

JULY - SEPTEMBER, 2022

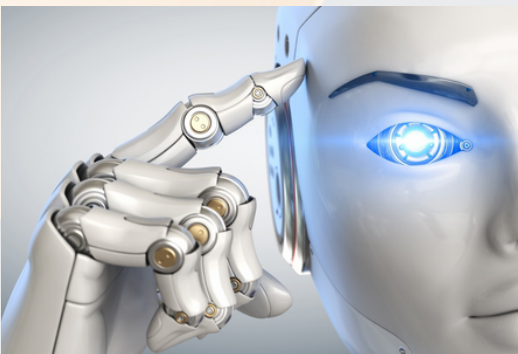


VOLUME 6
ISSUE 3

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IEEE UP SECTION NEWSLETTER

2022



ABOUT IEEE?

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.

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Dr. Satish K. Singh **(Section Chair)**

IT Department, IIIT Allahabad

I am glad to pen for the release of Vol.2 of IEEE UP Section Newsletter 2022. It gives me profound privilege and pleasure to know that the IEEE UP Section is putting consistent, insistent, and persistent efforts to serve the people at their best. The newsletter mirrors the different faces of development of the students and individuals in professional and technical fields thus it will be a rewarding experience for the readers. We are organizing several professional activities, technical conferences, award nominations, etc. directed toward fulfilling the IEEE goals and objectives. I would like to thank each and everyone as this would not have been possible without their support and cooperation. I am sure that with the cooperation of all and with the blessings of the Almighty, the IEEE UP Section will continue to grow in all aspects and will explore pinnacles. I also want to convey my best wishes to the whole editorial team for their valuable efforts in bringing out this newsletter.



Dr. Akhilesh Tiwari **(Section Secretary)**

Department of Applied Sciences, IIIT Allahabad, Prayagraj

It is a matter of great pleasure to write something in our Newsletter 2022. This is a quarterly newsletter dedicated to the activities of IEEE Uttar Pradesh Section. As a team you are very consistent since its inception, and timely published. I want to first acknowledge the great team of leaders and editorial members for showcasing and publishing all around progress of our section. I think it is a window of quality information regarding our section, and to encourage the students, technical, and regular members. IEEE Uttar Pradesh Section is committed to serve the humanity through its activities spreading from professional activities to humanitarian and women strengthening. I convey my best wishes to the whole editorial team and the members of our section.



Dr. Rajat Kumar Singh (Chair)

**Electronic Communication
Activities**

It's my pleasure to present to you the second quarterly newsletter of the 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 educational 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. Sumit Tiwari, and his wonderful team of student volunteers who have given their valuable time to prepare this newsletter. A special thanks go to all the members for providing their tremendous input.



Prof. Rafik Ahmad Chapter Chair, Editor

**(Electronic Communication & Information Management
Activities)**

Welcome to the SECOND IEEE UP Sections Newsletter. I am blessed to present various achievements done by the IEEE UP Section in the second vol. of 2022. It's been a great honor for me to be given the opportunity to serve as the Editor of this Newsletter. This Newsletter edition highlights the events, achievements, awards, etc. I am much thankful to Dr. Satish Kumar Singh (CHAIR), IEEE UP SECTION for giving me the opportunity to work for the IEEE UP Section. I thank all who took time from their busy schedules to volunteer and served humanity. On this occasion, I also would like to express my gratitude to several members of the editorial board, especially An special thanks to my team of IEEE BBDITM. I look forward to continuing to work with my dedicated team of IEEE BBDITM. Wishing a great future.



Dr. Sumit Tiwari Editor

**(Electronic Communication & Information Management
Activities)**

It gives me great pleasure to hand you the second issue of the quarterly newsletter published by the UP branch of the IEEE. I would like to express my sincere gratitude and thanks to the Chairman, IEEE UP Section, Dr. Satish Kumar Singh, who has initiated this concept, in addition to exploring educational programmes and offerings from IEEE in a variety of other new fields. IEEE is the largest technical professional organisation in the world, and it offers a number of ways to get involved with technical and local communities. This newsletter is one of those ways. In addition, I would like to use this opportunity to show my appreciation to Professor Rafik Ahmad, Dr. Rajat Kumar Singh, and all of the student volunteers who contributed their time to the preparation of this newsletter. A particular acknowledgement and gratitude is extended to each and every member for the significant contribution they made.



Minakshi Memoria (Chair)

Sub-Section Coordinator Outreach & Strategic Planning

To maintain their frequent volume once more is a heroic effort on the part of the IEEE UP Section. I hope that this newsletter serves as a spark to ignite readers' enthusiasm and intrigue their minds for numerous student-led innovations and to ignite passion among IEEE members worldwide. Women empowerment goes beyond ensuring that women receive their basic rights. Women's empowerment, in its purest form, includes qualities like independence, equality, and freedom of expression. The true goal is to ensure that we achieve gender equality through this. In order to provide decision-making power and equal opportunities, women's empowerment is therefore necessary. I wish all the students and editors who have been involved in bringing.



Ankit Yadav Section Student Representative (IEEE UP SECTION)

I am ecstatic and grateful to be writing for the IEEE UP Section newsletter. It is one of the section's primary communication tools, used to inform members about progress, happenings, and upcoming activities. At the same time, it serves as a repository for the tremendous effort put in by volunteers throughout the section in pursuit of the IEEE motto, "Technology for humanity." It is essential in raising awareness among IEEE and non-IEEE members alike. I am grateful to the newsletter committee for allowing me to share my IEEE experience with fellow members. In 2016, I became a member of IEEE. Soon after joining the IEEE, I was given the opportunity to volunteer for the local IEEE team at IIT Kanpur as well as the UP Section. My initial involvement was similar to that of any other new member, with me attending some activities here and there and questioning whether it was worthwhile or not. Then, gradually, I began to receive responsibilities at the local student unit, as well as some from the section. These have helped me understand the enormity of IEEE and the wide range of opportunities and benefits it offers. When I was given the responsibility of the IEEE PES student chapter at IIT Kanpur, I had the opportunity to learn the art of team building. As section student representative, I had the privilege of working with various student branches across the section. Working with such a diverse group of volunteers enriched my personal growth as well as my professional development. My involvement in IEEE taught me about the various layers of management and their significance, which we often overlooked. Furthermore, the opportunities to attend national and international events including SYWL18 in Indonesia Bali and AISYWL22 in Pune, as well as recognitions as an outstanding volunteer award from the section and India council, are treasures for lifetime. The connections I made while volunteering for IEEE are invaluable. Since joining the IEEE, I have had the opportunity to work with many fantastic section leaders. I have witnessed the section's continuous growth during this time, and I am grateful for the opportunity to contribute a little. I had joined IEEE on the suggestion of my PhD thesis supervisor Prof. S N Singh. Now, as I transition to young professional membership, I am extremely thankful for his advice. It has been a very rewarding experience. I wish my fellow members and future members a similar and even more fulfilling experience.

Wish you a Happy IEEE Membership!!

U.P. SECTION



EVENTS



IEEE- AMALGAM-2022

Title of the Event – " AMALGAM 2022"

Date: 14th – 18th September 2022;

Time: 09:30 A.M. to 05:30 P.M

IEEE Seasonal School in Signal Processing (S3P) is a highly prestigious educational programme sponsored by the IEEE Signal Processing Society (SPS) around the world. Every year a very few seasonal schools are sponsored by the IEEE Signal Processing Society across the globe. IEEE Amity University Uttar Pradesh Lucknow Campus Student Branch (STB99083) was Host University cum co-organizer along with BTKIT Dwarahat for the above Seasonal School in Signal Processing (S3P).



