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Chairman's Message

It is my honor and privilege to serve as Chairman, IEEE Uttar Pradesh Section for year 2018. I would like to express my apperception and gratitude to past Chairman Prof. J. Ramkumar for bringing UP Section to new heights and provide good visibility among sections of Indian Council. Currently UP Section is providing technical sponsorship to good number of conferences while maintaining the standard and quality of the conference. Recently UP Section organised flagship event of India Council like AISYW Congress, held at IIIT Allahabad, and INDICON-2017 held at IIT Roorkee. We have initiated special drive to involve industries participants in Section activities and events. For this several members from industries have been invited in last UP Section ExCom meeting held in Noida in May 2018 to know their view about section and how can they contribute / bring the Section to new level. Currently UP Section is doing great work to bring Academician, Scientists, Engineers, Professionals, and Industries on one platform and trying to work for society and humanity. I would like to thanks all my office bearers/conveners/members who helped IEEE UP section achieving these heights. Without their support, I am sure, we would have not reached this place.

IEEE Elect Chair's Message

It is matter of great pleasure to know IEEE UP Section is publishing its next issue of IUSN E-Newsletter. Its earlier issues were very informative. IEEE UP section has entered in its 25th year after formation from the sub-section of Delhi section. It has set many milestones such as visiting of R10 directors, organizing R10-HTC first time an R10 event, selection of a member in R10 ExCom and IC chairman, etc. As now new office barriers and executive committee members have taken charge,



S.N. Singh,
Vice
Chancellor,
MMMTU,
Gorakhpur

I welcome the new team to increase the vibrancy of the section. I congratulate the volunteers, chairs, and office bearers who have given their time, energy, and expertise in maintaining one of the most dynamic and vibrant section of IEEE Region 10. I wish IEEE UP section should grow in future too.



Kumar Vaibhav Srivastava
Associate Professor
Department of E.E.
I.I.T. KANPUR

Latest.....

- International Conference On Computing, Power and Communication Technologies 2018 (GUCON 2018), Galgotias University, Gr Noida, September 28-29, 2018
- International Conference on Computational and Automation Engineering (ICCAE2018) Amity University, Greater Noida, October 3-5, 2018.
- International Conference on Advances in Computing, Communication Control and Networking (ICAC3N'18), CSE & IT Dept. GCET, Greater Noida, October 12-13, 2018



2018 5th International Conference on Signal Processing and Integrated Networks (SPIN 2018)



The Fifth International Conference on Signal Processing and Integrated Networks (SPIN 2018) was held on 22-23 February 2018 in the Amity University Campus, Noida Delhi NCR, India. This conference was technically co-sponsored by IEEE UP Section. Conference # 42206.

SPIN 2018 was aimed to bring together scientists, academicians and industrialists working in the field of Signal Processing and Integrated Networks to discuss new ideas and promote research work. The conference had a very high quality technical programme consisting of 182 contributory papers and 34 invited talks. Overall this conference had 31 technical sessions and all the sessions were very nicely managed by expert session chairs. The sessions were highly interactive and thoughtful.

There were technical sessions on Medical Image Processing, Signal Processing, Audio and Speech Signal Processing, Image Processing, Communication Engineering, Video Processing, Medical Signal Processing, Network & Security, VLSI, Wireless Sensor Networks, Adhoc Networks and Cognitive Radio, Power System Modelling and Control, Data Mining and Optimization, Microwave and Antenna, Cloud Computing and IoT, Pattern Recognition, Devices and Embedded Systems, Signal Processing and Pattern Recognition etc. The invited talks were delivered by researchers throughout the world from countries like UK, USA, Japan, Canada, Germany, Taiwan, Spain, Sweden, Hong Kong, Israel, Italy Egypt etc.

The invited speakers of this conference are listed below.

- Dr. Reinaldo A. Valenzuela,
- Prof. Edward A. Lee, Robert S. Pepper
- Prof. Ian White.
- Prof. Israel Koren
- Prof. Shahriar Mirabbasi,
- Prof. Brian Barsky
- Dr. Bruce Montgomery
- Prof. Dr. Michael Vorlander

- Prof. Hamid Vakilzadian
- Prof. Sousa E S
- Dr. Yatabe
- Prof. Hui-Huang Hsu
- Prof. Luis Rouco Rodríguez,
- Prof. Marjan Sirjani
- Dr. Ahmed Abdelgawad
- Prof. Chin-Tser Huang,
- Prof. M. Iftekharruddin Khan
- Dr. Teruaki Hayashi
- Prof. Andreas Savakis,
- Prof. Wai Ho Mow
- Prof. Boaz Rafaely
- Prof. Chuan-Yu Chang,
- Prof. Cesare Alippi
- Prof. Houssain Kettani
- Prof. Christian Langen
- Prof. Hamid Sharif
- Dr. Alec Yasinsac
- Prof. Christelle Scharff
- Prof. Chilukuri K. Mohan
- Prof. Wahied G. Ali Abdelaal
- Prof. Jia Di
- Dr. Roger

SPIN-2018 also attracted contributions across the world from countries like, USA, UK, Canada, China, Germany, Kazakhstan, Vietnam, Romania, Czech Republic, Slovakia, Hong Kong, Taiwan, Sweden, Spain, Singapore, Iran, Bangladesh, Israel, Italy, Japan etc.

