

International Conference of Women Engineers and Scientists - ICWES17, Pullman Hotels & Resorts, New Delhi Aerocity

DETAILED TECHNICAL PROGRAM

Wednesday, 4th of October 2017

Time	Session
9am-6pm Tea breaks-11.30am-12.00am and 4.00pm-4.30pm Lunch Break- 1.30pm-2.30pm	Board Meeting Hall-Comeeting-1

Thursday, 5th of October 2017

8:00am onwards	Registrations
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9:00am to 10:00am	Morning Tea/Coffee
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Inaugural Session
Time: 10:00am to 12:20pm
Hall: Peacock Ballroom 1 and 2

10:00am - 10:15am	Welcome Address - Ms. Sangeeta Wij, President WISE India
10:15am - 10:30am	About INWES - Professor Kong-Joo Lee, President, INWES
10:30am-10:45am	Lamp Lighting & Saraswati Vandana
10:45am-11:00am	Inauguration of the conference by Chief Guest & Souvenir Launch - Dr Ashutosh Sharma, Secretary, Department of Science & Technology, New Delhi
11:00am- 11:15am	Awards to Women Engineers & Scientists
11:15am-11:25am	Invited Speech by Prof. Yogesh Singh, Vice Chancellor, DTU
11:25am-11:35am	Invited Speech by Dr. A.S. Vasudev, Pediatric, Nephrologist, Delhi
11:35am-11:50am	Inaugural Address by Ms Rovani Sigamoney UNESCO Representative
11:50am-12:00am	Invited Speech by Dr Chitra Rajgopal, DS & Director General-(SAM)
12:00am-12:10pm	Invited Speech by Professor Mridula Gupta, Chairperson, Delhi Chapter, IEEE
12:10am-12:20pm	About the Conference & Vote of Thanks by Dr Seema Singh Chairperson, Technical Committee, ICWES17 & Vice-President, WISE India

12:20pm to 2:00pm	Networking Lunch
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Session 1i (Workshop I)	HALL- Peacock1
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Chairperson: Dr. Anita Gupta, Director and Associate Head -Innovation and Entrepreneurship, Dept. of Science and Technology, Delhi

2:00pm to 6:00pm (with Tea Break from 04.00pm to 04.30pm)	Facilitator Dr. Neva Alexander Global Business Development Consultant, founder - NEVA Alliance Training Co., New York	Topic International Entrepreneurship
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Session 1ii	Sustainable Development
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Chairperson: Dr. Rashmi Sharma, Department of Science & Technology

2:00pm to 4:00pm	Presenter Yvette RAMOS, Swiss Engineering, Swiss Engineering Dr. Roselyn Ongulu Masinde Muliro University of Science and Technology Ms. Mega Ganeshan Dr. Nneka J. Ogbuagu, lecturer at the Enugu State University of Science and Technology, Nigeria	Topic Modernized climate services for a better world and enhancement of women entrepreneurship Adsorption behavior of Cd ²⁺ and Mn ²⁺ from aqueous solutions using Moringa oleifera and their kinetics Fashion of Sustainability Effect of Varying Pressure on the Physical Properties of Different Sawdust Briquettes
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	Questions & Answer
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Session 1.iii	Women in STEM	
	Chairperson: Dr Vandana Singh, Department of Science and Technology, Delhi	
02.00pm to 4:00pm	Presenter	Topic
	Ms. Gail Mattson Dr. Ruby Heap	Celebrating the legacy of the Bold and the Brave: creating a National Archive of women scientists and engineers in Canada
	Mrs. Teena Choudhary Research Scholar, Department of Humanities, Delhi Technological University Dr. Seema Singh Associate Professor Department of Humanities, Delhi Technological University, Delhi	Women Engineers in India: An Attentive Approach for their Retention in Education and Employment
	Prof. L. Santiago Professor of Engineering, Lisbon Eng. Y. Ramos Swiss Engineering, Switzerland	A concrete solution to raise the level of life of girls and to enhance women entrepreneurship: building the case of goat milk in LDCs
	Mrs. Rufina DABO EP SARR, Ministry of Posts and Telecommunications, Senegal	International campaign "I love stem"
4.00pm to 4.30pm	Tea/Coffee Break	
Session 2.i	New Age Technology in Agriculture Hall- Peacock Ballroom 2	
	Chairperson: Dr.(Mrs.) Vijaya Khader	
4:30pm to 6:00pm	Presenter	Topic
	Engr. Chiwetalu Uche Jenice Enugu State University of Science & Technology, Nigeria	Development and Testing of a Digital Resistance Based Soil Nitrate Meter
	Dr. Kariaga Mary Gorette Masinde Muliro University of Science & Technology, Kenya	YORGHUT FLAVOURED WITH OYSTER MUSHROOM ESSENCE: MMUST YOGO
	Prof. Lang Thi Nguyen The society of biology and biotechnology, Can Tho, Vietnam	New Rice Varieties and Farmer Adoption in Development of Mekong, Delta Region in Vietnam
	Questions & Answer	
Session 2ii	Preserving Ecology-Global Case Studies	
	Chairperson: Dr. Jung Sun Kim, Dongseo University, Korea (South)	
4:30pm to 6:00pm	Presenter	Topic
	1. Ms. Evangeline Ekoh PG Student, M. tech, 2. Ms. Nneka J. Ogbuagu Ph.D student Nnamdi Azikiwe University Awka, Nigeria 3. Mr. Ifeanyichukwu U. Onyenanu Ph.D student Nnamdi Azikiwe University Awka, Nigeria	Investigation of Enugu, Nigeria Coal End Product (fly ash) for Soil Stabilization
	Ms. R.A. Gauravee Chethana Rajapaksha, Management Trainee, Climate Change Adaptation & Resilience Program, Management Trainee, Climate Change Adaptation & Resilience Program	Examine the existing failures of bio gas technology to use as a renewable, energy source & waste management tool in Sri Lanka
	Mrs. Emily Kitivo South Eastern Kenya University	Diversity and Abundance of Insect Pollinators in Contrasting agro ecological zones
	Questions & Answer	