IEEE STUDENT BRANCH CHAPTER IIT (BHU) VARANASI

Report of Webinar on 'Hardware Neuromorphic Computing Platforms'

We are very happy to inform you that IEEE MTT-S SBC IIT BHU Varanasi has organized a Webinar on 'Hardware Neuromorphic Computing Platforms' dated 22nd June, 2022 at 14:00 hours (IST). The speaker of the seminar was Dr. Shubham Sahay, Assistant Professor, Department of Electrical Engineering, Indian Institute of Technology (IIT), Kanpur, India and attended by 31 participants Dr. Somak Bhattacharyya, faculty advisor, of IEEE MTT-S SBC had formally introduced the speaker. Dr. Shubham Sahay has delivered his talk in the possibility of utilizing emerging analog-grade non-volatile memory devices, such as RRAM for realizing such neuromorphic processing engines. He discussed that the widespread and ever-increasing demand for performing computationally intensive applications such as deep/recurrent neural networks (DNNs/RNNs), signal processing etc. on the edge in the emerging mobile internet-of-things (IoT) devices requires fast, compact and energy-efficient processing engines. Due to the conventional von-Neumann architecture, even the most advanced digital approaches such as GPUs incur significantly increased power consumption owing to frequent memory access. Therefore, there is an urgent need for area- and energy-efficient hardware which can process neural networks on the edge. 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.



IEEE MTT Society
Student Branch Chapter IIT (BHU),
Varanasi
Presents
Invited Talk on:
Hardware Neuromorphic
Computing Platforms



Venue: Committee Room
Electronics Engineering IIT (BHU)



By
Dr. Shubham Sahay
Assistant Professor
Department of Electrical Engineering,
Indian Institute of Technology (I.I.T.) Kanpur, India

Date: 22nd June, 2022
Time: 10:30 hours (IST)

IEEE STUDENT BRANCH CHAPTER IIT (BHU) VARANASI

Talk On: Atomic Orbital Overlap Engineering for 3D-2D Contacts & Record High-Performance 2D Transistors

We are very happy to inform you that IEEE MTT-S, IEEE EDS & IEEE Photonics Society Student Branch Chapter, IIT (BHU), Varanasi have organized a talk on 'Atomic Orbital Overlap Engineering for 3D-2D Contacts & Record High-Performance 2D Transistors' dated 5 August, 2022 at 3:00 pm (IST). The speaker of the Talk was Dr. Mayank Shrivastava, Associate Professor, Department of Electronic Systems Engineering, Indian Institute of Science Bangalore, and attended by more than 25 participants from various departments of IIT (BHU), Varanasi India. Dr. Somak Bhattacharyya, faculty advisor, of IEEE MTT-S SBC formally introduced the speaker Dr. Mayank Shrivastava has delivered his talk in two parts where 1st part is about an overview of 2D & 3D materials focusing on Graphene and 2nd part is about contact resistance of Graphene. The talk was followed by some fruitful discussions, where the audience raised a few clarifications and expressed their gratitude to the speaker and the organizer. Finally, the event was concluded with a formal vote of thanks by Dr. Shivam Verma, faculty advisor, of IEEE EDS SBC.



**IEEE MTT-S, IEEE EDS & IEEE Photonics Society
Student Branch Chapter, IIT (BHU), Varanasi
Seminar Series**

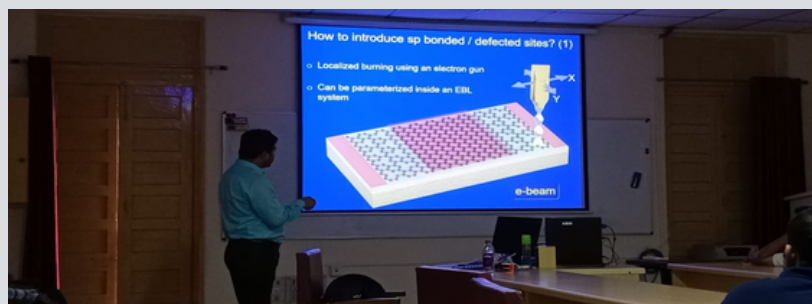
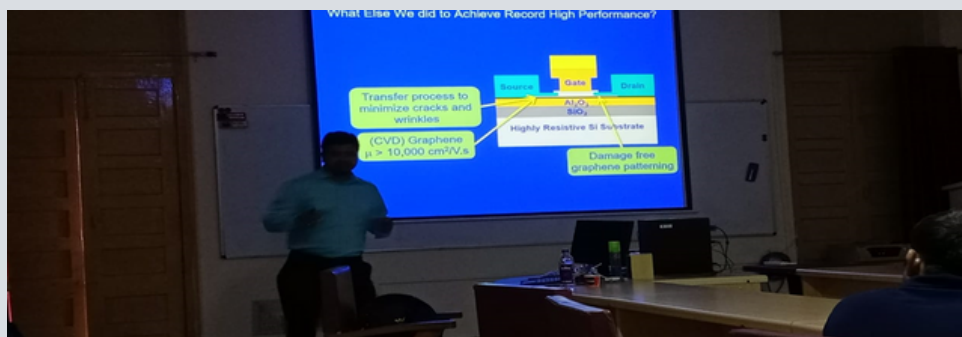
**Talk On: Atomic Orbital Overlap Engineering for
3D-2D Contacts & Record High-Performance
2D Transistors**



Speaker: Prof. Mayank Shrivastava
Associate Professor
Department of Electronic Systems Engineering
Indian Institute of Science Bangalore

Date : 5th, Aug, 2022
Time : 3:00 PM (IST)
Venue : Committee Room
Department of Electronics Engineering, IIT (BHU) Varanasi

