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May 2019
99 YEARS OF RELENTLESS JOURNEY TOWARDS ENGINEERING ADVANCEMENT FOR NATION BUILDING"
Prof. K. K. Ghosh, FIE, Chairman
Prof. Araddhana Deshmukh, AMIE, Hon. Secretary
PUNE LOCAL CENTRE
Er. V. V. Munot, Editor

Celebration of "National Safety Day"

The Institution of Engineers (India), Pune Local Centre Celebrated National Safety Day on 6th Mar 2019. Shri. Rajiv Porey, Joint Director. Industrial Safety & Health. Govt. of Maharashtra graced the occasion as Chief Guest & Shri. Sanjay Nirgudkar, Govt. approved Safety Auditor & Expert in Construction Industry was Keynote Speaker.

At the outset, Dr. Pramod Deshpande, Convener, welcomed the dignitaries & audience. Prof. K K Ghosh, Chairman shared The objective and activities of Pune Local Centre as a professional organization. Prof. A A Deshmukh, Hon. Secretary briefed the audience about the importance of National Safety day.

Shri Nirgudkar delivered the Keynote address on Present and Future trends in Construction Safety. He discussed various needs and regulations related to Civil construction Projects. He also narrated various aspects of Safety needs in EPC Project environment. He elaborated various affects of unsafe operation & its importance through video clips.

Shri. Rajiv Porey in his address explained Present & Future requirements in the field of Industrial Safety. He also discussed various tools and then significance to ensure the safety in engineering Plants and Process. The presentation was followed by interactive session. Queries raised by participant related to Safety in Construction were answered by Shri. Nirgudkar.

Prof. A A Deshmukh proposed the vote of thanks.

Workshop on "Internet of Things [IoT] for Human Safety"

A halfday Workshop on"**Internet of Things IoT for Human Safety** "was organized by Pune Local Centre on 8thMarch 2019.At the outset, Dr.Sonal K. Jagtap, Convener spoke about the Internet of Things and its importance.Itwas inaugurated by Er. Sumedha Sahastrabuddhe, Directore - Maestro, Pune.

Experts from e-Maestro delivered their handson Training on IOT to the participants. With a vision of bridging the gap between skill of engineering students and industry requirements, e-Maestro provided guidance related with women's role in IoT.

In the workshop participants were from different engineering colleges, academician and industry sectors, gain the knowledge of IoT (Internet of Things). IoT which is the ability for things that contain embedded technologies to sense, communicate, interact and collaborate with other things, thus creating an et work of physical objects.

In recent years this concept has gained enormous momentum and is now one of the most talked about things in the world of technology today. Connecting objects with Internet and get interacting with each other bring a lot of benefits. This technology can be beneficial to help track status of various assets, products and people. Workshop concluded with quiz competition.

Prof. Araddhana Deshmukh, Hon Secretary IEI PLC proposed the vote of thanks.

Celebration of International Women's Day

Pune local Centre of The Institution of Engineers (India) celebrated International Women Day on 6th March 2019. Mrs Pratibha Saraf, BSNL, Pune graced the occasion as Chief Guest. Mrs Sumedha Sahastrabuddhe, Director, e-Maestro was Guest of Honour.

At the outset, Prof K K Ghosh, Chairman welcomed the Guests and audience and briefed them about the activities of Pune Local Centre. Ms A A Deshmukh, Hon.Secretary gave introduction of guest and Prof Ghosh felicitated them. Er Sumedha sahastrabuddhe while addressing the gathering highlighted the contribution of women in various sectors. Er Pratibha Saraf in her address cited number of examples of successful Women in India and advised audience (especially Women) to use opportunities to succeed in life. She also talked about challenges faced by women. Er Jyotsana Chaubal Deshpande, Past Chairman, PLC and Er Chitra Patil also shared their views. Programme was attended by Committee members and number of students from various Engineering Colleges.

Prof (Ms) A A Deshmukh, Hon Secretary proposed the vote of thanks.

Girls Project Competition

A project Competition for Girls was organised by K.E. Society's, **Rajarambapu Institute of Technology, Sakharale in association with The Institution of Engineers (India), Pune Local Centre and** Lead College Activity, Shivaji University, Kolhapur on 8th March 2019 on the occasion of International Women Day.The main objective of organizing the competition was to provide a platform for girl's students to present their innovative projects and to encourage the research culture among girl's students.The project competition was inaugurated by Hon. Dr. SapanaAwade, Secretary of DKTE society, Ichalkaranji. She also addressed the students on topic “Women Empowerment” on this occasion.Hon. Shamrao Anna ,Chairman RajrambapuCo-operative Bank Ltd., Peth and Member-BOG, RIT, Dr. D. G. Thombare ,In-charge, Lead College Activity, RIT, Dr. S. M. Sawant ,Dean ,Student Development , Prof. RajanPadwal ,Registrar and DrSushma S Kulkarni, Director, RIT were present during inauguration ceremony. Overall, 108 girl students (42 Groups) of various Engineering, Diploma and Science Colleges from Sangli, Satara and Kolhapur district participated in the project competition.