Friday, 6th October of 2017

Session 3i (Workshop II)	Strategic Planning for Women in STEM organizations	
	Chairperson: Gail Mattson, PE, Brookhaven National Laboratory, USA	
9.30am to 1:30pm (with Tea Break from 11.30am to 12.00pm)	Facilitator	Topic
	Prof. (Dr.)Shobhana Narasimhan, Professor, Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore Gail Mattson, PE, Brookhaven National Laboratory, USA	Inspiring Women in STEM: How to start and run an effective organization for women in STEM including Starting/Improving an STEM organization, Activities, Structuring and Strategic Planning.
1.30pm-2.30pm	Lunch Break	
Session 3ii	Panel Discussion I: Management of Smart Infrastructures	
	Chairperson: Mr. R. Gogia, Consulting Civil & Structural Engineer, Delhi	
	Presenter	Topic
9.30am to 1:30pm (with Tea Break from 11.30am to 12.00pm)	Ms. Seema Gupta Executive Director, Power Grid	
	Ms. Nandini Roy Chowdhury, SYSTRA	Realm and Reality
	Mrs. Sangeeta Wij President WISE India	Saving Lives with Safer Structures
	Lidia Zakowska Cracow University of Technology, Krakow, Poland Zofia Bryniarska Cracow University of Technology, Krakow, Poland	Challenges and Opportunities of ICT Use for Transport Purposes in Polish Cities
	Ms. Silky Agrawal Founder, GeoCarte Radar Tech. Pvt. Ltd. Indian Institute of Technology Gandhinagar, Gujarat	Non-Destructive Technology for Underground Infrastructure Mapping, A Case Study
	Ms Radhika Markan Chairperson, IGBC, Delhi Chapter	Steel reinforcement - Myths and Reality
	Questions & Answer	
Session 3iii	Sustainable Development	
	Chairperson: Dr Praveen Arora, Head, CHORD, Department of Science and Technology, New Delhi	
	Presenter	Topic
9.30am to 1:30pm (with Tea Break from 11.30am to 12.00pm)	Dr. Larysa Anisimova/ Prof. Frolova, Institute for Nature Management Problems & Ecology	Ultrasonic synthesis of nanomagnetite
	Dr. Rashmi, Chemistry Division, Forest Research Institute, Dehradun, Uttarakand	Value Addition of NTFPs in Sericulture: A means to Economic Empowerment of Women
	Ms. Neelu J. Ahuja, Sr. Associate Professor & Head, Center for Computing Research, University of Petroleum and Energy Studies,, Dehradun, Uttarakand	Capacity Building through ICT Intervention in Art and Craft Design for Rural Women of Uttarakand
	Dilip Patnaik Vice President WISE India	
	Questions & Answer	
1.30pm-2.30pm	Lunch Break	
Session 4i (Workshop III)	Fund development for Women in STEM organizations	
	Chairperson: Ms. Gail Mattson, , PE, Brookhaven National Laboratory, USA	
	Presenter	Topic
2:30pm to 6.00pm (with Tea Break from 04.00pm to 04.30pm)	Prof. (Dr.)Shobhana Narasimhan, JNCASR, Bangalore and Ms. Gail Mattson, , PE, Brookhaven National Laboratory, USA	Inspiring Women in STEM: Fund Development for an effective organization for women in STEM including Lobbying, Fund Raising, Communications and Assistance from INWES.
Session 4ii (Workshop IV)	Wikipedia Edit-a-thon Organized by Wikipedia UK & India, Hall: Coemeeting-2	

