

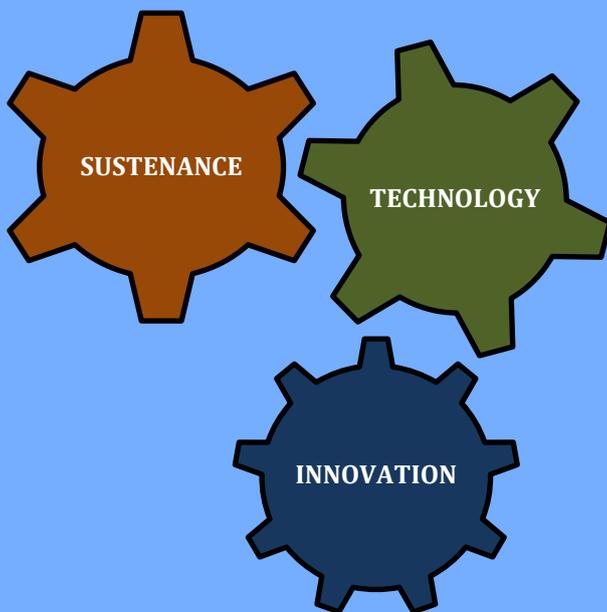
WFEO

Issue 2, May 2014

WFEO-EIT / IMC-WFEO e-Newsletter



IEI



The Institution of Engineers (India)



IEI Delegation Participates in WFE0 Extended Executive Board Meeting at Paris



A five-member delegation from The Institution of Engineers (India), consisting of Mr Ashok K. Basa, President of IEI; Mr S S Rathore, Vice President of WFE0 and Immediate Past President of IEI; Mr Gunda Prabhakar, National Member WFE0 and Past President IEI; Mr Navin B Vasoya, Member, FEISCA Executive Committee and Council Member of IEI; along with Maj Gen R K Sanan, VSM (Retd), Secretary and Director General of IEI, participated in WFE0 Extended Executive Board Meeting, which was held during 09-10 April 2014 at the UNESCO Building in Paris (France). Mr S S Rathore, Chair of WFE0-EIT, presented a detailed report on the activities of the Committee, which is presently hosted by IEI.

Mr Rathore highlighted that the Committee has taken up the task of propagating the aspects of the technologies by reaching out to the people residing in the rural areas, especially in the under-developed and developing countries. Wide publicity through audio-video presentations, distribution of hand bills and bulletins, if required, in the local languages is being resorted to, which is being well received by the target groups. Wider dissemination of technology is being undertaken in urban areas among the educated by organizing Seminars and Workshops. The main areas being covered include nanotechnology, innovations in public systems, smart materials, virtual reality, clean technologies, bio-engineering, etc.



WFE0 Extended Executive Board Meeting in progress. Mr Ashok K. Basa and Mr S S Rathore (first and second from right, respectively, in front row) are seen with Mr G Prabhakar and Maj Gen (Retd) R K Sanan, VSM (first and second from left, respectively, in back row)

Mr Rathore further mentioned that to ensure long-term and effective actions, the WFE0-EIT has developed its vision as follows : The WFE0 Standing Committee on Engineering for Innovative Technologies (WFE0-EIT) undertakes to lead engineering profession all over the world towards promotion and application of engineering for innovative technologies and sustainable development through interaction with global leaders and networking with various stakeholders such as governments, industry, academia, financing institutions along with civil society.



WFEO Extended Executive Board Meeting at Paris



Mr S S Rathore added that in order to have closed, micro-level network, members from all parts of the world have been planned to be enrolled to WFEO-EIT. The Committee had also subsequently established the Nodal Centre for Innovative Technologies at Jaipur (India). Some Regional Nodal Centers in India have also been contemplated to be established on experimental basis. The first Regional Nodal Centre at Hyderabad, India has started functioning under the supervision of Mr G Prabhakar, National Member WFEO and Past President IEI, towards promoting contribution of young and women engineers. In order to involve women engineers in a big way, the “Women Engineers Wing” of WFEO-EIT called is already functioning. He informed that the WFEO Committee on EIT was

jointly organizing FEISCA Regional Seminar and the 46th FEISCA Executive Committee Meeting at Ahmedabad, India in the last week of April 2014. Another event – a Workshop – to be jointly organized by the The Institution of Engineers (India) and the WFEO Standing Committee on Disaster Risk Management (WFEO-DRM) and hosted by the Assam State Centre of IEI, has been planned to be held at Guwahati (India) in the month of August 2014. Further, the Nigerian Society of Engineers reported on the preparations for 2014 WFEO Executive Council to be held at Abuja, Nigeria on 02-07 Nov 2014. The Colegio de Ingenieros del Perú, Lima – WFEO National Member in Peru -- reported on the preparations for 2016 WFEO Executive Council in Peru.



