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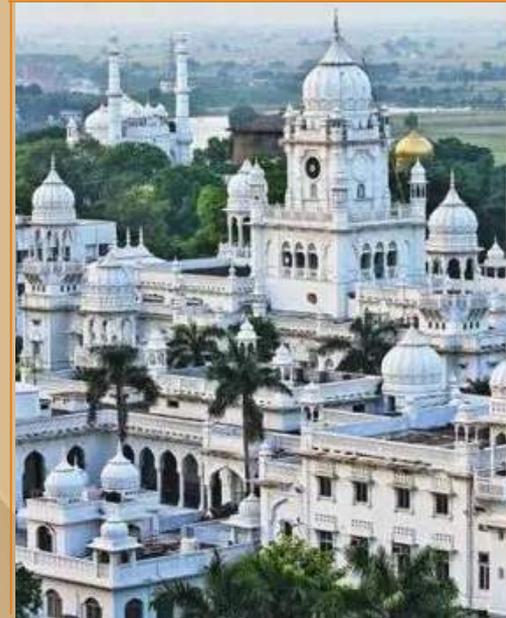
THE OFFICIAL IEEE UTTAR PRADESH SECTION NEWSLETTER



LBSNAA - MUSSOORIE



UPCON 2021



KING GEORGE'S MEDICAL
UNIVERSITY-LUCKNOW

ABOUT IEEE UP SECTION

The Institute of Electrical and Electronics Engineers, Incorporated (IEEE) is a non-profit corporation, incorporated in the state of New York on 16 March 1896. The purpose of the IEEE is to engage exclusively in scientific and educational activities within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1986, as amended, directed toward the advancement of the theory and practice of electrical, electronics, communications and computer engineering, as well as computer science, the allied branches of engineering and the related arts and sciences, which benefit the engineering profession and the public.

As authorized by the IEEE Board of Directors, the IEEE Member and Geographic Activities Board (known as IEEE Regional Activities Board prior to 1 January 2008) approved the establishment and boundaries of the IEEE Uttar Pradesh Section on 11 May 1992. The Uttar Pradesh Section conducts activities which assist the local IEEE members to enhance their professional careers and their communities.

MISSION STATEMENT

In order to fulfill IEEE's mission of advancing the theory and practice of electrical, electronics, communications and computer engineering, as well as computer science and related areas, Region 10 activities are directed to developing and maintaining regional entities for the best interests and benefits of the IEEE members in the region.

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TREASURER, IEEE UP SECTION
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MR. K. C. MISHRA
JOINT SECRETARY, IEEE UP SECTION
WIT, DEHRADUN

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- Babu Banarsi Das Institute of Technology and Management, Lucknow
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- Indian Institute of Technology BHU, Varanasi
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Social Welfare Work Of Student Branches

- Indian Institute of Technology, Kanpur

Events of Student Branches (Posters)

UPCON-2021

- About UPCON-2021
- List Of Accepted Papers At UPCON-2021

Editorial Board

Students Editorial Board



MESSAGES



DR. SATISH KUMAR SINGH

CHAIRMAN, IEEE UP SECTION

Highly proud moment to know that the electronic communication and publication committee of the IEEE Uttar Pradesh section has taken the initiative of publishing the current issue of its quarterly newsletter in the year 2021 and now we are publishing the fourth issue of it. My heartiest congratulations to the entire executive committee members of IEEE Uttar Pradesh Section for 2021 for taking the best initiatives and all possible efforts to make the section powerful, lively, despite the hardest hit of COVID-19. Through this newsletter volume, the section is trying to consolidate the recently conducted activities. The section is truly believing in diversity and the present executive committee consists of members from diverse geographical areas of the section including the representation from all the major technical institutions and the industry. IEEE provides a wide range of quality publications that make the exchange of technical knowledge and information possible among technology professionals. This essential content, categorized below, is delivered through the IEEE Xplore Digital Library. The current executive committee members have taken the charge of responsibility and started the work in the most systematic and well organized manner. These members are active participants in research and authorship, conferences, and important conversations about today's most relevant technical topics locally and globally. The objective behind this is to make the section most significant to its members and the most vibrant section in region-10 while upholding the top-level ethical, social, moral, and humanitarian behavior. IEEE provides a wide range of quality publications that make the exchange of technical knowledge and information possible among technology professionals. Its a pleasure to learn that many new organizational units are being formed and the membership growth is quite impressive. Many new fellows and senior members have been added. Our student branches and their chapters are quite active. Section's professional chapters are also marching with a triumph. I know that the time is tough due to COVID-19 but I wish that all our members be safe and healthy. I wish for the all-around development of members and tremendous growth of the section.

MESSAGES



MR. K.C. MISHRA

JOINT SECRETARY, IEEE UP SECTION

I am extremely delighted to share with you all that the IEEE UP Section has been releasing volumes of newsletters quarterly and has achieved remarkable success. Time and again, IEEE has proved its mettle in digging out the innovation and enthusiasm in young and dynamic scholars and paved the way for them towards the research field thus, making them an important asset to society.

The newsletter will open doors of ideas for many and will encourage many others. The editors have gone guns blazing in making this event impactful and full of opportunities. Thanks to the editors and the entire team for their continuous efforts in proving IEEE as the technical organization in the truest form. I would also like to express my gratitude to the students, volunteers, and every individual behind this success and that I feel utmost joy and pleasure to be a member of this wonderful organization destined to work for the betterment of the engineering society.

MESSAGES



DR. VARUN KAKAR

CHAIR, YOUNG PROFESSIONALS, IEEE UP SECTION

Dear Members,

I feel very privileged to write this message for the vol. 4 of the IEEE UP Section Newsletter 2021.

I want to thank all of the IEEE UP Section Committee members and volunteers in every Affinity Group and Student Branches that with their efforts, made an impact for all the members and humanity in the year 2021. You are all Rock Stars! What a year we have closed!

I am happy to share that the state of the IEEE UP Section remains strong. Though we have missed face to face meetings, gatherings, the intellectual energy in the hallway and meeting of new colleagues who are tackling the same technical problems etc. due to the Covid-19 pandemic all around the globe, but every volunteer continued to work hard towards the growth of the section and IEEE. The membership numbers in the section have grown and our conference, publication and other activities proved to be resilient despite the lingering Covid-19 situation worldwide. As volunteerism is the lifeline of IEEE, so a great salute to all the volunteers of IEEE UP section.

Our section's flagship conference UPCON- 2021 was held in the month of Nov 2021 in hybrid mode at Dehradun. The proceedings are already available on the IEEE Xplore. I sincerely thank to all the persons associated with the conference. Without their support and guidance, this conference would not have been so much successful.

I as a chair of Young Professionals Committee, IEEE UP Section envision a vibrant community of young professionals using their diverse talents to innovate for the benefit of humanity. The YP team has conducted various activities round the year. Some new initiatives have also been launched by the YP team, to name a few such as YP Star of the month award, technical/ professionals lecture series for the benefit of the IEEE members and non- members etc. A YouTube channel has also been created where all the lectures, webinars etc. conducted by the YP team are uploaded so as to maximize the benefit of the conducted activities. The YP team has done a good job under the mentorship, guidance and support of office bearers and other executive members of the section 2021. So, at the last, I would like to congratulate to all the award winners of 2021 of IEEE UP Section.

Wishing you all a very Happy New Year 2022 filled with Peace, Love, and Joy!

EDITOR'S MESSAGES



DR. RAJAT KUMAR SINGH

CHAIR, ELECTRONIC COMMUNICATION
ACTIVITIES

Dear Reader,

It's my pleasure to present to you the third quarterly newsletter of IEEE UP section. As the world's largest technical professional organization, IEEE offers a number of ways to get involved with technical and local communities, this newsletter being one of those ways, for which I would like to convey my sincere gratitude and thanks to the Chairman, IEEE UP Section Dr. Satish Kumar Singh, who has initiated this concept in addition to explore education programs and offerings from IEEE to various other new fields. The Committee is working in three broader areas to provide details to the members: connectivity among members via social media, Section Website management, and Newsletter (Quarterly)

I would also like to express my gratitude to Prof. Rafik Ahmad, Dr. Khadim Moin Siddiqui and his wonderful team of student volunteers who have given their valuable time to prepare this newsletter. A special thanks goes to all the members for providing their tremendous inputs.



PROF. RAFIK AHMAD

CONVENER, SECTION NEWSLETTER AND
PERIODICALS SUB-COMMITTEE

Welcome to the third IEEE UP Sections Newsletter. I am blessed to present various achievements done by IEEE UP Section in third quarter 2020-21. As the world is recovering from Covid-19 we at IEEE UP section are also improving. Its been a great honour for me to be given the opportunity to serve as the Editor for this Newsletter.

This Newsletter edition highlights the ex-com meetings, events, achievements and awards etc. I am much thankful to Dr. Satish Kumar Singh for giving me the opportunity to work for IEEE UP Section. I thank all who took time from their busy schedules to volunteer and served for humanity.

On this occasion, I also would like to express my gratitude to several members of the editorial board especially Dr. Khadim Moin Siddiqui and his students team for their consistent hard work and support. Their service and dedication to our achievements are truly remarkable and highly appreciated. An special thanks to Er. Kanika Lamba for supporting me. I look forward to continuing work with my dedicated team. Wishing great future.

EDITOR'S MESSAGES



DR. KHADIM MOIN SIDDIQUI

MEMBER, SECTION NEWSLETTER AND PERIODICALS
SUB-COMMITTEE

Dear Reader,

Greetings!

We are delightfully presenting the IEEE UP Section newsletter Volume 5, Issue 4 and in this issue fourth quarter activities has been included. Some student branches are working tremendously throughout the year and submitting their student branch contributions timely for publication in the section newsletter. Their contribution for the humanity is highly appreciated. The editorial team is expecting similar efforts from some other student branches also because as a student branch we need to contribute for the humanity in the effective way and then the purpose of student branch will be fulfilled. We hope their contributions will be reflected in the issues of year 2022. In this issue, details of young professional star of the month have also been included and many congratulations to all winners.

Our sincere thanks with deep gratitude to Prof. Satish Kumar Singh, Chairman, IEEE UP Section for providing us constructive inputs for making the newsletter more effective. My sincere thanks to Mr. K.C. Mishra , Joint Secretry , IEEE U.P. Section, Dr. Varun Kakar, Chair, Young Professionals IEEE U.P. Section for providing their messages on time. and also my sincere thanks to Dr. Rajat Kumar Singh, Chair, Electronics Communication Activities committee, IEEE UP Section and Prof. Rafik Ahmad, Convener, Newsletter Committee, IEEE UP Section for their time to time support. At last but not least thanks to all student members for your dedication and support, due to your efforts we are able to publish newsletter timely.