SPIN-2018 had attracted contributory scientific papers from 25 states of the country out of 29 states which means that it has attracted the attention of the research community. Besides this SPIN 2018 has also attracted contributory papers from many premier Academic institutions of the country like, IIT – Kharagpur, IIT – Kanpur, IIT-Delhi, IIT-Roorkee, IIT Patna, IIT Guwahati, IIT Jodhpur, IIT (ISM) Dhanbad, IIT Hyderabad, IIT Gandhinagar, IIIT Jabalpur, IIIT Hyderabad, IIITDM Kancheepuram, IEST Shibpur, Many NITs like NIT Warangal, MNNIT Allahabad, MNIT Jaipur, MANIT Bhopal, NIT Kurukshetra, NIT Patna, NIT Hamirpur, NIT Raipur, NIT Rourkela, NIT Durgapur, NIT Silchar, JNU Delhi, Aligarh Muslim University, BITS Pilani, BITS Mesra, Thapar University, BITS Pilani Dubai Campus, NSIT Delhi, Jamia Hamdard University, Central University Tezpur, IGDTUW- Delhi, NSIT Delhi, Institute of Radio Physics Calcutta etc.

SPIN -2018 has attracted contributory papers from Research Centres like C-DAC Noida, ISRO, DRDO, TCS Research and Innovation etc.

The feedback from the participants, authors, session chairs, invited speakers were very nice and they all had appreciated the conference. The student participation was a marked feature in this conference which saw all the venues flooded with students. The conference was concluded with a small valedictory function on 23 February 2018. The conference organizers had organized a complementary trip to Agra for visit of the Taj Mahal and Agra Fort for all the invited speakers and delegates of this conference on 24 Feb 2018

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Invited speakers of SPIN-2018 with Conference Chair – Prof. M.K.Dutta and Prof. B.Shukla Vice Chancellor, Amity University

Chairs of IEEE UP Section

Sanyam V Juneja	1976-79
Gopal K Dubey	1992
Suresh C Srivastava	1994
Shyama P Das	2006-07
Yatindra Nath Singh	2009-10
Yatindra Nath Singh	2010-11
Ajai Jain	2011-12
Ajai Jain	2012-13
S. N. Singh	2013-14
S. N. Singh	2014-15
A. Biswas	2015-16
J. Ramkumar	2016-17
J. Ramkumar	2017-18
Kumar Vaibhav Srivastava	2018-19

International Women's Day 2018 celebration

Rajshree Institute of Management & Technology, Bareilly celebrated “**International Women's Day 2018**” on dated March 08, 2018. On this auspicious day, under the guidance of Academic Advisor, Ms. Tulika Agarwal, all the lady teachers, staff members and students came across on same field in order to form the shape of a Woman and hold their position for fifteen minutes. According to Vice Chairperson, Mrs. Monika Agarwal, it is a day when women are recognized for their achievements without regard to divisions, whether national, ethnic, linguistic, cultural, economic or political. International Women's Day first emerged from the activities of labour movements at the turn of the twentieth century in India and across Rural parts. The theme for International Women's Day 2018 was chosen as - 'Time is Now: Rural and urban activists transforming women's lives'. Rajshree Institute always sets a new global dimension for women in developed and developing institute alike. The growing international women's movement has helped make the commemoration a rallying point to build support for women's rights and participation in the political and economic arenas. Dr. Devraj Sharma, Director Administration appreciated the achievements of the students in the field of sports, education and other realm. This event was successfully concluded by Dr. Anil Kumar, Director Academics, Dr. Saket Agarwal, Dean Academics, Mr. Dushyant Maheshwari, Registrar, Dr. Mukesh Pal Gangwar. Dr. Swantra Gupta, Mr. Sanjay Singh, Mrs. Jyoti Agarwal, Mr. Ashish Agarwal, Dr. Suman Joshi, Dr. Rangoli Krishna, Dr. Ankit Agarwal, Ms. Shubhi Agarwal, Mrs. Richa Miglani, Ms. Jay Shree and Mr. Sachin Kumar Saxena and many others were also present during the entire session.



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RAJSHREE STUDENT CHAPTER (STB17781) U.P. organized One Day Workshop on “Innovative Trends of Civil Engineering”

This is matter of delight that a One Day Workshop on “Innovative Trends of Civil Engineering” organized on 12th February 2018 at 10:00 AM. The purpose of this workshop is to elaborate about multidimensional aspects such as Earth quack, Hydrology, recognizing constraints on energy. Considering different recent innovative sudden structural failures, disaster or terrorist attack which then damages a major water supply pipeline also add flooding to an already bad situation. Simulation models for structural, soil, water, air, environmental and human behavior will also be covered in this workshop. The demand for civil engineers in real field is still large scales now days and the civil and therefore in order to enhance research and innovation in the different areas this workshop is going to conduct.



