



IEEE



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1. TECHNICAL ACTIVITIES

IEEE SS12 MALAYSIA 2017

Li Wen Tan

Vice Chair, IEEE USM Student Branch

Malaysia's first ever SS12 competition was recently held at @CAT Penang on the 2nd of August 2017. IEEE SS12 Malaysia 2017 has successfully gathered participants from 7 universities across Malaysia to present their projects and compete.



The competition was then judged by industry representatives from National Instruments, Vitrox, Myreka and @CAT based on four key criteria, which are innovation, practicality, complexity and working design. The judgement will be conceptual selection, whether it is useful, creativity, originality of the idea, plus scalability.

Unlike usual design/final year project competition, this event provides the winners with opportunity to continue their journey by funding them to compete in SS12 Asia Stage, which takes place in India this year. The organizers believe by providing the winner with the opportunity of competing in SS12 international stage, they will be able to broaden their worldview subsequent helped them to improve further and trigger real innovation.

IEEE R10 TISP 2017 Hosted by IEEE AUST Student Branch

Khawja Zaid Sikander

Secretary, IEEE AUST Student Branch

On 30th October 2017 IEEE Bangladesh Section in collaboration with IEEE Robotic and Automation Society Bangladesh Chapter organized 'Teacher In-Service Program (TISP)', supported by IEEE Region 10 Educational Activities. The event was hosted by IEEE AUST Student Branch. The topic for this seminar was "Robotics: The next Generation Trigger to an Automotive World" where experienced personnel from the field of robotics gave inspiring insights on real world applications and the problems we face.



The seminar started at 4:00pm and it saw an immense turn out of highly enthusiastic participants. The seminar consisted of two sections; the first section introduced us to the world of robotics, while the other section dealt with how to build a fully functional robot. Both these sections were very easy to follow and motivated almost everyone present.

The seminar successfully concluded at around 7:30pm when the speakers were presented with a memento and a group photo was taken.

IEEE EXTREME

Arjun Prasad

Vice Chair

IEEE Extreme 11.0 was hosted in Sri SivaSubramanaiya Nadar College of Engineering on 14th October 2017. The event was for 24 hours. The event saw an active participation from the Madras Section. Around 27 teams participated from the section. Technical support was provided to the participants by the host institution. The event graced the ingress of Dr H.R.Mohan, Vice Chair Madras Section. The event also had a guest lecture from Dr. Srini from ABB, USA.



A short glimpse of the event <https://www.youtube.com/watch?v=fcWwVJf-AGA&feature=youtu.be>

Technology Awareness Program (TAP'17)

Rawash Asif

Student Activities Committee, IEEE Karachi Section

On October 28th, 2017, IEEE Karachi Section organized 'Technology Awareness Program' (TAP'17) at Bahria University, in collaboration with IEEE BUKC Student Branch.

The main objective of this program was to allow student members mainly from final year to gain entrepreneurial skills on any technology to transform their projects in startups.

The event commenced with a brief explanatory session by Mr. Shaikh Muhammad Anas. After Mr. Shaikh Muhammad Anas, Mr. Tahir Mehmood Chaudhry who is a Director on Board, Cloud Security Alliance CSA Pakistan, President Computer Society of Pakistan and President & CEO, Pakistan Institute of Entrepreneurship, was called upon stage. He told the audience about how to develop entrepreneur mind and what attitude is required for it. Then, Dr. Nazir Ahmed Vaid came up and spoke about technological opportunities. Mr. Nazir is well known in Pakistan's Business, Health, Services, Telecommunications and IT industries. The event ended with Dr. Bhawani Shankar Chowdhry's speech.



2. IEEE MILESTONE

The lecture and study tour to Yosami Transmission Station, an IEEE Milestone in Japan

Tetsuya MIKI

Life Members Affinity Group Chair, Tokyo Section

LMAG of Tokyo Section held the tour to Yosami Station located near Nagoya on October 6. The event was planned to be an IEEE Days before another IEEE Days, MAW by Nagoya Section.

The lecturer, Prof. Emeritus H.Arai told that the international communication of Japan at that time was controlled by foreign great powers. The station was planned to achieve a breakthrough using radio frequency (RF). The communication system was manufactured by Telefunken of Germany, and was put into use in 1929.

The RF generator with 256 poles was driven by a DC motor to generate 700 kW at 5.8 kHz. The other components, 2 huge antennas and some internal equipment were taken away in 1997 and 2006, respectively.

After the lecture, the tour was guided in the museum by many volunteers. The participants were strongly impressed with magnificent communication components and excellent technologies at that time.



IEEE Milestones Dedication Ceremony and Commemorative Lectures

Akira Okada

Chair, IEEE Tokyo Section Publications Committee

The dedication ceremony for the "Nobeyama 45-m Telescope" IEEE Milestone was held on June 14, 2017 in Japan. Prof. Iwao Sasase, Chair, IEEE Tokyo Section, gave the opening address, and Mr. James A. Jefferies, IEEE President-Elect, presented a commemorative plaque to Dr. Masahiko Hayashi, Director General of NAOJ (National Astronomical Observatory of Japan) and Mr. Masaki Sakuyama, President & CEO of Mitsubishi Electric Corporation. Dr. Hayashi and Mr. Sakuyama gave acceptance speeches on behalf of all who contributed toward the Milestone. Plaques are exhibited at the NAOJ Mitaka campus and Nobeyama Radio Observatory.

After the IEEE Milestone dedication ceremony, a lecture session entitled "IEEE Milestones Commemorative Lectures" was held with 98 participants. Prof. Isao Shirakawa, IEEE Japan Council History Committee Chair, gave introductory remarks on the IEEE Milestone program. A lecture entitled "Development of the NRO 45-m radio telescope by Mitsubishi Electric Corporation" was then presented by Mr. Osamu Sakakibara (Former project coordinator of the development team in Mitsubishi Electric Corporation). The last lecture, "45-m radio telescope pioneering millimeter wave astronomy", was presented by Dr. Norio Kaifu (Former Director General of NAOJ).



3. AWARDS AND RECOGNITIONS

Honour Ceremony for Prof. Dr. B. S. Chowdhary on getting the National Award

Shaikh Anas

Section Student Representative, IEEE Karachi Section

On the eve of 10th September, IEEE Karachi Section hosted a ceremony honoring Professor Dr. B.S Chowdhary, on receiving the Distinguished National Award by HEC Pakistan. Dr. Nasir, former United Nations diplomat was invited as the Chief Guest for the evening. Over 25 industrialists, academicians and entrepreneurs attended the ceremony. The night ended with a dinner celebrating IEEE Karachi Section's successes.