2:30pm to 6.00pm (with Tea Break from 04.00pm to 04.30pm)	Facilitator	Topic
	Mr. Yohann Thomas & Mr. Abhinav Srivastava, Wikipedia India	Wikipedia & Wikidata
Session 4iii	Panel Discussion II: Women in STEM Hall: Coemeeting-3	
	Chairperson: Prof. Nupur Prakash, Hon'ble Vice Chancellor, IGDTUW, New Delhi	
2:30pm to 4.00pm	Presenter	Topic
	Prof. L. Dorveaux Eng. Y. Ramos, Swiss Engineering, Switzerland	Modernizing the education in STEM: the French business model which attracts,women in STEM
	Dr Katie Perry Chair, The Daphne Jackson Trust Consultant UK	Leading the Way for Returners, Daphne Jackson Trust
	Prof. Caroline Thoruwa Kenyatta University; AWSE	Enhancing Female Students' Participation and Performance in STEM at University Level in Kenya: Intervention Strategies at Kenyatta University
	Prof. Dr. Lidia Zakowska Cracow University of Technology, Poland	Gender asymmetry in Science and Technology from Armenian Perspective
	Questions & Answer	
4.00pm to 4.30pm	Tea Break	
Session 4iv	Global Best Practices in Health Sciences Hall: Coemeeting 3	
4.30pm-6.00pm	Chairperson: Dr. Puneet Mishra, Center for Community Medicine, AIIMS	
	Presenter	Topic
	Prof. Dae-Duk Kim Seoul National University, South Korea	Proliposomes for enhancing oral absorption of celecoxib
	Dr. Janithra Senanayake	Purification, Characterization of L-Methioninase and it's Application as an Anticancer Agent
	Questions & Answer	
Saturday, 7th of October 2017		
Session 5i	INWES Annual General Meeting Hall: Coemeeting-2	
9.30am-11.00am	INWES Members & Representatives- Mandatory Annual General Meeting (AGM) for INWES - Business agenda includes officer reports, formal motions, election of new board members, and announcement about ICWES18. An AGM agenda will be sent out to all INWES members by the Secretary General.	
Session 5ii	Poster Presentation Hall: Coemeeting-3	
9.30am-11.00am	Presenter	Topic
	Nazri Alib Associate Professor	INTERFACE STABILITY ASSESSMENT ON COMPOSITE LANDFILL LINERS USING LIMIT EQUILIBRIUM ANALYSIS METHOD
	Neelima Chakrabarty Head - CSIR-Central Road Research Institute	Devising Novel Methods in Driver Testing in India
	Ms Stueti Gupta	Systems thinking & its Importance for technical leadership
	Kamini Gupta CRRI, New Delhi	Overview of Road Safety & Related Audits in Indian Scenario
11:00am to 11:30am	Tea Break	
Session 6i	Emerging Trends in Green Technologies & IT Infrastructure Hall:Coemeeting2	
11:30am - 1:30pm	Prof. Dileep N. Malkhede, Advisor1, AICTE, New Delhi	
	Presenter	Topic
	Professor Leong Wai Yie The Institution of Engineers, Malaysia	Next Industry Revolution: Opportunities & Challenges of Industry 4.0
	Dr Poonam Juneja, Faculty Dr Prajwalit Shikha, Faculty	Study of the Pros and Cons of Green Technologies
	Mrs. Evelyn Chilotam Enugu State University of Science and Technology	Information system development for business intelligence

	Mrs. Dorothy Abonyi The University of Sheffield	Cellular Network Load Balancing Strategy For Unexpected Hotspots in Developing Countries
	Mr. Arun Bhatia MD, United Technologies - Climate, Controls &	Green Buildings in India - a movement
	Questions & Answer	
Session 6ii	Women in STEM HALL- Comeeting 3	
	Chairperson: Prof. Ryo Kimura, President, Japan Society for Professional Engineer of Women, Tokyo, Dr. Nanko, Japan,	

