



IEEE ComSoc Annual Report, Kolkata Chapter

1. IEEE International Conference:

"International Infosec Summit, Bangladesh" on 17th Feb 2019 at The Westin, Dhaka

This Symposium is driven by InfoSec Foundation, and Enterprise IT World. The Topic of the event covered Cyber Security Roadmap for Financial Sector/ Industry 4.0 / AI & Blockchain / Startups in IT Security ecosystem, Agility and Flexibility in adopting Cyber Security for Telecom/ Cloud/ Infra Providers, etc.

This is a platform that aims to bring together the MD/CEOs/CIOs/CDOs/CISOs in Global CISO's with an agenda to interact and discuss the latest trends in Information Security and share their key experiences and learning. It was an excellent opportunity for the attendee companies to showcase their services, credibility and product related to Information Security. Delegates from all over the world were present in the Conference. Minister- planning, Govt of Bangladesh was present in the conference. Industry activity Coordinator of **IEEE Bangladesh Section**, Mr. Azfar Adib was also present in the event.

This initiative is technically supported by IEEE COMSOC. The event was sponsored by Enterprise –IT World.

Mr. Pallab Ganguly, Chairman – IEEE Comsoc Kolkata Section, CISO-Gen ,CESC Ltd was invited to speak on **“Cyber Security for the critical Infrastructure in a Power Utility”**.



Mr. Ganguly is speaking at the conference.



Mr. Ganguly is receiving a memento.

Second International Conference on Advanced Computational and Communication Paradigms (ICACCP-2019)

This year COMSOC Kolkata Chapter was one of the Technical Sponsors for the Second International Conference on Advanced Computational and Communication Paradigms (ICACCP-2019), Organized by: Department of Computer Science and Engineering, Sikkim Manipal Institute of Technology, East Sikkim, Sikkim, India, during February 25-28, 2019. .

The conference Venue: Sikkim Manipal Institute of Technology, East Sikkim, Sikkim, India.

Web: <http://www.icaccpa.in/>

The past Chapter Chair Prof. Iti Saha Misra IEEE ComSoc Kolkata was in the ICACCP advisory committee. She was also an invited speaker in the conference. She delivered her invited talk on 26 Feb 2019 on the topic “**Cognitive Radio and Some Prospective Applications for 5G Communication**”. There were about 60 participants in the lecture session.

It was a wonderful experience to be the part of ICACCP 2019 International conference at the beautiful Himalayan foothills of Sikkim. The conference was very well organized with high quality delegates. More than 95% paper was presented.



Prof. Iti Saha Misra delivering her invited talk on 26 Feb 2019 at ICACCP

"IEEE AP CCC Meeting at Shanghai"

This initiative is technically supported by **IEEE COMSOC**. The event was sponsored by **IEEE Region 10**.

Mr. Pallab Ganguly, Chairman – IEEE Comsoc Kolkata Section, attended the meeting at Hotel ShangriLa, Shanghai and presented the Kolkata chapter activities in details. This meeting has occurred in conjunction with the conference IEEE International Conference on Communications, 20-24 May 2019. The Harbin chapter has showcased their excellence in attaining the best chapter award. There were various discussions on the membership development programs and the Industry oriented initiatives.



Mr. Ganguly with the IEEE COMSOC President



Mr. Ganguly is speaking at the meeting

Industry Panel at the International Conference IEEE TENSYP, 2019

The IEEE International Conference, TENSYP, 2019 was held at the Biswa Bangla Convention Center from 7th to 9th June, 2019. The panel discussion was driven by IEEE COMSOC Chairman, Mr. Pallab Ganguly who was also the Industry Liaison Chairman of the Conference. This initiative is supported by **IEEE COMSOC & NASSCOM**.

The event was sponsored by **CISCO, ERICSSON, Vehere & Power Grid**.

IEEE TENSYP, 2019 IRC Panel Discussion held on "**How IEEE can help Industry and vice-versa**". The moderator was **Mr. Pallab Ganguly, Chairman, IEEE, COMSOC, Kolkata Chapter**.