Thanks & Regards

EX-COM MEETING

MEETING MINUTES

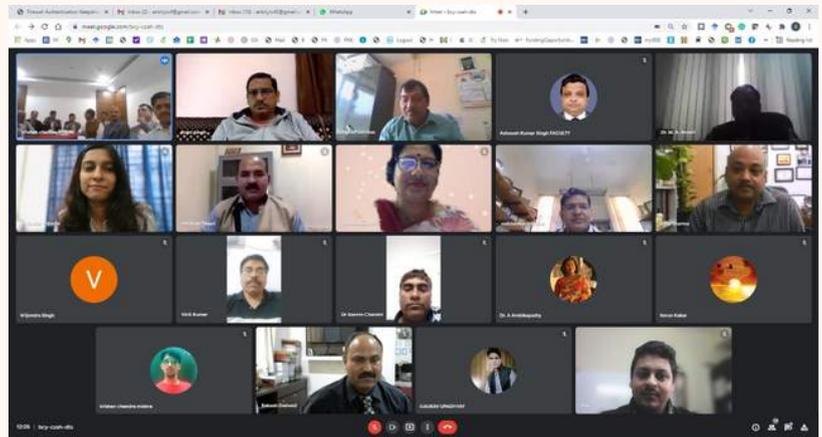
Meeting Detail: 2021, 8th Executive Committee

Meeting Date: November 13, 2021 (Saturday)

Time: 11:00 AM **Venue:** Hybrid Mode (Online/Face-to-face): Tula's Institute Dehradun

Chairperson: Dr. Satish K. Singh, IIIT Allahabad

Secretary: Dr. Prabhakar Tiwari, MMMUT Gorakhpur



OPENING REMARK BY CHAIRMAN, IEEE UP SECTION

- The Section Chair welcomed all the members to the 8th EC meeting of 2021.
- Updates on activities during the last meeting to this meeting.
- Vision and Mission for 2021
- Goals (Student-Branched/Chapters, Section-Chapters, Membership Retention/ Addition/ Elevation, OUI0Program, Industry Connect Cell, Industry-Academia Meet, More Awards and Recognitions, StTravel/ StRR/ StIntern/ StCFair Programs, OU Reporting & Funding Programs, Financially Sponsored Conferences, Distinguished Academia / Industry Speaker Program, IEEE/Women/Humanitarian/Engineers/Environment/Earth/ Day Celebrations, SIGHT/YP/WIE Projects Funding)
- Roles & Responsibilities of Various Committees and Subcommittees
- Committee Details.

EX-COM MEETING

AGENDA ITEMS MEETING

A/I-1. Dr. Navneet Kumar Singh, Assistant Professor, EED, MNNIT Allahabad is organizing 7th Students' Conference on Engineering and Systems (SCES 2020) on July 1-3, 2022 at Department of Electrical Engineering, Motilal Nehru National Institute of Technology Allahabad India. This event is being Co-sponsored by the IEEE Joint Society Chapter of IE/PEL/CS (Industrial Electronics /Power Electronics /Control System). The organizers have requested for Technical Co-sponsorship and paper upload to IEEE Xplore for the event.

A/I-2. Prof GS Tomar, Director REC Sonbhadra is organizing World Conference on Applied Intelligence and Computing on June 17-19, 2022 at REC Sonbhadra, UP, India. This event is being Financially Sponsored by the IEEE MP Section. The organizers have requested for Technical Co-sponsorship for the event.

A/I-3. Update on status of UPCON-2021

A/I-4. Approval of IEEE Day financial Support.

A/I-5. Approval of Activity-based incentive award rank list and award.

A/I-6. Presentation of updates on action by different Committee Chairs (If Any):

- I. Membership Development Committee
- II. Industry Relations Committee
- III. Young Professionals Committee
- IV. Women in Engineering Committee
- V. Humanitarian Technology Activity Committee
- VI. Educational Activities Committee
- VII. Student Activities Committee
- VIII. Publications and Section History Committee
- IX. Electronic Communication Activities Committee
- X. SIGHT Activities

A/I-7. Date and Venue of Next EC Meeting

A/I-8. Any Other Agenda Item(s) - with the permission of the Chair.

[CLICK HERE FOR MORE DETAILS](#)

EX-COM MEETING

MEETING MINUTES

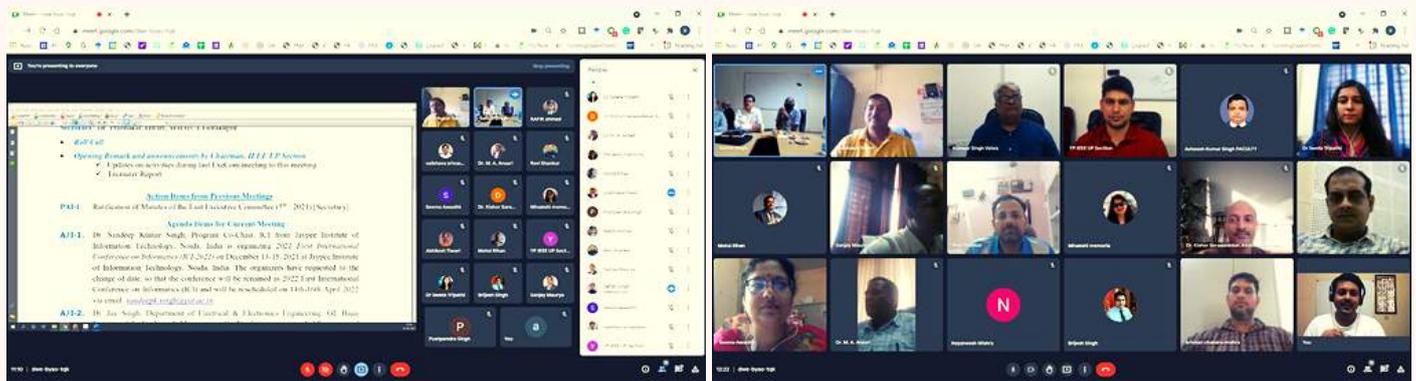
Meeting Detail: 9th /2021 Executive Committee Meeting

Venue: Hybrid Mode (Online/Face-to-face): GCET, Greater Noida

Date: December 18, 2021 (Saturday)

On Role of Chairperson: Dr. Satish K. Singh, IIIT Allahabad

On Role of Secretary: Dr. Prabhakar Tiwari, MMMUT Gorakhpur



OPENING REMARK BY CHAIRMAN, IEEE UP SECTION

- Welcome of members of Executive Committee-2021 to 9th AGM of IEEE UP Section
- Updates on activities during the last meeting to this meeting.
- Vision and Mission for 2021
- Goals (Student-Branched/Chapters, Section-Chapters, Membership Retention/ Addition/ Elevation, OUIOProgram, Industry Connect Cell, Industry-Academia Meet, More Awards and Recognitions, StTravel/ StRR/ StIntern/ StCFair Programs, OU Reporting & Funding Programs, Financially Sponsored Conferences, Distinguished Academia / Industry Speaker Program, IEEE/Women/Humanitarian/Engineers/Environment/Earth/ Day Celebrations, SIGHT/YP/WIE Projects Funding)
- Roles & Responsibilities of Various Committees and Subcommittees
- Committee Details.

EX-COM MEETING

AGENDA ITEMS MEETING

A/I-1. [Deferred 8th/A/I-4] Approval of Activity-based incentive award rank list and awards. via email: ankity@iitk.ac.in.

A/I-2. Prof. Ekram Khan, Chairman Department of Electronics Engineering, Aligarh Muslim University, Department of Electronics Engineering, Aligarh Muslim University is organizing "International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT 2022)" on Nov 26-27, 2022 at Department of Electronics Engineering, Aligarh Muslim University. The organizers have requested for Financial & Technical Co-sponsorship and paper upload to IEEE Xplore for the event. The organizers have also applied for seed money of Rs. 100000/- via email: ekhan.el@amu.ac.in

A/I-3. Dr. Jitendra Mohan. Department of Electronics and Communication Engineering, Jaypee Institute of Information Technology (JIIT), Noida, is planning to organize Page 2 of 3 8th International Conference on Signal Processing and Communication 2022 (ICSC 2022) from December 01-03, 2022 at JIIT Noida. The organizers have requested for Technical Co-sponsorship and paper upload to IEEE Xplore for the event via email: jitendra.mohan@ieee.org

A/I-4. Prof. (Dr.) Ajay Rana, Vice-Chancellor, Shobhit University, Meerut is organizing "5th International Conference on Contemporary Computing and Informatics (IC3I)" on August 26-27, 2022 at SIET Modipuram, Meerut. The organizers have requested for Technical Co-sponsorship and paper upload to IEEE Xplore for the event via email: ajayrana@shobhituniversity.ac.in.

A/I-5. Dr. Manoj Diwakar, Dept of Computer Science and Engineering in association with the Department of Electrical Engineering, Graphic Era Deemed University, Dehradun, Uttarakhand, are organizing "2nd International Conference on Innovative Sustainable Computational Technologies (CISCT-2022)" on December 23-24, 2022 at GEU, Dehradun, Uttarakhand, India. The organizers have requested for Technical Co-sponsorship and paper upload to IEEE Xplore for the event via email: dr.manojdiwakar@geu.ac.in.

A/I-6. Dr. R K Dwivedi, Professor & Director, Faculty of Engineering, TMU Moradabad, is proposing to organize the "11th International Conference on System Modeling & Advancement in Research Trends (SMART) Dec 09-10, 2022" at TMU Moradabad. The organizers have requested for financial sponsorship with the upload of the papers to IEEE Xplore, via email: principal.computers@tmu.ac.in.

A/I-7. Dr. Richa Negi, Professor, EED, MNNIT Allahabad, is proposing to organize the 5th International Conference on Power, Control & Embedded Systems (5th ICPCES-2023)", to be scheduled from 6-8 Jan 2023. This event is proposed to be co-sponsored by the IEEE Joint Society Chapter of IE/PEL/CS and technically sponsored by the IEEE UP Section. The organizers have requested for sponsorship with the upload of the papers to IEEE Xplore. The organizers have requested also to waive off the "IEEE TCS (USD 1000)" & "Paper Upload Fee (@USD 15 Per Paper), via email: richa@mnnit.ac.in

A/I-8. Declaration of IEEE UP Section Office bearers 2022 by nomination committee chair.

A/I-9. Updates on UPCON 2021 and UPCON 2022

A/I-10. Presentation of updates on action by different Committee Chairs.