11:30am - 1:30pm	Presenter	Topic
	Mrs. Aguri Nakano Okinawa Polytechnic College	Let's talk about: Gender Free
	Prof Eucharia Kenya Professor, University of Embu	Women leadership in science: from challenge to success
	Dr. Uduakobong Aniebiat Okon University of Uyo	Growing smart girls for the smart world: girls power initiative programmes
	Prof. Wai Yie LEONG, The Institution of Engineers, Malaysia	Borderless Programme: Retaining Women in STEM
	Dr Katie Perry Chair, The Daphne Jackson Trust & Ms. Holly Perry School Student, 12 (UK) at Simon Langton Girls Grammar School, UK	Parent Power - positive role models and how to get it right

Session 6iii (Workshop V)	Leaky Pipeline - Returners and Transfers Hall-Peacock-2	
	Chairperson: Dr. Rashmi Sharma, Scientist E, Department of Science & Technology, Delhi	
11:30am -1:30pm	Facilitator	Topic
	Dr Sarah Peers Director and Advisor at IKE in London Women's Engineering Society (WES) Attracting, promoting and retaining women engineers and scientists	Leaky Pipeline - Returners and Transfers
1:30-2:30pm	Lunch	
Session 7.i	Sustainable Initiatives in Engineering for grass root level	
	Chairperson: Prof(Dr.) Balvinder Shukla(TBA)	
2:30pm to 4:00pm	Presenter	Topic
	Dr. Roseni Dearden INWES Vice President	STEM & sustainability at grassroots level
	Dr. Sarah Peers Director and Advisor at IKE in London	Humanitarian Engineering - the role for women
	Ms. Dikshya Maharjan Local Roads Bridge Programme (LRBP), Local Roads	Electric vehicle association and women empowerment in Nepal
	Dr. Felicia AkereleCOREN (Regd.), MASABE, MNSE, MNAIE, APWEN, MSWE, MICWES, MISTRO) Department of Agricultural and Environmental Engineering, Federal University of Technology, Akure, Ondo State. Nigeria.	Agricultural safety audit as a means of national development
	Dr. Seema Singh, Associate Professor in Economics, DTU, Delhi	Triple Helix of University-Industry-Government for Poverty Alleviation in India
	Questions & Answer	
Session 7ii	Technology Interventions to enhance food security Hall- Coemeeting 2	
	Chairperson: Prof. Lidia Zakowska, Faculty Of Civil Engineering, Cracow University of Technology, Poland	
2:30pm to 4:00pm	Presenter	Topic
	Ms. M.N. Mwangi, Kenyatta University, Association of African Women in Science & Engineering G. Wamue-Ngare W.J. Njuguna	Integrated on-Farm Nurseries of Tissue Culture (TC) Bananas and Multipurpose Trees (MTPs) for Sustainable Food Security in Siaya County, Kenya
	Dr. Ooko Selline Masinde Muliro University, Kenya	African knowledge on endod (phytolacca dodecandra) and its potential as a sustainable research resource and a science teaching aid in kenyan schools
	Questions & Answer	
Session 7iii	Business Insights for a successful STEM Profession	
	Chairperson: Ms. Sangeeta Wij, President, WISE India	
2:30pm - 4:00pm	Presenter	Topic
	Yvette Ramos (Switzerland)	Taking off the invisibility cloak in the 21st Century
	Ms. Stueti Gupta	How not to be a secret in your organization
	Dr. Neelima Chakrabarty Head & Sr. Principal Scientist Ms. Kamini Gupta Sr. Technical Officer, TES, CSIR-CRRI, Mathura Road, Delhi	Devising Novel Methods in Driver Testing and Certification
	Dr. Ajanta Khaund Bezbaruah, Associate Professor in Economics, Guwahati	Status of STEM professions
	Questions & Answer	
4:00pm - 4:30pm	Tea Break	

VALEDICTORY SESSION Hall:Peacock Ballroom-2		
4:30pm to 4:40pm	Opening Address	Ms Shivani Pandey Secretary, WISE India
4:40pm to 4:55pm	Key Insights of the ICWES17	Dr Seema Singh Chair, Technical Committee Vice President, WISE India
4:55pm to 5:15pm	Valedictory Address	Dr Balvender Shukla Hon'ble, Vice Chancellor, AMITY University
5:15pm to 5:30pm	An Invitation to ICWES18 by the University of Warwick	Dr. Georgia Kremmyda
5:30pm to 5:45pm	Way Ahead	Tulika Pandey Ministry of Electronics, Delhi
5.45pmpm to 6.00pm	Vote of Thanks	Mrs Sangeeta Wij
Gala Dinner - a touch of India-a Cultural Evening Time: 7:30pm onwards		