| 3 | Lecture on “Celebration of World Environment Day- Beat Plastic Pollution” | 8th June 2018 (Friday) | Er. V. C. Kamble Past. Chairman of IEI BLC Rtd. Add. C.E., CIDCO LTD. |
| 4 | Lecture on “ Total Quality Management: Strategic Approach” | 12th June 2018 (Tuesday) | Dr. R.P. Mohanty FNAE, Former Vice Chancellor, SOA University, Bhubneshwar & Former Vice President, ACC Mumbai. |
| 5 | Lecture on “Aggregates For Concrete” | 22nd June 2018 (Friday) | Er. Sadanand Govilkar Entrepreneur |
| 6 | Lecture on “Role of Polymers in Building & Construction” | 03rd August 2018 (Friday) | Mr. Mehulkumar Panchal Technical Executive Sales Apcotex Industries Ltd. |
| 7 | Lecture on “Case Study of Basement Car Park Deck Protective Flooring Solutions & System” | 06th Sept. 2018 (Friday) | Mr. Chandrashekar Sharma National Product & Business Segment Manager, MYK SCHOMBURG |
| 8 | Celebration of Royal Charter Day | 09th Sept.2018 (Sunday) | Mr. Shishir Jagtap Asst. Professor SIES Nerul & Mr. S. P. Singh Hon. Secretary IEI BLC |
| 9 | Celebration of 51st Engineers Day | 16th Sept. 2018 (Sunday) | Mr. Biswa Das Rolta India Ltd. Mumbai |
| 10 | Health Awareness Seminar | 28th Sept. 2018 | Mr. Rajesh Singh |

Celebration of Engineers Day

Our flagship event “Engineers Day” was celebrated at Belapur Local centre. This year the 51st Engineers’ Day was celebrated on the theme “Digital Transformation: A New Industrial Revolution” to mark the occasion. The fourth industrial revolution seeks to develop, strengthen and promote a wide range of digital technology which includes artificial intelligence, robotics, sensors, data analytics, mobile, cloud; etc. Information Technology will play an important role in driving digital transformation strategy and The Internet of Things holds significant promise for delivering social and economic benefits to emerging and developing economies.

The Institution of Engineers (India) being the apex body of engineers in India is committed for societal development of the country and lays special emphasis on initiatives to accentuate digital transformation as a part of this industrial revolution. The Institution of Engineers (India) is a strong advocate of the Digital Learning initiatives being undertaken by the Government of India with emphasis on contemporary subjects like Internet of Things (IoT) based applications.

Program was started with garlanding statue of Bharat Ratna Sir M. Visvesvaraya followed by lighting lamp. Mr. V.C. Kamble , Past Chairman gave welcome speech. Mr. S.P. Sigh, Hon. Secretary briefed about biography of Bharat Ratna Sir M. Visvesvaraya. Keynote speaker Mr. Biswa Das from Rolta India , Mumbai enlightened the audience about Digitisation in Industry and Internet of things. He has covered the topic with real examples . Mr. M.B. Dagonkar summed up the program. Vote of thanks was presented by Prof. P.N. Tandon, Past Secretary.

Photo Gallery



Garlanding of Sir Visvesarray Statue



Celebration of Royal Charter Day



Felicitation of Dr. Satyanarayana Bheesettee, TIFR.



Tree plantation on World Environment Day by Mr. S. P. Singh, Hon Secretary and Mr. P. N. Tandon, Past Chairman.



Mr. Sanjay Bagul, MCM felicitating Mr. V. C. Kamble, Past Chairman.



Dr. R. P. Mohanty, FNAE, Former Vice Chancellor, SOA University, Bhubneshwar & Former Vice President, ACC Mumbai delivering lecture.

Photo Gallery



Mr. Mohan Dagoankar, Council member and City Engineer, NMMC being felicitated for becoming assistant commissioner of NMMC.



Celebration of Engineers Day



Mr. Mohan Dagoankar, Council Member & City Engineer NMMC presenting memento to Mr. Biswa Das (From right Mr. S.P. Singh, Hon Secretary & Mr. Jaswant Mistry, Chairman)



Mr. Biswa Das presenting seminar

President Visit



Mr. Mohan Dagaonkar, Council Member offering bouquet to Mr. Sisir Kumar Banerjee, President, IEI



Mr. Sisir Kumar Banerjee, President, IEI with MCM, IEI BLC.