SB Award Night & EXCOM 17 Farewell

M.SAEED UL HASSAN RAZA

Chairperson, COMSATS Abbottabad SB

COMSATS Abbottabad, Islamabad Section, R10, Pakistan (STB09991) organized farewell for passing out EXCOM 2017 & award night to recognize the efforts of outstanding volunteers. Best Volunteers of IEEE SB, WIE & CS were recognized for their efforts. Special mentions for deserving volunteers and token of appreciation for all farewell body were also distributed. Moreover, passing out EXCOM 2017 talked about their successful journey on IEEE Road. Photo sessions was done with a special dinner at the end. IEEE experiences were shared with the volunteers and SB. It is one of the great continued signature events of CIIT. Mr. Saeed Ul Hassan (Chairperson 2017) closing speech for all SB is available



on <https://www.linkedin.com/in/mrsaheed09/> - Overall event ended with high node representing IEEE CIIT ATD one of the great SBs of IEEE Pakistan.

Senior Leader Arnold Ph Djiwatampu from Indonesia Received an International Award in Telecommunication Field

Arnold Ph Djiwatampu, a senior figure in the Indonesian Information and Communication Technology (ICT) has just received an international award from IEEE Communications Society (ComSoc).

The Award for Public Service in the Field of Telecommunications, for the dedicated service as the founding Director of the ITU Bureau for Telecommunications Development (BDT) of Geneva, is given to Arnold Ph. Djiwatampu, on Tuesday, December 05, 2017, at the Luncheon Awards session on the IEEE Global Communications International Conference (GLOBECOM 2017).

This award is one of the prestigious IEEE awards, because it is only given to selected figures in the field of world telecommunication that has dedicated himself in a real and sustainable development of Telecommunications. Every year there is only one figure who gets this Award, after going through the recommendations and tight selection conducted by the jury team of ComSoc.

The award ceremony was led by Harvey Freeman, PhD, President of IEEE ComSoc Center, held at the Golden Ballroom, Marina Bay Sands Hotel and Convention Center, Singapore, witnessed by over 2,000 GLOBECOM 2017 conference participants and invited guests from all over the world.



Professor Peng Shi gets recognized as one of the Highly Cited Researchers

Since 2014, Clarivate Analytics has presented an annual listing of scientists whose publications over the previous 10 years have included a notable number of Highly Cited Papers. These reports, specified in the Web of Science Component Essential Science Indicators, have amassed sufficient citations to place them among the top 1% most cited for their year of

publication in one of 21 main subject fields. This year from the realms of engineering and computer science, Peng Shi of the University of Adelaide, Australia, reaches the list with 17 Hot Papers on the control of dynamic systems. These techniques include “sliding mode control” and other measures app. Professor Peng Shi is one of candidates of the 2018-2020 IEEE SMC Society Board of Governors Member at large. I am sure this is something fellow SMCS members should be proud of.

Scientists with Multiple Hot Papers			
Name	Institution	Field	Number of Hot Papers
Michael Grätzel	École Polytechnique Fédérale de Lausanne, Switzerland	Materials	29
Henry J. Snaith	University of Oxford, UK	Physics/Materials	29
Eric S. Lander	Broad Institute of MIT and Harvard, USA	Genomics	21
Gad Getz	Broad Institute of MIT and Harvard, USA	Genomics	21
Mohammad K. Nazeeruddin	École Polytechnique Fédérale de Lausanne, Switzerland	Materials	20
Stacey B. Gabriel	Broad Institute of MIT and Harvard, USA	Genomics	20
Sam Stranks	University of Cambridge, UK	Materials	17
Peng Shi	University of Adelaide, Australia	Systems and Control Theory	17

4. MEMBERSHIP DEVELOPMENT

Partnership with ITCN Asia 2017

Shaikh Anas

Section Student Representative, IEEE Karachi Section

This September, IEEE Karachi Section partnered up with ITCN Asia as its industrial partner, in an endeavor to encourage scientific thought, research and innovation. A 3-day event, which spanned from 19th September 2017 to 21st September 2017, was hosted at Expo Center Karachi.

IEEE Karachi Section was provided a separate booth and stall at the venue where Membership Development Officer, Mr. Atif Fareed and his team were present to guide students and young professionals on why IEEE is different from other societies. The facility of online registration was made available.

The Section Student Representative, Mr. Sheikh Muhammad Anas along with different universities volunteered for the event and it proved to be a success. Project coordinator, Mr. Hesham Ali and Newsletter coordinator were also present.



5. CONFERENCES AND CONGRESSES

Student Professional Awareness Conference

Noore Juned

Student Branch Secretary, IEEE UIU Student Branch

IEEE UIU Student Branch of United International University, successfully organized and hosted an event titled “Students Professionals Awareness Conference – 2017 (SPAC’17)” on October 27-28. Widely known as SPAC, it is one of the biggest flagship events under the banner of Institute of Electrical and Electronic Engineering (IEEE) USA, which is organized by numerous IEEE Student Branches around the globe! The spectacular event was originally initiated back in the year 1985.



The sole purpose of the conference was to focus not just on the technical side of engineering, but also to hone the non-technical attributes related to the fields and bridge the gap between students and professionals. A total of 120 students participated from across the country at the SPAC’17 which was held in the auditorium of United International University.

IEEE Karachi Section SAC Participation in IEEE PSYWC 2017

Shaikh Anas

Section Student Representative, IEEE Karachi Section

The 11th episode of Largest Congress in Pakistan, PSYWC, was held in Superior University, Lahore in October. The current SSR Karachi, Shaikh Muhammad Anas, Project Coordinator, Hesham Ali, WIE Coordinator, Shiza Asif, Karachi SAC Chair, Murtaza Hanif, and Shujaan Akhwand, Website Coordinator, represented Karachi Section, whereas, more than 60 people from various universities in Karachi Section participated in congress with largest participation from UIT, followed by BUIITEMS, Isra University, UoK,



Indus University, SSUET and IBA Sukkur. IEEE Karachi Section, keeping the legacy of helping its volunteers, provided partial travel and registration support. Dr. Parkash Lohana gave Keynote Session on recent SIGHT Project in IEEE Karachi Section. Engr.Sarang Shaikh, and Engr.Murtaza Hanif, gave training sessions on IEEE VOLT and IEEE vTools, respectively. Shaikh Muhammad Anas received Most Valuable Student Award across Pakistan. Engr.Saqib Munawwar received Best Student Chapter Advisor Award and Mudassir Akber Khan, Chair SSUET, received Student Branch Leadership Award.

ICICT Conference MOU

Rawash Asif

Newsletter Coordinator, IEEE Karachi Section- Student Activities Committee

ICICT is a biannual event and is entering its second decade of disseminating quality research in the disciplines of information and communication technologies. Papers are invited each time in the areas of artificial intelligence, robotics, social computing, wireless sensor networks, e-learning, computational science and other emerging topics. This year's conference theme was Innovative, Smart and Social technologies.