Mr S S Rathore (front row, middle) presenting WFEO-EIT Committee’s Report at WFEO Extended Executive Board Meeting. Mr Tan Seng Chuan (on his right) and Mr V Economopoulos (on his left) are also seen.

The Science Council of Japan (SCJ) reported on the progress made towards organization of the 2015 World Engineers’ Convention (WEC 2015) and the WFEO General Assembly, to be held from 28 Nov - 02 Dec 2015 in Kyoto (Japan). Dr Marlene Kanga, 2013 National President of Engineers Australia, made a brief presentation on the 2019 World Engineers’ Convention (WEC 2019) and the WFEO General Assembly to be held at Melbourne (Australia).



WFEO



WFEO Action Plan for the period 2013-2015
by Eng. Marwan Abdelhamid
President of World Federation of Engineering Organisations

The main focus of my action plan during my presidency will be on the implementation of the **World Engineering Forum**. As you may know, I am discussing with officials from different governments the possible hosting of the World Engineering Forum with the goal of promoting sustainable development in infrastructure and the built environment.

Already, Mark Weichold from Qatar participated in a meeting about this initiative at UNESCO last April, as attended by UNESCO Assistant Director General for the Science Sector who gave UNESCO support to this initiative.

To date, I have also met with World Bank, OECD and US State Department officials as well as officers from leading US engineering organizations who all showed great interest in this project.

In order to increase the WFEO resources and in addition to the above initiative, I shall continue the efforts made by Adel Al Kharafi to increase the number of national members. In fact, I succeeded in bringing some five members from Europe: Montenegro, Serbia, Croatia, Portugal and Turkey.

I will also look for leading engineering companies to become Associate Members and will attach great importance to communication, fund raising and the visibility of WFEO.

I would like to strengthen the relationship with our international organizations and will make sure to meet with their presidents as soon as possible.

As far as other international organizations and the UN bodies, I shall give my full support to the standing committees working with these organizations in the framework of the UN Sustainable Development Goals such as the committee on the environment, disaster risk management, the WFEO / UN relations committee and others.

Standing Technical Committees must work together and look seriously into being involved in projects launched by international bodies and give advice to those who are looking for the engineering input and advice.

Supporting regional cooperation among our members is also very important and is considered as an important objective for some members, namely Eastern European countries with whom I have already started working in this field.

Innovation in all engineering fields is now a must and I would like WFEO to look into some way of encouraging innovators especially in developing countries.

Finally, the gender issue and youth are very important issues that are not only addressed by international organizations but also at local and regional levels.

I would like to express my thanks to the former presidents of WFEO who made great efforts to bring WFEO where it stands today.

I count on the executive council members and STC chairs to collaborate closely with me and inform me of any of their needs.



IEI hosts 46th FEISCA Executive Committee Meeting and FEISCA Regional Seminar at Ahmedabad (India)



The Regional Seminar of the Federation of Engineering Institutions of South and Central Asia (FEISCA) on the theme 'Affordable Housing in Developing Countries and Innovative Technologies', organized jointly by WFEO Standing Committee on 'Engineering for Innovative Technologies' and The Institution of Engineers (India), and hosted by its Gujarat State Centre, was held concurrently



Mr S L Garg (middle) conducting 46th FEISCA Executive Committee Meeting. Seated (L-R) : Mr Md. Shahadat Hossain Shelly, Mr Navin B Vasoya, Mr WJLS Fernando, Mr Mian Sultan Mahmood, Mr Md. Abdus Sabur, Mr Dilip Kumar Jha, Dr L V Muralikrishna Reddy, Mr S S Rathore and Maj Gen (Retd) R K Sanan, VSM

with 46th FEISCA Executive Committee Meeting on 25 April 2014 at Ahmedabad (India). The foreign delegations represented FEISCA member organizations, namely, The Institution of Engineers, Bangladesh (IEB); The Institution of Engineers, Pakistan (IEP); The Institution of Engineers, Sri Lanka (IESL); Nepal Engineers' Association (NEA) and included Mr Md. Abdus Sabur, Secretary General of FEISCA and Past Honorary General Secretary of IEB; Mr Md. Shahadat Hossain Shelly, Immediate Past Vice Chairman, Dhaka Centre of IEB; Mr Mian Sultan Mahmood, Secretary General of IEP and Senior Vice President of FEISCA; Mr WJLS Fernando, President of IESL and Member, FEISCA Executive Committee; Ms GWTC Kandamby, Member of IESL; and Mr Dilip Kumar Jha, Vice President FEISCA and Past Vice President, NEA. IEI delegation included Mr Ashok Kumar Basa,

