



IEI BELAPUR BULLETIN



Editor : Ms. Deepa P.



Mr. K. K. Varkhedkar
Chairman

The Institution of Engineers (India) Belapur Local Centre **NEWS & VIEWS**



Dr. S. C. Nimkar
Hon. Secretary

From Chairmans' Desk

Dear Members,

Belapur Local Center is a vibrant local center contributing to advancement and awareness of engineering and technology among professionals and students. In the year 2019 IEI is completing 100 years and our center is completing 25 years. We have planned many activities on this occasion. We are in the process of NABL accreditation for our material testing laboratory. We have also setup consultancy room for members and professionals at very nominal rent. Last month Gharda Institute of Technology, Lote has become the institutional member of IEI. I appeal all private and government organizations, industries and companies to become institutional members of IEI. Many institutes are opening student chapters for the benefit of students.

A one day workshop on "Technical Writing" was organized by Belapur Local Centre under the Aegis of Interdisciplinary Co-ordination Committee. This workshop was helpful to all the stakeholders for improving their technical writing skills. Highest credit is always given to journal papers. Though it is mandatory for Ph.D work, undergraduate students and working professionals are always rewarded if they are able to publish paper in reputed journal. This workshop also covered the topic "Manuscript Writing" which was a platform for providing guidance to select the reputed journal and publish paper in it. We have also celebrated world water day on the theme "Leaving no one behind". Without water no one can survive. Flora and fauna are decided by the availability of water. Therefore the ecosystem from desert to Tropical rain forest exists on earth. "Leaving no one behind" is an adaptation of the central promise of the 2030 Agenda for Sustainable Development: as sustainable development progresses, everyone must benefit.

For the students, our center had organized a completion called "IEI - BLC Industry Problem Challenge -2019" A problem was given by industry experts to the students and asked them to give practical and economical solution. Our center also organized project completion for engineering students in association with BVIT, Navi Mumbai and FCRIT, Vashi. Both the programs received good response.

I thank all the members and student chapters for their support in making all activities very successful.

Keshav K. Varkhedkar
Chairman.

LIST OF SEMINAR

Sr. No.	Topic	Date	Speaker
1	IEI -BLC Industry Problem Challenge -2019 (Briefing Session by Industry Expert) (Mechanical & Chemical Branch)	07 th January 2019 Monday	Mr. Rajesh Deshpande Director, Energetic Consultant Pvt. Ltd. Thane
2	IEI -BLC Industry Problem Challenge -2019 (Briefing Session by Industry Expert) (Computer Branch)	08 th January 2019 Tuesday	Mr. Prakash Pimpale Principal Technical Officer C-DAC Mumbai. Mr. Mayur More Software Engineer
3	IEI -BLC Industry Problem Challenge -2019 (Briefing Session by Industry Expert) (Electrical Branch)	09 th January 2019 Wednesday	Mr. Sharad Shrivastava Mr. Sandeep Singh Hem Utilities Pvt. Ltd., Navi Mumbai
4	IEI -BLC Industry Problem Challenge -2019 (Briefing Session by Industry Expert) (Civil Branch)	10 th January 2019 Thursday	Dr. Mohan B. Dagaonkar Retired Add. Commissioner & City Engineer NMMC Ms. Sharvari M. Dagaonkar Senior Officer- Technology Ion Exchange, Vashi, India
5	Introductory Workshop for Teaching Faculties in Konkan Region regarding IEI membership and student chapter	12 th January 2019 Saturday	Dr. Mohan B. Dagaonkar Retired Add. Commissioner & City Engineer NMMC Dr. Samir C. Nimkar Hon. Secretary IEI BLC Mr. P. N. Tandon Past Chairman IEI BLC
6	Lecture on "Preventive Cardiology"	18 th January 2019 Friday	Dr. Milind Hanchate M.B.B.S. MD- Preventive Medicine, Mumbai
7	A lecture on "Concrete Site Problems & Solution" in association with Ambuja Cemen	8 th February 2019 Friday	Er. Prem Prakash Pandey Sr. GM Epicons Consultants Pvt. Ltd.
8	State level Technical Quiz Competition for Chemical Engineering Students (CH-2019)	23 rd & 24 th February 2019 Saturday - Sunday	Jury Mr. R. K. Modi , Past Chairman IEI BLC Quiz Master Mr. Santosh Bajaj
9	Seminar on "Efficient & Safe Movement of Loads on Air Cushion System"	08 th March 2019 Friday	Dr. C. N. Chablani Ph.D., Tech. (Mech)
10	Project competition for Diploma Engineering students organized by BVIT, Navi Mumbai in association with IEI, BLC	15 th March 2019 Friday	Chief Guest Mr. K.K. Varkhedkar Chairman, IEI BLC Mr. Swapnil Desai MCM, IEI BLC
11	One Day Workshop on "Technical Writing"	16 th March 2019 Saturday	Dr. Asim Tewari IIT, Mumbai Dr. Pankaj Patil Gharda Chemical Ltd. Lote Dr. Nilaj Deshmukh FCRIT, Vashi Mr. V. C. Kamble Past Chairman IEI BLC Dr. Samir C. Nimkar Hon. Secretary IEI BLC
12	Celebration of "World Water Day"	22 nd March 2019 Friday	Dr. Eldho T. I H.O.D. Civil Engineering Department IIT Bombay
13	Poster and Project competition for Mechanical Engineering students organized by FCRIT, Vashi in association with IEI, BLC	30 th March 2019 Saturday	Chief Guest Dr. M.B. Dagaonkar , Council Member Guest of honor Dr. Samir Nimkar , Hon. Secretary, BLC Judges Mr. R. K. Modi Past Chairman IEI BLC Mr. S. P. Singh Imm. Past Hon. Secretary IEI BLC Mr. Swapnil Desai MCM, IEI BLC