INVITATION

THE CHAIRMAN, HON. SECRETARY & MEMBERS OF THE COMMITTEE OF THE INSTITUTION OF ENGINEERS (I) – PLC

Solicit your esteemed presence at the

WORLD TELECOMMUNICATION AND INFORMATION SOCIETY DAY

on Friday, 17th May 2019 at 1830 hrs

THEME: Sustainable Development Goals to Bridge the Standardization Gap

Venue : Firodia Auditorium
The Institution of Engineers (India), PLC,
S.G. Barve Chowk, JM Rd,
1332, Shivajinagar,
Pune - 411 005.

Celebration of World Water Day

The Institution of Engineers (India), Pune Local Centre celebrated World Water Day in association with Central Water & Power Research Station, Pune, National Water Academy, Pune, Ground Water Surveys & Development Agency, Pune, Maharashtra JeevanPradhikaran, Pune Region, Indian Plumbing Association, Pune Chapter, Indian Water Works Association, Pune Centre, and Marathi Vidnyan Parishad, Pune on Tuesday, 26th March 2019 .

Celebration started with KalashPujan by all dignitaries. Er. Saraf welcome the guest on behalf of IE (I). Mr. Rahul S Jagtap, Joint Director, CWPRS gave welcome address on behalf of CWPRS. Mr. Manish Rathore Dy. Director NWA gave welcome address on behalf of NWA. Er. Saraf Convener of the Program explained theme of year. He said we went ahead that is why someone is left behind. He explained how man is drifted from natures with examples. Mr. Anil Kulkarni, Hon Secretary IWWA introduced the speakers. Er. SudarshanTandale, Er. Apte& Er. Deshpande felicitated the speakers of the Day. Dr. Pakhmode spoke on GSDA – Ground water – No one left behind. He presented the review of quality and quantity assessment of Ground Water in Maharashtra. He said that data is available to plan the growth. Since there is imbalance between the recharge & draw and hence major part of Maharashtra is facing scarcity of water. Mr. Subhash Patil spoke on Safe& Adequate Water for all. He explained the role played by MJP to ensure Safe & adequate water for all. He explained various program like Amrutetc implemented by MJP. Er Saraf took the interview of Ms. Yukta Mookhey, Miss World 1999. She said in her interview that Women of India are conservative and they have to come forward to take lead in water sector. The beginning shall be made from the individual and at home. She appeals all to join her movement in the field of Water and Environment. Mrs. Pradnya Thakur presented a case study of saving water by maid servant. Mr. Chakore of IPA presented I Save Water – Initiatives by IPA. He explained that a device called aerator if fitted brings down the water consumption by 40%. Miss Roma Shukla, 12 yrs old girl presented her expectation from the audience so that she will not left behind when she will be of 20 years old. She appeals audience to preserve & protect water for her generation. Mr. Amit Saste presented case study of Water Governance at Amnora. He said Amnora has implemented all the ideas to ensure water for all. Students of Dr. D.Y. Patil Institute of Technology, Pimpri, Pune IE (I) Student Chapter presented a skit on the theme "Save Water for Better future". All artists together created the awareness amongst all. Pledge on water was taken by all the dignitaries and audience present. At the conclusion, Er Saraf thanked all and said we will meet again and again throughout the year to implement the theme leaving no one behind. Eminent persons like Dr. Suresh Naik, Shri D. T. Deole, Shri JayantGurao, Dr. NeelimaRajurkar and Shri Ranadewere also present during the function..





"Structural Audit for the Building Procedures and Requirement"

A lecture on "**Structural Audit for the Building Procedures and Requirement**" was organized on 25 Feb 2019 at Pune Local Centre. Er. Atul Gadgil, Executive Director of Pune Maha Metro and Dr. Arun Bapat Ex. HOD, Earthquake and Seismic Engineering Deptt,CWPRS Pune were speakers.

At the outset, Er Dhananjay K Latkar gave introduction of the subject along with its importance citing number of actual cases of collapse of structures. Er. Latkar appealed all Structural Engineers and Chartered Engineers to be cautious in giving certificate of safe or unsafe at developers demand .He also said that requirement of structural audit of buildings becomes necessary in view of ongoing Metro Rail projects (under-ground and elevated)is various cities.

Er. Atul Gadgil while delivering the lecture gave the complete layout of Pune Maha Metro with influence zone while doing boring of underground pass. He also gave total outlay of Pune Maha Metro project with phases of constructions during the presentation. He explained the complete procedure of pre-construction Structural audit including building construction survey (BCS) . He also showed records of sample observation done by Pune Maha Metro. He emphasized on Use of instrumentation like Extensometer, crack meter for monitoring of survey and fitment position. He also explained various stages of construction underground activities.