This year IBA is organizing 7th ICICT with the collaboration of IEEE KHI. For this MOU Ceremony was organized at Habib University 2nd June 2017.



Participants of IBA: Dr Shakeel Khoja, Dr. Imran Rauf, Dr. Imran Khan and Mr. Waseem Arain. Participants of IEEE Karachi Section: Dr. B.S Chowdhry (Chair IEEE Karachi Section), Dr. Shahid Shaikh (Vice Chair Karachi Section), Dr. Sadiq Khan (Chair IEEE Computer Society Karachi Section, Dr. Perkash Lohana (Chair IEEE SIGHT Karachi Section), Dr. Muhammad Ali (Chair IEEE PES Karachi Section) and Shaikh Muhammad Anas (SSR Karachi Section).

IEEE Region Ten Conference (TENCON 2017)

Zuhaina Zakaria

IEEE R10 EA Coordinator, Universiti Teknologi MARA

IEEE Malaysia Section has successfully organized TENCON 2017 which was held in The Webley, Penang, from 5th - 8th November 2017. It was attended by a total of 600 participants including keynote and invited speakers.

With the theme "Bridging the Gap", the conference was packed with exciting programs such as IEEE TISP workshop, IEEE SIGHT Train the Trainer Workshop, IEEE HAC track, Student Meet-up Luncheon, Industry Forum, IEEE WIE Forum and IEEE YP Forum.



R10 Director, Kukjin Chun delivered an opening remark which briefly introduced Region 10 to the participants. In addition, there were four keynote speeches from the IEEE President, Karen Bartleson, Professor Chuah Hein Teik (IEEE Fellow), Vincenzo Piuri (IEEE Fellow) and Tan Eng Tong from Silterra Malaysia.

During the conference, a total of 578 papers were presented by participants from 19 countries which includes Asia Pacific and also Italy, Canada and USA.

6. STUDENT ACTIVITIES

AAVISHKAAR: Technical Fest of IEEE RIT-B

Rajni K. Sah

Student Branch Treasurer, VTU Affiliated

Aavishkaar, the Flagship event of IEEE RIT-B, is one of the technical fests conducted every year at Ramaiah Institute of Technology, Bengaluru. This year Aavishkaar was held on 24th-25th March, 2017. Several technical events encompassing different fields of engineering were conducted, where over 700 students participated in 13 events.

The objective of Aavishkaar is to bring together the Students from different branches of Engineering to celebrate two-days of Technical Empowerment. Moto of IEEE RIT-B: "Be Technically Empowered". All the events conducted as a part of Aavishkaar is to upskill students and provide them a platform to showcase their innovation, creation and leadership skills.



Aavishkaar gave a lot of exposure to everyone. Events like Hackatronics, Open sourcing, Line following robot made students realise their strengths in these domains. Second day was marked by Tech Debate, Coding, Debugging and Password, which also got amazing responses. We had few of our alumni addressing the students, who motivated them to actively participate in events which help them grow academically and personally.

Workshop on Internet of Things (IoT)

Noore Juned

Secretary, IEEE UIU Student Branch

The trainer was endorsed from IEEE UIU Student Branch and the host was IEEE Student Branch DU. The event was conducted by Mohammad Mamun Elahi, Assistant Professor, CSE, UIU. Around 30 participants from various universities attended the workshop where they got to know the rudimentaries of IoT in a practical approach. Mr. Mamun showed how IoT systems may be simulated and also provided brief insights on the hardware systems as well. At the end, Mr. Mamun was awarded a token of thanks on behalf of IEEE SBDU by Dr. Md Atiqur Rahman Ahad, Associate Professor, EEE, DU.



Workshop on Basic Arduino

Noore Juned

Student Branch Secretary, IEEE UIU Student Branch

IEEE BDS SAC team initiated a new program named Anticlockwise Program where IEEE UIU Student Branch was the host and IEEE UAP Student Branch was the facilitator for a workshop on Basic Arduino. The Anticlockwise is a new collaborative platform where student members across different branches interact and learn from each other through executing a series of inter-branch training sessions on relevant technical topics of their choice, and the Anticlockwise is a creation of IEEE Bangladesh Section Students Activities Committee (SAC). The workshop took place on 13th October inside UIU premises and lasted for two hours, starting from 10 am sharp. The instructor then took over and started the proceedings for the day, starting with his PowerPoint presentation where the basics of Microcontroller were illustrated clearly for the participants, which were crucial in learning the basics of Arduino.



Workshop on IEEEXtreme11.0

Noore Juned

Student Branch Secretary, IEEE UIU Student Branch

This workshop was designed in order to motivate the students to participate in one of IEEE's largest programming contests, IEEEXtreme. IEEEXtreme is one of IEEE's biggest and grandest programming competitions, where participants from all around the world participate in a 24-hour span contest where they are provided with online programming problems. The prize money for this competition is US\$10,000 with a lot more fascinating gifts and awards for the top 10 teams and all the participants.

However, in this workshop, the students who participated in this event were given an introduction to IEEEXtreme (What is IEEEXtreme, Rules & Competition Structure), how to prepare themselves for the competition and the necessary programming language they need to know in order to take part in IEEEXtreme.



Basic Robotics Workshop at BAIUST, First Outreach Program of IEEE NSU SB RAS Student Chapter

MD. Tanzil Shahria

Secretary, Robotics and Automation Society, IEEE NSU Student Branch Chapter

Bangladesh Army International University of Science and Technology (BAIUST) has arranged a workshop named “Basic Robotics Workshop” for the student of CSE and EEE department. BAIUST proposed IEEE NSU SB RAS Student Chapter to be the guest and take the workshop.



IEEE NSU SB RAS Student Chapter sent five members to BAIUST to represent the IEEE NSU SB RAS SC and as instructor to take the workshop. All the five members are highly expert on Robotics.

A lot of students registered for this event because almost no one wanted to miss the opportunity to learn about Robotics. More than 250 students were registered for this Workshop but they had to select only 30 students. There was also present the Assistant Professor and Head, Department of EEE, Mrs. Umma Hany to give the Workshop certificate to the participants. She also presented Crest and Gifts to all the instructors.

INDEPENDENCE DAY AMONG ALL SOCIETIES OF MUET CAMPUS

Shoaib Dayo

Pakistan Branch Chair, IEEE Karachi Section Sindh

IEEE STB15711 Mehran University of Engineering & Technology, Shaheed Z-A Bhutto Campus Khairpur Mir's Sindh, Pakistan Student Branch had organised the Independence Day among all societies of Mehran University. The Mehran University Civil Engineering Society Khairpur (MUCES-K), Society of Petroleum Engineers (SPE) & American Society Of Mechanical Engineers (ASME) had contributed so much on the occasion of Independence Day. Independence Day among all societies in Campus



had celebrated first time in the history of MUET Campus Khairpur. The main moto of celebrated the Independence Day among all societies were to show the unity among societies. On the occasion of Independence Day Pro Vice Chancellor Prof. Dr. Mukhtiar Ali Unar had talked about the Independence Day of Pakistan & the huge efforts of IEEE Branch Chairman Shoaib Ahmed, Dayo. Furthermore, the Pro Vice Chancellor said that these kinds of activities should be celebrated in Universities. The event was concluded by cutting the cake of independence Day.