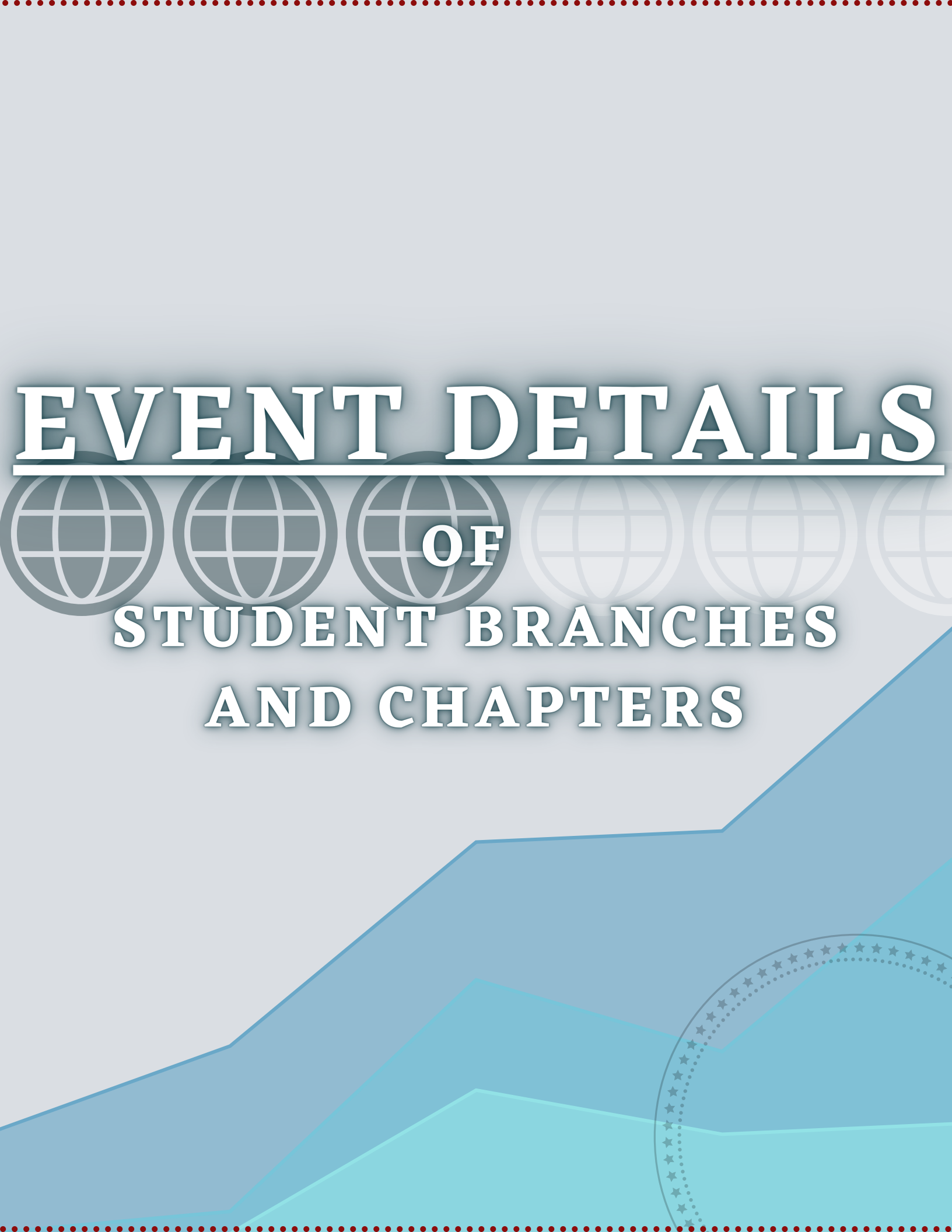


ACTIVITIES-IEEE INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD

On 16th September 2022, Dr. Naresh Chand, Associate Vice president of Chapter relations, IEEE Photonic Society visited Indian Institute of Information Technology Allahabad and gave an expert talk on “Prakash Shakti (Photonics): Opportunities and Challenges for Atma-Nirbhar Bharat”. The event was jointly co-sponsored by the IEEE UP Section, IEEE photonics society UP section and New Jersey. Out of 45 participants, 35 participants joined the talk in physical mode. Most of the participants were M.Tech. and Ph.D. students. Through the talk, Dr. Chand created awareness among young students and researchers about photonics and highlighted the importance of photons & photonics in the 21st century. Particularly, in the context of India, he told about the actions required to have champions in the photonic area and the need for private, public & foreign investments for Atma-Nirbhar Bharat in the photonics sector. Chairman IEEE UP section, Dr. Satish Kumar Singh; Chairman, IEEE Photonics society chapter, Dr. Akhilesh Tiwari; Treasurer, Dr. Pramod Kumar; and Secretary, Dr. Kavindra Kandpal organized the talk with the help of a strong team of IEEE Photonics Society UP Section student volunteer.





EVENT DETAILS

OF

STUDENT BRANCHES AND CHAPTERS

CREATIVE WRITING COMPETITION - IEEE BBDITM STUDENT BRANCH, LUCKNOW

EVENT NAME:- Creative writing competition

TOPIC NAME-Transforming youth skills for the future

Category:- Non-Technical

Sub- Category-NIL

Date- 15th July,2022

Total Participants-40+

DESCRIPTION : Creative writing expresses the writer's thoughts and feelings in an imaginative way. Creative writing is guided more by the writer's need to express feelings and ideas than by restrictive demands of factual and logical progression of expository writing. On the occasion of _*“World Youth Skills Day”*_ IEEE BBDITM PES CHAPTER in association with IEEE BBDITM STB organized a Creative Writing Competition to celebrate the strategic importance of equipping young people with skills for employment, decent work, and entrepreneurship. The topic for the competition was "Transforming youth skills for the future". The participants were geared up and confident to pen down their thoughts. They wrote some eye catching articles. The compositions were very vivid and impressive. The winners were awarded certificates.

AGENDA- This competition was one of the numerous enjoyable competitions that gave students a platform to learn how to express their ideas and views in different ways. This competition helped students improve their spellings, increase their vocabulary, learn concepts and develop use of correct English. As a result, children were able to write more effectively.

Keywords:-

#Power_and_Energy_Society

#IEEE_PES

#Opportunities

#creative_writing

#writinglife

#writing_inspiration

IEEE BBDITM STUDENT BRANCH, LUCKNOW

Title of the Event – "75th Independence Day Celebration"

(15 Days Back to Back Events)

Date: 1st - 15th of August



In this 15 Days Independence Day Celebration there was back to back various kinds of knowledgeable and creative events in which the participation has come from across India and the winners got exciting prizes.

On 15th of October the team has celebrated the Independence Day by Hosting National Flag and distributing the students of village schools flags and telling them the importance of Independence Day

Title of Event - Tech Future 2.0

Date-31st of July

In this event there was a Poster Making Competition on topic "It was a great virtual event in which various submissions came and winner's got the Certificate of Appreciation and participants got the e-certificate of participation"




TECH FUTURE 2.0

IEEE Signal Processing Society in collaboration with
IEEE BBDITM Student Branch is organizing a

Poster making competition

ON THE TOPIC

"LATEST AND UPCOMING TECHNOLOGY"

Guidelines

- The Poster must not be copied. It should be 100% unique.
- Size of poster must be below 200Kb
- A4 layout will only be accepted.
- Multiple submissions are prohibited.



On 31st July
Sunday



Starts - 10:00 Am
Ends - 05:00 Pm


Certificates for all the participants

@ieeebbditm/ 

IEEE BBDITM STUDENT BRANCH, LUCKNOW

4 Days TOPCODER event Organized by IEEE BBDITM Computer Society in Collaboration with IEEE BBDITM STB & NETE LUCKNOW CENTRE in which there was various competition like Hackathon, Quiz Competition and Webinar on Blockchain Development and 4th Day there was Prizes Distribution and Engineers Day Celebration



BABU BANARASI DAS INSTITUTE OF TECHNOLOGY AND MANAGEMENT
IEEE BBDITM Student Branch
IEEE SIGHT Special Interest Group on Humanitarian Technology

Training and Product development ;
 Leadership Training;
 Initiative for Innovation and Startup.

By IEEE SIGHT in association with IEEE BBDITM STB

Inauguration Ceremony

22 August, 2022
 10 AM
 BBDITM, Innovation lab E-Block
 Certificate

Come join us &

Day 2 of Top coder Event was organized by IEEE BBDITM COMPUTER SOCIETY and NIETE Lucknow Campus in which there was a Hackathon and coding competition in which there was many participants has taken part from all over the India. It was a event in which there was 5 problem based questions beneficial for the interview process on the data structure the event was amazing and everyone enjoyed that and there was a live tracking of the participants and the winners has got the prizes . Overall session was excellent.



IEEE Computer Society in collaboration with IEEE PES BBDITM and IEEE BBDITM SB is organizing "TOPCODER" Event



Webinar on Blockchain Development

12th, September



Coding_Fest " HACKATHON"

13th, September



Quiz Competition

14th, September



Prize Distribution

15th, September

@ieeebbditm

On the occasion of IEEE SIGHT BBDITM there was a Training and Product Development initiative for innovation and Startups for the Engineering Students. In which there was a handson Work shop and implipemntation of the Electric Lights and etc. All the participants got the Certificates



BBDITM **IEEE BBDITM** Student Branch **IEEE COMPUTER SOCIETY** **IEEE PES** Power & Energy Society

HACKATHON {
 //IEEE BBDITM COMPUTER SOCIETY IN
 COLLABRATION WITH IETE, IEEE BBDITM PES &
 SB CONDUCTING CODING COMPETITION.
 }

#13th, SEPTEMBER

HACKATHON CODING IS FUN

@ieeebbditm

IEEE BBDITM STUDENT BRANCH, LUCKNOW

Title - "Engineers Day Celebration"

Date- 15th September 2022

On the occasion of Engineer's Day there was a Poster Making competition and Skill Development Talk by NETE Lucknow centre Chair and Honorable Secretary which has been covered by DD NATIONAL in which there was 100+ participants and enjoyed this great session and all the winners got the trophies and Certificates.