RAJSHREE organized Guest Lecture at “Promotion of Academic Integrity and Prevention of Plagiarism” on Monday, January 08, 2018

Dr. Vinay Rishiwal, Assistant Professor, Computer Science and Information Technology, Department of CS&IT, IET, MJP Rohilkhand University, Bareilly, UP, India deliver the lecture. He illustrate that **Plagiarism** is the act of taking another person's writing, conversation, song, or even idea and passing it off as your own. This includes information from web pages, books, songs, television shows, email messages, interviews, articles, artworks or any other medium. During this event, Support of Managing Director Mr. Rohan Bansal was really appreciable and remarkable. While addressing the audience, Dean Academic Dr. Saket Agarwal encouraged for the marvelous efforts whereas Director Dr. Devraj Sharma also fascinated the participated. Students and faculty members learnt about the pros and cons of the use of Plagiarism. Local newspaper also published the news containing the event details.



RAJSHREE STUDENT CHAPTER U.P. Section organized Guest Lecture at “Big Data and Hadoop” on Saturday, February 17, 2018

Ms. Parul Mishra, Business Analytical Manager, Deloitte, Gurugram going to illustrate various dimensions of Big-Data and HADOOP. She suggested to stand out in the competition with mastery over Big-Data tools like SPARK, STORM, MongoDB & Cassandra. An idea about these was discussed in this Guest Lecture. She concluded that Tech- Companies are looking for experts, who can take care of niche organizational responsibilities. Today's demand is to learn specialized skills that will differentiate you instantly from other Job seekers with in depth coverage of various software languages. All the participants will learn from the IT Skills in order to become a specialist and recruited faster by the Companies and Start-Ups.

Maze Solver (Challenge Your Intelligence)

Robotics and Automation Society Chapter of IEEE Student Branch at Quantum School of Technology, Roorkee has organized Maze Solver (Challenge Your Intelligence) on 20th April 2018. This event was conducted by IEEE Student Branch with the mission of providing the endless opportunities to the budding engineers in order to hone their skills in the field of technology. The event was started by Ms. Saumya Pandey (Chair, W.I.E Affinity Group, IEEE Student Branch) with the welcome of all the participants and dignitaries for the event. She told that Maze Solver is an Artificial Intelligence based competition in which participants has made a simple bot equipped with surface sensing sensor, which will help the bot to find the path and solve the MAZE. The team whose bot will solve the maze efficiently and in lesser time will win. There were total 16 teams including 63 participants, participating in the event. Participants are required to make a bot not exceeding the dimensions of 16×16 cm. since the maze was composed of 20×20 cm. unit square. The various other rules of the event were explained by Mr. Kaushik Karan (Chair, IEEE Student Branch) to the participants. Every team has used their skills in the field of Artificial Intelligence (A.I.) with the help of programming, concepts of mechanics, devices and circuits so that their bot can work efficiently and can cross the maze in shortest possible time. The dimensions of the bot and the time for crossing the maze by each team was recorded by Mr. Anamol Kumar (Member, IEEE Student Branch) and Mr. Mohd. Azam (Chair, R.A.S Chapter, IEEE Student Branch). The event was judged by Mr. Guru Prabhat (Coordinator, Department of Electrical and Electronics Engineering) and Dr. N. M. Kannan (Coordinator, Department of Agriculture Studies). The winner of the event was team consisting of Mr. Koustav Banerjee, Mr. Debojyoti Basu, Mr. Gourav Chakladhar and Mr. Lalit Kumar.

The runner up of the event was team consisting of Mr. Nishant Lodhi, Mr. Ashutosh Agarwal, Mr. Vivek Kumar and Mr. Chhotu Sharma. At the end, Dr. Gulshan Chauhan (Director, Quantum School of Technology) awarded the winner and runner up with the cash prizes, mementos and certificates. Every participant was given the certificate of participation.



IEEE Sight Activity on Humanitarian Technology

It gives us immense pleasure to share that UPES IEEE Computer Society Student Chapter has organized “IEEE Sight Activity on Humanitarian Technology” on 20 April 2018. The IEEE Special Interest Group on Humanitarian Technology (SIGHT) program is a global network of groups of volunteers consisting of IEEE members and other volunteers who identify and address local problems by applying their technical skills and partnering with their local communities.

The chief guest for the event was **Prof. Dilip Kumar Sharma, Vice Chairman of IEEE Computer Society, IEEE UP Section. Mr. Pravin Dagdee, Industry fellow, UPES Dehradun and Dr. Dilip Kumar Sharma were the Keynote speakers for the event.**

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Expert talk by Mr. Pravin Dagdee on Humanitarian Technology

The event started with lightning of the lamp by the chief guest and seeking God's blessings through Saraswati Vandana. **Dr. Amit Agarwal, HOD, Department of Virtualization, SoCS** briefed the audience about the importance of IEEE SIGHT and its benefits.

The major highlights of the event were the guest lecture by **Prof. Dilip Sharma** on "IEEE SIGHT" And Expert talk by **Mr. Pravin Dagdee on Humanitarian Technology**. The opening was marked by an interesting presentation on Earthquake by Mr. Praveen Dagdee. Some other events were held under IEEE sight activity. One of them was the **project presentation idea** while the other being the **poster making competition**.