President IEI and Mr S S Rathore, Vice President WFEO and Immediate Past President IEI, who graced the occasion as the Guests-of-Honour, along with Mr S L Garg, President of FEISCA and Past President IEI; Mr Navin B Vasoya, Member, FEISCA Executive Committee and Council Member IEI; Dr L V Muralikrishna Reddy, Vice President IEI; Mr U I Mehta, Chairman, Gujarat State Centre of IEI and Council Member IEI; along with Maj Gen R K Sanan, VSM (Retd), Secretary and Secretary and Director General of IEI. Dr Bimal Patel, Director, HCP Design, Planning and Management Private Limited, Ahmedabad and an Architect of repute, graced the occasion as the Keynote Speaker. The FEISCA Regional Seminar was inaugurated at the hands of Mr S L Garg, President of FEISCA and Past President of IEI. While addressing the gathering, Mr Garg highlighted role being played

by FEISCA in the advancement of engineering profession in the South and Central Asia region. Mr Md. Abdus Sabur, Secretary General of FEISCA and Vice President of the IEB, briefed the audience about FEISCA and its activities in the Region. At the outset, Mr U I Mehta, Chairman of the Gujarat State Centre of IEI and a Member of IEI Council, welcomed the delegates from within the country and abroad who were present at the event. Expressing his gratitude, Mr Mehta hoped that the participants would be benefitting from the presentations and deliberations taking place during the Regional Seminar. Mr Navin B Vasoya, Member, FEISCA Executive Committee and Council Member of IEI, while proposing a Vote of Thanks, expressed his heart-felt gratitude to all the delegates present for making it convenient to participate in this significant event. Mr Vasoya further thanked Gujarat State Centre of

The Institution of Engineers (India) for making the event a grand success. The 46th Meeting of the FEISCA Executive Committee was held at 1200 noon. Mr S L Garg, President of FEISCA and Past President of IEI, conducted the Meeting wherein the members of the Committee deliberated on various issues of importance to the FEISCA member organizations, which included Role and Responsibilities of the FEISCA Executive Committee; Report from the FEISCA Secretary General on activities of the Federation; Cash Flow Statement and the Budget Estimate along with the Balance Sheet of the Federation; Adherence to the tentative calendar of forthcoming activities of FEISCA; Role and Responsibilities of various FEISCA Sub-Committees, etc. The FEISCA Regional Seminar was followed by Reception of foreign delegates and exchange of memorabilia amongst them.



Dignitaries on the dais at the FEISCA Regional Seminar at Ahmedabad. Seated (L - R) : Mr Dilip Kumar Jha, Mr WJLS Fernando, Mr Ashok K. Basa, Mr Md. Abdus Sabur, Mr S L Garg, Mr S S Rathore, Dr Bimal Patel and Mr Mian Sultan Mahmood

At the FEISCA Regional Seminar, various Country Papers were presented by the dignitaries representing those countries, namely, Dr Bimal Patel (India), Ms GWTC Kandamby (Sri Lanka), Mr Dilip Kumar Jha (Nepal), Mr Shahadat Hossain Shelly (Bangladesh) and Mr Mian Sultan Mahmood (Pakistan) on the theme of the Regional Seminar.

WOMEN ENGINEERS – INWES, Canada and IE(India)

The Institution of Engineers (India) has been committed to facilitate increased participation of women engineers in various developmental activities related to the science and the practice of engineering. In order to involve the women engineers in a big way, the 'Women Engineers Wing' – a wing of the WFEO Standing Committee on 'Engineering for Innovative Technologies (WFEO-EIT)', hosted by The Institution of Engineers (India) – is already functioning. The WFEO-EIT has actively supported various events organized by 'Women in Science and Engineering in India (WISE-India)' and 'International Network of Women Engineers and Scientists (INWES)', its parent body with headquarters in Canada, in the past.



