



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,

It gives me immense pleasure by releasing first quarter bulletin of year 2018. We are glad that student chapters are now organizing various technical activities. Some of the activities of student chapters have been included in this bulletin. It's our endeavor to increase number of student chapters under the terrain of Belapur Local Center. More and more members are now attending various technical activities organized at Belapur local center.

We have celebrated "World Water Day" at our center on theme "Nature for Water" provided by HO. Environmental damage, together with climate change, is driving the water-related crises we see around the world. Cape Town, a city of the South Africa running out of water "Day Zero" gives strong message to entire world to think, review and monitor the environments situation on regular basis. Floods, drought and water pollution are all made worse by degraded vegetation, soil, rivers and lakes. When we neglect our ecosystems, we make it harder to provide everyone with the water we need to survive and thrive. Nature-based solutions have the potential to solve many of our water challenges. We need to do so much more with 'green' infrastructure and harmonize it with 'grey' infrastructure wherever possible.

IEI is publishing journal with M/s Springer (India) Pvt Ltd, New Delhi. Both IE (I) and Springer have agreed for the common cause of improvement in the quality of journals, impact factor, and citation index and also to bring the Journals within the reach of one and all in all corners of the globe. I appeal to engineers to become the member of IEI and take the opportunity to showcase your talent, publish your quality work in these journals.

I thank all members and student chapters for their support to technical activities of our center.

S. P. Singh
Hon. Secretary

World Water Day

World water was celebrated at Belapur Local Center on 24th March 2018. This year's theme was "Nature for Water – explores how we can use nature to overcome the water challenges of the 21st century". Environmental damage, together with climate change, is driving the water-related crises we see around the world. Floods, drought and water pollution are all made worse by degraded vegetation, soil, rivers and lakes. When we neglect our ecosystems, we make it harder to provide everyone with the water we need to survive and thrive. Nature-based solutions have the potential to solve many of our water challenges. We need to do so much more with 'green' infrastructure and harmonize it with 'grey' infrastructure wherever possible. Planting new forests, reconnecting rivers to floodplains, and restoring wetlands will rebalance the water cycle and improve human health and livelihoods.

Program was started with garlanding statue of Sir M. Visvesarraya. Mr. J. N. Mistry, Chairman, gave welcome speech. Mr. V. C. Kamble, Past Chairman IEI, BLC first speaker, elaborated the relation between nature and water. He also explained the effect of environment pollution on water bodies. Second speaker Mr. M. B. Dagonkar, City Engineer (NMMC), Past Chairman BLC & MSC, Council Member of IEI presented efforts carried out by NMMC to save and reuse water. Water from NMMC treatment plant will be treated up to tertiary level and will be provided to nearby by industries after matching their required criteria.

Mr. R. K. Modi, Past Chairman summed up the program and Mr. Shashi Prakash Singh, Honorary Secretary of the Centre, proposed the vote of thanks.

Above lectures are available at YouTube

Link <https://www.youtube.com/watch?v=JQ40ERHIHdg>

<https://www.youtube.com/watch?v=YmYKU2C2wI8>

<https://www.youtube.com/watch?v=xjpMt9I86ZM>

List of Seminars

Sr. No.	Topic	Date	Speaker
1.	Effective use of STAADpro Software for Structural Analysis & Design	25-01-2018	Mr. Hemant Vadalkar, owner of Vadalkar and associates
2.	M.O.C. & Design of Piping System For Pumps Handling Corrosive Liquids	02-02-2018	Mr. R. P. Sharma, Technical Consultant
3.	Structural Waterproofing with Bituminous Membrane	16-02-2018	Mr. Swapandeeep Choudhary, Head Strategic Account (Pan India) Key Project (West) Sika India Pvt. Ltd.
4.	Chemical solutions for ground consolidation and underground construction	23-03-2018	Mr. Sourish Nanda, Technical Head, Normet India Pvt. Ltd.
5.	Celebration of World Water Day	24-03-2018	Mr. Mohan B. Dagaonkar, City Engineer (NMMC), Past Chairman, Council Member of IEI Mr. V. C. Kamble, Past Chairman, IEI, BLC