IEI -BLC Industry Problem Challenge -2019

Theoretical knowledge of Engineering is incomplete without flavor of practical aspects. Solution of industrial problems requires practical thinking. There is mismatch between industry expectation and output from education system. Many solutions for one problem are not acceptable while accessing the student in the examination. In IEI - BLC Industry Problem Challenge -2019, students are motivated to think out of the box. Industry problem was given to the students after briefing session. After one month, students submitted their solution which is evaluated by experts from industry. Prizes were awarded during World Water Day 2019.

Environment Engineering

Sr. No	Name	College Name	Rank
1	★ Ravi Kanojiya ★ Nayan Chavda ★ Darshan Mange ★ Niraj Kholakia	VidyaVikas Education Trust's Technical Campus Universal College Of Engineering, Vasai	First
2	★ Praful Maruti Rahate ★ Sanket Kanerkar ★ Riddhi Vichare	Universal College of Engineering, Vasai	Second

Civil Engineering

Sr. No	Name	College Name	Rank
1	★ Nimisha Baviskar ★ Ankita Bhoir ★ Madhura Khairnar ★ Nitesh Dhule	Datta Meghe College Of Engineering, Airoli, Navi Mumbai	First
2	★ KhanAbuSofiyen Shakir ★ Gaurav Bankar	Bharati Vidyapeeth Institute Of Technology, Kharghar	Second

Electrical Engineering

Sr. No	Name	College Name	Rank
1	★ Rahul Nair ★ Shrushti Ghadge	A.C. Patil College of Engineering ,Kharghar	Consolation

Mechanical Engineering

Sr. No	Name	College Name	Rank
1	★ Raj Bathija ★ Vinith Dhar ★ Arjuna Arora	Thadomal Shahani Engineering College, Bandra	Consolation

Computer Engineering

Sr. No	Name	College Name	Rank
1	★ Abey Alex George ★ Sheetal Chauhan ★ Joel Joseph ★ Omkar Gaikar	Fr. Conceicao Rodrigues Institute of Technology, Bandra	Consolation



Mr. K. K. Varkhedkar, Chairman
presenting award to winners.



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presenting award to winners.

Introductory Workshop for Teaching Faculties



IEI Committee members during Introductory Workshop for Teaching Faculties

An introductory workshop for faculties of various engineering colleges and polytechnics in Konkan region was organized on 12th January 2019 at Sahyadri Polytechnic, Sawarde to brief staff advisors about student chapter. Mr. M. B. Dagaonkar, Council Member IEI presented Lecture on the topic “Incorporation and Functioning of The Institution of Engineers (India).” and “IEI Fora and Organ”. Mr. P. N. Tandon, Past Chairman, IEI BLC. elaborated about the types of membership and gave guidelines for opening the student chapter. Dr. Samir Nimkar, Hon. Secretary, gave information on various R & D grant in Aid Scheme. All the faculty members presented their assured of becoming corporate member & opening Student Chapter in their Institute. The meeting was concluded with vote of thanks by Dr. Samir Nimkar, Hon. Secretary.

