

EWCI 2014 – Third Successful International EW Conference India

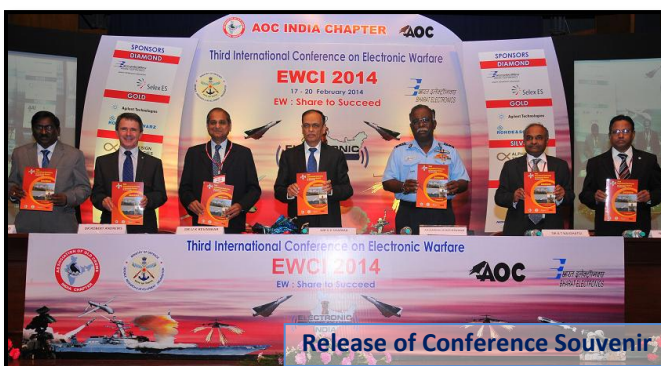
The **EWCI 2014**, the Third Conference in the popular Electronic Warfare Conference India (EWCI) series, held during **17 – 20 February 2014** at National Science Seminar Complex, Indian Institute of Science, **Bangalore**, concluded on a very successful



note. The India Chapter of AOC proudly organised the Conference with full support from Defence Research and Development Organisation (DRDO), Government of India and Bharat Electronics Limited (BEL), Bangalore, a Defence Public Sector Unit. The Conference was inaugurated in a glittering Inaugural Function on **18 Feb 2014** by the Chief Guest, **Mr S K Sharma**, the Chairman and Managing Director of BEL. The President of AOC India Chapter, **Dr U K Revankar**, welcomed the participants and

addressed the gathering stressing the rationale behind organising the EWCI 2014 Conference. After releasing the Conference Souvenir, two Keynote Addresses by **Air Marshal M Matheswaran**, AVSM VM, PhD, DCIDS (PP&FD), IDS, New Delhi, India and by **Col. Wayne L Shaw III**, USAF (Retd), President, AOC HQ, USA – represented by **Dr Robert Andrews**, AOC Director, International Region I,

were delivered. The Chief Guest also inaugurated the Technical Exposition accompanying the Conference and visited the Exhibition.



The Conference covered all key areas of Electronic Warfare. About 90 Technical Papers, including about 25 Papers from abroad, were presented in 24 Sessions held in parallel in three seminar halls at the venue, which were chaired by eminent personalities in the field of EW from India and abroad. Additionally, two Plenary Sessions with 6 Plenary Talks and three Invited Talks on current EW thrust areas were also presented. Following were the Session Topics under which the

Papers for the Technical Sessions were presented:

1. **EW SYSTEMS AND DF TECHNIQUES**
2. **EW RECEIVERS AND RF SUB SYSTEMS**
3. **ELECTRONIC ATTACK AND HIGH POWER TRANSMITTERS**
4. **EO BASED EW SYSTEMS**
5. **ESM/ELINT**
6. **EW ANTENNAS & ACTIVE PHASED ARRAY SYSTEMS**
7. **COMMUNICATION EW & RCIED**
8. **EW SIGNAL PROCESSORS AND DIGITAL RECEIVERS**
9. **EW/EO THREAT STIMULATORS AND EW TESTING/EVALUATION**
10. **EW SYSTEMS SOFTWARE ENGINEERING, MODELLING / SIMULATION AND PRODUCTION**
11. **EW SYSTEMS PLATFORM AND NETCENTRIC OPERATION**



The Conference received more than 320 Delegates from EW related organisations including Defence Research and Development Organisation, Bharat Electronics Ltd., Indian Armed Services, Public and Private Sector EW Industries from India and abroad. All the Delegates received Hard & Soft copies of the Conference Proceedings and participation



certificates. Plenty of opportunities were available for the Exhibitors and Delegates to interact with each other and discuss both technical and commercial aspects of current and future EW Systems development.

The **Conference Dinner** followed by a very charming **Cultural Programme** also provided an opportunity for the Delegates, Participants and Organisers to interact closely with each other.

Pre-Conference Tutorials were also organised as a part of the Conference on **17 February 2014**, which received 150 Delegates. The Tutorials were conducted by eminent International Researchers as follows:

Tutorial 1: EW Systems Operational Support By Dr Andrea De Martino and Dr Graziano L Lincenti, Elettronica, Italy

Tutorial 2: New Generation (NG) Jammer for Cyber Warfare
By Dr Andrea De Martino, Elettronica, Italy

Tutorial 3: EW Evolution on Future Naval Systems
By Mr Jose M Pascual, INDRA, Spain

Tutorial 4: Advanced Concepts in Radar and Electronic Warfare By Mr Harold Screven, Northrop Grumman Systems, USA.



The Indoor **Technical Exhibition** accompanying the Conference was very well represented by more than 45 major international EW Organisations from 8 countries. The DRDO and Indian Public Sector Units like Bharat Electronics Limited,



Bharat Dynamics Limited and Electronics Corporation of India, also participated in the Exhibition showcasing the indigenous EW Products and Systems. The state-of-the-art Exhibits impressed the Delegates and business visitors from Indian EW Industry, while the Exhibitors had ample opportunities to interact with users and potential collaborators. The generous sponsorship by EW Organisations (with Diamond/ Gold/ Silver and Bronze Sponsors) had been the major support factor in realising the EWCI 2014 Conference.

During the closing function many issues related to the field of EW and feedback regarding the organisation of EWCI Conference were discussed. All the Delegates and Exhibitors were given participation certificates and the Conference ended with a very satisfactory note.