Glimpse of Seminars



Garlanding statue of Sir M. Visvesaraya



Mr. S. P. Singh Hon. Secretary (Left) presenting memento to Mr. R. P. Sharma



Garlanding statue of Sir M. Visvesaraya



(From left) Mr. M. B. Dagaonkar , Concil Memembr , Mr. S. P. Singh, Hon. Secretary, Mr. J. N. Mistry, Chairman and Mr. V.C. Kamble, Past Chairman



Mr. V. C. Kamble, Past Chairman presenting his talk.



Audience during world water day celebration.

Activities of IEI STUDENTS' CHAPTER of Fr. C. Rodrigues Institute of Technology

All the students of electrical department are members of the IEI students chapter. From the second year students four members are selected as the council members for the academic year 2017-18. The duration of the council is for one year.

The following events were conducted by the IEI students' chapter for the academic year 2017-18

IEI EVENTS 2017-18

- ★ Mini Project competition
- ★ Intra Departmental Quiz
- ★ Expert lectures

1. Mini Project competition:

A mini project competition was held during summer vacation for the 2nd year B.E students and cash prizes were given for the winners.

2. Quiz:

An intra departmental quiz competition was held on 19 January 2018. a) Rapid fire round: This round required the contestants to have knowledge of both technical and non-technical questions. b) Visual and general knowledge: Each team had to answer 6 questions and each question was given 30 seconds to answer. c) Technical round: This round required the contestants to use their entire knowledge of subjects they had studied till now. Each team had to answer 6 questions within 30 seconds.

The quiz was conducted successfully and the winning team and the 1st runner up team were awarded with certificates.

3. Expert Lectures:

The students of FCRIT were guided by experts on various topics. Around 17 expert lectures were conducted by the electrical department for students of semester 8, 6 and 4 by experts from different fields.



Expert Lecture on DSP in Power Electronics



Activities of IEI STUDENTS' CHAPTER of Mahatma Education Society Pillai Hoc College of Engineering & Technology, Rasayani

Opportunities in Core Electrical Engineering

Guest lecture was organized by Department of Electrical Engineering, Pillai HOC college of Engineering and Technology, Rasayani on 23rd February 2018 in the Conclave Hall-I at 2:30 p. m. Prof. Aamir Shaikh introduced the speakers Mr. Ankush Pawar and Mr. Milind Thekedar, both Managing Director JBS Enterprises Pvt.Ltd.The speech was centered on "Placements" in government sector jobs which can be achieved by other means that is working in core area for 02-03 years and based on that experience students can apply for higher post job in various electricity boards of our country. The session was concluded with a question answer session at 4:00 p.m. Faculty members also co-ordinated to conduct the guest lecture successfully. There were around 50 participants and Training & Placement staff.



Guest speaker Mr. Ankush Pawar
delivering lecture



Guest speaker Mr. Milind Thekedar
delivering lecture

Quality of measurement of Electrical Parameters

Guest lecture was organized by Department of Electrical Engineering, Pillai HOC college of Engineering and Technology, Rasayani on 22nd March 2018 in the 1st floor Conclave Hall 1 at 2:30 p. m. Prof. Aamir Shaikh introduced the speaker Mr. B. Bhattacharya, Director of Systems & Training has been a quality initiator and quality practitioner for the last forty-seven years and is a known figure in specific quality arena. He is also a Certified Lead Auditor for ISO 9001 QMS and also a Lead Assessor for the National Accreditation Board for Test and Calibration Laboratories (NABL).The guest speaker gave an extensive speech on Quality measures for all



IEI students and Electrical Engineering department staff

the participants with the emphasis on need of quality in measurement of Electrical Parameters. The session was concluded with a question answer session at 4:00 p.m. Faculty members also co-ordinated to conduct the guest lecture successfully. There were around 120 participants and departmental staff.

Please communicate your E-Mail ID, Mobile/Landline Number, along with Membership No. to IEI Belapur Centre at our
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