An interactive session by admin of Scholarship Network guiding students

Bisma Naushad

Chapter Chairperson, IEEE PES NEDUET

IEEE PES NEDUET Chapter organized the seminar in collaboration with Muhammad Nabeel, Representative of Scholarship Network; the Largest Network on Facebook, for Pakistani students who wish to pursue an international experience.

The guest speaker fulfilled the aim of event by comprehensively guiding undergraduates about various scholarship opportunities and a competent way to successfully claim them. He played vital role in making the audiences perceive worth of exchange programs and postgraduate opportunities.



Moreover, he primarily focused the students to understand their vision and prepare beforehand with required documents, standardized tests and an impressive Statement of Purpose. He elaborated means of contacting supervisors in internationally acclaimed universities to exhibit their skills and encouraged students to bring forth innovational ideas to be showcased through projects and published research papers.

The personal experiences of Mr.Nabeel proved the seminar to have displayed power and need of sharing ideas with multiple nationalities on a single table.

Annual Project Exhibition as a part of IEEE NITK Student Branch

Samarth Bonthala

Executive Member, NITK IEEE Student Branch

NITK IEEE is a student branch affiliated with IEEE Bangalore Section. The student members of this branch actively involve themselves in year-long technical projects in various emerging fields which include Network Security, Machine Learning and Artificial Intelligence (CompSoc SIG), Digital System Design and Embedded Systems, Digital Signal Processing (CAS/SPS SIG).



Feasible projects are analyzed through brainstorming sessions and taken up in the month of August and the results are displayed in the Project Exhibition/Expo in the month of April in the coming year. The year 2017 witnessed a large turnout of viewers for the Project Expo. Few projects displayed during the expo this year were Daedulus: A Complete Attack Suite for RSA Cryptosystem, Data Analysis of Traffic Accident Prone Zones, Single Input Single Output Li-Fi Network, an automatic cycle key vending machine for the startup Wheels on Roll and many more. There was a total of 22 projects that were displayed.

Networking and Server Scripting

Divya N Sahetya

WIE Student Coordinator, STB28991

Any device is a part of network. A network operates by connecting computers and peripherals using switches, routers, and access points.

A workshop on the basics of networking to actual real time working of the network using the Cisco Packet tracer was held at IEEE-SJCE. Right from building a simple network to real time server- side scripting the participants were taught various concepts like building their own Apache server, local host, IP Addressing and also the use of packet tracer.



The workshop was held for four days from 27th October 2017 to 30th October 2017 as part of TUXEDO, our Odd sem fest. Apart from this workshop there were many more events held during the fest and some of them are Brain Chase-online treasure hunt, Cognitio-technical quiz, open debate and ADA sessions.

Second Student Conference on Science and Engineering

Tamara Ena

Dhaka Newsletter Editor, IEEE Student Branch University

2nd Student Conference on Science and Engineering was successfully co-organized by IEEE Student Branch, University of Dhaka, alongside Dhaka University Science Society-DUSS on February 3, 2017.

The event sponsored by CNSER and TechShopBD was inaugurated by Dr. A A M S Arefin Siddique, Honorable Vice Chancellor of the University of Dhaka amidst the presence of distinguished personalities of academia. Young researchers and enthusiasts from about 20 universities attended the program. The conference witnessed over 45+ insightful papers and perceived innovative ideas from dynamic young researchers.

Keynote speeches in the conference included talks from Dr. Md. Kaykobad (Dean, Faculty of EEE, BUET), Dr. K. Siddique Rabbani (Honorary Professor and Founder, Dept. of Biomedical Physics, DU), Dr. Syoji Kobashi (Associate Professor, University of Hyogo) and Dr. A A Mamun (Professor, Dept. of Physics, JU). The proliferate event concluded with awarding ceremony recognizing the best ideas and best papers presented in the conference.



Seminar on Optoelectronics of Silicon Solar Cells and Modules

TAMARA ENA

Dhaka Newsletter Editor, IEEE Student Branch University

IEEE Student Branch DU in association with Department of Electrical & Electronic Engineering, University of Dhaka & IEEE WIE Affinity Group Student Branch DU, organized a seminar on Optoelectronics of Silicon Solar Cells and Modules conducted by Dr. Brij Mohan Arora, Professor, IIT Bombay. Dr. Arora's seminar was attended by a whopping 140 enthusiasts including faculties from various public and private universities and professionals from government research establishments.



Dr. Arora discussed recent trends, ongoing researches and the future of solar cells while demonstrating the most modern solar cells specimens. A Q/A session followed allowing participants to engage in many to one discussion with the speaker. The event concluded presenting the speaker with a token of gratitude on behalf of IEEE SBDU, IEEE WIE AG SB DU and EEE, DU, by Dr. Zahid Hasan Mahmood (Professor, EEE, DU), Dr. Jalalur Rahman (Ex-Professor, EEE, DU) and Dr. Khondokar Siddique Rabbani (Professor, BMPT, DU).

Revival ceremony of IEEE Bahria University Branch

Shaikh Anas

IEEE Karachi Section SAC Section Student Representative

The SSR IEEE Karachi Section, Mr. Shaikh Muhammad Anas was invited to the revival ceremony of the IEEE Bahria University Branch. The IEEE Karachi Section ExCom member, Mr. Prakash Lohana was also an esteemed guest at the event.

Mr. Prakash Lohana highlighted the importance of volunteering and why it is imperative that a student branch volunteers. He also elucidated their project at a remote village on the outskirts of the urban population of Sindh, Revi-ji- Dhani. The project titled IEEE SIGHT was an initiative to at least install basic electrical facilities in the homes of the remote village. This gave the students a new sense of motivation to work for the betterment of their country.

The SSR, Sheikh Muhammad Anas inculcated the benefits of IEEE and how students and professionals both can claim these benefits. He also enunciated as to why join IEEE and how it is unique from other societies.



IEEE Karachi Section SAC visit to MUET SZAB, Khairpur Student Branch

Shaikh Anas

Section Student Representative, IEEE Karachi Section SAC

The IEEE Karachi Section's SSR Shaikh Muhammad Anas and Project Lead of SAC Team, Hesham Ali visited Mehran University of Engineering and Technology, SZAB Campus in Hyderabad, Sindh, as an invited guest. The current SSR gave keynote session on the opportunities and upcoming global activities in which volunteers can easily participate. The activities include, IEEE Xplore and IEEE Day 2017. It was on this occasion that both the volunteers and SAC team exchanged their reviews regarding IEEE Karachi Section and how can they reach new heights.