Lecture was followed by question answer session in which queries raised by audience were answered by Er Gadgil and Er Arun Bapat.

Programme was well attended. Prof(Ms) Araddhana Deshmukh Hon Secretary proposed the vote of thanks

"Anti Termite Treatment of Buildings"

A lecture on **"Anti Termite Treatment of buildings"** was organized on 18th January 2019 at Pune Local Centre. DrSarangSavalekar was the Speaker.

At the beginning, Er DhananjayLatkar, Convener highlighted the importance of **'ATT'** in building construction. Er. Latkar further mention that **'ATT'** is the most important activity in building construction but still it is neglected and required more awareness about the suitable **'ATT'** practices with recommended procedure for building construction. He emphasized that this topic should be included in syllabus. He also gave introduction of Dr Sarang Savalekar.

Prof (Ms) Araddhana Deshmukh, Hon.Secretary felicitated the speaker

DrSavalekar in his address explained various types of Termite and their life cycle.He also explained effect of attack of termites to foundation, RCC, masonry work flooring basements, piles landscape etc. He gave information about treatment method like dosage and consumption per stage per sqmt. He further highlighted the commercial aspect like cost of chemical i.e. rate analysis, warrantee / guarantee, safety while doing pre and post construction Anti Termite Treatment. He concluded the presentation with comparison of cost of the treatment with cost of total building.

Prof (Ms) AADeshmukh proposed the vote of thanks.

आयुर्वेद - निसर्ग अनुकूल चिकित्सा

आपल्या देशात अनेक सण ऋतुंवर आधारित असतात तसे आपल्या देशात निर्माण झालेले आयुर्वेद ऋतुंच्या अभ्यासावर अवलंबून आहे. ती एक जीवनदृष्टी आहे. योग आणि आयुर्वेद हातात हात घालून जातात- असे प्रतिपादन वैद्य प्रशांत सुरू यांनी केले.

मराठी विज्ञान परिषद पुणे विभाग आणि दि इंस्टिट्युशन आफ इंजिनिअर्स इन्डिया पुणे यांचे संयुक्त विद्यमाने विविध विषयांमधील समज आणि गैरसमज याबाबत एक व्याख्यानमाला चालू केलेली आहे त्यात हे सातवे पुष्प गुंफण्यात आले. वैद्य सुरू पुढे म्हणाले की

. शरीर, आत्मा आणि मन यांचा एकत्रित विचार आयुर्वेद करते. स्व-स्थ म्हणजे स्वत:च्या ठिकाणी स्थिर अशी तब्येत सांभाळली पाहिजे. सृष्टीत घडते ते शरीरात घडते. पाच महाभुते आणि तीन दोष हे मूलभूत मानले जाते. आहार विहार यांचा विचार आयुर्वेदाने केला. काही चिकित्सा औषधांचा वापर करून तर काही उपचार केवळ मानसिक आहेत. आम्लक्षार सिद्धान्त आज जगात मान्य होत आहे. आहार ऋतुप्रमाणे बदलला, स्वत:च्या भुकेप्रमाणे बदलला तर ते तब्येतीला चांगलं असतं.

प्रतिजैविकांचे शोध लागले पण ते लवकरच निष्प्रभ होत गेले. रुग्णाच्या तपासण्यांचे नुसते अहवाल बघून औषध देणे पुरेसे नाही. रुग्णाच्या परिसराचा, वयाचा, प्रकृतीचा, अनुवंशिकतेचा आणि वर्तमान परिस्थितीचा विचार करून उपचार करून देणे हे अधिक योग्य आहे. आजकाल पंचकर्मांचा बाजार झालेलाआहे. आयुर्वेदीक औषधांचेही साईड इफेक्ट होतात. आयुर्वेद चिकित्सा ही एकात्म विचार करून दिली जाणारी चिकित्सा आहे. आयुर्वेदीक औषधांचा उपयोग लवकर होत नाही असा एक गैरसमज आहे. कारणांच्या मुळाशी जाऊन दुरुस्ती केली जाते.

या कार्यक्रमाचे प्रास्ताविक राजेंद्रकुमार सराफ यांनी केले. मराठी विज्ञान परिषद पुणे विभागाचे अध्यक्ष विनय र. र. यांनी कार्यक्रमाचा समारोप केला. ते म्हणाले की आयुर्वेदाशी संबंधित लोकांनी सुद्धा समाजातील विविध घटकांना एकत्र घेऊन एक स्वतंत्र व्यवस्था तयार केली पाहिजे. तर घ्या पारंपारिक शहाणपणातून पुढे आलेल्या विद्येचा विकास होईल.

GLIMPSES OF PROGRAMMES















