

INTERNATIONAL CONFERENCE ON



CONVERGENCE TO DIGITAL WORLD - QUO VADIS 2020

Conference Report

Technology can become the wings that will allow the educational world to fly farther and faster than ever before. Today, necessity of emerging world is Digital transformation and Atharva College of Engineering (ACE) aims to spark discussion through this conference. Our **IEEE International Conference on Convergence Digital world-Quo Vadis (ICCDW) 2020** has been successfully conducted from **18th -20th February 2020** under the guidance of **International Advisory and Technical Program committee** with the support of Conference chair **Dr. P.N. Nemade** (Director, ACE) and **Dr. Shrikant Kallurkar** (Principal, ACE) along with Organizing chair **Ms. Karuna Nikum** (Asst. Prof., Elect Dept.), Co-organizing chair, **Ms. Kavita Bani** (Asst. Prof., Electronics, Dept.) and Steering committee.

ICCDW 2020 have received papers from various vital domains like **Cloud Computing, Big Data, Virtual Reality, IoT, Power Electronics, Communication and Networking, Advance Research in Science and Technology**. ICCDW 2020 segregated the technical papers and posters in

four different tracks.

- **Health in Digital World,**
- **Digital Environment ,**
- **Energy efficient systems and digitization in industries**
- **Advanced research in science technology and e-learning.**

We also received blessing in the form of message from **Prof. D. P. Singh (UGC, Chairman, New Delhi)** for our conference and the exceptional guidance for conference by Patron **Hon. Mr. Sunil Rane Sir** (Executive - President of Atharva Group of Institutes & Founder Secretary - AET) and continuous support to ICCDW from **Dr. Abhay Wagh (Director, Directorate of Technical Education, Mumbai, Maharashtra).**

Day 1

We had two parallel workshops on **18th Feb'20. “अग्रिम तंत्र ज्ञान – Advanced System Ingenuity”** for professional which was sponsored by Smartree: Datagami company. **Mr. Manoj Singh (SAS Consultant & Corporate Trainer SAS Institute) & Mr. Kaushal Shah (Chief Marketing and Information Officer)** covered the topics under professional workshop and gave us the vision towards a new arena by covering topics on analytics & advanced system ingenuity and gathered traction by discussing the challenges and opportunities.

The other one which was for the students revolved around the topic –**Deep learning, Mr. Akash Khamkar & Mr. Arjun Pukale** were experts for the students workshop.

Day 2

The program is started with welcome address & opening remarks by **Prof. Karuna Nikum.** The **Guest of Honour Mr. R.P. Deshpande, Chief Information Officer, Teleperformance, DIBS, Mumbai,** made this day remarkable by his golden words of wisdom. **Prof. S.S. Mantha (Former Chairman, AICTE, New Delhi) Chief Guest** of the event, motivated youth to think innovative during inauguration. His presence itself has created such a great impact on the youth and professionals. Principal and conference chair **Dr. S.P. Kallurkar** gave concluding remarks. Discussion on cyber security by **Mr. R. P. Deshpande** gave us lots of insights. Inauguration of poster presentation by Deshpande Sir and Dr. S.P.Kallurkar sir made our day more auspicious.

We have accepted **103 quality papers and 65 posters** from different zones and states within and outside INDIA. Authors from more than 47 Institutes participated in ICCDW 2020. Each session was appended with particular track having expert judges belonging to the same track. Each session was a great experience not just for the authors to present their papers but for the experts to explore the diversity!

First parallel session was under the guidance of **Dr. Anoop Arya, Mr. Pramod Shevde** and various vital topics like lithium Ion operated bike, DC conversion topologies, cognitive radio n/w, Jaya/mppt and self learning algorithms and indigenous technologies were discussed. Idea behind these parallel sessions is to help and motivate researchers to carry forward their work in the field of Electrical and electronics engineering. **Dr. Narendra Kumar Dasre, & Dr Jayant Gadge** were the experts for the second parallel session. **Dr. Narendra Kumar** discussed with authors on topics related to applied science and technology. Carbon nano tubes, six sigma tools, organic inorganic hybrid coating were the topic of discussion. **Dr Jayant Gadge** shared his views on various topics like chat both, Image noise removal , IoT and Block chain. **Dr. Jagannath Nirmal** was the expert enlightening knowledge of authors for third parallel session and the topics of discussion were 3D printer, Digital signal processing, 2D Photonic crystal and 5G antenna.

In the fourth parallel session, authors got valuable inputs in the domain of recent trends in IT from the expert **Dr. Vijay Katkar & Dr. Hariram Chavhan**. They discussed CNN, VR/ AR, Supervised & Deep learning, Biometric authentication, Digital watermarking and Internet Bank fraud. We had arranged for the virtual presentation using **Atharva's WIZIQ** platform for an International author as we have received quality papers from Canada, China and other countries.

After discussing with few of the authors regarding their feedback about the paper presentation: one of the authors told us that, now he was aware of Machine learning and artificial neural network but was not aware about its upcoming research and these many numbers of applications. After the discussion with other authors in the same domain, he got an opportunity to learn a lot in the field of Data Science. And hence we say that ICCDW is a successful technical meet up to gain knowledge and connect with the experts for future collaboration. The feedback from the judges was simply phenomenal. They were pretty much happy to see the efforts taken by the current generation and of course the diversity was something that left them awestruck. Also, there was full attendance. Hundreds of students attended the sessions and thoroughly enjoyed and explored them.

Day 3

Third Day started with the keynote address by **Mr. Amit Nikum** (CEO and founder, SNAS IoT laboratories Pvt. Ltd) followed by the panel discussion.

The panel discussion on “**Digital World –challenges & opportunities**” which was something by which we ourselves were left awestruck because of the lead taken by such an elite group, namely **Dr. Deepak Waiykar** (Vice chair, IEEE education society Singapore), **Mr. Gulrej Khan** (Chief Information Officer, SNAS IoT Lab Pvt.ltd Pune), **Mr. Shah** (BDO India LLB, Mumbai), **Mr. Pranav Nerurkar** (Asst. Prof NMIMS, Mumbai), with faculty coordinators Ms. Deepali Maste (HOD INFT,ACE), **Ms. Neha Singh** (Asst.Prof, ACE) & **Ms. Sinu Mathew** (Asst. prof ACE) along with the student representative **Mr. Prem Raval** ignited a spark in all of us!

To begin with the valedictory function, **Editor** of the conference **Mr Sachin Gavhane** (Asst. Prof. INFT) gave rapporteurs report. Talk by Guest of Honour **Dr. Aditya Abhyankar** (**Dean faculty of technology, Savitribai Phule Pune University**) and Chief Guest **Dr. Deepak Waikar** (**Chair of IEEE Education Society, Singapore**) have motivated youth. Valedictory function concluded with certificate distribution for paper and poster presentations along with vote of thanks by **Ms. Karuna Nikum** with beautiful memories of the conference.

Last but not the least Steering, Organizing and core committee of this IEEE conference in ACE appreciate efforts of all the authors participated in ICCDW 2020 and making conference more fruitful and worthy.

ICCDW is a successful technical meet up to gain knowledge and connect with the experts for future collaboration.

Ms. Karuna Nikum
Organizing Chair

Dr. S.P.Kallurkar
Principal, ACE
Conference Chair

Ms. Neelima Pathak
Publication Chair

Mr. Sachin Gavhane
Editor in Chief