New Office infrastructure



New Library and Reading Room



Student Chapter Activities

“Poster and Rangoli Competition”

Poster and Rangoli Competition jointly organized by IEI Student’s Chapter of Department of Electrical Engineering commenced on 31st August, 2018 at 2:00 PM. Total 25 groups participated in the competition.

The topics for Poster and Rangoli competition as follows:

Topics for Poster & Rangoli competition:

1. Renewable Sources of Energy, 2. Digitization, 3. Plastic Ban, 4. Kerala Floods, 5. Women Empowerment, 6. What is Engineering to you?, 7. Save Power, Save electricity

All the Posters and rangoli were judged by Principal, Dr. Chelva Lingam and

Dr. Mathew T. Joseph along with judges according to the criteria decided. Best two posters and rangoli were awarded with prizes in the form of trophy and certificates. All other participants were also given the certificates. The programme concluded at 4:15 pm with some guidelines given by the judge for participating and doing good work for technical programmes.

Student Chapter Activities



(Dr. Chelapa Lingam, Principal, PHCET questioning SE electrical students about the poster.)



Dr. Chelapa Lingam, Principal, Pillai HOC college of Engineering and Technology reviewing the Rangoli on Women Empowerment



TE electrical students explaining about their poster



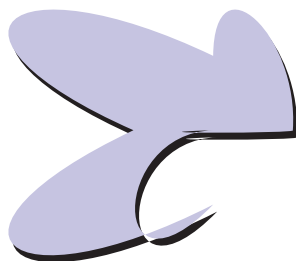
Participants of mini project competition



Dr. Chelapa Lingam, Principal, Pillai HOC college of Engineering and Technology, Dr. Mathew T. Joseph, Prof. Pranita Chavan, I/C HOD, of Electrical Department, Dr. Tejaswini Nalamutt, I/C HOD of Civil Department, Prof. Monisha Mohan, I/C HOD, of IT Department, IEI students and Electrical department staff.

Vashi FCRIT IEI Students' Chapter (Electrical)

- An intra departmental mini project competition was held on 21/07/2018 for 5th semester students
- 18 groups of 4 members each participated in the competition.
- The groups were judged by Mr. Mahesh Kumbhar, Power Electronics Engineer, Selec Controls Pvt. Ltd., Mahape
- A cash prize of 2000/- for first winners, 1500/- for the second winners and 1000/- for third winners were awarded along with the certificates.
- A motivational talk by Mr. Aditya Paranjpe, HeadIoT, Kloudq Technologies Limited, Pune was arranged for the 3rd and 4th year students on 6th July 2018. He is the Ex student of the college.
- Also an expert lecture was arranged on topic "Energy Efficient Transformers and Induction Motors" by Ms. Trisha Jaiswal, Engineer, Thyssenkrup, Mumbai on 21st August 2018



The Institution of Engineers (India)

Belapur Local Centre

and

Fr. C. Rodrigues Institute of Technology, Vashi

Jointly Presents

IEI-FCRIT Excellence Awards

The Institution of Engineers (India) Belapur Local Centre and Fr. C. Rodrigues Institute of Technology, Vashi (Navi Mumbai) have jointly instituted 'IEI-FCRIT Excellence Awards' for recognising and appreciating the excellence of Academicians and Industries in their respective domains. The major categories and sub-categories of the award are as follows.

| Sr. No. | Award Category | Award Sub-Category |
|---------|---------------------|--|
| 1. | Research Excellence | <ul style="list-style-type: none"> - Students (UG) - Students (PG) - Students (PhD) - Teaching Faculty - Researcher from Industry - Researcher from Govt. Organization |
| 2. | Academic Excellence | <ul style="list-style-type: none"> - Student - Teaching Faculty - Head of the Department - Principal - Institute |
| 3. | Industry Excellence | <ul style="list-style-type: none"> - Contribution towards Technology Development - Contribution towards Society - Contribution towards Education |