The winner of the Project Presentation idea were -

1. Gaurav Kumar Pandey, Kilak Kumar, Shivam Agrawal (OGI III year)

2. Rohit Ram chandani, Mohammad Shamon (BFSI III Year)

The main audience were the students from SoCS, They got through the knowledge sharing session of our Key Note Speakers and by taking part in the various competition. The participants showed great enthusiasm throughout the event and it turned out to be an interesting activity. The entire initiative was praised by all the faculty members and the students present in the event.

Dr. Amit Agarwal, IEEE CSI Chapter Advisor and **Dr. J.C Patani**, IEEE CSI Chapter Chair presented both the chief guests with a token of appreciation

The event was concluded by **Dr. Amit Agarwal** who delivered a vote of thanks.

The entire event was conducted under the guidance of **Dr. Amit Agarwal**, HoD (Dept. of Virtualization); **Dr. J.C Patni**, IEEE CSI Chapter chair, **Mr. Amrendra Tripathi** (Faculty coordinator) and **Mr. Amar Shukla** (Faculty coordinator) and student coordinators.

We would like to extend our heartfelt gratitude to the **management** of UPES for providing us with the much needed support for making this event a huge success; Director, SoCS, **Prof. Manish Prateek**, who has always encouraged and motivated his team to achieve newer heights, our Department head, **Prof. Amit Agarwal and team** who supported and guided us throughout and our Expert Panel Members.



International Symposium on Recent Trends in Information Technology

Rajshree Institute is delighted to organize **International Symposium on Recent Trends in Information Technology** on February 22, 2018. Invited speakers **Dr. Marcin Paprzycki**, University of Warsaw, Poland, **Prof. Maria Ghanza**, University of Warsaw, Poland and **Dr. Vinay Rishiwal**, Assistant Professor, MJPRU, Bareilly, Uttar Pradesh explored about various aspects of Recent Trend in Information Technologies. **Mr. Rajendra Agarwal**, Chairman, Rajshree Group of Institutions inaugurated the ceremony by lightening the lamp. **Mr. Rohan Bansal**, Managing Director, Rajshree Group of Institutions also welcomed all the delegates by presenting the bouquets.



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International Conference Recent Innovation in Management, Engineering, Science and Technology

Rajshree Institute of Management & Technology, Bareilly (AKTU Code 479) organized *International Conference on Recent Innovation in Management, Engineering, Science and Technology (RIMEST2018)* at Institute campus in association with **IEEE U.P. Section and Conference World** on **January 28-29, 2018**. It is an interdisciplinary conference and seeks to understand the opportunities and challenges in developing innovative strategies through engineering, science and technologies. International Conference on Recent Innovation in Management, Engineering, Science and Technology (RIMEST2018) led to the formulation of strategies and collaborative action plan to explore the potential of innovation through Management, Engineering, and Science & Technology.

The proceeding of the International Conference on Recent Innovation in Management, Engineering, Science and Technology 2018 was published by Conference World and AR Research Publication. Total 315 papers were received for the conference and 164 papers were shortlisted by the committee. These Papers were well presented in the conference to arouse a high level of interest among all the participants. Delegates presented research papers of high standard and had meaningful discussion. The conference proved useful to the participants in bringing out new ideas and knowledge on recent innovations. All the accepted papers were published in International Journal with ISSN & Conference proceeding having ISBN 978-93-86171-95-5. Shri Rakesh Kumar Agarwal (Secretary), Shri Rajendra Kumar Agarwal (Chairman), Dr. Monika Agarwal (Vice Chairperson), Rajshree Group of Institutions, Bareilly, Dr. Saket Agarwal, Dean (Academics), Mr. Rishbh Bansal, Mr. Rohan Bansal, Mr. Piyush Gupta with other participants from distinguished Institutions and Universities were present in the inaugural ceremony of the conference.

Shri Gaurav Dayal, DM, Bareilly, Chief Guest of the programme pointed out that celebration of annual day is an appropriate time to introspect and interrogate our role to reach the sky. He motivated all the students by giving practical examples of life. He focused on hardworking, integrated view of problems solving, staying happy, knowing ourselves, pursuing one's goal, and never quitting attitude, etc. His address received resounding applause.

To celebrate the foundation day in a befitting manner, various Technical, Management, cultural and Sports events were organized in the institute premises which contained skits, dance and singing performances. Most of the management Students participated in management events like Fun-2-SHHH, Startup, Tirchi Nazar, etc. B.Tech and Polytechnic students participated in technical events like Robotics, Rubik Cube, Model Presentation, Technical Quiz, CADD Design, etc. Students from other institutions also participated in various events. Cultural and sports events are participated by all the students of different streams.



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“IEEE YOUNG PROFESSIONAL NATIONAL SYMPOSIUM” BIG DATA ANALYSIS & IOT

On 21st April 2018, one day IEEE YOUNG PROFESSIONAL NATIONAL SYMPOSIUM was held on topics BIG DATA ANALYSIS & IOT, which was Supported by IEEE UP Section & sponsored by MHRD-TEQIP-III at Women Institute of Technology, Dehradun. Firstly **Dr.G.S.Tomar** acknowledged students about **importance of research and told methods to improve the problems in surroundings**. He encouraged girls to actively participate in doing new innovations and research. After his symposium, he was given a memento. After this, **Dr. Dilip Kumar Sharma** made us aware about **Big Data and told how big data can help us to improve our living style**. He told us that how with the help of Big Data, we can do better analytics. **Miss Parul Mishra** told us about her **experiences and motivated students for achievement of their dreams**. She told students about what a company wants from its employees, she made us **aware of different techniques such as presentation and communication skills to face an interview confidently**. **Dr.VinayRishiwal** made us aware about **IoT**. He told that with the help of new techniques in agriculture, we can get more output with less input provided to crops. **Dr. Mayank Aggarwal** acknowledged us about **Block chain**. He told us that how this new technique is being used in digital currency. At the end, our director **Dr.Alaknanda Ashok** gave vote of thanks to the dignities and presented them memento. We also took group photographs.