IEEE Day Celebrations at SSUET Karachi

Shaikh Anas

Section Student Representative, IEEE Karachi Section

On account of celebration of 8th edition of IEEE Day, the Sir Syed University of Engineering and Technology's IEEE branch organized a session in which promotional activities were held across the campus. The Section Student Representative of Karachi Section, Shaikh Muhammad Anas, was invited as a guest speaker.

During his speech, he mentioned the benefits of being member of IEEE, including the opportunities of networking and personal development, and how we can expand the horizon of volunteering through IEEE. Chair of IEEE Karachi Section; Dr. Bhawani Shankar Chowdhry also joined through WebEx who was delighted to see the enthusiasm of young students who are motivated to serve IEEE. He gave keynote session on the opportunities and upcoming global activities in which volunteers can easily participate.

Cake cutting ceremony was also held in which all the members of IEEE SSUET Student Branch, PES, CS and EMBS participated.



IEEE Karachi Section SAC visit to Habib University

Shaikh Anas

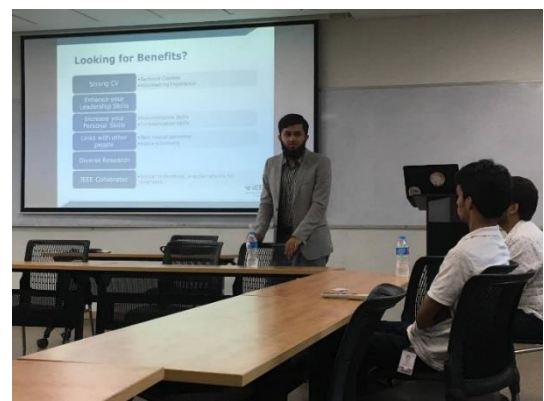
Section Student Representative, IEEE Karachi Section

Mr. Shaikh Muhammad Anas (SSR IEEE Karachi Section) and Mr. Hesham Ali (Project Coordinator IEEE Karachi Section) were invited to Habib University for a counselling session of IEEE on account of formation of Executive Committee IEEE Student Branch Habib University.

Mr. Anas discussed about the benefits and opportunities for the young volunteers in volunteering and networking with IEEE and how they can stand out through IEEE.

Following him, Mr. Hesham also briefed on why one should join IEEE and its importance in personal development. He also mentioned about various projects by IEEE SIGHT Karachi Section and how one can serve their community through volunteering.

All the attendees were motivated and enthusiastic for upcoming challenges in growing the IEEE spectrum.



Techloop

Sanskriti Rastogi
IEEE MADRAS

IEEE VIT University Student Branch has been hosting 'Techloop' a series of one to two-hour workshops on various technical topics to kick start interests and make learning more accessible to engineering students from the university. Thus, sessions have always served as introductory sessions in topics across the spectrum of electronics engineering and computer science. Some of the most popular Techloop sessions have been on Cyber Security, Artificial Intelligence, Drones and Quadcopters and Game Development. These sessions were conducted by senior members of the student branch to promote a sense of community learning and knowledge sharing.



Techloop+ catered to Android, Electronics, Design, Machine Learning and Competitive Coding. These sessions were taken once a week in each field by senior members and the sessions served to guide student by taking them from novices to experienced students through a combination of workshops and projects.

Seminar on “How to Conduct a Complete Research Work-A Guideline for The Beginner”

Sujit Roy
Chair, IEEE DUET Student Branch

On July 23, a seminar on “How to Conduct a Complete Research Work-A Guideline for The Beginner” was successfully organized by IEEE DUET Student Branch (Bangladesh). Honorable Head, IPE, and Registrar (Additional Charge), DUET, Prof Dr. Mohammad Asaduzzaman Chowdhury conducted the seminar.



The Keynote session was covered with many topics. Few of them are given below: History of the great researchers, importance of doing research, Methods of conducting research as a beginner, Examples of generating ideas, Selection of research topic, Way of reading a journal/conference paper, reviewing papers and importance of writing a review paper, Publishing a paper to a highly ranked journal, Essential contents of a research paper, Plagiarism, Citation, Scopes of research on renewable energy, etc.

Around 130 participants from different departments joined to this seminar and their impassioned questioning and answering made the seminar a successful one.

7. SECTION ACTIVITIES

IEEE Karachi Section SAC visit to IBA Sukkur Student Branch

Shaikh Anas

Section Student Representative, IEEE Karachi Section SAC

The IEEE Karachi Section's SSR Shaikh Muhammad Anas and Project Lead of SAC Team, Hesham Ali visited Sukkur Institute of Business Administration (IBA) in Sukkur, Sindh, as an invited guest to speak about the recent activities taking place in IEEE and also for a live interaction and mentoring session for young volunteers.

With IEEE Xtreme and IEEE Day 2017 on the plan, he also mentioned about activities in IEEE Karachi Section SIGHT

and KSYWC 2017 which filled the volunteers with enthusiasm and motivation. The overall tour of SAC Team was fruitful which will hopefully result in active participation by volunteers.



Student Branch Chairs Meetup

Shaikh Anas

Section Student Representative, IEEE Karachi Section SAC

IEEE Karachi Section SAC organized a meet-up at Habib University for the ever-growing IEEE student branches to assist them further along the path of success. The meet-up was attended by over 20 members of the IEEE Karachi Section including chairs of various IEEE student branches.

Shujaan Akhwand, the Webmaster of Karachi Section

SAC gave a short briefing on Karachi Section's website which launches soon.



Leadership goals, future events and growth of the IEEE community came under discussion. Student branch chairs were ensured maximum support from the IEEE Karachi Section SAC in helping them achieve their respective goals.

Inauguration of IEEE SZABIST Hyderabad Branch

Shaikh Anas

Section Student Representative, IEEE Karachi Section SAC

Shaheed Zulfiqar Ali Bhutto Institute of Science and Technology Hyderabad campus, in its endeavor to inaugurate IEEE SZABIST Hyderabad Branch, invited the Executive Committee members of IEEE Karachi Section to their inaugural.

The event was attended by Chairperson IEEE Karachi Section Dr. Bawani Shankar Chowdhry, Section Student Representative Sheikh Muhammad Anas and Atif Fareed, the Membership Development Officer.



The opening speech was delivered by Dr. B.S. Chowdhry where he motivated and congratulated the individuals behind the inaugural of a new branch of IEEE. The SSR followed up this speech by enlightening the students and professionals present there with the benefits that IEEE has to offer and how students and professionals both can claim those benefits. Lastly, the Branch Counselor, Mr. Ahsan Memon concluded the session.