- The awards will be given during the 3rd IEEE Technically co-sponsored Biennial International Conference on Nascent Technologies in Engineering 2019 (ICNTE 2019) to be held at Fr. C. Rodrigues Institute of Technology, Vashi on January 4-5, 2019.
- In each sub-category, only one award will be given after the blind review of the application/proposal received. Award consists of memento and certificate.
- The credentials of the shortlisted candidates will be verified by the review committee.
- A nomination fee of Rs. 1,180/- (including 18% GST) will be charged to each proposal in every sub-category to take care of the logistics and honorarium.
- The interested and deserving candidates can submit their nominations online (Visit <https://icnte.fcrit.ac.in> and look for Additional Events Under ICNTE 2019).
- The Excellence Award Laureates will be intimated through email and will be invited to the valedictory function of ICNTE 2019 on 5th January 2019 to receive the awards.
- Last date of application is 31/10/2018.
- In case of any doubts/clarifications, please mail to mini.rajeev@fcrit.ac.in or aparna.nayak@fcrit.ac.in (Contact No. 27771000 Extn.327).

List of Winners are: -

| Sr.No. | Roll.No. | Name of Students | Title of Project | Remarks |
|--------|----------|------------------|--|-----------|
| 1. | 401604 | ChavanHimanshu | Electronic Voting Machine | 1st Prize |
| | 401605 | Das Sayantan | | |
| | 401606 | DeshpandeTejas | | |
| | 401615 | HanglooAnkit | | |
| 2. | 401641 | PatilVarun | Solar Tracker using Arduino | 2nd Prize |
| | 401656 | ShiroreYashshri | | |
| | 401659 | Steffin Mathew | | |
| | 401635 | Narkhedesrushti | | |
| 3. | 401666 | RostanD'Mello | Magnetic locking power amplifying System | 3rd Prize |
| | 401670 | Prajakta J Makhi | | |
| | 401675 | Pratik R Raut | | |
| | 401678 | Saurabh R Shelke | | |

Vashi FCRIE IEI Students' Chapter (Electrical)**The Institution of Engineers (India)****BELAPUR LOCAL CENTRE**

Plot No. 106, Sector - 15, C. B. D. Belapur, Navi Mumbai - 400 614.

Er. Jaswant N. Mistry FIE
Chairman**Er. S. P. Singh** FIE
Hon. SecretaryTel.: 022-27579935
Email : belapurlc@ieindia.org
Web. : ieibelapur.org***“99 Years of Relentless journey towards
Engineering Advancement for Nation-building”***

IEIBLC/No:06

9th October, 2018

NOTICETo,
All IEI Members
Belapur Local Centre
The Institution of Engineers (India)**SUBJECT:-25th Annual GENERAL MEETING of
The Institution of Engineers (India) - Belapur Local Centre (IEIBLC)**

Dear Friends,

The 25th Annual General Meeting of Belapur Local Centre of the Institution of Engineers (India) will be held on 30th October 2018 at 7.00 pm at the Podium Level Auditorium of the Institution's Building at above address to consider following agenda:

1. To confirm the minutes of meeting of the 24th Annual General Meeting of the Belapur Local Centre held on 27th October 2017.
2. To Consider the Annual Report of the Belapur Local Centre and the Adit Report for the Year 2017 -18
3. Appointment of Auditor for the year 2018-2019 and to fix their remuneration.
5. To announce the result of the Chairman and Hon. Secretary for 2018-2020 Session.

You are requested to actively participate in the meeting with your valuable suggestions to help the growth of our centre.

Thanking You,

Yours Faithfully,


(Er. S. P. Singh)
Hon. Secretary

Enc:

1. Minutes of the 24th Annual General Meeting held on 22nd October 2017
2. Copy of the Adited Accounts along with Audit Report for the year 2017 - 2018 including Balance Sheet. etc.
3. Annual Meeting Followed by Dinner.

Agenda approved by the Chairman, IEI, BLC
Jaswant N. Mistry
Chairman

Please communicate your E-Mail ID, Mobile/Landline Number, along with Membership No. to IEI Belapur Centre at our E-Mail ID: belapurlc@ieindia.org / Telephone : 022 – 27579935

Printed and Published by Dr. Samir C. Nimkar on 10th Oct. 2018 on behalf of
The Institution of Engineers (India), Belapur Local Centre, at Plot No. 106, Sector-15, CBD Belapur, Navi Mumbai-400 614.**99 YEARS OF RELENTLESS JOURNEY TOWARDS ENGINEERING ADVANCEMENT FOR NATION-BUILDING**