

Post Conference Report

National Symposium on Computing Analytics & Networks (NCAN 2017)

Precursor to

International Conference (ICAN2017)

Organized by Chitkara University Himachal Pradesh in collaboration with CSI, IETE, IEEE Students' Chapter and with industry support from NewGen Software

Date – April 15, 2017 | Venue – Chitkara University H.P.

Chitkara University Himachal Pradesh organized the *first* National Symposium on Computing Analytics & Networks NCAN2017 on April 15, 2017 to provide young budding researchers an opportunity and platform to present their research work in these areas. The symposium NCAN2017 is organized as precursor event to international conference ICAN2017 that will be organized in October 2017.



NCAN2017 Delegates

Background

Theme of the symposium is carefully chosen so as to cover diverse domain areas and yet remains focused in covering key technology areas of Computer Science Engineering. Computing, Analytics & Networks are the pillars of modern day technology. We do a lot of *computing* in our day to day life like – withdrawing money from ATM, using smart phones, accessing emails, browsing internet etc. In today's information world we are generating lots and lots of data – Big Data, Huge Data are quite well known terms. In order to derive any useful information from this data one needs to know good data *analytics* techniques. Every modern day human being is connected to the world through internet or Network. Today not only human beings but the devices are also connected to internet.



Students' Chapter



Students' Chapter



Students' Chapter



NEWGEN
One world. One workplace.

As a result there is always a requirement of higher bandwidth, higher speed, and efficient network topologies to meet the ever increasing demand of high speed networks.

Introduction

NCAN2017 drew a very good response for engineering institutions around the region. We received close to 90 papers/abstracts of which 35 papers/abstracts from 10 different engineering institutions were selected for presentation on the day of the symposium. Close to 100 delegates from various different institutions attended the symposium.

NCAN2017 witnessed four keynote talks in the areas of computing, analytics & networks by leading experts from both academia and industry. The symposium also featured a hands-on tutorial organized in parallel with paper presentations session and was attended by around 20 delegates.



Distinguished Dignitaries

NCAN2017 in Chronological Order

- **Inaugural & Welcome Address** – The inaugural ceremony of NCAN2017 was attended by Dr. Varinder S Kanwar – Registrar, Chitkara University H.P., Dr. Archana Mantri – Pro VC, Chitkara University Research & Innovation Network, Dr. Rajnish Sharma – Dean Research, Chitkara University.

The occasion was graced with the presence of our distinguished dignitaries – Prof. Dr. B Yegnanarayana – Professor, IIIT Hyderabad (former professor IIT Madras), Prof. Dr. Ojaswa Sharma – IIIT Delhi, Prof. Dhananjay V Gadre – NSIT, New Delhi and Mr. Atul Srivastava – NewGen Software. The program was attended by over 100 delegates including heads of various departments & faculty from Chitkara University. Program began with the welcome address delivered by Mr. Sagar Juneja – Research Associate, CURIN & Convener of NCAN2017.



Welcome Address by Convener



Students' Chapter



Students' Chapter



Students' Chapter



NEWGEN
One world. One workplace.

- *Keynote Address* – NCAN2017 featured four keynote address. The first keynote address was delivered by one of the well known professors of Computer Science in India - Prof. Dr. B Yegnanarayana.

He is former professor from IIT Madras with having 50 years of experience in subjects like signal processing, neural networks, speech & vision etc. He delivered a very powerful and thought provoking keynote on the topic 'Challenges In Processing Natural Signals Like Speech'.



Prof. Dr. B Yegnanarayana delivering his keynote address



His keynote was followed by a talk on 'Computing in Graphics and Beyond' delivered by Prof. Dr. Ojaswa Sharma from IIIT Delhi an expert in the area of Computer Graphics & Computational Geometry.

Prof. Dr. Ojaswa Sharma delivering his keynote address

The third keynote address was in the area of analytics delivered by industry expert Mr. Atul Srivastava from NewGen Software. He shared the opportunities and challenges that industry face in the domain of analytics during his talk entitled - Analytics and Its Practical Implementations

In order to do computing, analytics & build networks one need to have a platform and one such popular platform is Beaglebone Black from Texas Instruments. So the final keynote address was on this platform delivered by Prof. Dhananjay V Gadre from NSIT, New Delhi. His talk was entitled - BeagleBone Black for IoT, Data Aggregation & Computing.



Students' Chapter



Students' Chapter



Students' Chapter



NEWGEN
One world. One workplace.



Mr. Atul Srivastava



Prof. Dhananjay V Gadre

- Paper Presentations** – NCAN2017 featured paper presentations of 35 shortlisted papers/abstracts from 10 different engineering institutions in three parallel tracks – Computing, Analytics & Networks. All these papers automatically qualify of presentation during International Conference ICAN2017 with attractive benefits. All NCAN2017 papers/abstracts to get 50% discount in registration fee of ICAN2017 and we are going to announce top 10 papers/abstracts out of 35 that were presented. These top 10 papers to get 100% discount in registration fee of ICAN2017. During NCAN2017 the papers were shortlisted based on abstract only and full papers are solicited only during the international conference ICAN2017. In this way NCAN2017 provided a wonderful platform to budding researchers to prepare themselves from International Conference.



Track 1 – Computing



Track 2 – Analytics



Track 3 – Networking

- Hands-on Tutorial** – Hands-on Tutorial entitled BeagleBone Black for IoT, Data Aggregation & Computing: A Tutorial was conducted in parallel with paper presentations session to give hands-on experience on Beaglebone Black to the participants. The tutorial was attended by 20 participants and with conducted by Prof. Dhananjay V Gadre and his former student Mrityunjai Kumar.

Conclusion

NCAN2017 was a unique event and it served its purpose. It was organized as a precursor event to international conference to provide budding researchers a platform to present their work and obtain feedback from experts there by prepare themselves for international conference. NCAN2017 also provided an opportunity to budding researchers to network with leading experts from both academia and industry. NCAN2017 was concluded successfully with about 100 delegates mostly M.E. & Phd scholars attending it and with 4 leading experts in the areas related to theme areas of NCAN2017 sharing their expertise with the delegates.



Students' Chapter



Students' Chapter



Students' Chapter



NEWGEN
One world. One workplace.