A cake cutting ceremony marked the official inauguration of the branch and the conclusion of the ceremony.

IEEE Islamabad Industrial Biennale 2017

Rabia Khalid

Vice Chairperson, WIE PIEAS AG

This year IEEE PIEAS SB was honored with the hosting of IEEE Islamabad Industrial Biennale'17 (IIIB'17), as endorsed by the Islamabad Section Committee. Designed to bridge the gap between industries and academia, IIIB'17 was held on 7th May, 2017 as part of the PIEAS National Olympiad. Comprising of a panel discussion, seminars and presentations, IIIB'17 was first of its kind. Representatives from industries introduced and promoted their

motives with competent and qualified academia, who in turn put forward the issues they face in grooming and training the student body. From increasing number of internships demanded by academia to practically using book knowledge demanded by industries, IIIB'17 initiated an interaction chain with the incentive of engineering advancement. A seminar on 3D printing and its applications by MEDEngg was an interesting highlight of the event. IIIB'17 also helped the students present their projects, get it remarked and become aware of the industrial demands.



“Entrepreneurship Boot-camp”-Supported by IEEE Region 10 & IEEE BDS SAC

Sujit Roy

Chair, IEEE DUET Student Branch

On September 20, 2017, IEEE DUET Student Branch (Bangladesh) in association with IEEE Region 10 & IEEE BDS SAC organized an outstanding event named as “Entrepreneurship Boot-camp” at DUET Campus.

The event was conducted by Engr. Pulak Kanti Barua, Managing Director at GRIHAYAN LTD. and Engr. Minhaz Khan, Guest Faculty, IBA, University of Dhaka.



Few of their covered topics are given below:

Introduction to Startups, Reasons behind failure of startups and getting success, Examples of Bangladeshi Startups and their business techniques, Market Research, Market Analysis, Fail fast model of business, Networking, Money management, Selling techniques, Religiosity, Ethics for life, Ethics for business, etc.

Several cases were studied also. Those are-

- Why BRAC Bank’s mobile banking service “bKash” succeeded faster than the DBBL’s mobile banking service “Rocket”?
- Why Facebook got much popularity than the Google+ option of Google?
- Why Search Engine Yahoo failed but Google’s search engine got much popularity?
- etc.

IEEE Tokyo Section “Career Day -Envision Our Future”

Mayumi SUZUKI

YP Chair, Tokyo Section

IEEE Tokyo Section “Career Day - Envision Our Future-” was held at Waseda University on December 2, 2017. This event was organized by IEEE Tokyo Section and co-organized by Tokyo YP, Japan Council WIE and Student Branches of Tokyo, supported by IEEE USA SPAX and IEEE R10 Industry Relations Committee. The total number of participants is 46 (including 33 IEEE members).

Morning session: IEEE SPAX-Japan:” Career Dojo-What is your true future?”



Three panelists from startup company, industry, and academia discussed about career development and participants thought about following topics together. “What kind of Career paths are there?”. “What kind of person do you want to be?”

Afternoon session: Industrial/Entrepreneurial Workshop “Envisage your future”

The participants envisioned own future careers by discussing with researchers, engineers and entrepreneurs. Through the discussion, students and young engineers/researchers were encouraged development for their future career.

IEEE TOWERS

Yuka Kawashima

SB member, Tokyo University of Science

IEEE Transdisciplinary-Oriented Workshop for Emerging Researchers (TOWERS) is workshop for young researchers, especially for graduate and undergraduate students. The IEEE TOWERS is governed by TOWERS executive committee, all of whose members are currently students. Every year, the executive committee members deal with the entire process for the workshop such as getting sponsorships, planning the programs, etc.

Since 2004, we have been organizing the workshop to develop human networks among young researchers from various fields including electrical and electronic engineering, information science, physics, biological science and cultural anthropology. By such human networks, the participants can meet friends or rivals and get along with them. To encourage academic activities of young researchers, we award prizes to outstanding presenters.

This year, the 14th IEEE TOWERS was held in November at Tokyo and had 141 participants, including 71 presenters. And the IEEE TOWERS is now one of important annual events for IEEE Tokyo section.



IEEE Japan SYWL Workshop in Nagoya, 2017

Mayumi SUZUKI
Chair, YP Tokyo

IEEE Japan SYWL Workshop in Nagoya, 2017 was organized by IEEE Tokyo / Nagoya / Kansai YP, Japan Council WIE / SAC and Keio Student Branch at Chukyo University, Aichi, Japan on October 8. 69 IEEE members and three non-IEEE members gathered from all over Japan.

Participants divided into 11 discussion groups. Each group had about six people of variety ages from each regional area; students, engineers from industry and researchers from academia. The discussion topics were “My Career and Family’ year Life”, “How to Enjoy IEEE Activities” and so on. We discussed and shared information from various viewpoints. This workshop was a great opportunity to understand diverse ideas and gathering almost all SYWL representatives in Japan.

In addition, Japan SYWL members celebrated IEEE Day 2017. Almost of all participants enjoyed celebration party and IEEE Day photo booth and made great memories.



Seminar on ‘Radio Network Planning and Management’ hosted by IEEE AUST Student Branch

Khawja Zaid Sikander
Secretary, IEEE AUST Student Branch

On November 18, 2017, IEEE AUST Student Branch organized an interactive session on ‘Radio Network Planning and Management’ at the seminar room of Ahsanullah University of Science and Technology.

The technical session was conducted by the management team of Radio Planning, Grameenphone Ltd. including the experts of different fields. The primary objective of this seminar was to help the students of the electrical and electronics engineering discipline to understand the Radio Access network, Basics of Network design & Capacity Management; hence would open up their curiosity and enthusiasm in communication engineering field.

The Presentation sessions covered several interesting topics on the field of communication like Jammers, IoT, Capacity management in 2G and 3G, Site Planning and career development in the respective sectors and so on.

The sessions started at around 3:00 PM and finally concluded at around 6:00 PM. Towards the end, an interactive Q&A session was held.



8. YOUNG PROFESSIONALS ACTIVITIES

"How to be a pro in the Industry" by IEEE YP Sri Lanka

Chandana Munasinghe

Industrial Coordinator, IEEE Young Professionals Sri Lanka

IEEE Tech Talks is introduced to the IEEE Young Professionals Sri Lanka Calendar with the aim of enhancing the knowledge of Young Professionals by delivering technical and non-technical talks with prominent persons in the society. The session "How to be a pro in the Industry" held on 24th October 2017 at Informatics Institute of Technology to widen and strength the knowledge and attitudes to be a pro in the industry.

Mr. Kosala Jayasundara shared expertise views on how to build carriers by highlighting key factors, and threats required for a sustainable growth in the industry. Mr. Dhanika Perera later shared his expertise advises on how to be an entrepreneur to win the world by tips to as an entrepreneur. During the panel discussion, participants were able to raise their questions from the panel.