Celebrating 55th Engineers Day
On 16th Birth Anniversary of Bharat Ratna Sir M. Visvesvaraya
Organizing By IEEE BBDITM Student Branch in Collaboration with IETE Lucknow Center & WEAG BBDITM

Chief Patron Mrs. Alka Das Honble Chairperson BBD Group	Patron Shri Viraj Sagar Das President BBD Group	Speaker Shri. Yatish Katheria Hony Secretary IETE Lucknow Center	Speaker Dr. Arun Kumar Singh Chairman, IETE, Lucknow Center	Chief Guest Prof.(Dr.) S.S Chauhan Director, BBDITM
Convener Dr. Anurag Tiwari Head IT Department, BBDITM	Convener Prof. Rafik Ahmad Branch Counselor Chapter Chair, IEEE UP SECTION (RIO) HOD EE, BBDITM	Event Detail - Poster competition - Technical talk - Skill Development - Award distribution		Convener Dr. Shivangee Tiwari Chief Coordinator, WEAG BBDITM
				Coordinator Prof. Karishma Lamba Advisor WIE Affinity Group, BBDITM

Event Detail

- Poster competition
- Technical talk
- Skill Development
- Award distribution

Event Date: Sep 15 2022 | 02:00pm

Event Location: 307, E-Block, BBDITM, Lucknow



ACTIVITIES- IEEE SRMCEM LUCKNOW

Department of Electrical Engineering, SRMCEM organizing
"Membership Development Program and Leadership Training"
 LIVE & INTERACTIVE SESSIONS

Chief Patron Dr. Prashant Agrawal Co-Founder, SRMCEM, Lucknow	Patron Dr. Pragna Agrawal Co-Founder, SRMCEM, Lucknow	Chief Guest Prof. S. N. Singh Director, IEEE UP Section UP Region	Guest of Honor Dr. Nishikant Singh Chairman IEEE UP Section IEEE UP Region	Speaker Prof. Jennifer Castillo R. Chair, IEEE WIE, 2022-23 Director Elect Region 9 2022-2023	Speaker Prof. Aaron M. Leger United States Military Academy (USMA), New York
Speaker Dr. Robby Simpson Systems Architect General Electric (GE) US	Speaker Dr. Subham Sahoo Assistant Professor Aditya's University, Bhubaneswar	Chief Convenor Prof. Dr. J. Bhavesh Kumar Chairman Director, SRMCEM, Lucknow	Convenor Dr. Khadim Moin Siddiqui Head, EE & E, SRMCEM, Lucknow Member, IEEE UP UP Region	Organizing Secretary Dr. Sandhya Srivastava Asst. Prof. EE & EN SRMCEM, Lucknow IEEE MIE UP Region	Faculty Coordinator Dr. Jagati Vaidh Asst. Prof. EE & EN SRMCEM, Lucknow IEEE MIE UP UP Region

ALL PARTICIPANTS WILL GET CERTIFICATE OF PARTICIPATION

THUR-MON, 18-22 AUG 2022
7.00 PM ONWARDS

mdieeupsection@gmail.com

SHRI RAMSWAROOP
 MEMORIAL COLLEGE OF ENGINEERING AND MANAGEMENT LUCKNOW

IEEE WIE SRMCEM AFFINITY GROUP PRESENTS
NATIONAL ENGINEER'S DAY CELEBRATION
10TH SEPTEMBER TO 16TH SEPTEMBER 2022

DAY1 WEBINAR	DAY2 POSTER PRESENTATION	DAY3 ROBO SHOW	DAY4 IDEATHON	DAYS5 GROUP DISCUSSION	DAY6 ARTICLE WRITING COMPETITION	DAY7 WEBINAR
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Wie.srmcem@gmail.com

IEEE WIE SRMCEM

DAY 1:

WEBINAR ON

Agenda

IEEE WIE SRMCEM Affinity group celebrates National Engineers day by organizing a skill Development program on 10th September 2022 in online mode. The Session was Delivered by Prof. (Dr.) SK Gupta ,M. Com , FCS, FCMA,Ph.D, MD- RVO of Institute of Cost Accountants of India. The objective of this programme was to make students aware of the latest trends in Emerging Business and Economic Scenario in India .The programme was inaugurated in the presence of Group Director, SRMCEM, Prof(Dr.) Bhavesh Kumar Chauhan, Branch Counselor and DR. . KhadimMoin Siddiqui(HOD EN, Branch Advisor).

The programme received mass participation from the students of SRMCEM with an active technological interaction between the students and the Resource person. Around 20 Faculty Members and 40 Students participated in the program with full enthusiasm. The ending Vote of thanks was given by ER.Sandhya Srivastava (Advisor,WIE Affinity Group).The event was successful and the active participation was commendable.

S.NO	Event Name	Date & Time(ST)	Speakers	Link
1	Membership Development and leadership training	18 th August 2022(7.00-9.00PM)	• Prof. S.N Singh • Prof.(Dr.) <u>Asheesh Kumar Singh</u>	https://youtu.be/VsnVQ52yRig
2	Importance of Standards in Career Growth	19 th August 2022(7.00-9.00PM)	• Dr.Robby Simpson	https://youtu.be/fpMa6ZGeynk
3	Gender differences within: Importance of diverse teams	20 th August 2022(7.00-9.00PM)	• MA'AM Jennifer Castillo • Prof. MohdRihan	https://youtu.be/PvWrc3Kjqo4
4	Leadership Training	21 st August 2022 (7.00-9.00PM)	• Dr. Aaron ST.Leger • Dr. Varun Kakar	https://youtu.be/3qyrbUMgNA
5	Physics Informed machine learning in power electronics.	22 nd August 2022(7.00-9.00PM)	• DrShubhamSahoo.	https://drive.google.com/file/d/14XTSBQILZxsJMB6u7KDSW3PzwmxChz5View7u8p=drivesdsk
6	Poster Competition	23 rd August 2022	-	-

The programme was inaugurated in the presence of Group Director, SRMCEM, Prof(Dr.) Bhavesh Kumar Chauhan, Branch Counselor, Dr. InduPrabha Singh, and Branch Advisor, Dr. KhadimMoin Siddiqui. The programmes received mass participation from the students of SRMCEM with an active technological interaction between the students and the Resource person.

SHRI RAMSWAROOP
 MEMORIAL COLLEGE OF ENGINEERING AND MANAGEMENT LUCKNOW

IEEE WIE SRMCEM AFFINITY GROUP CELEBRATES NATIONAL ENGINEER'S DAY
1ST DAY WEBINAR ON
"EMERGING BUSINESS AND ECONOMIC SCENARIO IN INDIA"

10th September 2022
2:00 PM - 4:00 PM

SPEAKER :-
DR. S K GUPTA
 M.Com,FCS,FCMA,Ph.D,
 MD- RVO of Institute of Cost Accountants of India

Wie.srmcem@gmail.com

IEEE WIE SRMCEM

IEEE WIE SRMEC AFFINITY GROUP

DAY 2:

POSTER PRESENTATION

Agenda

IEEE WIE SRMEC Affinity group celebrates National Engineers day by organizing a poster competition on 12th September 2022 in online mode. The programme received mass participation from the students of SRMEC with an active technological interaction between the students and the Resource person. The event was successful and the active participation was commendable.

DAY 3:

ROBOSHOW

Agenda

IEEE WIE SRMEC Affinity group celebrates National Engineers day by organizing a skill Development program on 12th September 2022 in offline mode. The venue of the program was Bansal institute of Engineering and technology sitatpur road lucknow. The objective of this programme was to make students aware of the latest trends Robotics and various competition held in India. The programme was inaugurated in the presence of HOD EE of Bansal Institute of Engineering and Technology.

The programme received mass participation from the students of BIET with an active technological interaction between the students and the Resource person. Around 20 Faculty Members and 80 Students participated in the program with full enthusiasm. In the end there was a question /answer session organized where the students having doubt can ask questions regarding the session. The event was successful and the active participation was commendable.

Day 5 : GROUP DISCUSSION

Agenda

IEEE WIE SRMEC Affinity group celebrates National Engineers day by organizing a Group discussion on "Digitalization" competition on 13th September 2022. The programme received participation from the students of SRMEC. There were 4 different teams that participated. Two rounds were held where in 1st round two teams were selected and after that the two selected teams were given different topics to express their views. The team "Cold Minded" won the competition. The event was successful and the active participation was commendable.



DAY 6:

ARTICLE WRITING COMPETITION

DAY 7: WEBINAR



IEEE SRMCEM STB & SBCs

Reaching Local School for Humanitarian Activities via Advanced Technology

Organizing Unit : IEEE SRMCEM STB & SBCs

Date : 8th August – 10th August, 2022

Venue : Seth M.R. Jaipuria School, Lucknow

The IEEE Shri Ramswaroop Memorial College of Eng & Mngnt, Lucknow Student Branch in collaboration with the student branch chapters organized an event “Reaching Local School for Humanitarian Activities via Advanced Technology” on three days, 08th August – 10th August, 2022. In the 3 day event, different program were organized such as project competition, poster making competition, quiz contest etc. and awards were distributed to the meritorious students. From this initiative school students were able to understand the big role of IEEE and they will involve with IEEE to solve emerging issues of society via advanced technologies in future.