I. Membership Development Committee

II. Professional Activity Committee

III. Industry Relations Committee

IV. Young Professionals Committee

V. Women in Engineering Committee

VI. Humanitarian Technology Activity Committee

VII. Educational Activities Committee

VIII. Student Activities Committee

IX. Publications and Section History Committee

X. Electronic Communication Activities Committee

XI. SIGHT Activities

A/I-11. Date and Venue of Next EC Meeting and AGM

A/I-12. Any Other Agenda Item(s) - with the permission of the Chair.

[CLICK HERE FOR MORE DETAILS](#)

YP STAR OF THE MONTH - JUNE

Dr. Gaurav Verma

IEEE U.P. Section Young Professional Star of the Month -June



Dr. Gaurav Verma has been selected IEEE Uttar Pradesh Section Young Professional Star Award for the month of June 2021. We congratulate Dr. Gaurav Verma, IIIT Noida, UP for the achievement. His perception about the IEEE, society and young professionals are reflected in this discussion. Here are the excerpts of the interview with Gaurav Verma made by Sumit Kumar Tiwari, IEEE UP Section Young Professionals Committee member.

About Dr. Gaurav Verma

Dr. Gaurav Verma received B. Tech., M. Tech., and Ph.D. degrees in Electronics and Communication engineering in 2005, 2012, and 2018 respectively. He has done his B.Tech. from COER (U. P. Technical University), M.Tech. from IIT Kharagpur and Ph.D from Jaypee University, Noida. In addition to that he has also acquired a MBA degree in marketing management from IMTDOLI, Ghaziabad in 2008. Since 2013, Dr. Gaurav Verma is working as an Assistant Professor (Senior Grade) and Head of Research Group (IOT, Embedded & AI) in the department of Electronics & Communication Engineering, Jaypee Institute of Information Technology, Sector-62 campus, Noida (UP), India. He has started his career as a trainer in VLSI and embedded domain at CIPL, Noida in 2005 and promoted to the position of Assistant Manager in just 2 years. From 2007 to 2013, he has served at different engineering colleges at different positions like DBIT, Dehradun (2007-2008), DIT Dehradun, (2008-2010) and VIT, Greater Noida (2012-2013). He has around 15 years of experience in training, teaching, research and administration. He has multi-disciplinary ability in teaching and training latest technologies. His current research focuses on development of IOT & Embedded based solutions for the benefit of society and power estimation of FPGA Implementations using Machine Learning. He is an active researcher with around 25 publications in reputed SCI & SCOPUS journals and around 40 publications in conferences of IEEE & Springer repute. He has also authored a book on Embedded System Design for students and published more than 5 book chapters in springer. He is a senior member of IEEE and also served as a TPC member, session chair and keynote speaker in some of the reputed conferences in India and abroad. He is also serving as a member of Website and Portal Management Sub-Committee, IEEE UP Section (R-10), India, as an editor, advisor, and a reviewer of several well-known international journals published by IEEE, Taylor & Francis, Springer, and Elsevier. He has also awarded with the Best Doctoral Thesis award in RACE-2019 at Kasetsart University, Bangkok, Thailand.

YP STAR OF THE MONTH - JUNE

1. What are your words of motivation?

The only key to success is the hard work. There is no shortcut to get the success. There are always ups and downs in life. However, we should be more focussed in down times and keep trying again and again. As what I experienced is patience is important when things are not going according to your way.

2. What was the specific reason, if any, which made you, join IEEE?

IEEE is one of the oldest and largest research societies. I am an electronics engineer and very much fascinated about the research and innovations happening in this area. IEEE provides the right platform to showcase your research along with huge repository support of conference papers and articles. Moreover, it provides the opportunity to interact and connect with the learned researchers in your area.

3. As a Young Professional, how do you position your interest in your own field with the activities and services you perform as an IEEE member/ volunteer?

I have joined IEEE in 2008, when I was serving at DIT University, Dehradun. Actually, there was IEEE student chapter and I was given the responsibility to conduct various activities under it. Later on, I had attended various conferences as a student member of IEEE during my post-graduation at IIT Kharagpur, Kolkata section and understood its importance. Further, I started IEEE student branch at JIIT Noida as graduate and served around 5 years. serving as a member of Website and Portal Management Sub-Committee, IEEE UP Section (R-10), India, as an editor, advisor, and a reviewer of several well-known international journals published by IEEE

4. What are your thoughts about IEEE membership and its paybacks? Whether the IEEE membership benefited you at any time in your career growth? If so, how?

IEEE membership have various tangible and in tangible benefits. It provides you the opportunity of networking with the people who are working in your research area. You can get discounts on registration fees for attending events sponsored by IEEE. You would have the opportunity to read some paid articles free and remains get updated by the new happenings through newsletter subscription. You would get a chance serve in various committees once you reach at the senior member level. These are some of the benefits that I personally got and helps in my career growth.

5. As a Young Professional, what are the changes or developments you would like to see in evolving this professional body as a group devoted to humanity and its causes?

The innovation and incubation is the key development that I would to see in evolving IEEE. Through innovative ideas, we can provide solutions of various problems devoted to humanities related to health, automation, pollution, harvesting etc.

YP STAR OF THE MONTH - JUNE

6. What are your suggestions and recommendations for those young professionals who may aspire to join IEEE?

IEEE is the best platform which provides various types of memberships as per your requirement. Initially, you may start with student membership and understand the policies, benefits and protocols. Later on, you may join as graduate member as you would develop interest and understood its importance.

7. As a Young Professional and a young researcher in the field, how do you consider the prospects of scientific research in this field for the benefit of humanity?

The evolving technologies have led the engineers to develop solutions for benefits of humanities. Whether it is related to home automation, smart health solutions, smart transportation, smart irrigation, smart rain water harvesting, smart agriculture or in a broader sense smart cities or villages. The IEEE provides the platform to engineers to identify the research problems and mould their solutions through its huge repository support of journals and conference papers.

8. What is your recent exciting research works that may have significant societal impact?

My current research focuses on development of IOT & Embedded based solutions for the benefit of society and power estimation of FPGA Implementations using Machine Learning. I have worked on several societal problems like I have filed a patent on "A Wearable Smart Health Monitoring Device for Covid-19 patients, developed published research articles on "Low Cost Smart Ground System for Rainwater Harvesting for Indian Houses Using IoT Technology" ,"Electricity Theft Detection and Localization in Smart Grids for Industry 4.0" and "Vehicle Pollution Monitoring, Control and Challan System Using MQ2 Sensor Based on Internet of Things".

9. What's the advice you would give to a young professional who is just starting his/ her career?

My advice to young professionals is to think about innovation and innovative ideas. Become job creator's not just job seekers.

10. Anything else that you would like to add?

It is indeed an honor and I would like to thank the IEEE Uttar Pradesh section young professional committee to consider me worthy of this award.

YP STAR OF THE MONTH - JULY

Dr. Girish Chandra Tripathi

IEEE U.P. Section Young Professional Star of the Month -July



Dr. Girish Chandra Tripathi has been selected IEEE Uttar Pradesh Section Young Professional Star Award for the month of July 2021. We congratulate Dr. Girish Chandra Tripathi for the achievement. His perception about the IEEE, society, and young professionals are reflected in this discussion. Here are the excerpts of the interview with G. C. Tripathi made by Varun Kumar Kakar, IEEE UP Section Young Professionals Committee Chair.

About Dr. Girish Chandra Tripathi

Dr. Girish Chandra Tripathi received the B.Tech. Degree in Electronics and Communication Engineering from Dr. A.P.J. Abdul Kalam Technical University (UPTU), in 2011, M.Tech, and a Ph.D. degree in electronics and communication engineering from Indian Institute of Technology Roorkee, Uttarakhand, India in 2016 and February 2021, respectively. From 2011 to 2014, he was a lecturer in the Department of ECE, BSA College of Engineering and Technology Mathura. Moreover, he worked on research projects sponsored by different government organizations as “Hybrid (RF/Digital) Pre-Distortion Linearizer Design for 13.75-14.5 GHz High Power Travelling Wave Tube Amplifier” sponsored by DRDO and other companies during his research at IIT Roorkee. During his Ph.D., he worked as a Teaching Assistant for the NPTEL online certification course on “Basics of software-defined Radios and Practical Applications” for three consecutive years 2018,2019, 2020. He also worked as a teaching assistant for a training program on “Linearized Power Amplifier” in Bharat Electronics Limited, Bangalore, and GIAN Course “Signal Processing Techniques for Energy and Spectrum Efficient Wireless Transmitters for 4G/5G Communication. He was instructor and Coordinator for the training Program on “Basics of Software Defined Radio Architectures and Building blocks of SDR waveform development for SDR “in Bharat Electronics Limited, Bangalore, in 2019, 2020, 2021.

Having focused on product development, he co-founded a company where his research has been extensively utilized to support Power Amplifier Linearization (Digital Predistortion and Analog Predistortion) and Harmonic cancellation for 4G and 5G communication. He is also developing Software-Defined Radios for clients and identifying new products, including collaboration with different stakeholders.

He has published more than twenty-three journal/conference papers of repute and applied for two Indian patents that are under examination. He received the Excellence in Doctoral Research Award for outstanding Ph.D. work (SOFTWARE-DEFINED-SOLUTIONS FOR NONLINEARITIES IN SUB

YP STAR OF THE MONTH - JULY

6 GHZ TO mmWAVE TRANSMITTERS) from the Indian Institute of Technology, Roorkee, India, at Convocation 2021. He also received Young Scientist Award in the 12th Uttarakhand State Science and Technology Congress, IASC-INSA-NASI Summer Research Fellowship-2014, best student paper award in UPCON-2019, and IIT Roorkee Alumni fund Grant to attend the APMC-2019 conference in Singapore.

His current research interest is in software-defined radio, linearization of RF-power amplifiers for 4G/5G Communication, and Electronic warfare systems design.

1. What are your words of motivation?

If we have the right skills and patience, we can achieve whatever we want.

2. What was the specific reason, if any, which made you, join IEEE?

I initially joined the IEEE to get a discount on the conference paper registration during my Master's, but later on, I realized the potential of IEEE membership, including its global reach and networking; hence I have been an IEEE member for the past eight years.

3. As a Young Professional, how do you position your interest in your own field with the activities and services you perform as an IEEE member/ volunteer?

As an IEEE member, I participated in conferences and workshops sponsored by IEEE as a volunteer. I was the secretary of IEEE Communication society IIT Roorkee during my student life. Since the field of engineering is rapidly changing, we have to adapt quickly, where IEEE plays a crucial role.

4. What are your thoughts about IEEE membership and its paybacks? Whether the IEEE membership benefited you at any time in your career growth? If so, how?

The IEEE membership provides me benefits in my early career to reduce registration rate in workshops and conferences. Moreover, it was also helpful in providing travel support in conferences and applying student projects. IEEE has a vast database that supported me in my research career.

5. As a Young Professional, what are the changes or developments you would like to see in evolving this professional body as a group devoted to humanity and its causes?