Two-days IEEE National Workshop on Advances in Information Processing at GLA University

It is a matter of immense pleasure that under the Technical Sponsorship of SIGHT IEEE Uttar Pradesh Section and Department of Computer Engineering & Applications, GLA University, Mathura, India has successfully conducted two days National workshop on Advances in Information Processing from April 7-8, 2018.

During this workshop, Prof. A.S.Agrawal explored the use of soft computing techniques in Information Processing. Firstly, he classified soft computing in three categories: Neural Network, Fuzzy Logic and Genetic Algorithm. Then after, he told about linear and non-linear perceptron, how the implementation

of neural network is done in MATLAB. He also discussed ranking function and IR evidences based ranking function. At last of his speech, he told about confusion metrics, support vector machine, feature selection and its implementation on MATLAB.

Second day the session was started by the talk of Prof M. M. Sufyan Beg, Principal, Z. H. College of Engg. & Tech, Aligarh Muslim University, Aligarh research methods in information processing. After lunch Dr. Karan Verma, Assistant Professor, NIT Delhi talked about bitcoin and block chain technology. The valedictory session was chaired by Dr. Satish Kumar Singh, Assistant Professor, IIIT Allahabad.

Dr. Aditi Sharan delivered a talk on fundamentals of opinion mining and its application areas. These two expert talks were followed by hands on sentiment analysis and word cloud. Mr. Rahul Pradhan and Mr. Yogesh Gupta explained how sentiment analysis can be done on tweets and how to create word cloud. In this workshop, more than 40 participants got aware about latest trends and new advancements in the field of information processing.



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Workshop on Big Data and Hadoop

On 17th Feb. 2018, one day Workshop was held on topics **BIG DATA AND HADOOP**, which was Supported by IEEE UP Section & sponsored by MHRD-TEQIP-III at M.J.P. Rohilkhand University, Bareilly. Main speaker of the program was Ms. Parul Mishra Business Technology Analyst, Deloitte, Gurugram. She talked about the Big Data and Hadoop and scope of Big Data in current and future. She also discussed how to prepare yourself to secure a great future in this field. In the end she concluded with different motivating examples and her experiences in corporate world and with her good luck wishings .

Workshop on Intellectual Property Rights issue in Science and Technology

On 14 May 2018, one day Workshop was held on Workshop on Intellectual Property Rights issue in Science and Technology, at M.J.P. Rohilkhand University, Bareilly. Prof Balraj Chauhan, Ex-VC, Ram Manohar Lohia University, Lucknow, started the program by discussing the importance of intellectual property rights and why we need them and the issues we are facing in science and technology. After that Dr. Shashi Rana Joint Director and Nodal Officer, Council of Science and Technology (DST), Lucknow carried on the discussion by talking about how the implementation of these right can be made easy and also how we can reduce the issues we face in applications.



International WIE symposium 2018, on Universalization of Access through I.T. in Smart Cities

was organized by Department of Computer Science And Information Technology, Faculty Of Engineering And Technology, M.J.P. Rohilkhand University, Bareilly on Feb 21-22, 2018.

Speakers:

- ❖ **Dr. Marcin Paprzycki**, Polish Academy of Sciences, Warsaw, Poland.
- ❖ **Dr. Ankur Dumka**, University of Petroleum and Energy Studies, Dehradun, India.
- ❖ **Prof. Maria Ghanza**, University of Warsaw, Poland.

The symposium was focused on IT techniques, Smart Cities, Leadership, Empowerment and Entrepreneurship for men, women and students to pursue and build a career in Engineering, business and social sectors. The event was included discussions by eminent speakers' sessions including recent and advanced technologies, specific concerns related to women's role in IT, women's role in Smart Cities development, women's safety, staying healthy, home and workplace balance and working in a globalized workplace.



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IEEE Student Branch Annual Day Celebration and Award Ceremony, MMMUT Gorakhpur (UP)



Annual Day of IEEE Student Branch, MMMUT Gorakhpur was organized on May 1, 2018 to culminate the events of the Branch throughout the year as we bid adieu to the working team of last year i.e. 2017-18 and initiation of the terms of new office-bearers for the session 2018-2019. It was attended by all the members of IEEE Student Branch for the session 2017-18 and 2018-19. This event was organised under the guidance of Dr. Brijesh Kumar, Counsellor IEEE, Student Branch MMMUT Gorakhpur and Dr. Diwakar Yadav, Counsellor, SIGHT and Faculty in-Charge Technical Sub-council, MMMUT Gorakhpur. All the participants and different teams were appreciated, motivated and encouraged by our Hon'ble Vice-Chancellor, MMMUT Gorakhpur Prof. S. N. Singh. Certificate, prizes and mementos were awarded to all the winners of various events conducted throughout the year under the banner of IEEE Student Branch, MMMUT Gorakhpur. IEEE sponsored summer internship program in Electronics and Communication Engineering (SIPECE-2018) is conducted from May 19-July 20, 2018 (Two Months) by Department of Electronics and Communication Engineering, Madan Mohan Malaviya University of Technology, Gorakhpur (UP) India that was technically Co-Sponsored by IEEE Uttar Pradesh Section.