THREE DAYS PROGRAM 8th August 2022-10th August 2022
"Reaching Local Initiatives"

DAY 1	DAY 2	DAY 3
8th August 2022 PROJECT COMPETITION	9th August 2022 POSTER MAKING COMPETITION	10th August 2022 QUIZ CONTEST

About Program
The main objective of the program to involve school students in STEM activities via IEEE. They also need to understand the role of IEEE for the benefits of humanity via advanced technologies. In this 3 day event, we will organize different program such as project competition, poster making competition, quiz contest etc. and will distribute awards to them. From this initiative school students will understand the big role of IEEE and shall involve with IEEE to solve emerging issues of society via advanced technologies in future.



Chief Patron	Patron	Co-Patron	Judge	Judge	Judge	Convener
Er. Pankaj Agarwal Co-Founder SRMCEM, Lucknow	Er. Pooja Agarwal Co-Founder SRMCEM, Lucknow	Dr. Satish kumar Singh Section Chair, IEEE U.P. Section	Prof. (Dr.) Bhavesh K. Chauhan IEEE Senior Member Advisor IEEE PES Society Director SRMCEM, Lucknow	Prof. (Dr.) Ashwesh Kumar Singh, Immediate Past Chairman, IEEE UP Section, MINNIT, Allahabad	Dr. Varun Kakar Chair, Young Professionals, IEEE UP Section Assistant Professor BITKIT, Uttarakhand.	Dr. Khadim Moiz Siddiqui IEEE Senior Member Advisor, IEEE Student Branch and IEEE SPS SRMCEM, Lucknow

Organizing Committee

Organizing Secretary	Faculty Coordinator	Student Coordinator	Student Coordinator	Student Coordinator	Student Coordinator	Student Coordinator
Er. Sandhya Srivastava Advisor IEEE WIE SRMCEM	Er. Jayati Vaish Co-ordinator	Ambar Misra Chair IEEE SRMCEM SB	Ashutosh Verma Chair IEEE RAS SRMCEM	Himanshi Kapoor Chair IEEE SPS SRMCEM	Aayush Pandey Chair IEEE PES SRMCEM	Shambhavi Shukla Chair IEEE WIE SRMCEM



Presented by :

Ambar Misra (Chair, IEEE SRMCEM STB)

JSS ACADEMY OF TECHNICAL EDUCATION NOIDA(SBC05571)

VLSI Industry and Careers

Agenda

Webinar on opportunities and domains in VLSI industry.

Description

IEEE Signal Processing Society JSSATEN and IEEE Robotics and Automation Society JSSATEN conducted the webinar VLSI Industry and Careers on 24th July 2022 under the guidance of Dr. BP Mishra (Chapter Advisor, IEEE SPS), Dr. Gayatri Shakya (Chapter Advisor, IEEE RAS and Dr. Arun Kumar G (HOD -ECE). The webinar was delivered by Dr. Udit Kumar. The event was hosted by Divyanshu Pandey (Chairperson, SPS) and Saumya Shukla (Chairperson, RAS) was the co-host for the session. 55 participants from various colleges attended the webinar. Dr. Udit Kumar is an experienced semiconductor professional having 15+ years of experience and currently a principal engineer in a leading semiconductor firm. The speaker started with sharing his journey into the semiconductor industry and the experiences he had. This was to give participants a message that with consistent effort there is nothing that can't be achieved. The speaker talked about focus on semiconductor now a days and highlighting the expression that in the 21st century data and semiconductors are the new oil. Semiconductor ecosystem was covered next and then gave an example of SoC architecture and correlating it examples of iPhone blocks. The next thing to be covered was various design flows in VLSI i.e., SoC design flow, ASIC design flow, Analog IP design flow and FPGA design flow each of them was thoroughly explained. In the next section was on Open-source tools for VLSI design and open-source tools for full RTL to GDSII flow as well as STA/LVS were described by the speaker including Yosys, Icarus Verilog, OpenSTA, Magic, Qflow, Openlane etc. The links for downloading all these tools were also provided which was very helpful for the participants. The next sections of the webinar were focused on opportunities for VLSI engineers in India as well as the growth potential in VLSI. Various industry work profiles were discussed. The discussion concluded with information about AI for hardware. This was followed by an interactive Q&A session with the speaker where the participants asked all the queries and doubts which were enthusiastically answered by Dr. Udit Kumar. The participants gave positive feedback about the webinar.

Time and date

24th July 2022

11 AM – 1 PM

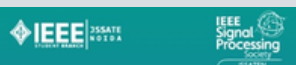
Venue

Virtual (on WebEX)

WEBINAR



Dr. Udit Kumar
15+ years VLSI Industry Experience
PhD-IIT Delhi



VLSI INDUSTRY AND CAREERS

GET A HEADSTART IN VLSI INDUSTRY
Learn about:

- >Soc
- >FPGA
- >Design Flow
- >VLSI open source tools
- >VLSI industry work profiles and opportunities.

And much more...

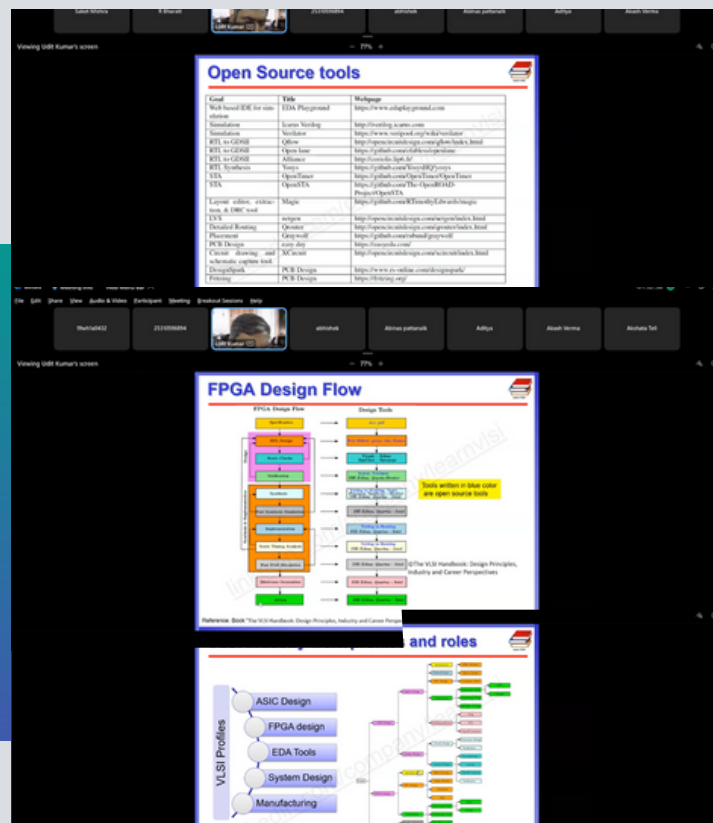
24th JULY 2022
11:00AM -1:00PM

<https://bit.ly/3OdYyGw>

REGISTER NOW

CONTACT US:
DIVYANSHU: +91 98107 04818
SAUMYA: +91 9140198908





RAJKIYA ENGINEERING COLLEGE BANDA (STB11533)

IEEE student Branch REC Banda organized following 2 events between Jul 1,2022 to Sep 15,2022 :

Event 1: A Short term training program on “Internet of Things”

Event 2: Celebration of Engineers Day on “15 September 2022”

Details of each event in prescribed format is mentioned below one by one.

Name of Event : Three day Short term training program on “Internet of Things”.