I have seen that there has been significant growth in the IEEE UP section over the past few years. In my opinion, more workshops on emerging technologies like AI/ML, BlockChain, Open RAN, Industry 4.0, etc., can be conducted by practicing Young professionals to budding Young professionals to succeed in their industrial journey.

YP STAR OF THE MONTH - JULY

6. What are your suggestions and recommendations for those young professionals who may aspire to join IEEE?

I recommend joining IEEE as early as possible because it will provide ample networking opportunities with fellow members and senior member's support. Moreover, you will be get updated in your research area by connecting with relevant persons.

7. As a Young Professional and a young researcher in the field, how do you consider the prospects of scientific research in this field for the benefit of humanity?

Scientific research is a vital tool for solving our complex real-world problems, and these problems may not be limited to a particular research area. Hence to solve such problems, collaboration is required between different stakeholders. As we have seen in the case of COVID, researchers from several fields have collaborated to provide masks, ventilators, and testing kits, etc.

8. What is your recent exciting research works that may have significant societal impact?

I am working in the 5G and instrumentation domain. I recently developed a system to upgrade a sub 6 GHz vector signal generator to a mmWave vector generator with reduced cost and good accuracy. This will help the academics and MSME industries since they can not afford the higher cost of measurement.

9. What's the advice you would give to a young professional who is just starting his/ her career?

I want to suggest that young professionals bring a product mindset while starting their work because it will help in product creation and value addition to the society. Nowadays the government is also supportive of indigenous products; hence it is the right time to start and accomplish your goal.

10. Anything else that you would like to add?

I am thankful to the IEEE UP Section and all office bearers to recognize me for the IEEE UP Section Young Professional Star of the Month (July 2021).

YP STAR OF THE MONTH - AUGUST

Dr. Priya Ranjan Muduli

IEEE U.P. Section Young Professional Star of the Month -August



Dr. Priya Ranjan Muduli has been selected IEEE Uttar Pradesh Section Young Professional Star Award for the month of August 2021. We congratulate Dr. Priya Ranjan Muduli, IIT BHU, UP for the achievement. His perception about the IEEE, society and young professionals are reflected in this discussion. Here are the excerpts of the interview with Priya Ranjan Muduli made by Varun Kumar Kakar, IEEE UP Section Young Professionals Committee Chair.

About Dr. Priya Ranjan Muduli

Dr. Priya Ranjan Muduli completed his Ph.D. in Signal Processing from the Department of Electrical Engineering, Indian Institute of Technology Kharagpur, India, in 2019. Since 2020, he is with the Department of Electronics Engineering, Indian Institute of Technology (BHU), India as a faculty member. Dr. Muduli received the National Post-Doctoral Fellowship, SERB, India, in 2020. The broad research areas of Dr. Muduli are Signal Processing, Communications, Instrumentation, and Machine Learning. He is a silver medallist from the National Institute of Technology, Rourkela. He had received the outstanding reviewer award from IEEE I&M society in 2019. He is an Associate Editor of IEEE Transactions on Instrumentation and Measurement and a reviewer of several other IEEE journals.

1. What are your words of motivation?

Technology is evolving day by day. Stay tuned with state-of-the-art. If future generations are to remember us more with gratitude, we must achieve more than just the miracles of technology. The technology you use impresses no one; however, the experience you create with it is meaningful. Therefore, I urge everyone to stay focused, motivated, and work hard to achieve their dreams. Always attempt to address the root-level societal and technological issues. Using state-of-the-art technology, build indigenous products and make our country self-reliant. Remember everything you ever wanted is one step outside your comfort zone. Never stop learning, because life never stops teaching.

2. What was the specific reason, if any, which made you, join IEEE?

I joined IEEE in 2013 during my doctoral study. As we know IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. Through

YP STAR OF THE MONTH - AUGUST

various social and technological activities, IEEE provides us with a great learning platform to grow and help our research community by leveraging our technical skills. Furthermore, IEEE connects us with the world through various international events and networking programs. These are some of the motivations for me to join IEEE.

3. As a Young Professional, how do you position your interest in your own field with the activities and services you perform as an IEEE member/ volunteer?

As a researcher and active member of IEEE, I have been working on developing state-of-the-art technology to solve various real-world engineering problems. My current research work includes Sparse Signal Processing, Wireless Communication, Image Processing, Biomedical Signal Processing, Instrumentation, and Machine Learning. As a young professional, I am still learning and trying to serve the world via various IEEE sponsored programs. My journey with IEEE started during my doctoral study with a tree plantation and blood donation program organized by the IEEE Kharagpur section. I have been an integral part of many social and technological activities sponsored by IEEE. Furthermore, I participate in a free medical treatment camp for poor villagers organized by IEEE Engineering in Medicine and Biology Society. We conduct technical short-term courses and training programs for the interdisciplinary students, enhancing their vision and goal towards advancing technology. I have served as the Vice-chair and treasurer for the IEEE-EMB society from 2015-2018. Furthermore, I was the publication chair and TPC member in IEEE TechSym-2016. I serve as a reviewer of several IEEE Journals and IEEE sponsored conference proceedings. Currently, I am an associate editor of IEEE Transactions on Instrumentation and Measurements. These are some of the voluntary services I take up to support and enrich society.

4. What are your thoughts about IEEE membership and its paybacks? Whether the IEEE membership benefited you at any time in your career growth? If so, how?

As I mentioned earlier, IEEE has been a supporting platform for me in enhancing my knowledge and technical skill through various distinguished lecture programs and expert talks. Furthermore, IEEE membership benefited me with various recognition, accolades, and travel grants for attending conferences at the national and international levels. The international collaboration and networking program is truly beneficial. The IEEE newsletters and research articles keep me updated with technology and help in evolving my research domain.

5. As a Young Professional, what are the changes or developments you would like to see in evolving this professional body as a group devoted to humanity and its causes?

I think the young professionals associated with the IEEE are doing great in advancing technology.

YP STAR OF THE MONTH - AUGUST

The IEEE-sponsored social activities are devoted to humanity as well. I thank the IEEE volunteer, members, and the organization for their continuous support during the pandemic due to Covid 19. Furthermore, I urge young professionals to participate more in various social activities sponsored by IEEE. The health insurance schemes of IEEE are really helpful for the members of this professional body.

6. What are your suggestions and recommendations for those young professionals who may aspire to join IEEE?

IEEE is a big pool of talented young professionals. I think motivation and dedication are two key factors for the growth of an individual and an organization as well. As we know IEEE is a great learning platform, which nurtures various chapters under the same umbrella. As a young professional, I have been an integral part of various social and technological activities sponsored by IEEE, including technical short-term courses, industrial training programs for interdisciplinary research students, and social activities in rural India. These activities continue to foster a passion to help our community by leveraging our technical skills. Furthermore, the IEEE provides young professionals a recognition at the international level. The IEEE timely acknowledges the contributions of the volunteers and members, and young professionals to keep them motivated for mutual growth. Therefore, I urge everyone to join IEEE, which is dedicated to serving humanity.

7. As a Young Professional and a young researcher in the field, how do you consider the prospects of scientific research in this field for the benefit of humanity?

As young professionals, we should be always committed to serving society by developing new technology. As the societal requirements are interdisciplinary, collaborative research work with industries and academia may help address the major issues. By developing indigenous products, we can be self-reliant and economically affluent. In this regard, I think IEEE provides all kinds of technical support and is a great platform for young professionals.

8. What is your recent exciting research works that may have significant societal impact?

I have been working on Data Analytics and Predictive Technologies (DAPT). Indian Institute of Technology (BHU) has chosen five verticals to work with the use of DAPT. The verticals are 1. Roads Transport and Highways, 2. Power, 3. Telecommunication, 4. Defence, 5. Health and Family Welfare. In each of these thrust areas, signal processing, and machine learning play a vital role. It essentially leads towards the development of smart cities in India. As we know, the Technology-driven system is one of the pillars of self-reliant India; my research contributions may be helpful in this regard. In the healthcare domain, I have developed several prototypes, including a low-cost pulse oximeter and

YP STAR OF THE MONTH - AUGUST

Holter monitor for the rural healthcare system.

9. What's the advice you would give to a young professional who is just starting his/ her career?

The young professionals (YPs) play a vital role in the growth of an IEEE section. I truly appreciate the IEEE UP section for its support to the YPs in terms of various accolades, like the star of the month, and other technical positions. The YPs can work on creating a bridge between the section, and international research communities through various collaboration programs. The programs should be modulated by members' technical requirements. We should improve volunteers' visibility into the development and operation of IEEE services. The section ensures fair participation from different groups of IEEE. The YPs can establish volunteer academy industry awareness, member engagement, and retraining programs through the IEEE Learning Network (ILN) and IEEE Academy.

10. Anything else that you would like to add?

I am thankful to the Chair, IEEE Uttar Pradesh section, the young professional committee members, and all office bearers for this award.

YP STAR OF THE MONTH - SEPTEMBER

Dr. Rajeev Kumar Chauhan

IEEE U.P. Section Young Professional Star of the Month-September



Dr. Rajeev Kumar Chauhan has been selected IEEE Uttar Pradesh Section Young Professional Star for the month of September 2021. We congratulate Dr. Rajeev Kumar Chauhan, DEI, Agra UP for the achievement. His perception about the IEEE, society and young professionals are reflected in this discussion. Here are the excerpts of the interview with Rajeev Kumar Chauhan made by Kamlesh Singh, IEEE UP Section Young Professionals Committee member.

About Dr. Rajeev Kumar Chauhan

Dr. Rajeev Kumar Chauhan (M'10-SM'15) graduated in Electrical Engineering from The Institution of Engineers (India). He received his M. Tech degree in Control and Instrumentation Engineering from Dr. B. R. Ambedkar National Institute of Technology Jalandhar, India and PhD from School of Computing and Electrical Engineering at Indian Institute of Technology Mandi, India. Presently he is working as Assistant Professor with the Department of Electrical Engineering, Dayalbagh Educational Institute (Deemed University), Agra, India. Dr. Chauhan received dozen award and fellowships such as POSOCO Power system Award (PPSA-2017) and Best Ph.D. Thesis Award to recognize and reward innovative technical research excellence in power system. He has also received 2nd prize (Category Energy) in IEEE IAS CMD Humanitarian project contest 2017 for his project DC Micro-grid for Residential Buildings. He also received Bhaskara Advanced Solar Energy (BASE-2014) Award, for his research proposal in the area of DC microgrid from Department of Science and Technology, Indo-US Science and Technology Forum, and Government of India. He is a lecturer of IAS Young Professional and CMD Alumni. Dr. Chauhan is a Counselor for IEEE student branch and Advisor for WIE affinity group and IAS Student Chapter at Dayalbagh Educational Institute (Deemed to be University), Agra, India. He is also a Member of Project Panel at The Institution of Engineers (India), Kolkata. He is also an expert to evaluate project proposals in Electrical Engineering at Marwadi University, Rajkot, Gujrat. Dr. Chauhan has worked as an Assistant Professor (Senior Grade) at the Galgotias College of Engineering and Technology Greater Noida, India (July 2017-December 2019). Dr. Chauhan has worked as a Research Scientist (Dec 2018-April 2019) in the school of Electrical and Electronic Engineering, University of Manchester, UK. He has also worked as Visiting Scientist (July 2014-October 2014) in the Center for Electromechanics at the University of Texas at Austin, USA.

