

Conference Report

Report on National Welding Seminar (NWS-2022) and 15th Weld India Exhibition held on 19-21 January 2023 at Chennai Trade Centre, Nandambakkam, Chennai

National Welding Seminar (NWS-2022) and 15th Weld India Exhibition went on very well during 19-21 January 2023 at Chennai Trade Centre, Nandambakkam, Chennai as hosted by Chennai Branch of The Indian Institute of Welding (IIW-India). Prof. V. Balasubramanian, Chairman, The Indian Institute of Welding (IIW-India), Chennai Branch and Director, Centre for Materials Joining & Research (CEMAJOR), Annamalai University, Chidambaram was the Organising Secretary.

National Welding Seminar 2022 and 15th Weld India Exhibition 2022 were inaugurated by Dr. G. Madhusudhan Reddy, Outstanding Scientist & Director, DMRL, DRDO, Hyderabad on January 19 2023. Shri Deepak Acharya, President of The Indian Institute of Welding, delivered the Presidential Address and Shri Rituraj Bose, Hon. Secretary General, IIW-India offered felicitations. Award giving ceremony was then organized to give away different awards instituted by The Indian Institute of Welding.

Dr. Hasan Shaikh, Former Scientist from IGCAR, Kalpakkam received IIW-Life Time Achievement Award-2022 for outstanding contribution towards promotion of Welding Science & Technology in India.

Shri A.A. Deshpande of Mumbai delivered Shri L.P. Mishra Memorial Award Lecture on "Weld Overlay Restoration of Forged DI Pipe Moulds" when Dr. Hemant Kumar of IGCAR-Kalpakkam delivered Prof. Placid Rodriguez Memorial Award Lecture on "Development of Hardface Coatings for Power Plant Applications".

Shri Diganta Sarma of IONAX AP, Chennai delivered Prof. DRG Achar Memorial Award Lecture instituted by The Indian Institute of Welding, Chennai Branch. Dr. B. Venkataraman, Director, IGCAR-Kalpakkam, Dr. S.K. Jha, CMD, MIDHANI-Hyderabad and Shri Hafeezur Rahman, Senior Scientist, CVRDE, DRDO, Chennai delivered Plenary Lectures.

There was a Plenary Session on Skill Development in the post lunch session of January 19 2023. After this, Technical Sessions in four parallel sessions were arranged. A total of 100 Contributed Papers was presented in 24 Parallel Sessions. Also there were 20 Invited Lectures arranged over the three days of NWS-2022.

A unique feature was there in this event in the Technical Session 3A on January 20 2023 in the morning on "Women Professionals in Welding". In this session, eight papers were scheduled to be presented by the lady welding professionals.

Prof. Dr. Santanu Das of Kalyani Govt. Engineering College, Kalyani chaired a Technical Session 3C on Welding Metallurgy II on January 20 2023 in the morning. Golden Jubilee Celebration of The Indian Institute of Welding (IIW-India), Chennai Branch was also organized on January 20 2023.

On January 21 2023 in the morning, Prof. Dr. Santanu Das presented a technical paper in Technical Session 4B on "Influence of AC frequency, current and arc length on bead profile in AC TIG welding of aluminium" authored by Debabrata Roy and Santanu Das.

Prof. Dr. Santanu Das presented an Invited Lecture on January 21 2023 in the pre-lunch session, Technical Session 5D on “Arc Welding Processes III” on “Use of activating flux for improving productivity of TIG welding of thick stainless steel plate” authored by Prof. Dr. Santanu Das, Dr. Suman Saha, Bashab Chandra Paul and Samarendra Acharya.

Nearly 30 Welding, Fabrication and Automation Industries displayed their products in the Weld India Exhibition. In total 250 Delegates attended the three days programme. Valedictory Function was held at the end of the 3-day NES-2022 on January 21 2023 in the afternoon. These two National Events were organized in a grand manner.

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Report of “International Mother Language Day” Organised by ISEC, Kolkata on 21st February, 2023

ISEC, Kolkata has successfully observed **International Mother Language Day** on 21.02.2023 in on-line mode at 7.00.p.m through google meet. The programme started with the inaugural speech of Prof. Santanu Das, the Secretary, Institute of Science, Education and Culture (ISEC).

Prof. Santanu Das explained the significance of **International Mother Language Day** briefly in his inaugural speech. 21st February was declared to be International Mother Language Day by UNESCO on 17th November, 1999. It has been observed throughout the world since 21 February 2000. The declaration came up as a tribute to the Language Movement done by the Bengalees of Bangladesh (the then East Pakistan).

When Pakistan was created in 1947, it had two geographically separate parts: East Pakistan (currently known as Bangladesh) and West Pakistan (currently known as Pakistan). The two parts were very different from each other in the sense of culture and language. The two parts were also separated by India in between.

In 1948, the Government of Pakistan declared Urdu to be the sole national language of Pakistan, even though Bengali or Bangla was spoken by the majority of people combining East Pakistan and West Pakistan. The East Pakistan people protested since the majority of the population was from East Pakistan and their mother language was Bangla. They demanded Bangla to be at least one of the national languages, in addition to Urdu. To demolish the protest, the government of Pakistan outlawed public meeting and rallies. The students of the University of Dhaka, with the support of the general public, arranged massive rallies and meetings. On 21st February 1952, police opened fire on rallies. Abdus Salam, Abul Barkat, Rafiq Uddin Ahmed, Abdul Jabbar and Shafiur Rahman died, with hundreds of others injured. This was a rare incident in history, where people sacrificed their lives for their mother tongue. Since then, Bangladesh celebrates the Mother Language Day as one of their tragic days.

The inaugural speech was followed by a cordial welcome address by Dr. Swapna Mukherjee,