IEEE YP SL Team was motivated by the feedback received at the successful completion of the event.



9. WOMEN IN ENGINEERING ACTIVITIES

IEEE Kansai WIE Symposium 2017

Shoko Araki

WIE AG Chair, Kansai Section

IEEE Kansai WIE Symposium 2017 –Enjoy Science, Technology and Your Life! – was held at UMEDA campus of Osaka Institute of Technology on October 7, 2017. Kansai Section WIE AG organized the symposium with cooperation of Kansai Section YP AG. The number of participants was 42.



First, three role model talks by women engineers (Prof. Takako Hashimoto from Chiba University of Commerce., Ms. Ikuyo Matsuo from ATOUN Inc., and Ms. Yuko Muto from Microsoft Development Co., Ltd.) were given. We then had a group talk session where all the participants were divided into eight groups, and exchanged opinions on the subtitle of this symposium. Participants enjoyed the symposium to get images of careers and make a WIE network.

Sustainable Health Empowerment Program by IEEE RIT WIE Affinity Group

Rajni K. Sah

Student Branch Treasurer, Ramaiah Institute of Technology

On 13th September 2017, IEEE RIT WIE Affinity Group organized Sustainable Health Empowerment (SHE) program, at Ramaiah Institute of Technology, Bengaluru in association with Green the Red campaign. The objective of the SHE program was to reach out to young ladies and educate them about Healthy Hygiene practices. Over 300 female students and faculties of RIT, Bengaluru were part of the SHE program.



The speakers for the event were Mrs. Sindhu Naik, Dr. Meenakshi Bharath, Dr. Thavamani, Ms. Smita Kulkarni and Mrs. Shantha Natarjan, from Green the Red campaign. They discussed on the topic "The Healthy Hygiene Period", where they had an interactive session with the students on sustainable menstrual practices and the health hazards of the existing practices.

The speakers answered the queries of the students and shared their experiences. A group photo followed by the lunch organized by IEEE RIT WIE marked the end of the enlightening session.

WIE 2017 - Future Technology developed by Women Engineers

Emi YANO

Japan Council WIE Chair, Ricoh IT Solutions

Japan Council WIE organized the WIE 2017 conference "Future Technology developed by Women Engineers" on 21st October 2017 at Keio University, Yokohama, Japan. The total number of participants was around 70 including 20 IEEE members.

The conference started with an amazing Keynote speech. Ms. Rieko Yamamoto from Fujitsu, spoke about her experiences developing her career. She sent the message "Daijobu" (You are OK) to the audience and showed the importance of managing yourself with the belief. In addition, four female engineers and researchers gave talks about the latest innovations and shared their career developments.



At the table talk session, participants of various ages, from students to working professionals, exchanged their opinions on various issues regarding their professional and experiences in different areas.

Through this event, we could build networks of women engineers, researchers and students, and to discuss technologies that women cultivate to the world.

10. HUMANITARIAN ACTIVITIES

Drug Awareness Campaign and Tree Plantation Program by IEEE SAKEC

Jeet Dagha

Chair, IEEE Shah & Anchor Kutchhi Engineering College (SAKEC)

IEEE SAKEC in association with Lion's Club of Bombay organized Drug Awareness Campaign and Tree Plantation Program on 8th September, 2017. The dignitaries for the event were Shri. Keshavjibhai Chhadva (Chairman, SAKEC), Shri. Navinbhai Shah (Managing Trustee), Dr. Bhavesh Patel (Principal, SAKEC), Dr. V.C. Kotak (Vice-Principal & Branch Counselor, IEEE SAKEC) Mrs. Saroj Sharma, Mr. M.S. Pillai, Mrs. Arundhati Sanyal,



Mr. Shivkumar Rao of Lion's Club and Mr. Nikhil Pandit of Loving Hands Foundation. Mr. Nikhil spoke about his vision of helping people facing drug abuse and explained the ill effects of drugs. The Tree Plantation program was an opportunity for students to give back to Mother Earth. Thirty saplings were planted in the ground nearby to the college. 126 IEEE members were a part of these events. Other events conducted by IEEE SAKEC throughout the year are Seminars cum Workshops on Big Data & Data Analytics, Calculator, Cloud Technologies, VFX, Latex; Diwali & IEEE Day Celebrations; Swachh Bharat Daud; LAN Gaming Tournament; Three Faculty Development Programs to name a few.

“GNANA PRADEEPA” – Workshop on Technical Skills Development

Vayani Saranga

Editor, IEEE WIE SB AG University of Peradeniya Sri Lanka

We believe that girls who were made aware about the opportunities in the field of engineering during their school life will develop a positive feel about the Engineering profession.

Hence a workshop on Technical Skills Development- “GNANA PRADEEPA” was held on this October, at Faculty of Engineering, University of Peradeniya, Sri Lanka to deliver hands on experience on electronics, circuit design and programing,

Ninety school girls participated and they were enlightened on IEEE WIE and the event. Then the participants were grouped for the projects (LCD, Light sensor, Distance meter, Knight rider circuit, Motor speed control) and were provided with equipment’s & guidance. They were instructed to complete the project within a time frame and present their outcome. At the end of the day students were able learn while enjoying.

With the received positive feedback, it is clear that they were inspired to think more about the field of Engineering.



Hackaholics 2.0

Oshani Weerakoon

Coordinator, IEEE WIE Student Branch Affinity Group of UCSC

Hackaholics 2.0, Girls Only Hackathon organized by IEEE WIE Student Branch Affinity Group of University of Colombo School of Computing (UCSC) successfully concluded on 28th October 2017 at university premises. The event was intended to uplift the problem-solving skills through creativity among female undergraduates of UCSC so as to combat issues prevailing in today’s society in Sri Lanka. The 12 teams, each consisted with three female u undergraduates were shortlisted through proposals and they competed with each other for a span of 8 hours building and polishing their amazing ideas. Two panels of judges evaluated the final prototypes of each team and selected the most impressive four ideas for the Finale. After final presentation round, the three teams who ranked top, were awarded with cash prizes and participants were awarded with certificates of appreciation.