YP STAR OF THE MONTH - SEPTEMBER

He was with Department of Electrical and Electronics Engineering at Roorkee Institute of Technology Roorkee as Assistant Professor (2011-12). He has also worked as Senior Lecturer with Department of Control and Instrumentation Engineering, Galgotias College of Engineering and Technology Greater Noida (2010-11) and as a Lecturer with Department of Electrical and Electronics engineering at Krishna Engineering College Ghaziabad (2009-10). He has been Editor of 3 books (01 IET, 02 Elsevier) and author of 14 book chapters. Moreover, He has been authoring of 50 plus research papers including 18 publications in international journals, 21 publications in conference proceedings. He has been filed and published 04 patents in India. He has 2 sponsored projects of grant more than 1.3 million rupees. While he has completed two consultancy project "investigation of 132 KV GIS Sub-station Fatehpur Sikri" and "Inspection of 132 KV GIS Bay and 132 KV transmission line Achhnera" for Uttar Pradesh Power Transmission Corporation Limited (UPPTCL) in 2020 and 2021 respectively. He also is handling consultancy project investigation of 132 KV GIS Sub-Station Bay and 132 KV Transmissions project for the UPPTCL. He has a project funding of one million rupees from Government of India for his project Smart Energy Management System for Solar-Hydro-Battery based Microgrid to Empower Future Low-Carbon Indian Society. He has also received the institute funding for his project Real Time Battery Monitoring System. He has developed a Video lecture series on Digital Logic Design under MOOCS Initiative of the Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow. His research interests include DC micro-grid and grid integration of renewable energy sources, Electric vehicles and charging stations, SCADA System, Industrial Automation and Control, Smart Grid. He is a senior member of Institute of Electrical and Electronics Engineers (IEEE), Member of The Institution of Engineers (India), International Association of Engineers (IAENG) Hong Kong, International Association of Computer Science and Information Technology (ICASIT) Singapore, Institute of Doctors Engineers and Scientists (IDES). He is an Editor of Electronics Science Technology and Application, Member of Scientific Committee, International Engineering and Natural Science Conference (IENSC2018) held on November 14-17, 2018 in Diyarbakir, Turkey. TPC Member, The International Conference on Energy Engineering and Environmental Protection (EEEP2017) held on December 15th-17th, 2017 in Guangzhou, China. TPC Member, the 3rd International Conference on Advances in Energy Resources and Environment Engineering (ICAEESEE 2017) held on December 8-10, 2017 in Harbin, China. He has served as Jury Member in Internal Smart India Hackathon held in IET Agra and DEI Agra. He is a Reviewer for the reputed journal societies like IEEE, Elsevier and Springer.

YP STAR OF THE MONTH - SEPTEMBER

1. What are your words of motivation?

My childhood is from a rural area, which is far from the school and colleges. It was taking hours to reach my school. Limited access of electricity and other essential facilities were the main issue at that time. As per my believe, do not see the easy approaching facilities around you but see the opportunities through which you can achieve your target.

2. What was the specific reason, if any, which made you, join IEEE?

I have joined my first IEEE membership during my PhD at IIT Mandi. There was already an IEEE student branch. I was motivated by the activities going on there. I realise if I need to explore and maintain consistency in my area of research than IEEE will help me a lot. So from that day I was involved with IEEE.

3. As a Young Professional, how do you position your interest in your own field with the activities and services you perform as an IEEE member/ volunteer?

As a Young Professional, I am able to increase my professional network with technical activities through IEEE as IEEE member/volunteer, experiencing novel activities also. I have also joined other IEEE societies. Currently working as IEEE student branch counsellor, an advisor of IAS chapter and WiE Affinity Group at Dayalbagh Educational Institute Agra. As an IEEE member I am serving as the reviewer of some of the IEEE journals. I am also serving as Technical Speaker for IAS CMD Alumni.

4. What are your thoughts about IEEE membership and its paybacks? Whether the IEEE membership benefited you at any time in your career growth? If so, how?

As per my thoughts, IEEE membership creates a silver path for technical persons to enter in the professional network practically. Its paybacks are in the form of involvement in various activities, awareness about recent technologies, approaching platform to the experienced professionals and in the form of various awards for encouragement. I have got master's and PhD Student Support Grant, IEEE PES ISGT Asia 2015 and AMTGP Travel Award, To attend the IEEE IAS Annual Meeting 2017. I have got 2nd prize (Category Energy) in IEEE IAS CMD Humanitarian project contest 2017 for my project DC Micro-grid for Residential Buildings. I have also received Best Ph.D. Thesis Award in IEEE UP CON-2017. My students' team won the First Prize for "Design of Droop Control Based Real-Time Battery Management System for Automated DC Microgrid," in IEEE IAS CMD Myron Zucker Undergraduate Student Design Contest 2019, Baltimore, Maryland, United States. My one student also received 2nd prize for his project Idea "Self Sustainable Green House" in Green Cover Competition organized by IEEE Student Branch at Central University of Haryana, Mahendargarh held on 5th September 2021.

YP STAR OF THE MONTH - SEPTEMBER

5. As a Young Professional, what are the changes or developments you would like to see in evolving this professional body as a group devoted to humanity and its causes?

I would like that there should be awareness about getting opportunities to organise the IEEE conferences. Some good standing branches and institutes are not getting opportunities to organise the reputed IEEE conferences. Also, there should be combined strength in IEEE branches in India to receive maximum IEEE awards and grants.

6. What are your suggestions and recommendations for those young professionals who may aspire to join IEEE?

My suggestions and recommendations for young professionals who may aspire to join the IEEE are not to just take the membership as a membership tag. But take it as an advantage of involving in the professional world and activities. Take it as an opportunity to explore your ideas globally and to shape your doings in a directed way.

7. As a Young Professional and a young researcher in the field, how do you consider the prospects of scientific research in this field for the benefit of humanity?

In India students having capability to do the experiments which are useful, but they generally have no directions and rewards of doing so. Such societies increase their confidence of doing things. There are lots of opportunities in our India which young mind can observe and can implement them for the facility of the humanity.

8. What is your recent exciting research works that may have significant societal impact?

My work is on the multiterminal DC microgrid for rural area. This system opens the integration opportunities for renewable energy resources and electrical vehicles at power distribution in rural areas and urban. Moreover, the output of the work is in the form of the un-interrupted power supply at low cost and high efficiency.

9. What's the advice you would give to a young professional who is just starting his/her career?

As an IEEE young professional my suggestions to the early career young professionals is to get involved with the IEEE and start it by taking the IEEE membership. Explore the benefits of this by attending the awareness events of IEEE.

10. Anything else that you would like to add?

I would like to say thanks to IEEE UP section to offering such IEEE awards. These awards encourage the professionals to do more work for the society.

AWARD WINNER

IEEE UP SECTION STUDENT BRANCH ACTIVITY BASED INCENTIVE AWARD 2021

BABU BANARASI DAS
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

IEEE BBDITM
Student Branch

CONGRATULATIONS
ON WINNING, THE MOST ACTIVITY
BASED REWARD AMONG
100+ BRANCHES
IN THE THE IEEE UP SECTION

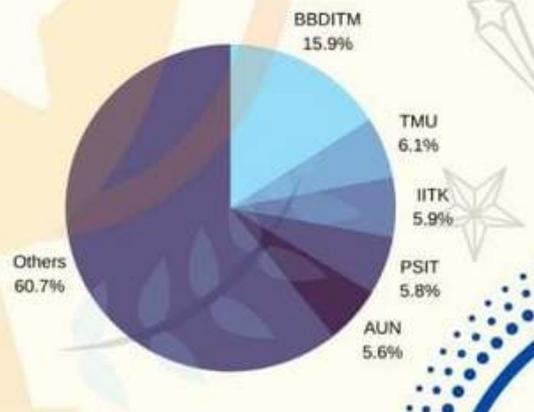
IEEE
UP SECTION (INDIA)

Activity-based Incentive Award - 2021

<u>Rank</u>	<u>IEEE Student Branch Code and Name</u>	<u>Events</u>	<u>Prize</u>	<u>Award Money</u>
1	STB10214- Babu Banarasi Das Inst of Tech & Mgmt	113	1st Prize	Rs. 5000/-
2	STB15123- Teerthanker Mahaveer University	43	2nd Prize	Rs. 3000/-
3	STB05261- Indian Inst of Technology-Kanpur	42	3rd Prize	Rs. 2000/-
4	STB14028- Pranveer Singh Institute of Technology	41	3rd Prize	Rs. 2000/-
5	STB07271- Amity University-Noida	40	3rd Prize	Rs. 2000/-

Note- The number of events of a student branch (STB) includes all activities reported by all the student branch chapters (SBCs) and student branch affinity chapters (SBAs) of the particular STB.

Duration - 1st Nov 2020 to 31st Oct 2021 (event reported till 31st Oct 2021).