State level Technical Quiz Competition for Chemical Engineering Students

Chemical Engineering Department of Bharati Vidyapeeth Institute of Technology, Navi Mumbai has organized State Level Quiz Competition for Chemical Engineering students in association with The Institution of Engineers (India), Belapur Local Center on 22nd February 2019. Total 18 teams from all over Maharashtra had participated in the quiz competition. . Mr. Santosh Bajaj, was the quiz master and Mr. R. K. Modi, Past Chairman IEI, BLC was the jury for competition. First Prize was won by the students of BVIT, Navi Mumbai and second prize by VPM, Thane. Consolation prizes were given to GP Pen and BVJNIOT, Pune. Prizes were distributed by Mr. V. C. Kamble , Past Chairman, IEI, BLC.



Technical Quiz being conducted

One Day Workshop on “Technical Writing”

A one day workshop on “Technical Writing” was organised by Belapur Local Centre under the Aegis of Interdisciplinary Coordination Committee, IEI on 16th March 2019. The program received overwhelming response from academicians, industry and students. Total 64 participants registered for the workshop. Dr. Asim Tewari, Chair Professor in the Dept. of Mechanical Engg and Head of the National Center for Aerospace Innovation and Research (NCAIR) at IIT, Mumbai delivered keynote address. He elaborated about technical communication and its importance in research. Dr. M. B. Dagaonkar, Council Member, IEI shared his experience regarding the use of technical writing at each stage of various projects. First technical session was presented by Dr. Pankaj Patil, Gharda Chemicals Ltd. Lote on “Writing Technical Documents after Research” and in second session Dr. Nilaj Deshmukh , FCRIT, Vashi spoke about “Tools to Manage Literature Survey and its importance in Technical Writing”. Third session after lunch was presented by Mr. V. C. Kamble, MCM, IEI MSC on “Drafting Technical Letters”. Finally Dr. S. C. Nimkar, Hon. Secretary, IEI - BLC gave presentation on “Submitting Paper to Journal and Reply to Reviewers Comments”. Participation certificates were presented to all participants during valedictory function.

Glimpses of One Day Workshop on "Technical Paper Writing"



Dr. M.B. Dagaonkar, Council member presenting bouquet to Dr. Asim Tewari, Professor, IITB. Extreme right Mr. V.C. Kamble, Past Chairman.



Dr. M.B. Dagaonkar, Council member delivering his address.



Audience present during workshop



Dr. Asim Tewari, Professor, IITB delivering his keynote address.



Dr. Pankaj Patil, Gharda Chemicals Ltd. Lote delivering his lecture



Dr. Nilaj Deshmukh, FCRI, Vashi during his lecture.



Mr. V. C. Kamble, Past Chairman delivering his speech



Dr. S. C. Nimkar , Hon. Secretary delivering his speech

Celebration of "World Water Day"

Prof. (Dr.) T. I. Eldho, HOD, Civil Engineering Department, IIT, Bombay in his key note address highlighted that the access to water is the fundamental right of all the living species existing on earth. Without water, living beings cannot survive. Flora and fauna are decided by the availability of water.

Therefore the ecosystem from desert to Tropical rain forest exists on earth. "Leaving no one behind" is an adaptation of the central promise of the 2030 Agenda for Sustainable Development : as sustainable development progresses, everyone must benefit. He also emphasized that Water services must meet the needs of marginalized groups and their voices must be heard in decision-making processes.

Regulatory and legal frameworks must recognize the right to water for all people, and sufficient funding must be fairly and effectively targeted at those who need it most. Prof. P. N. Tandon, Past Chairman, presented theme of world water day-2019. Prof. Deepa P., MCM, IEI - BLC, introduced keynote speaker. Mr. K. K. Varkhedkar, Chairman, IEI - BLC presented the concluding remarks. Vote of thanks was delivered by Mr. R. K. Modi, Past Chairman, IEI - BLC. Dr. S. C. Nimkar, Hon. Secretary compered the function.