The eminent panelist were Mr. Sandeep Sengupta, Director, ISOAH; Mr. Sanjay Das - Jt. Secretary (IT & E), Govt of West Bengal; Mr. Partha Sengupta (Senior VP, ITC Infotech); Mr. Sanjay Prasad (CIO, CESC LTD); Dr. Sourav Dutta (CTO , PAYBACK, an AmEx Company); Mr. Rana Pratap Sircar (Head of Innovation, Ericsson Digital Services SDU India). The panel was fortunate to have the presence of **IEEE Region 10 Director, Mr. Akinori Nishihara** and actively supported by ComSoc Kolkata Chapter immediate past Chair Prof. Iti Saha Misra.



PIC1: The panelist, moderator with the IEEE Region 10 Director, Nr. Akinori Nishihara

PIC2: The Industry Panel at the dais sitting from left: Mr. Pallab Ganguly, ComSoc Chair, Mr. Sandeep Sengupta, Mr. Sanjay Prasad, Mr. Sanjay Das, Dr. Sourav Dutta and Mr. Rana Pratap Sircar.

2. Special Event on behalf of ComSoc Kolkata Chapter: Student Paper Contest on Communication in ICACCP 2019:

For the encouragement of the students dealing with communication fields, COMSOC Kolkata Chapter has organized the best paper contest on the session of communication on 27 Feb 2019 in ICACCP 2019. Two best paper awards were given based on the content of the paper, paper review report and the presentation at the session. Winners were given the certificate and a token money of Rs. 3000 each.



Communication session and the best paper award contest on 27 Feb 2019 with the ComSoc Chair Prof. Iti Saha Misra along with all paper presenters

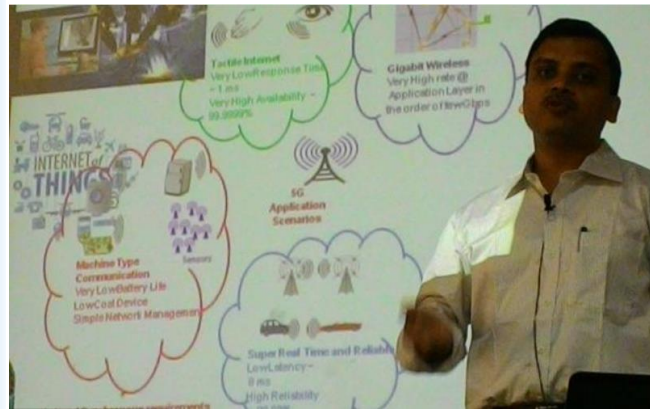
3. Workshops

Three-Day Workshop on Wireless Communication, IOT, Big Data Analytics and Computations:

ComSoc Kolkata Chapter has the technical cosponsor of the event for 3-day workshop held during Feb 14-16 2019 with the financial support of UGC UPE-II Scheme of Jadavpur University under mobile computing and innovative applications. Two technical lectures were hosted on the first day of the workshop in association of COMSOC Kolkata Chapter. Renowned professors from IIT KGP were among the experts. Prof. Saswat Chakrabarty has delivered a very interesting topic on **“Cognitive Communication”** in his own pragmatic style. The second lecture was delivered by Prof. Suvra Sekhar Das on **“5G Technology developments”** in a mesmerizing manner. There were 55 participants for the two lectures.



1. Prof. Sawat Chakraborty, IIT KGP



2. Prof. Suvra Sekhar Das, IIT KGP

One day workshop on “Optical fiber Communication with real time case study in the Industry”

A lecture presentation by Industry Expert Mr. Koushik Dutta, Asst. Manager, CESC, followed by a workshop on Optical fiber communication including live demo was arranged on 20th July, 2019 at the Broadband Wireless Communication Lab, Annex Building, **ETCE Department first floor, Jadavpur University.**

Practical demonstration included the following steps:-

- 1. The splicing and termination of optical fibers**
- 2. Switches and Media converter configuration and implementation**
- 3. End to End communication from Machine A to Machine B thru the optical fiber cable**

Faculties, Researchers, PhD Scholars, ME/M.Tech and BE/B.Tech Students attended the workshop and were benefited with the live demonstrations of optical fiber splicing, termination, end to end communication and configuration of media converters, switches, PCs etc.