IEEE MTT-S SBC IIT BHU has organized the two-day workshop from 1st February 2018 to 2nd February 2018 on “**Advanced Design System (ADS) - Demonstration and Training**” at the Department of Electronics engineering. Mr Rohit Gupta, Application Engineer, Keysight Technologies and Dr Somak Bhattacharyya, IIT BHU have conducted the demonstration and training of ADS which is an electronic design automation software system developed by Keysight EEsof EDA, a division of Keysight Technologies. **Mr Rohit Gupta**, Application Engineer, Keysight Technologies introduced the new features of the EMPro software and demonstrate the electromagnetic simulation capabilities of EMPro.

Advanced Design System (ADS) - Demonstration and Training



International Seminar on “Smart Technologies for Smart City”

International Seminar on “Smart Technologies for Smart City” Organized by: Dept. of Electrical & Electronics Engineering, I.T.S Engineering College, Gr. Noida on April 19-20, 2018. Sponsored by Partial financial assistance received from SERB, DST Govt of India & AKTU, Lucknow Technical Support from IEEE SIGHT, UP –Section. This International Seminar, STechSCity-2018 is dedicated towards gathering the most relevant experts and leaders of academia, companies, entrepreneurs, start-ups and research centers to have an open discussion on challenges & issues related to technological development and implementation. This forum had given a wide area exposure to Young Engineers & Scholars about need of Technological development in thirst areas. The auspicious occasion was inaugurated with a lamp lighting ceremony by Hon’ble Chief Guest Shri Krishna Kumar Gupta, (IAS), Additional CEO, GNIDA, Distinguished Keynote Speakers-Dr. Tapan Gandhi, IIT Delhi, Dr. Dilip Sharma, Convenor-IEEE SIGHT, UP-Section, Dr. Ashish Kumar, MNIT Allahabad, Mr. Raunaque Mujeeb Quaiser – ST Microelectronics, Greater Noida, Mr. Piyush Chandra Ojha, V.P. - CABCON, India, Dr. Vikash Singh, Executive Director, I.T.S Group of Education, Dr. Gagandeep Arora –Dean Academics, Dr. Sanjay Yadav, Dean Student Welfare in presence of HOD’s, faculty members, students and scholars from premier institutions. General Chair, Dr. Monika Jain, has presented the objectives and program highlights of STechSCity-2018. Honorable Executive Director-Dr. Vikas Singh has delivered a welcome address to Chief Guest, & Eminent Speakers. He has highlighted the key concept of Smart City by highlighting the features of India’s First Smart City “GIFT City” of Ahmadabad. He said this rapid development will not only transform every one’s life for betterment it will also give a huge opportunity for innovations, research and ideas to face the challenges in technological transformation into reality.

In the felicitation speech, Guest of Honor, Dr. Tapan Gandhi, Professor, IITD has highlighted that Mission of Smart City will be possible with “PPP”- People, Policies & Productivity. Mr. Raunaque has delivered the plenary session on “ST Technologies enabling Smart Cities” which emphasized on the need for Smart Cities in today scenario. Also highlighted how Smart cities are helping citizens of the country worldwide in their day to day living by enabling Smart Energy Management, smart traffic control, smart waste management, Smart driving System, Smart IoT Applications though low energy & cost effective wireless communication systems etc. He has given the insight of technologies that Smart city is going to enable in next few years for data or information communication through Sixfog, Zigbee, 5G, 6LowWPAN, Sub-GHz kind of wireless communication systems. Mr. Mujeeb has demonstrated some products & different tools offered by STMicroelectronics to build Smart City solution.

In the next Plenary Session, Mr. Chandra has delivered the Talk on “Smart Cities from a Regional Planning Perspective: How to turn around the exploitative systems to symbiotic one”. He redefined “the need of a Smart City from a very holistic perspective relating to ancient concept of “Pancha Tatva- Prithvi, Jal, Agni, Vayu & Aakash”. He highlighted on “how each element of this rejuvenates each one of us in building the inner strength to think higher and do better for the society”. He highlighted, only being obsessed with technologies we cannot create a Smart City, rather the mission of Smart City for better life will be possible only when we human will develop “Noble Shwadeshi Technologies creating minimum destruction to Nature” to protect the Pancha Tatva which is the driving elements of whole universe. It was followed another two sessions on “Building A Cyber Resilient Smart City” Dr. Anuj Goel, Co-Founder Cyware Labs, USA & “Home Automation for Smart City” by Mr. Alok Hada, Director, Anusha Technovision Pvt. Ltd. respectively.

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Thus, the Two Day International Seminar concluded with a note of Vote of Thanks to all by Dr. Monika Jain, General Chair –STechSCity.