Agenda : To make students aware about the techniques of Internet of Things

Description

The Institute of Electrical and Electronics Engineers (IEEE) is a professional association for electronic engineering and electrical engineering with its corporate office in New York City and its operations centre in Piscataway, New Jersey. It was formed in 1963 from the amalgamation of the American Institute of Electrical Engineers and the Institute of Radio Engineers. A three day short term training program on IoT was organized by IEEE student branch Rajkiya Engineering College Banda, in collaboration with Buddha Institute of Technology, Gorakhpur. On the first day of this training program, a session on IOT architecture and System Design, was hosted by Prof. Shuvabrata Bandopadhyaya, in the second half of the session hands on training on tinkercad was conducted by Mr. Abhijeet Singh. In continuation to same, on the second day of the training program a session on Understanding Industry 4.0 with IoT was hosted by Mr. Shubhranil Kundu, in the second half of the session hands on training on tinkercad (Day 2) was conducted by Mr. Abhijeet Singh. Further , on the third day of the training program a session on IOT Security and Challenges was hosted by Prof. Manju Khari, in the second half of the session on IOT Biomedical Applications was conducted by Prof. Nagendra Prasad Yadav. The session was commenced by Dr. Pushpendra Singh, Assistant Professor (HOD of Electrical Engineering Department) Rajkiya Engineering College Banda and Dr. Saiyed Saleem Sayeed, Assistant Professor, Buddha Institute of Technology Gorakhpur. The Faculty Coordinator of this three day short term Training Program on IoT were Dr. Mohd. Tauseef Khan (Assistant Professor, REC Banda) and Mr. Ankur Kumar (Assistant Professor, BIT Gorakhpur). With the help of student coordinators of both institutes Rajkiya Engineering College Banda and Buddha Institute of Technology Gorakhpur , the event was conducted successfully..

Time :Day 1 (First session) - 10:00 - 11:30 AM

Day 1(Second session) - 3:00 - 4:30 PM

Day 2 (first session) - 10:00 - 11:30 AM

Day 2 (Second session) - 3:00 - 4:30 PM

Day 3 (First session) - 10:00 - 11:30 AM

Day 3 (Second session) - 3:00 - 4:30 PM

Venue : Google Meet

IEEE Student Branch
Rajkiya Engineering College Banda
&
Buddha Institute of Technology Gorakhpur
Organizes
A Short Term Training Program
on
IOT Architecture
&
System Design
Dr. Shuvabrata Bandopadhyaya
(Associate Professor, School of
Physical Science, Banasthali, Rajasthan)
10:00 - 11:30 AM
13 Sept 2022
For any queries contact : ieeestudent@recbnda.ac.in

IEEE Student Branch
Rajkiya Engineering College Banda
&
Buddha Institute of Technology Gorakhpur
Organizes
A Short Term Training Program
on
IOT: Understanding Industry 4.0 with
Internet of Things
Mr. Shubhranil Kundu
10:00 AM Onwards
14 Sept 2022
For any queries Contact : ieeestudent@recbnda.ac.in

IEEE Student Branch
Rajkiya Engineering College Banda
&
Buddha Institute of Technology Gorakhpur
Organizes
A Short Term Training Program
on
IOT: Hands on Training on
Tinkercad
Mr. Abhijeet Singh
(Assistant Professor, REC Banda)
3:00 - 4:30 PM
13 Sept 2022
For any queries Contact : ieeestudent@recbnda.ac.in

RAJKIYA ENGINEERING COLLEGE BANDA (STB11533)

Celebration of “Engineers day” on 15 September 2022

Agenda : To make students aware about the importance of the Engineers.

Description

Literary & Fine Arts Committee and IEEE Student Branch Rajkiya Engineering College Banda celebrated ENGINEERS DAY on September 15th, 2022. National Engineering Day is celebrated every year in India on September 15 to mark the birth anniversary of Mokshagundam Visvesvaraya, one of the greatest engineers in India. In 1955, he was awarded India's highest civilian award- the Bharat Ratna. The event started with the lamp lighting ceremony, invoking the Hindu goddess of knowledge, Art, and Music. The list of events started with the introductory speech that was given by Vanya Vardhan Singh. In his speech, he mentioned the struggles and achievements of Visvesvaraya's scintillating life. Next in the row were students from the second year who presented a funny skit, that gave us all a clear insight into the hostel life of engineers in an ironic manner. Eshu, a second-year student, recited heart-touching poetry. Then there were some of the interesting facts about every engineering student's life, put forward by Suchitra and Neha. Standup comedy, which left everybody giggling and smiling was performed by Shalini Tiwari. A melodious medley marked the very end of the function. The faculty appreciated every student's effort and encouraged them to organize more such events in the future. A total of 16 students participated in the event. Members of the Literary and Fine Arts Committee and IEEE Student Branch REC Banda coordinated the event.

Time : 5:00 PM

Venue : Seminar Hall, REC Banda.









RAJKIYA ENGINEERING COLLEGE BANDA

CELEBRATES

Engineer's Day

“Engineers turn dreams into reality.”

HAYAO MIYAZAKI.



Seminar Hall



15 Sept 2022



5:00 PM Onwards

AMITY UNIVERSITY UTTAR PRADESH LUCKNOW CAMPUS IEEE STUDENT BRANCH (STB99083)

Amity University Uttar Pradesh Lucknow Campus IEEE Student Branch (STB99083) conducted various events under the coordinatorship of Dr Kamlesh Kumar Singh, Senior Member IEEE, whose details are given below:

1. Title of the Event – "Talk Cum Panel Discussion on IEEE and Humanitarian Technology"

Date: 18th July 2022;

Time: 11:00 A.M. to 01:30 P.M

Keynote Speaker :

Dr. M A Ansari Dr. O P Singh Prof. Rafik Ahmad Dr. K. K. Singh Senior Member IEEE Senior Member IEEE Senior Member IEEE

IEEE Humanitarian Activities Committee
IEEE SIGHT Special Interest Group on Humanitarian Technology
IEEE AUUP LUCKNOW CAMPUS STUDENT BRANCH (STB99083)

Talk cum Panel Discussion on IEEE and Humanitarian Technology

DATE - 18TH JULY 2022
VENUE: AB 3, ASET LUCKNOW

PANELIST

Prof. M A Ansari Chair Humanitarian Technology Activity Committee, IEEE U P Section	Prof. Rafik Ahmad IEEE Senior Member and HOD EE BBDITM Chapter Chair, IEEE U P Section (R10)	Prof. O P Singh HOD, ECE Department, ASET Lucknow	Dr. K K Singh IEEE Senior Member, Student Branch Counselor, IEEE AUUP Lucknow Campus Student Branch
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TECHNICAL SPONSOR
IEEE AUUP LUCKNOW CAMPUS STUDENT BRANCH (STB99083) & IEEE SIGHT UP SECTION

2. Title of the Event – "Awakening the feeling of patriotism in the mind of every citizen"

Date: 01st August 2022;

Time: 11:30 A.M. to 01:00 P.M

Keynote Speaker : Dr. Kamlesh Kumar Singh Senior Member IEEE

IEEE AUUP LUCKNOW CAMPUS STUDENT BRANCH (STB99083)

Topic: Awakening the feeling of patriotism in the mind of every citizen

Speaker: Dr. K K Singh
Date: 01/08/2022
Time: 11:30 am - 01:00 pm
Venue AB 3, ASETL

75 Azadi Ka Amrit Mahotsav
Har Ghar Tiranga
13th-15th August 2022

Organised by
Amity University Uttar Pradesh Lucknow Campus IEEE Student Branch

3. Title of the Event – "SPECTRA: Bring out the Inventor in you"

Date: 26th August 2022;

Time: 09:30 A.M. to 01:30 P.M

JUDGES : Prof. S P Singh Dr. Kamlesh Kumar Singh

IEEE Humanitarian Activities Committee
IEEE SIGHT Special Interest Group on Humanitarian Technology
IEEE AUUP LUCKNOW CAMPUS STUDENT BRANCH (STB99083)

PRESENTS
SPECTRA
BRING OUT THE INVENTOR IN YOU

TIME: 9:30 AM TO 1:30 PM
DATE: 26/08/2022
VENUE: LT 302 AB 3, ASETL

JUDGES

Prof. S P Singh Assistant Professor Department of Electrical Engineering BBDITM, Lucknow	Dr. Kamlesh Kumar Singh Assistant Professor, ECE Amity University Lucknow Campus
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TECHNICAL SPONSOR
IEEE AUUP LUCKNOW CAMPUS STUDENT BRANCH (STB99083) & IEEE SIGHT UP SECTION

AMITY UNIVERSITY UTTAR PRADESH LUCKNOW CAMPUS IEEE STUDENT BRANCH (STB99083)

4. Title of the Event – "PROECTURA: Project presentation Event"

Date: 26th August 2022;

Time: 02:00 P.M. to 05:00 P.M

JUDGES : Prof. Rafik Ahmad Dr. Deependra Pandey

5. Title of the Event – "AMALGAM 2022"

Date: 14th – 18th September 2022;

Time: 09:30 A.M. to 05:30 P.M

IEEE Seasonal School in Signal Processing (S3P) is a highly prestigious educational programme sponsored by the IEEE Signal Processing Society (SPS) around the world. Every year a very few seasonal schools are sponsored by the IEEE Signal Processing Society across the globe. IEEE Amity University Uttar Pradesh Lucknow Campus Student Branch (STB99083) was Host University cum co-organizer along with BTKIT Dwarahat for the above Seasonal School in Signal Processing (S3P).