Nayaneesh Mishra **Dr. Prabhakar Tiwari**
SSR, IEEE UP Section Secretary, IEEE UP Section

EVENTS OF STUDENT BRANCHES

IEEE BBDITM,LUCKNOW



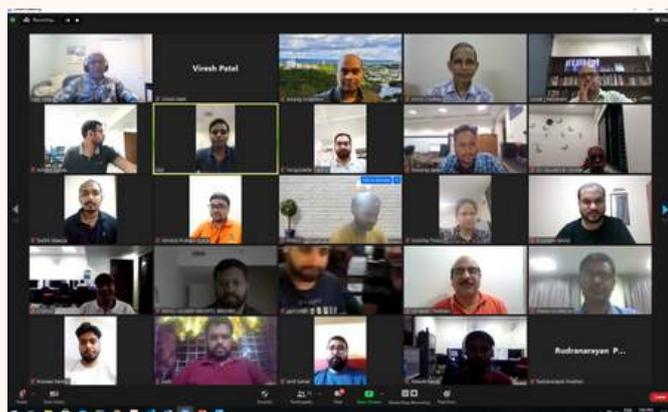
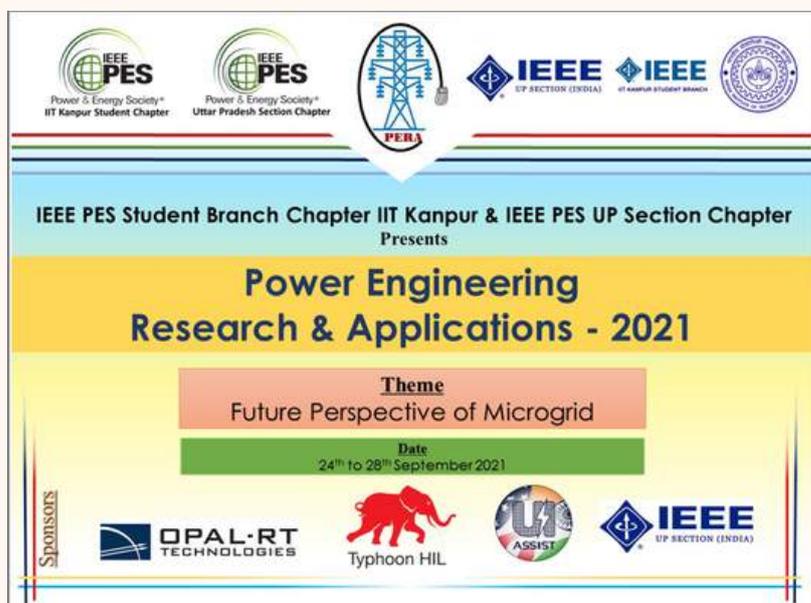
ANNUAL GENERAL MEETING

AGENDA

- An “Annual General Meeting (2021)” was organized by IEEE BBDITM STB which is held in the college in an offline mode on December 20,2021.
- The main objective of the meeting was to honor all the members of the student branch of IEEE BBDITM who has given their contribution and their time throughout the year (2021) which led to many achievements by our student branch another objective is to appoint new members for the BBDITM STB and all the respective societies.
- Certificates and awards are provided to the members of student branch of 2021 for their immense contribution throughout the year and the batches were provided to the new members of student branch executive committee of 2022, these all things were completed under the guidance of our Chief Advisor and Branch Counselor.
- The overall session included the expert lecture of Dr. SS CHAUHAN our chief advisor and Dr. SATISH KUMAR SINGH the chair person of IEEE UP SECTION.
- The event covered in the meeting was “Annual Award Ceremony & the appointment of New Office Bearers”.
- AGM is conducted to let the new members know about the past performance and future strategies of the IEEE. During the AGM, section award and certificate distribution for best chair person, society chair, vice chair, secretary, treasurer, web master and joint secretary of last year.

EVENTS OF STUDENT BRANCHES

Indian Institute of Technology, Kanpur



POWER ENGINEERING RESEARCH AND APPLICATIONS (PERA21)

AGENDA

PERA21 is the second edition of the flagship event PERA (Power Engineering Research and Applications) jointly organized by the IEEE PES SBC of IIT Kanpur and IEEE PES UP Section Chapter from 24th to 26th September 2021. This time it was organised virtually via Zoom platform. It was supported by the IEEE UP Section and IEEE Student Branch of IIT Kanpur. The financial sponsors for this event were the IEEE UP Section, Quabz Info Systems and Opal-RT Technologies. This year's theme was "Future Perspective of Microgrid" that covered several present-day and future challenges related to the microgrid, including the challenges with renewable integration, Digital Energy Transformation, the emerging challenges faced in the area of microgrids, hardware-in-loop simulation project using a Real-Time Digital Simulator, Typhoon and Opal-RT. The lectures were delivered by prominent researchers around the world, including Prof. S. C. Srivastava, Prof. Anamika Dubey, Prof. Sairaj Dhople, Prof. S. N. Singh, Dr. Stratis Batzelis, Prof. Mukesh Nagpal, and Prof. Anurag Srivastava. Finally, a panel discussion was also organized, whose panel members were Prof. A. K. Pradhan, Prof. Vijay Vittal, and Prof. Saikat Chakrabarti that provided an excellent panel discussion and their analysis of various aspects of microgrids, including stability, control, and protection. The workshop was managed entirely by student volunteers and a total of 108 participants from approximately 30 different institutes, including IITs, NITs, Universities, and Private Institutes participated. There were some industrial sessions from Typhoon HIL, Siemens and OpalRT Technologies. Apart from technical sessions a dedicated talk to introduction of IEEE UP Section and IEEE Power and Energy Society were also scheduled. All the sessions were appraised by all the participants. It was a quite informative events for all the IEEE members and even non-members working in the domain of power engineering. All the sessions are recorded and are available on the official YouTube channel of the IEEE PES SBC IIT Kanpur (<https://bit.ly/3mHUKm4>).

EVENTS OF STUDENT BRANCHES

IEEE SRMCEM, LUCKNOW



SKILL DEVELOPMENT PROGRAMME

AGENDA

IEEE SRMCEM organized a 5 day Skill Development Programme from 15th November 2021 to 19th November 2021 in the college premises. The sessions were delivered by Dr. S. Chatterji, Prof.(R) NITTTR, Chandigarh. The objective of this programme was to make students aware of the latest trends in engineering and also to provide them with an effective introduction to all trends. This programme is aimed at skill development for both faculty as well as students.

The 5-day programme comprised of 10 sessions (2 sessions per day) on the following topics:

DAY 1: Power Electronics and Component Testing.

DAY 2: Artificial Intelligence and Machine Learning.

DAY 3: Smart Grid and Deep Learning.

DAY 4: Applications of Digital Electronics and Microprocessor and Microcontrollers.

DAY 5: PLCs and FPGAs and Intelligence Control.

The programme was inaugurated in the presence of Group Director, SRMCEM, Prof(Dr.) Bhavesh Kumar Chauhan, Branch Counselor, Dr. Indu Prabha Singh, and Branch Advisor, Dr. Khadim Moin Siddiqui.

The programme received mass participation from the students of SRMCEM with an active technological interaction between the students and the Resource person. At the Closure ceremony of the program, the students received certificates from Dr. S. Chatterji.

EVENTS OF STUDENT BRANCHES

Indian Institute Of Technology, BHU

IEEE Student Branch Chapter
IIT (BHU) Varanasi

IEEE MTT-S Society Student Branch Chapter,
IIT (BHU), Varanasi
Presents
Webinar on :
Radar Cross Section Analysis of a Finite Parallel-Plate Waveguide
with Material Loading:
A Rigorous Wiener-Hopf Approach

Date : 6th December, 2021 Time: 14:00 Hours (IST)

Dr. Kazuya Kobayashi
Department of Electrical, Electronic, and Communication Engineering
Chuo University, Japan
URSI Vice President

WEBINAR ON 'RADAR CROSS SECTION ANALYSIS OF A FINITE PARALLEL-PLATE WAVEGUIDE WITH MATERIAL LOADING: A RIGOROUS WIENER-HOPF APPROACH

AGENDA

We are very happy to inform you that IEEE MTT-S SBC IIT BHU Varanasi has organized a Webinar on 'Radar Cross Section Analysis of a Finite Parallel-Plate Waveguide with Material Loading: A Rigorous Wiener-Hopf Approach' dated 8 December 2021 at 14:00 hours (IST) during the global Covid 19 pandemic. The speaker of the webinar was Dr. Kazuya Kobayashi, Assistant Professor, Department of Electrical, Electronic, and Communication Engineering, Chuo University, Japan, URSI Vice President and attended by more than 30 participants from various renowned research institutes from India (several IITs, NITs, Universities, Research Organizations and also from outside India) and abroad.

Dr. Somak Bhattacharyya, faculty advisor, of IEEE MTT-S SBC had formally introduced the speaker. Dr. Kazuya Kobayashi has delivered his talk in three parts where 1st part is about overview of URSI (International union of Radio Science), 2nd part is about Hopf technique- a rigorous method of solution for electromagnetic wave problems and 3rd part is about the Application of the Wiener-Hopf technique to a specific scattering problem- Radar Cross Section analysis of a Finite Parallel-Plate Waveguide with Material Loading: A Rigorous Wiener-Hopf Approach. He discussed that the Wiener-Hopf technique is known as a powerful, rigorous approach for analyzing scattering and diffraction problems involving canonical geometries. In continuation of it, he talked about a finite parallel-plate waveguide with four-layer material loading as a geometry that can form cavities, and analyze the plane wave diffraction rigorously using the Wiener-Hopf technique under both E and H polarizations. He explained that by introducing the Fourier transform of the scattered field and applying boundary conditions in the transform domain, the problem is formulated in terms of the simultaneous Wiener-Hopf equations. The results presented by Dr. Kazuya Kobayashi were valid over a broad frequency range and can be used as a reference solution for validating other analysis methods such as high-frequency techniques and numerical methods. The talk was followed by some fruitful discussions, where audience had raised a few clarifications, and expressed their gratitude to the speaker as well as the organizer. Finally, the event was concluded with a formal vote of thanks by Dr. Bhattacharyya.

EVENTS OF STUDENT BRANCHES

IEEE SRMCEM, LUCKNOW

Shri Ramswaroop Memorial
Group of Professional Colleges,
Lucknow
IEEE SRMGPC STUDENT BRANCH ORGANIZING
ENERGY CONSERVATION DAY CELEBRATIONS

14th December 2021

Time: 8:00 p.m. Onwards

Chief Patron	Patron	Chief Guest	Chief Convener	Convener	Convener
 Er. Pankaj Agarwal Co-Founder SRMGPC, Lucknow	 Er. Pooja Agarwal Co - Founder SRMGPC, Lucknow	 Prof. Asheesh Kumar Immediate Past Section Chair, IEEE U.P. Section	 Prof. Bhavesh Kr. Chauhan IEEE Senior Member Group Director SRMGPC, Lucknow	 Dr. Indu Prabha Singh IEEE Senior Member Student Branch Counselor SRMGPC, Lucknow	 Dr. Khadim Moin Siddiqui IEEE Senior Member Advisor, IEEE Student Branch SRMGPC, Lucknow

Google meet code: hba-zork-vcx

Contact
social.srmgpc.ieee@gmail.com

 / IEEE SRMGPC

ENERGY CONSERVATION DAY CELEBRATION

AGENDA

Energy conservation is the need of the current time. With decreasing availability of fossil fuels like coal and Global Warming through their emission, it has become a major motivation for researches related to Energy Conservation. To promote this, the IEEE Student branch of Shri Ramswaroop Memorial College of Engineering and Management celebrated Energy Conservation day in online mode.