“IEEE Leadership Workshop” from 24th March to 25th March, 2018.

IEEE Signal Processing Society, Computer Society & IEEE Student Branch, Indian Institute of Information Technology Allahabad jointly conducted a two day “IEEE Leadership Workshop” from 24th March to 25th March, 2018. Leadership workshop was an effort towards training young participants by instilling the mission, vision and work ethics of IEEE sponsored events. The speakers for this workshop enthusiastically shared their experience and struggles of how they gradually climbed up the ladder from being a follower to becoming a leader. As key members of an organization as huge as IEEE, the speakers like Prof. S.N Singh, IEEE R10 Conference and Technical Seminar Conductor, Prof. Y.N. Singh, Dean IPR, IIT Kanpur, delivered talk on how one need to infuse within oneself an attitude that would help in managing different roles within IEEE. Dr. Madhvendra Mishra from Department of Management Studies, IIIT Allahabad gave some management tips and tricks to the participants through fun demonstrations, exercises, and practical examples. He also told students about what kind of leadership styles are applicable in what kind of environment and how different groups work under different leadership styles. Mr. Punit Singh, Ph.D. Student and Chairperson of IEEE Student Branch IIIT Allahabad informed the IEEE Student Members on the formal working of the student branch. The workshop also covered the standard code of parliamentary meeting procedure as described in Robert’s Rules of Order and importance of conferences and workshops and how does it affect one as an individual, in ones profession, and in academia. Participants included students from B.Tech., M.Tech., MBA and Ph.D. The Ex-Com Meeting of IEEE UP Section was also conducted where IEEE UP Section office bearers attended the meeting. Along with these talks and meeting, 3 students Anshu Tripathi (IIIT), Deepak Sonker (IIIT), Utkarsh Tripathi (United College of Engineering and Research Naini) were awarded on Humanitarian basis for trying to save life of Mr. Nilendra Tripathi, staff of IIIT after his tragic road accident in the night of 31st December 2017. Anshu, Deepak and Utkarsh also shared their stories and inspired other students to come forward and help people in need in these kind of situation. IEEE Student Branch IIIT Allahabad won the **IEEE UP Best Student Branch Award** for the year 2017-2018. This award was indeed the fruitful return of the all the hard work and dedication collectively invested by the student members, office bearers, mentors and coordinators of the branch. In the year 2017, IIIT Allahabad hosted two national level IEEE events like CSIS’17 (Computer Society India Symposium) and AISYWC’17 (All India Student Young Professional Women in Engineering Congress) which attracted participants and speakers from all over the country. Hosting such huge number and diverse audiences was of course not an easy feat. Hence, this award along with **IEEE UP Best Volunteer award- 2017** received by Mr. Venkat Beri, past chairperson. IIIT Allahabad Student Branch encouraged the members to do better for the next academic year.

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Smart Technologies for Smart City”, STechSCity-2018

International Seminar on “Smart Technologies for Smart City”, STechSCity-2018 organized by: Dept. of Electrical & Electronics Engineering, I.T.S Engineering College, Gr. Noida Date: April 19-20, 2018 Coordinated By: Dr. Monika Jain & Dept. Team Sponsored by: Partial financial assistance received from SERB, DST Govt of India & AKTU, Lucknow Technical Support from IEEE SIGHT, UP -Section

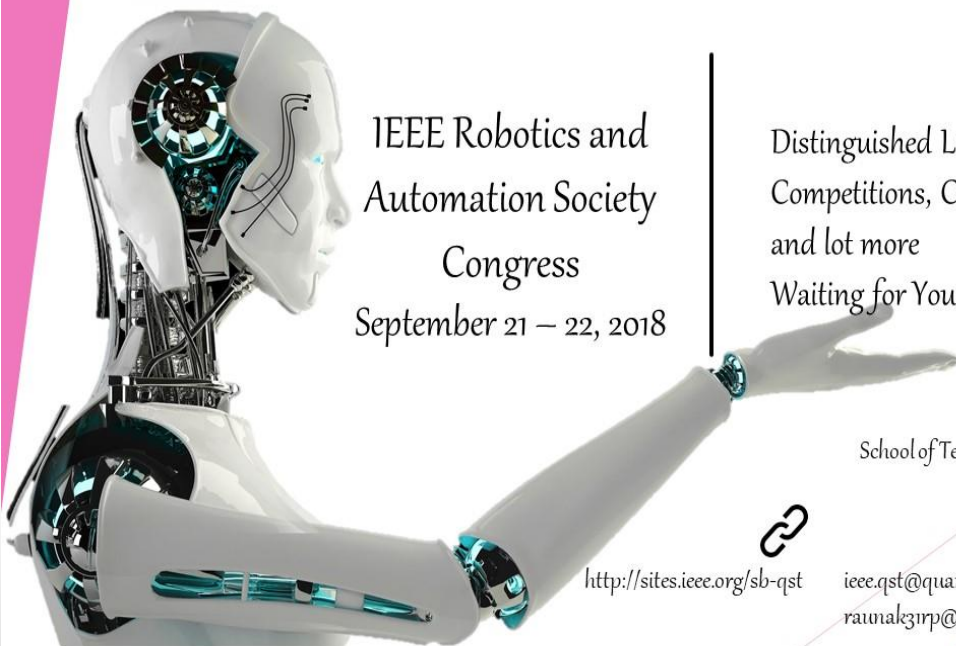
Event Objective: This International Seminar, STechSCity-2018 is dedicated towards gathering the most relevant experts and leaders of academia, companies, entrepreneurs, start-ups and research centers to have an open discussion on challenges & issues related to technological development and implementation. This forum had given a wide area exposure to Young Engineers & Scholars about need of Technological development in thirist areas.