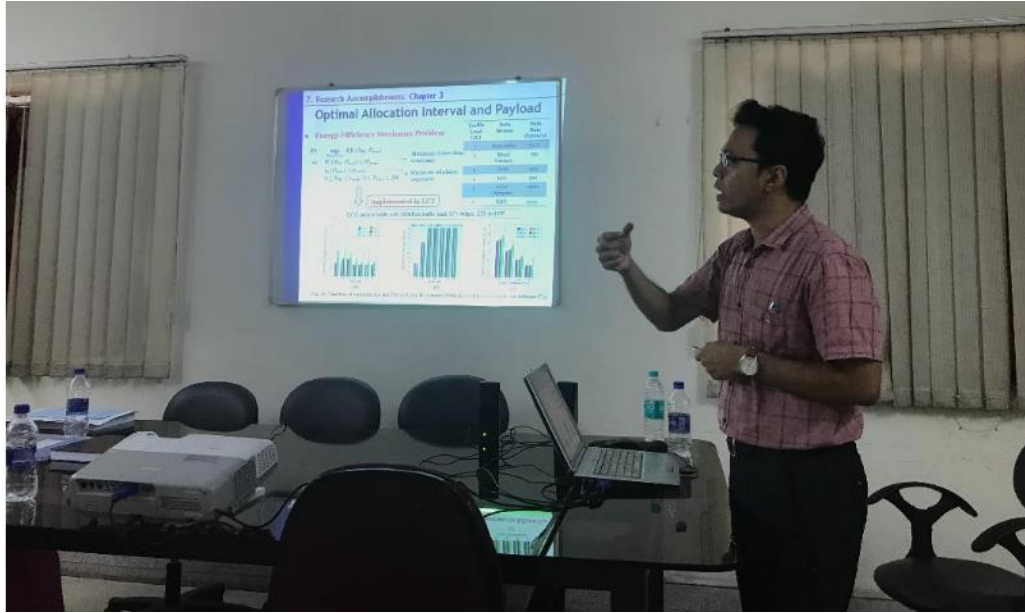


Mr. Koushik Dutta is demonstrating the live optical fiber communication

4. IEEE Technical Lectures

In the year 2019, COMSOC Kolkata Chapter has organized two interesting technical lectures on June 4 and June 6, 2019 both at the **Broadband Wireless Communication Lab of ETCE Department, Jadavpur University**.

1. Dr. Tanumay Manna has presented 1.30 hours lecture on “**Studies for the design of Wireless Body Area Network over Cognitive Radio Networks**” where master’s and PhD students have participated. The session was very interactive and technically intense. Dr. Manna Spoke very confidently for each of the related question raised by the audience.



Dr. Tanumay Manna delivering his technical lecture

2. The lecture meeting was delivered by Dr. Rana Pratap Sircar , Vice Chair of IEEE ComSoc Kolkata Chapter, and Director of Technology and Innovation of Ericsson , Delhi Centre on the very upcoming topic of **“Quantum Computation and Quantum Information”**. The lecture was participated by bachelor and master degree students of Jadavpur University and other engineering colleges. Dr Sircar spoke in length about the very nascent development of this new era.



Mr. Rana Pratap Sircar , vice chair, ComSoc Kolkata Chapter, Director of Technology and Innovation of Ericsson , Delhi Centre along with the participants

COMSOC Executive Committee Meetings:

1. 20 April 2019 at BWC Lab, ETCE Dept, Jadavpur University
2. June 6, 2019, at BWC Lab, ETCE Dept, Jadavpur University
3. 21 Nov 2019 at Golden Gate Restaurant, Jadavpur



4.

Members of ComSoc Kolkata Chapter enjoying the dinner in the meeting