Mr. K. K. Varkhedkar presenting bouquet to Prof. (Dr.) T. I. Eldho, HOD, Civil Engineering Department, IIT, Bombay.



Prof. (Dr.) T. I. Eldho presenting seminar

Project Competition for Engineering Students

Project competition for Diploma engineering students was organized by BVIT, Navi Mumbai in association with IEI - BLC on 15/03/2019. Students from various polytechnics from all over Maharashtra were participated in the competition. Mr. Swapnil Desai, MCM was one of the judges for mechanical engineering division. Mr. K. K. Varkhedkar, Chairman grace the occasion as a chief guest for valedictory function. Poster and project completion for Degree Mechanical Engineering students was organized by FCRIT, Vashi on 30/04/2019. Mr. R. K. Modi, Past Chairman, Mr. S. P. Singh, Immt. Past Hon. Secretary and Mr. Swapnil Desai, MCM were the judges for competition along with with faculty from FCRIT. Dr. Mohan Dagaonkar, Council members grace the prize distribution ceremony as a chief guest with Rev. Fr. Almeida from FCRIT Vashi.

Student Chapter Activities

Mahatma Education Society's Pillai's HOC College of Engineering & Technology, Rasayani (Student Chapter of Department of Electrical Engineering Department)

A lecture on "Scope of Automation & requirements of industry" was organized by Student Chapter of Department of Electrical Engineering on 5th March, 2019 in the Conclave Hall-I at 2:30 p.m. The speaker, Mr. Abhay Rawool, Trainer, TAACT gave an informative speech on opportunities of fresh Electrical Engineering graduates in the field of automation. He stressed that apart from curriculum, specialized training is mandatory to secure challenging position in competitive arena. Engineering employers are discovering that their workforce requires certain skills which seem to be in short supply. The great companies are always seeking wonder brains who come up with innovative ideas. Total 40 students were present for lecture. Lecture was coordinated by Prof. Supriya Shigwan.



Students attending lecture by Mr. Abhay Rawool



Guest speaker Mr. Abhay Rawool delivering lecture

Universal College of Engineering, Kaman, Vasai (Student Chapter of Civil Engineering Department)

Seminar on 'Post Graduate Overseas Studies' was conducted by IDP Education on 21st January, 2019. The seminar was attended by 60 students of all branches.

Seminar on 'Built Environment studies' was conducted by Royal Institution of Chartered Surveyors School of Built Environment, Amity University on 21st January, 2019. The Seminar was attended by 64 students of BE Civil.

Career counseling session was conducted by '108 Consultants' for Final year students of Civil Engineering Department on 25th January, 2019.

A Software Awareness Session was conducted in collaboration with CADD Centre, Bhayanderon 25th January 2019 for TE Civil Engineering students.

Seminar on "Airport Planning and Management" was conducted by Mr. Devendra Mokal (Transportation Engineer) CIDCO, Navi Mumbai, on 2nd February 2019 for TE students.



Students attending lecture by



Students attending lecture by

**Mahatma Education Society's
PILLAI HOC POLYTECHNIC, Rasayani**

We established student chapter in November 2018 and since then we planned to organized different events under this student chapter. During this period we organized one big event named "Dip Tech Euforia" for four branches of polytechnic namely Civil engineering, Computer engineering, Electronics and Telecommunication engineering and Mechanical engineering.

We organized "Dip Tech Euforia 2k19", a state level technical event of Technical Quiz competition and Paper Presentation competition on 21st February 2019 and 22nd February 2019 respectively. This event was conducted under student chapter of The Institution of Engineers (India) for Civil Engineering, Computer Engineering, Electronics and Telecommunication Engineering and Mechanical Engineering branches. Students from various colleges participated in this event. Dip Tech 2k19 received huge response from students as total 597 students from different institutes participated in this event. Winners were awarded with winning certificates, trophy and prize money. All participants were awarded with the participation certificate. This event will definitely inspire the students to go beyond their curriculum achievements and adapt with the changing nature of their concerned field of engineering.



Mr. Amar Mange, Principal of Pillai HOC Polytechnic guiding students after inauguration of IEI students' chapter (Chapter code: 410207/PHOC)



Few Moments of DipTech Euforia 2k19

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

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