Ms May George (fourth from left) with Engineers Australia's 2013 National President Dr Marlene Kanga (extreme left) at the Women Engineers' Meet during the 28th Indian Engineering Congress – an annual event of IEI – at Chennai (India).

Incidentally, a Women Engineers' Meet was organized on the sidelines of the 28th Indian Engineering Congress – an annual event of The Institution of Engineers (India) – which was held at Chennai (India) in December last year. A significant highlight of the said Meet was the presentation of the 'Lifetime Achievement in Engineering' Award to Ms May George, one of India's first women engineers.

The Award celebrated Ms May George's contribution to nation-building in the State of Tamil Nadu (India) and was recognition of the women engineers' role in India's national development.

Ms May George – A Profile

Ms May George, a civil engineer and women's rights activist in the State of Tamil Nadu, graduated in civil engineering in the 1940s from Guindy Engineering College in the then Madras Province of British India, and was one of the first women in India to do so. Her first professional role was at the City Improvement Trust, which later became the State Housing Board. She spent forty years of her professional career with this government body and became an expert in construction of low-cost housing. Ms George eventually became Chief Engineer of the State Housing Board, the first woman in India to hold such a prestigious position. Later, Ms May George became Principal of the first Women's Polytechnic in the State of Tamil Nadu. She superannuated in the year 1983 but went on to run a family-owned business manufacturing speed reducers for industrial use.

Unfortunately, Ms May George has left for her heavenly abode on 25th January 2014 at the age of 88 years and is survived by her two children and three grandchildren.



Indian Member Committee of World Federation of Engineering Organizations [IMC-WFEO]



Hosted by : The Institution of Engineers (India)

The Institution of Engineers (India), National Member of World Federation of Engineering Organizations (WFEO), is hosting the Indian Member Committee of WFEO.

The IMC-WFEO consists of one Chairman (as nominated by President of IEI), one Co-Chairman (President of IEI himself), Four Members of the Governing Council of IEI (as nominated by President of IEI), along with the Representatives of selected Ministries and other organizations of Government of India, Research Agencies and Public Sector Undertakings (as identified by the Committee), and the Member Secretary of IMC-WFEO, i.e., Secretary and Director General of IEI. The IMC-WFEO usually meets twice in a calendar year at New Delhi.

The Member Organizations of the IMC-WFEO include certain Ministries of Government of India; Bureau of Energy Efficiency (BEE); Council of Scientific and Industrial Research (CSIR); Planning Commission; Central Pollution Control Board (CPCB); Housing and Urban Development Corporation (HUDCO); School of Planning and Architecture (SPA); Central Public Works Department (CPWD); Central Electricity Authority (CEA); Delhi Technological University (DTU); Bharat Heavy Electricals Limited (BHEL), etc., with the following main objectives : a) To provide close



linkage between IEI and WFEO and its Regional Group FEISCA on all matters relating to policy, intellectual inputs and operations; b) To develop policies concerned with engineering and technology related to the society; c) To promote leadership in engineering profession to address issues of concern for public and profession; d) To liaise with organizations and institutions at the national and international levels which are under the umbrella of WFEO; and e) To plan and undertake activities to promote cause of WFEO.

WECSI 2014

World Engineering Conference on Sustainable Infrastructure 2014
2-7 November | Abuja, Nigeria | www.wecsi2014.org

WFEO Executive Council / Standing Committees' Meetings



FORTHCOMING IMPORTANT ENGINEERING EVENTS



**29TH Indian
Engineering
Congress**



Hyderabad (India), 18-21 Dec 2014

THEME

Technological Innovations and Economic Growth – Emerging Role



**ENGINEERING
WORKSHOP**



jointly organized by

World Federation of Engineering Organizations

Committee on Disaster Risk Management (WFEO-DRM)

and

The Institution of Engineers (India)

Guwahati (India), August 2014

WORLD FEDERATION OF ENGINEERING ORGANIZATIONS



COMMITTEE ON ENGINEERING FOR
INNOVATIVE TECHNOLOGIES
[WFEO-EIT]



INDIAN MEMBER COMMITTEE
[IMC-WFEO]

WFEO-EIT / IMC-WFEO Chair

Mr S S Rathore

Vice President, WFEO and
Immediate Past President, The Institution of Engineers (India)

WFEO-EIT / IMC-WFEO Secretariat

Maj Gen (Retd) R K Sanan, VSM

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