Keynote Speakers :

1. Prof. Mohd. Wajid AMU
2. Dr. Pragya Singh IIITA
3. Dr. Ajeet Kumar CNIT Italy
4. Dr. Varun Kakar BTKIT Dwarahat
5. Dr. Nayneesh Kumar Mishra
6. Dr. Saaveethya Sivakumar Curtin University, Malaysia
7. Professor S. N. Singh IIT Kanpur
8. Dr. Satish Kumar Singh IIITA
9. Prof. J RamKumar IIT Kanpur
10. Dr. Shiv Ram Dubey IIITA
11. Dr. Shitala Prasad Scientist, Institute of Infocomm Research, A*Star, Singapore
12. Dr. Priya Ranjan Muduli IIT BHU
13. Dr. Vinod Mishra MMTU Gorakhpur

6. Title of the Event – " International Guest Lecture On "Prakash Shakti (Photonics): Opportunity and Challenges for Atma-Nirbhar Bharat"

Date: 19th September 2022;

Time: 03:00 P.M. to 05:00 P.M

Keynote Speaker : Naresh Chand, PhD, Life Fellow IEEE Associate Vice President, Chapter relations IEEE Photonics Society, New Jersey, USA

AWARD & ACHIEVEMENTS



भारतीय राष्ट्रीय अभियांत्रिकी अकादमी
Indian National Academy of Engineering

Ground Floor, Block-II, Technology Bhavan, New Mehrauli Road, New Delhi- 110016

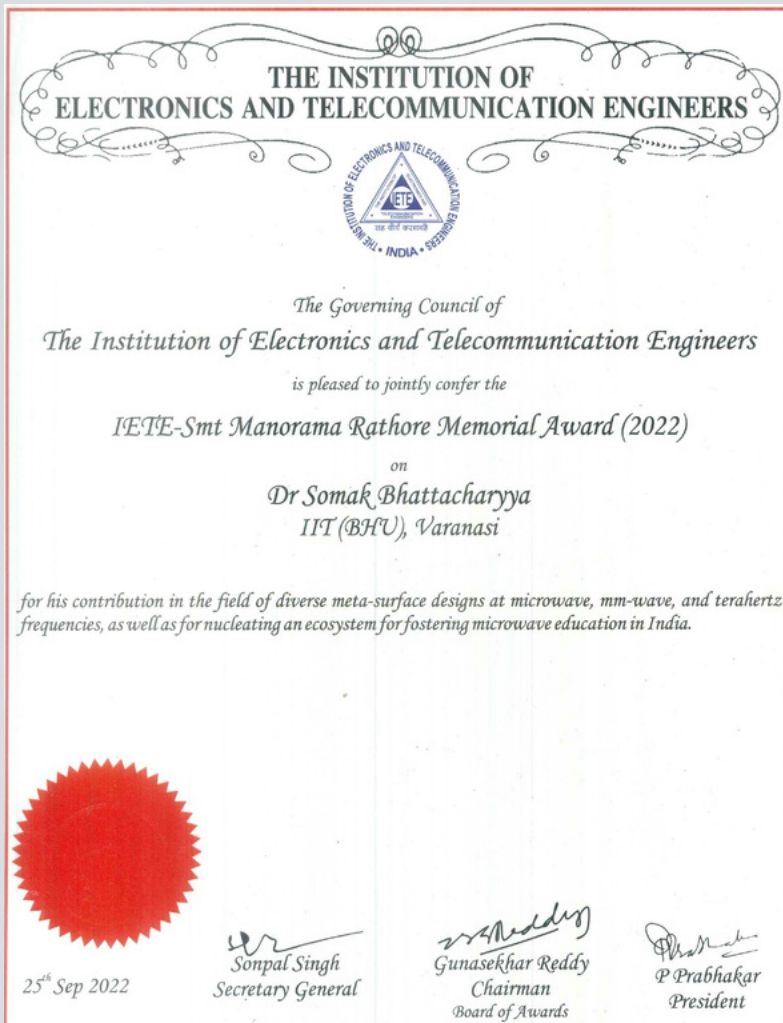
भूतल, ब्लॉक-II, प्रौद्योगिकी भवन, न्यू मेहरौली रोड, नई दिल्ली-110016

दूरभाष/Phone: (91) 011-26582475, ई-मेल/Email: inae@inae.in, वेबसाइट/Website: www.inae.in

CONGRATULATIONS SIR !!

-Dr. J Ramkumar

Dr. J Ramkumar has been elected as a Fellow of the Indian National Academy of Engineering by the Governing council. IEEE UP SECTION feels a great pleasure to announce this good news among all the section members.



AWARD & ACHIEVEMENTS

Awards Received by Honorable Dr. Sri Niwas Singh



RECOGNITIONS

Manifestation of IEEE Uttar Pradesh Section Young Professional Star Award for the Month of November 2021



About Dr. Anand Sharma

Anand Sharma obtained Bachelor of Technology from Uttar Pradesh Technical University Lucknow in 2012, Master of Technology from Jaypee University of Engineering and Technology Guna in 2014, and Ph.D. in RF and Microwave from Indian Institute of Technology (ISM), Dhanbad in 2018. After that, he joined Government Engineering College Sonbhadra, U.P. as an Assistant Professor in Electronics Engineering Department and left the college in June 2019. Currently, he holds the position of Assistant Professor in the Department of Electronics and Communication Engineering, Motilal Nehru National Institute of Technology Allahabad, Prayagraj, U.P., India. He has published more than 60 articles in the International Journal (SCI Indexed) and also presented more than 40 articles in National/International Conferences. His area of research includes MIMO Antennas, Antenna for IoT Applications, Circularly Polarized DRAs, Ultra Wideband and Super Wideband Antennas, Wearable Antennas, Antenna optimization using machine learning. Dr. Sharma is working as an expert reviewer for several International Journal of repute such as IEEE Transactions on Antenna and Wave Propagation, IEEE Antenna and Wireless Propagation Letter, AEU-International Journal of Electronics and Communication Engineering, Microwave and Optical Technology Letter and so-on. He is also doing some research projects on antennas funded by SERB New Delhi, CST UP, MHRD New Delhi. His name is also included in the list of "World Ranking of Top 2% Scientists" in 2021 database created by Stanford University, USA, 2021

1. What are your words of motivation?

As I feel, there are two things by which you can get success: hard work and patience. When you do the research, most of the time you will not get the desired result. At that time, don't be disappoint. Keep trying. You will surely get the success. I always believe in the following quote: "Believe in yourself and all that you are. Know that there is something inside you that is greater than any obstacle"

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

First time, I have joined the IEEE as a student member during PhD from IIT(ISM), Dhanbad in 2014. My department (i.e. Electronics Engineering) at IIT(ISM) Dhanbad has a student branch chapter. There are lots of activities conducted by the student branch such as expert lectures from India and abroad. These activities were helped us to make the research collaboration with good research group. We got the fee concession to register in good conferences sponsored by IEEE. These were the reasons, which attracted me to join IEEE at that time.

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 the IEEE in 2014 as a student member. During PhD, I have done active volunteering in IEEE sponsored 2nd ICMAP-2016 organised by IIT(ISM) Dhanbad. After joining MNNIT Allahabad, I have taken the charge of IEEE student branch counsellor in 2020. As a convenor, I have organised several webinars, workshops under the flagship of IEEE. These are highly beneficial to the research students.

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?

In my opinion, IEEE membership is highly beneficial for the person who initially enters in research related activities. IEEE provides the different grants for supporting the PhD students having good research ideas. IEEE also provides the travel grant to attend different reputed conferences/workshops, which is also advantageous to improve the networking. IEEE also provides the grant for Humanitarian research project, which will helpful to enhance the professional growth. I got several benefit from IEEE membership such as get concession in registration fees in different reputed conferences as well as I can read some of the research article related to my field without any subscription.