The Guest of the event was Professor Asheesh Kumar from MNNIT, Allahabad. He is immediate past chair of the IEEE U.P. section. Prof. Asheesh guided students on Energy Conservation. The event started with a welcome address by Prof. Dr. Bhavesh Kumar Chauhan, Group Director, SRMCEM. Then Prof. Asheesh started his discussion with what energy conservation means and he discussed ways to conserve energy in homes. He explained about Star Ratings of appliances and what are the compliances issued by the government regarding energy consumption in the industry as well as in domestic applications. Prof. Asheesh also covered how an understanding of renewable energy sources can also help in energy conservation.

The event achieved good participation from students as well as the faculty. The question and answer round at the end of the event was very interactive. This event will help students to think about innovative ways to solve world energy conservation needs.

EVENTS OF STUDENT BRANCHES

Pranveer Singh Institute Of Technology, Kanpur

INTRODUCTION TO MULTISIM AND VHDL

DESCRIPTION

START TIME: 14 Jan, 2021-6:00 PM

END TIME: 16 Jan, 2021-7:30 AM

PLATFORM: CISCO WEBEX

HOST: IEEE PSIT Student Branch

EVENT DESCRIPTION:-

A 3 day online student development program conducted on “INTRODUCTION TO MULTISIM AND VHDL.”

It was conducted in order to let students enhance their skills and knowledge

RESEARCH BASED LEARNING USING IEEE

DESCRIPTION

DATE: 08 Jan, 2021

TIME: 7:00 AM to 8:00 AM

PLATFORM: ZOOM MEETING

SPEAKER: Mr. RAMNEEK KALRA

HOST: IEEE-PSIT PES Society

EVENT DESCRIPTION:-

To educate an IEEE member about its benefits of being an IEEE member and its future benefits.

CODE CHRONICLE

DESCRIPTION

DATE: 23 May, 2021

TIME: 5:00 PM – 9:00 PM

PLATFORM: HACKERBLOCK

WINNERS: Mohd. Harish, Mustafa Asad, Sakshi Arora

HOST: IEEE-PSIT COMPUTER Society

EVENT DESCRIPTION:-

To test coding skills of first and second year students.

It focused on basic competitive programming.

EVENTS OF STUDENT BRANCHES

Pranveer Singh Institute Of Technology, Kanpur

WEBINAR ON SUSTAINABLE DEVELOPMENT AND ESG CRITERIA FOR ENGINEERING A BETTER ENVIRONMENT

DESCRIPTION

A webinar was organized on “SUSTAINABLE DEVELOPMENT AND ESG CRITERIA FOR ENGINEERING A BETTER ENVIRONMENT.” It was aimed to educate the students about sustainable development and how to practice it in our day to day lives. It also provided ideas on ESG criteria that are quite beneficial for the environment.

DATE: 25 Apr, 2021

TIME: 11:00 AM – 12:15 PM

PLATFORM: CISCO WEBEX

SPEAKER: Prof. MISHU TRIPATHI

HOST: IEEE-PSIT WIE Affinity Group

QUIZ COMPETITION ON "HUMANITARIAN TECHNOLOGIES"

DESCRIPTION

DATE: 29 Jun, 2021

TIME: 5:30 PM – 6:30 PM

PLATFORM: GOOGLE FORM

WINNERS: Komal Chanrekar and Hitansh Dwivedi, Vaani Agarwal, Apporva Srivastava

HOST: IEEE-PSIT SIGHT Affinity Group

EVENT DESCRIPTION:-

To increase and spread information about Humanitarian technologies and its applications.

EVENTS OF STUDENT BRANCHES

IEEE SRMCEM, LUCKNOW

IEEE SRMGPC STUDENT BRANCH ORGANIZING
Orientation Session on Call for Paper Writing and Research Report on Innovation.

Speaker



On 6th December 2021
Time: 03:15 p.m. onwards

Venue:
F-Block Seminar Hall,
SRMGPC, Lucknow

Dr. Khadim Moin Siddiqui
IEEE Senior Member
Advisor, IEEE Student
Branch
SRMGPC, Lucknow



ORIENTATION SESSION ON CALL FOR PAPER WRITING AND RESEARCH REPORT ON INNOVATION

AGENDA

IEEE SRMCEM organised an orientation session on call for paper writing and research report on innovation on 6th December 2021. The key highlights of the event were how to write research papers and how students and faculties can excel in the direction of research and innovation. The speaker of the session Dr. Khadim Moin Siddiqui, emphasized on how it can prove to be beneficial for the career growth of an individual and for various networking opportunities. The speakers also emphasized on the research-work, collaborative research, and using IEEE as the platform to seek opportunities and learn with other fellow members. The prime objective of this orientation session was to make students aware about the paper writing and research report on innovation in engineering and also to provide them an effective introduction of all trends. This program aimed at skill development of paper writing for both faculty as well as the students.

The event was successfully and smoothly conducted under the guidance of Dr. Bhavesh Kumar Chauhan (Group Director SRMCEM Lucknow). The speaker of the event was Dr. Khadim Moin Siddiqui, IEEE Senior Member and HoD, Electrical Engineering Department SRMCEM, Lucknow.

This event was all about developing the research paper writing skills and to direct students in the field of innovations. It was a dedicated session which was helpful for students and faculties to educate them about the research paper writing skills and to observe the scope of innovation at every level. The event feedback from the attendees was exceptionally good and it received approbation from the audience.

SOCIAL WELFARE WORK OF STUDENT BRANCHES

Indian Institute of Technology, Kanpur



Mask Distribution And Corona Awareness Campaign



DESCRIPTION

The IEEE Student Branch Chapter of Power Engineering Society (PES), IIT Kanpur organised a mask distribution and corona awareness campaign among the Hall workers of Hall 7 & 8 of Indian Institute of Technology Kanpur (IIT Kanpur) on 22nd April, 2021. The 2nd wave was rising to its peak at that time and the health infrastructure in the city as well as inside the campus were overstressed. There was shortage of sanitary kits like face-masks in the market as well. A total of 100 workers, 50 from each Hall, including the sanitary workers, the mess workers and the Hall office staffs were provided with masks. The effectiveness of proper face-mask in preventing the spread of the virus is a well proven fact. However, using masks alone cannot completely get us out of the pandemic situation. Thus, a session was held where these workers were made aware of the seriousness of the 2nd wave and the protocols that need to be followed in these dire times apart from wearing masks. Confusions regarding vaccines were also clarified to the workers by the society members.

EVENTS OF STUDENT BRANCHES

Engineering College, Greater Noida
(NBA & NAAC Accredited)
Webinar on vision in the Smart Online World
by **Mr. Ritesh Kumar**
(Corporate Trainer, ICT, IIT Kanpur)
On the Occasion of **World Television Day 2021**
Organised by **IEEE Student Branch - STB 16051**
INSTITUTE OF ELECTRONICS & COMMUNICATION ENGINEERING
in association with **Electronics & ICT Academy-IIIT**
Thursday, November 18th, 2021

QUIZ Competition
TOPIC:- Insights of Women Technopower
19 November
11:00 AM-12:00AM
Exciting Prizes For Winners!

Welcome to **New Member Orientation & Ex-Com Election for 21-22**
IEEE BBDITM Lucknow (STB10214)
11:00 AM - 11:30 AM

IEEE SRMGPC STUDENT BRANCH ORGANIZATION SKILL DEVELOPMENT PROGRAM
15th November to 19th November

HAPPY CHILDREN'S DAY
14 NOVEMBER, 2021

Webinar by PrepForTech
14th November, 2021
Mentors at

BABU BANARASI DAS
Expert Talk Organized By Institutions Innovation Council (IIC)
In Association with IEEE, BBDITM, Lucknow
10:21 AM

NATIONAL EDUCATION DAY
11th Nov - 2021
Steps Hall BBDITM, Lucknow

IEEE eNotice
9:50 AM

RELEASE OF IIEE UP SECTION NEWSLETTER
IUSN
THE OFFICIAL IEEE UTTAR PRADESH SECTION NEWSLETTER

IEEE WIE INTERNATIONAL LEADERSHIP SUMMIT
GRUPO VOITTO COURSES & EBOOK
FREE AND CERTIFICATE

IEEE WIE INTERNATIONAL LEADERSHIP SUMMIT
BRAZIL, 2021
Virtual meeting
November 6 to 7 th, 2021

शुभ दीपावली
HAPPY DIWALI

शुभ दीपावली
Happy Diwali
HITANSH DWIVEDI

शुभ दीपावली
HAPPY DIWALI

Registrations are Live!
ASISWLCB
ONLINE



18 Nov 2021
(12:00-1:00 PM)
Zoom App

EVENTS OF STUDENT BRANCHES



Lucknow, Uttar Pradesh, India
 BEO Green City, Faizabad Rd, Lucknow, Uttar Pradesh 22602
 Lat 26.884203°
 Long 81.058233°
 30/11/21 01:23 PM

BABU BANARASI DAS
 INSTITUTION'S INNOVATION COUNCIL

Institution's Innovation Council is Celebrating NATIONAL POLLUTION PREVENTION DAY and Organising Competitions on

Making Nukkad Natak Group Discussion

2nd December 2021 2 PM onwards

St. Praveen Mishra St. Sahasranya Kumar Pandey
 St. Neha Pandey Prof. Sahasranya Bahadur Singh

BABU BANARASI DAS
 INSTITUTION'S INNOVATION COUNCIL

Institution's Innovation Council is Celebrating NATIONAL POLLUTION PREVENTION DAY and Organising Competition on

Group Discussion Pollution and Public Remedies

Coordinator
 Prof. Kudrenra Bahadur Singh IPR Coordinator, IIC

Contact Us At academiombd2021@gmail.com /f/licbbditm-0

BABU BANARASI DAS
 INSTITUTION'S INNOVATION COUNCIL

Institution's Innovation Council is Celebrating NATIONAL POLLUTION PREVENTION DAY and Organising Competition on

Photography Competition Nature and Tree Plantation

Coordinator
 Prof. Shailja Pandey NIRF Coordinator

Contact Us At academiombd2021@gmail.com /f/licbbditm-0

BABU BANARASI DAS
 INSTITUTION'S INNOVATION COUNCIL

Institution's Innovation Council is Celebrating NATIONAL POLLUTION PREVENTION DAY and Organising Competition on

Nukkad Natak Competition Pollution Prevention

Coordinator
 Prof. Neha Gupta ARIIA Coordinator

Contact Us At academiombd2021@gmail.com /f/licbbditm-0

BABU BANARASI DAS
 INSTITUTION'S INNOVATION COUNCIL

Institution's Innovation Council is Celebrating NATIONAL POLLUTION PREVENTION DAY and Organising Competitions on

Poster Making Competition Nature is Mother to Mankind

Coordinator
 Dr. Supriya Phurailatpam Innovation Coordinator

Contact Us At academiombd2021@gmail.com /f/licbbditm-0

EXPLORICA 3.0
 CREATED TO UNITE TECHNOLOGY AND FINE ARTS

REGISTRATIONS ARE LIVE

DECEMBER 03-05, 2021

explorica.ieeeusbsitw.org

Get On-Board To Abroad Ep: 05

Guest Speakers

LUBNA ARIF
 École centrale de Lyon, France

ATIYA FATIMA USMANI
 University of The Basque Country, Spain.