11. GENERAL ARTICLES

IT in INDIA Oct-Dec 2017

By S Sathagopan

Director, IIT-B

General

- Government of India announces major economic reforms - bank recapitalisation, support to MSME and massive road projects on October 24, 2017
- India's ranking on "ease of doing business" goes up and India joins the "top 100" as per World Bank Report of October 31, 2017; Moody's upgrade India rank on November 16, 2017 (the first in 14 years)

Products

- **Google** launches **Pixel 2** phones, **Pixel Book** and **Google Home** on October 4, 2017
- **Apple iPhone X** went on sale on November 3, 2017

Markets

- India's stock indices **Sensex** (BSE) and **Nifty** (NSE) reach lifetime high values of 33,836 and 10,463 respectively on December 19, 2017; market capitalization of BSE listed companies touch ₹ 150 L Crores on December 25, 2017.
- Chip maker **Marvell Tech** to acquire **Cavium** for \$ 6 Billion on November 20, 2017.
- Chinese social media major **Tencent** has higher market capitalisation (\$ 500 Billion) than **Facebook** (\$ 474 Billion) on November 21, 2017!
- Co-working space pioneer **WeWork** buys start-up **MeetUp** on November 27, 2017
- Iowa-based Meredith Corporation acquires **Time** Magazine on November 26, 2017 for \$ 2.8 Billion.
- **Walt Disney** acquires 21st Century Fox for \$ 52 Billion in December 14, 2017

Science & Technology and Education & Research

- **Nobel Prize winners for 2017** announced; **Medicine** Nobel announced on October 2, 2017 goes to Jeffrey Hall (University of Maine, USA), Michael Rosbash (Brandeis University, USA) and Michael Young (Rockefeller University, USA); **Physics** Nobel announced on October 3, 2017 goes to Rainer Weiss (MIT, USA), Barry Barish and Kip Thorne (both of Caltech, USA); it had some interesting Indian connections too); **Chemistry** Nobel announced on October 4, 2017 goes to Jacques Dubochet (University of Lausanne, Switzerland), Joachim Frank (Columbia University, USA) and Richard Henderson (Cambridge, UK); **Literature** Nobel announced on October 5, 2017 goes to Japanese-born English author Kazuo Ishiguro; Nobel **Peace** Prize announced on October 6, 2017 goes to International Campaign to Abolish Nuclear weapons (ICAN); **Economics** Nobel announced on October 9, 2017 goes to Richard Thaler (University of Chicago, USA).
- **Infosys Science Prize** announced on November 14, 2017; **Engineering and Computer Science** Prize goes to **Sanghamitra Bandyopadhyay** of Indian Statistical Institute, **Humanities** Prize goes to Ananya Jahanara Kabir of King's College, London, Life Sciences Prize goes to Upinder Bhalla of NCBS, Mathematical Sciences goes to Ritabrata Munshi of TIFR/ISI, Physical Sciences Prize goes to Yamuna Krishnan of University of Chicago and Social Sciences Prize goes to Lawrence Liang of Ambedkar University, Delhi.
- India-born steel major **Lakshmi Mittal** donates \$ 25 Million to Harvard University to set up LM South Asia Institute on October 11, 2017
- **IIT Bombay** and **Indian Institute of Science, Bangalore** top **QS World University Rankings 2018** released in October 2017.

- Parliament passes **IIM (Indian Institutes of Management) Bill** giving greater autonomy and degree granting authority to the Institutes on December 20, 2017; Presidential signs it into a Law on December 31, 2017.
- Government announces the setting up of **National Testing Agency** on Nov 12, 2017

Indian IT Companies

- **Wipro** acquires NY-based leader in UX design **Cooper** in October 2017
- **TCS** starts Olympus Centre that can accommodate 30,000 people in Mumbai on November 8, 2017.
- **Mahindra** start Detroit plant on November 20, 2017.
- **24[7].ai** announces its decision to hire 3,000 Internet-based customer experience professionals in November 2017
- **TCS** wins \$ 2.5 Billion Nielsen deal in December 2017

MNC in India

- Co-working spaces pioneer **WeWork** starts India operations in Bangalore in October 2017
- **Goldman Sachs** increases hiring in India in October 2017
- **Standard Chartered** global centre in Bangalore commissioned in October 11, 2017
- **ThoughtWorks** starts 300-seat second Office in Bangalore in October 2017
- **Amazon** leases 450,000 sq. ft. space in Chennai in October 2017; invests ₹2,900 Cr more in India in November 2017; **AWS** chosen to offer public cloud services for government customers in December 2017.
- **Google** launches cloud services out of India with local currency payments on November 1, 2017; starts **Google Go** - 2-wheeler option to Google Maps in India
- **WalMart** opens its first India “dark stores” in Bhiwandi near Mumbai to serve Kirana Stores on November 1, 2017
- **Uber** starts 2nd Engineering Center at Hyderabad in November 2017
- **IBM India** revenue crosses \$ 5 Billion in 2017
- **Delta Electronics** of Taiwan announces its decision to invest \$ 200 Million in Bangalore in December 2017

Telecom

- **Airtel** launches low cost 4G phone on Oct 11, 2017 at ₹ 1,500 price point; Airtel to merge Tata Tele-services in a cash-free, debt-free deal signed on October 12, 2017.
- **RCom** to exit 2G business.
- **BharatNet** phase 2 with ₹ 34,000 Crores funding goes on stream on November 13, 2017.
- CBI Court acquits all accused in the 2G scam involving illegal telecom license allotment on December 20, 2017 and causes a flutter

People

- **Soumya Swaminathan** appointed **Director General of WHO** (World Health Organization) on October 4, 2017
- Microsoft CEO **Satya Nadella** visits India in November 2017 and launches his book **Hit Refresh**
- Infosys co-founder **Nandan Nilekani** and his wife **Rohini** join “**I give pledge**” by donating 50% of their worth to charity in the presence of Bill Gates in Bangalore in November 2017
- **Global Start-up Summit** saw US President’s daughter **Ivanka Trump** visit Hyderabad in November 2017

- **Infosys** appoints Capgemini veteran **Salil Parekh as CEO** on December 2, 2017; Salil takes over on January 2, 2018

Start-up scene

- Chinese social media giant **Tencent** puts \$ 1 Billion in Ola in October 2017
- **Flipkart** to invest \$ 500 Million in mobile wallet **PhonePe** in Oct 2017
- **HealthifyMe** starts rolling out it's AI nutritionist **Ria** in October 2017
- Bangalore-based niche embedded systems company **Mistral** acquired by **AxisCADES** for Rs 175 Crores on November 5, 2017
- **PayTM** Payment Bank formally launched by PM on November 28, 2017
- **PayTM** and **ICICI Bank** launch "buy now pay later" instant credit for 45 days for up to ₹ 3,000 in November 2017
- **Cisco** CEO John Chambers invests in IIT Madras incubated Uniphore Software systems (specializing in Indian language based speech processing solutions) on December 1, 2017
- **Ola** acquires **FoodPanda** on December 19, 2017

Interesting numbers

- **Flipkart** touches 100 million downloads of its App in October 2017
- **Flipkart** and Amazon India cross 100 million downloads on November 1, 2017
- **Apple** market capitalisation touches \$ 900 Billion on November 2, 2017
- **Alibaba** sales cross \$ 25 Billion in a single day on November 11, 2017
- Indian airline passengers crossed 100 Million in January - November 2017; making India the third largest globally after USA (719 Million) and China (436 Million)



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