New Student Branches

1. IEEE Student Branch Rajkiya Engineering College ,Mainpuri.
2. IEEE Student Branch G.B Pant Engineering College Pauri Garhwal.
3. IEEE Student Branch PSIT Kanpur
4. IEEE-PES Student Branch Chapter Rajkiya Engineering College ,Mainpuri.
5. IEEE-IAS Student Branch Chapter Rajkiya Engineering College ,Mainpuri.
6. IEEE-WIE Student Branch Affinity Group Rajkiya Engineering College ,Mainpuri.

New IEEE SIGHT Chapters

- MMMUT, Gorakhpur
- Amity University ,Noida
- ITS Engineering College ,Greater Noida
- Integral University, Lucknow
- UPES, Dehradun



IEEE Robotics and
Automation Society
Congress
September 21 – 22, 2018

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IEEE Student Branch
School of Technology, Quantum University, Roorkee

<http://sites.ieee.org/sb-qst>

ieee.qst@quantumeducation.in, raunak31rp@gmail.com, +91-9634840658

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7th International Conference on Reliability, Infocom Technologies and Optimization'2018 (Trends and Future Directions)	AIIT, Amity Noida	August 29-31, 2018
International Conference on Computational and Characterization Techniques in Engineering & Sciences (CTES-18)	Integral University, Lucknow http://cctes18.iul.ac.in/	Sept 14-15, 2018
International conference on "Micro-Electronics and Telecommunication Engineering (ICMETE)	SRM University, NCR Campus	September 20-21, 2018
2nd International Conference on Advances in Computing, Control and Communication Technology, (IAC3T-2018)	J.K.Institute of App. Phy. & Technology, University of Allahabad	September 21-23, 2018
International Conference On Computing, Power and Communication Technologies 2018 (GUCON 2018)	Galgotias University, Gr Noida	September 28-29, 2018
International Conference on Computational and Automation Engineering (ICCAE2018)	Amity University, Greater Noida	October 3-5, 2018
International Conference on Advances in Computing, Communication Control and Networking (ICAC3N'18)	CSE & IT Dept. GCET, Greater Noida	October 12-13, 2018
International Conference on Bioinformatics and Systems Biology (BSB-2018).	IIIT Allahabad	October 26-28, 2018
International Conference on Advancement in Energy Drive & Control (ICAEDC-2018)	I.T.S Engineering College, Greater Noida	October 26-27, 2018
International Conference on Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity (CIPECH-18))	KIET Group of Institutions, Ghaziabad	November 1-2, 2018
5th UPCON 2018	MMMUT, Gorakhpur http://www.mmmut.ac.in/upcon2018/	November 2-4, 2018
7th International Conference on System Modeling& Advancement in Research Trends (SMART-2017)	TMU Moradabad	November 23-24, 2018
International Conference on Computing, Communication & Automation (ICCCA2018)	Galgotias University, Gr Noida	Dec 14-15, 2018
International Conference on Entrepreneurship, Innovation and Leadership	Amity University, Noida	December 19-21, 2018
IEEE International Student Conference on Electronics, Computers and Communication (ECC 2017)	MNNIT Allahabad	Dec 22-23, 2018 Back to top 

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Dr Y.N. Singh	Member	ynsingh@iitk.ac.in
Mr Ankit Yadav	Student Member	ankity@iitk.ac.in

One Day Workshop on “Innovative Trends of Civil Engineering” This is matter of delight that a One Day Workshop on “Innovative Trends of Civil Engineering” organized on 12th February 2018 at 10:00 AM. The purpose of this workshop is to elaborate about multidimensional aspects such as Earth quack, Hydrology, recognizing constraints on energy. Considering different recent innovative sudden structural failures, disaster or terrorist attack which then damages a major water supply pipeline also add flooding to an already bad situation. Simulation models for structural, soil, water, air, environmental and human behavior will also be covered in this workshop. The demand for civil engineers in real field is still large scales now days and the civil and therefore in order to enhance research and innovation in the different areas this workshop is going to conduct.

Editor's Message

Welcome to the *IEEE UP Section Newsletter (IUSN)*. I am pleased to present the volume 2, issue 1 of IUSN. This issue of our biannual supplement is designed especially to showcase the activities of IEEE UP Section from January to June 2018. This edition highlights the assortment of news, events, achievements, recent conferences/events held during this year. I hope you find this issue very interesting. Please let us know if there are any topics you'd like to see covered in the future.

Mail us at upsectionnewsletter@gmail.com

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Vinay Rishiwal

SMIEEE, M.J.P. Rohilkhand University, Bareilly,
Department Of Computer Science And
Information Technology

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PHOTO GALLERY