2:00 PM IST meet.google.com/...

Registrations Closing Soon!
 Hurry! Don't miss it.

ALSYWLC'S ONLINE

Get your Online tickets now
www.alsywlc.in

BABU BANARASI DAS
 INSTITUTION'S INNOVATION COUNCIL

Institution's Innovation Council is Organising Hands-ON Workshop on ARTIFICIAL INTELLIGENCE WITH DATA SCIENCE

Speaker
 Er. Mirza Ghousia Begum

30th November 2021 10:30 AM onwards

St. Praveen Mishra Prof. (Dr.) Shankar Prasad Singh Prof. Sahasranya Bahadur Singh Prof. Sanyal Jyoti Prakash

बीबीडीआईटीएम में आईईईई ओरिएण्टेशन प्रोग्राम और एल्युमिनी टॉक का आयोजन

QUIZ COMPETITION

WOMEN IN STEM

23rd November, 2021 01:00 PM - 2:00 PM

Prizes For Winner!

Organized by THE CYBERS CODING CLUB FACULTY OF ENGINEERING & COMPUTING SCIENCES TEERTHANKER MAHAVERI UNIVERSITY, MORADABAD

Get On-Board To Abroad Ep: 04

Guest Speaker
PRADEEP KUMAR
 University Of Windsor, Canada

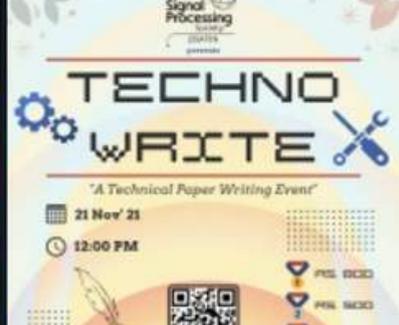
November 21, 2021 8:00 PM IST

meet.google.com/...

TECHNO WRITE
 "A Technical Paper Writing Event"

21 Nov '21 12:00 PM

Signal Processing Society



EVENTS OF STUDENT BRANCHES

BABU BANARASI DAS
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

IEEE BBDITM
Student Branch

CONGRATULATIONS
ON WINNING, THE MOST ACTIVE
ACTIVITY BASED REWARD AMONG
100+ BRANCHES
IN THE THE IEEE UP SECTION

Activity-based Incentive Award - 2021

Rank	IEEE Student Branch Code and Name	Events	Prize	Award M
1	STB10214- Babu Banarasi Das Inst of Tech & Mgmt	113	1st Prize	Rs. 500
2	STB15123- Teerthankar Mahaveer University	43	2nd Prize	Rs. 300
3	STB05261- Indian Inst of Technology-Kanpur	42	3rd Prize	Rs. 200
4	STB14028- Praveer Singh Institute of Technology	41	3rd Prize	Rs. 200
5	STB07271- Amity University-Noida	40	3rd Prize	Rs. 200

Note: The number of events of a student branch (STB) includes all activities reported by all the student branch chapters (SBCs) and student branch affinity chapters (SBAs) of the particular STB.

Duration - 1st Nov 2020 to 31st Oct 2021 (event reported till 31st Oct 2021).

Yayaneesh Mishra SR, IEEE UP Section
Dr. Prabhakar Tiwari Secretary, IEEE UP Section

Get On-Board To Abroad Ep: 10

Guest Speakers

MOHAMMAD SHAHRUKH ANIS
Politecnico Di Milano, Italy

SHIREEN MAHMOOD
Politecnico di Milano, Italy

January 5th, 2022

meet.google.com/ahn-hudo-hix

"A JOURNEY TO PAPANAU"
(On 8 January, 2022 (Thursday))

Schedule

- Introduction
- Nukkad Natak By WEAG Team, BBDITM (Theme- Voter's Awareness)
- Model Demonstration
- Nukkad Natak By IEEE Team, BBDITM (Theme- Women Empowerment)
- Enrollment for Voter ID's And E-Shram Cards.
- Selection of 30 Unemployed Women for Entrepreneurial Training.
- Consequent Discussions (By IEEE And WEAG Team)
- Concluding and Bidding Adieu

Program Coordinator's

WOMEN EMPOWERMENT ACTION GROUP

WEAG in collaboration with IEEE, BBDITM Organise An Outreach Program "A Journey to Papanau"

On 6-January-2022

PROGRAM COORDINATOR'S
Team WEAG and Team IEEE

TOP 5 SB ASSOCIATES

Mudit Singh
Delhi Technological University

Kodali Naga Seshu
Maturi Venkata Subba Rao Engineering College

Medha Vasudevan
Sreepathy Institute of Management & Technology

Hitansh Dwivedi
Babu Banarasi Das National Institute of Technology & Management

Rohan US
Mar Basellos College of Engineering And Technology

Top 5 among 325 SB ASSOCIATES ALL OVER COUNTRY

Hosted By: IEEE UTTAR PRADESH SECTION, IEEE Kerala Section, MACE

Follow us on: aisywc21

Our Guest

IEEE STUDENT BRANCH MNIT ALLAHABAD

Presents Webinar On

How IEEE Can Help in Your Professional Life

Prof. S. N. Singh
Professor, Department of Electrical Engineering
IIT Kanpur, India

January 11, 2022 (Saturday)

11:30 AM (IST)

Register Here

https://forms.gle/2hKxhMkqg1317

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STUDENT DEVELOPMENT PROGRAM
IN COLLABORATION WITH TATA CONSULTANCY SERVICES, IEEE BBDITM STUDENT BRANCH (STB10214) AND NIIFT INDIA

On "Emerging Trends Of Information Technology"

ORGANIZED BY:
DEPARTMENT OF INFORMATION TECHNOLOGY
DEPARTMENT COMPUTER SCIENCE & ENGINEERING

Dr. Manoj Kumar (Head BBDITM)
Dr. Manoj Kumar (Head BBDITM)
Dr. Manoj Kumar (Head BBDITM)

Date: 1st-7th DEC 2021
Platform: Zoom, Google Meet, Webex.

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Date: 1st-7th DEC 2021
Platform: Zoom, Google Meet, Webex.



EVENTS OF STUDENT BRANCHES



EDS BOG MEMBER AT LARGE - ELECTION RESULTS

Nominees to serve for the three-year term 2022-2024

- Mario Aleman (YP)
- Paul Berger *
- Yogesh Chauhan
- Maria Merlyne De Souza *
- Patrick Fay *
- Kazunari Ishimaru *
- William Nehrer *

*= Serving second term



ABOUT UPCON-2021



DESCRIPTION

The 8th "IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON-2021)" is top level International Conference covering broad topics in the areas of Electrical, Computer and Electronics Engineering, will be jointly organized this year by BTKIT, Dwarhat, Uttarakhand India and Tula's Institute, Dehradun, Uttarakhand India. UPCON conference is organized annually at various locations in Uttar Pradesh (UP). Prior to this, first Seven series of UPCON conferences were organized at GCET, Greater Noida (2014), Indian Institute of Information Technology Allahabad (IIITA), Allahabad (2015), Indian Institute of Technology (IIT-BHU) Varanasi (2016) and GLA University (GLAU) Mathura (2017), MMMUT Gorakhpur (2018), AMU Aligarh (2019) and MNNIT Allahabad (2020) respectively. This conference will provide an excellent platform to the researchers to present their research work and is known as the UP-section's conference. The conference is technically and financially sponsored by IEEE UP Section. There are multiple tracks in the conference covering almost all areas of Electrical, Computer & Electronics Engineering. Uttar Pradesh Section is located in Region 10, and is represented at the India Council. The Section was formed on 11 May 1992. Prior to that, Uttar Pradesh had been a sub-section under the Delhi Section since 28 December 1970. IEEE UP Section interfaces with the industries and academia through various technical and humanitarian activities. This Section organizes various activities throughout the year.

[FOR MORE DETAILS CLICK HERE](#)



TOP THREE PAPERS AT UPCON - 2021

- Prof. /Dr./Mr./Ms. Saurabh Ghosh (MNNIT Allahabad); Asheesh Kumar Singh (MNNIT Allahabad); ARUN K PAUL (M/S. Electronics Devices World Wide Pvt. Ltd.) Sri Nivas Singh (IIT Kanpur) has received best paper award in oral presentation of their paper titled Disturbance Observer - based Sliding Mode Control of PV Battery Assisted EV Charging Station (Track: Electrical Engineering) in 8th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON 1021) organized by Bipin Tripathi Kumaon Institute of Technology, Dwarahat, Uttarakhand India, Hosted by Tula's College, Uttarakhand India
- Prof./Dr./Mr./Ms. Sourabh Ghosh from Motilal Nehru National Institute of Technology Allahabad Secured best paper award in oral presentation of his/her paper titled Disturbance Observer-based Sliding Mode Control of PV-Battery Assisted EV Charging Station (Track: Electrical Engineering) in 8th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON 2021) organized by Bipin Tripathi Kumaon Institute of Technology, Dwarhat, Uttarakhand India, Hosted by Tula's College, Uttarakhand India
- Prof./Dr./Mr./Ms. Sindhya K.SSET. Karakutty received best paper award in oral presentation of his/her paper titled A Bottom-Up Approach applied to Dependency Parsing in Malayalam Language (Track Computer Science & Engineering) in 8th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON 2011) organized by Bipin Tripathi Kumaon Institute of Technology, Dwarhat, Uttarakhand India, Hosted by Tula's College, Uttarakhand India



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HIMANSHI KAPOOR
SOCIAL MEDIA COORDINATOR,
IEEE SRMGPC STUDENT BRANCH



ASHUTOSH VERMA
TREASURER, IEEE SRMGPC
STUDENT BRANCH



<http://www.ieeup.org/>



Click on icon to Visit our social media

For any feedback
Dr. Rajat Kumar Singh
Chair, Electronic Communication Activities
Email: rajatsingh@iita.ac.in

Wash & clean hands with soap, 7 years recommended, enough and time.
 You're good! Keep your face and mouth.
 Don'ts: Spit in public.

Together we can fight Coronavirus

For further information:-
Call at Ministry of Health, Govt. of India's 24x7 control room number +91-11-232378046
Email at ncov2019@gmail.com



IEEE
UP SECTION (INDIA)

Institute of Electrical and Electronics Engineers

IEEE UP SECTION NEWSLETTER