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?

In my opinion, we should focus on organising the more number of workshops/training program/conferences related to newly developed technologies such as AI, IoT, 5G and beyond. The aim of such type of workshop/training program is designed in such a way that they will not only provide the introduction of such technologies, but also give some idea how one can use them for humanitarian development. More industry and academic collaboration will also helpful in the same direction.

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

There are large numbers of benefits for joining IEEE as young professional. First and most important one, it provides a great opportunity to increase our network with good research group in our area. IEEE also provides the grant to different students at PhD and master's level in order to support their good research ideas. So, in my opinion, young professionals should join the IEEE as early as possible for boosting their career.

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?

With the help of scientific research, one can solve big problems of the world. For example, if we have a smart health care system, then we can efficiently stop the spreading of COVID-19. The concept of IoMT will help a lot in this area. In the similar manner, IEEE will help us to identify such a real time problems and also give ideas to solve them efficiently

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

Currently, I am working on efficient antenna design for 5G communication system as well as for IoT applications. Such types of antennas have highly useful in smart city development. SERB, New Delhi and CST, UP have given the funding to solve the aforementioned research problem.

RECOGNITIONS

Manifestation of IEEE Uttar Pradesh Section Young Professionals Star Award for the Month of October 2021



About Dr. Anurag Vijay Agrawal

Dr. Anurag Vijay Agrawal (M'2012 – SM'2022) received the B.Sc. Degree in Mathematics and Physics followed by B.E. Degree in Electronics and Communication Engineering with First Class in Honours from M.J.P. Rohilkhand University, Bareilly. He received his M.E. degree in Electronics and Communication Engineering from Panjab University, Chandigarh and Ph.D. from Department of Electronics and Communication Engineering at Indian Institute of Technology, Roorkee. The topic of his research for M.E. was "Reconfigurable Rectangular to Polar Converter for Multiband and Multimode Wireless Communications using Linear Convergence," where a Rectangular to Polar Converter was designed, simulated, VHDL codes were developed, and the hardware synthesis was done on Xilinx Virtex2 FPGA using Xilinx ISE 10.1. His Ph.D. research topic is "Energy-Efficient MIMO/Massive MIMO Communication with Practical Power Amplifiers for Intelligent Transportation Systems". The research work comprises a three-way analysis covering the effect of mobility on various antenna configurations, the linearization effect at various mobilities, and the impact of different multiple-input multiple-output (MIMO) configurations. The work reports that the energy required to drive power amplifiers (PAs) for reliable broadband communications at higher speeds is more, even with the digital pre-distortion (DPD) technique. The proposed model is simple and sufficiently accurate and provides an end-to-end performance in the presence of both DPD and PA. From August 2001 to March 2012, he was serving as Lecturer and then as Assistant Professor at Kunwar Satya Vira College of Engineering and Management, Bijnor (U.P.). He has worked as Senior Manager (ICT and Entrepreneurship) with KIS Campus (Khemman International Society), Bijnor (U.P.) from April 2012 till his selection for Ph.D. programme at IIT Roorkee in December 2014. He worked as a Teaching Assistant for Advanced Digital Filter Theory and Software Defined Radios subjects at IIT Roorkee from 2015 to 2020. Presently, he has been working as Program Manager, Electronics & ICT Academy, IIT Roorkee from March 2022. The Academy is an initiative supported by MeitY, Government of India, to train teachers, students, and working professionals through online and classroom modes. Dr. Agrawal works for MoUs with Universities, colleges, government departments, and professional bodies. He has been designing and implementing courses based on contemporary and emerging technologies and organizing technical and academic events involving faculty, industries, MSMEs, and students. He is responsible for the execution and administration of training programmes, curriculum development, interaction with industry representatives and Government organizations for collaboration and planning, coordination with academy staff to ensure successful project management and the academy's day-to-day activities. He has filed/published/registered two patents, four designs, two copyrights, two books (one Indian and another United States publication), five international journal papers, five international conference papers.

government departments, and professional bodies. He has been designing and implementing courses based on contemporary and emerging technologies and organizing technical and academic events involving faculty, industries, MSMEs, and students. He is responsible for the execution and administration of training programmes, curriculum development, interaction with industry representatives and Government organizations for collaboration and planning, coordination with academy staff to ensure successful project management and the academy's day-to-day activities. He has filed/published/registered two patents, four designs, two copyrights, two books (one Indian and another United States publication), five international journal papers, five international conference papers. authorized to use the title and work as Chartered Engineer (India) since 2016. He is a Member, LITD 29 Block chain and Distributed Ledger Technologies Sectional Committee, Bureau of Indian Standards, since 2017. He has been a Member, IEEE Smart Cities Marketing and Education Committee, since 2021. He has been part of Indian Delegation for the plenary and WG meetings of ISO/TC 307 Blockchain and distributed ledger technologies (May-June 2022, Virtual Plenary) at ISO, the International Organization for Standardization.

1. What are your words of motivation?

Bhagavad Gita (The Song of God), pronounced generally as Gita, is an epic scripture. It was considered as a spiritual dictionary by Mahatma Gandhi and was a book of motivation for many leaders of the Indian Independence movement. The Bhagavad Gita Quotes are motivational for every person whoever want to be on the right path in her/his life and looking for inspiration to keep her/him motivated towards the goal. I admire the Bhagavad Gita quotes "If you want to be Great, Think Great and Positive" "You are what you believe in, you become that which you believe you can become".

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

During my post-graduation, I happened to be the Student Member of IEEE. I attended many IEEE events, volunteered a few also and realize that IEEE is a good means to know about emerging technologies in the world of engineering research and advancements.

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?

When I joined IIT Roorkee for Ph.D. programme, then I become the Founder Chair, IIT Roorkee IEEE ComSoc Student Branch Chapter. I have organized many programmes including Guest Lectures, Quiz Competitions, IEEE Day celebrations, Discussion Forums and then realized that IEEE does not only provide opportunities to learn about latest developments in the engineering and technical areas but it is also a means for socializing and networking. It is a means to connect with the society and to make them learn about Science and Technology.

RECOGNITIONS

Manifestation of IEEE Uttar Pradesh Section Young Professional Star Award for the Month of December 2021



About Dr. Om Jee Pandey

Om Jee Pandey (Senior Member, IEEE) received the B. Tech. degree in electronics and communication engineering from Uttar Pradesh Technical University, Lucknow, India, in 2008, the M. Tech. degree in digital communications from the ABV-Indian Institute of Information Technology and Management, Gwalior, India, in 2013, and the Ph.D. degree from the Department of Electrical Engineering, Indian Institute of Technology Kanpur, Kanpur, India, in 2019. He worked as a Postdoctoral Fellow with the Communications Theories Research Group, Department of Electrical and Computer Engineering, University of Saskatchewan, Saskatoon, SK, Canada. From 2008 to 2011, he worked with Escorts Ltd., and FANUC India Private Ltd. He was a Senior Lecturer with the Jaipur Engineering College and Research Centre, Jaipur, from 2013 to 2014. He worked as an Assistant Professor with the Department of Electronics and Communication Engineering, SRM University, Amaravati, Andhra Pradesh from December 2019 to November 2021. Currently, he is working as an Assistant Professor with the Department of Electronics Engineering IIT BHU Varanasi, Uttar Pradesh, India. His research interest includes the signal processing, communications, and networking for wireless networks with a specific focus on sensor node localization and tracking over wireless ad hoc networks. He also works on related areas, such as low-latency data transmission, time synchronization, data aggregation, and distributed detection and estimation in wireless sensor networks. Currently, he is also working in the area of UAV-assisted edge and fog networks, RIS-assisted wireless communication for improving the quality of service issues of 6G communication systems. He is a Regular Reviewer for various reputed journals of IEEE, including the IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, IEEE ACCESS, IEEE INTERNET OF THINGS JOURNAL, IEEE SENSORS JOURNAL, IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS, and the IEEE TRANSACTIONS ON COMMUNICATIONS.

1. What are your words of motivation?

In my opinion, hard work is the key of success and we should always try our best to achieve it. I love the lines “Koshish Karne walon ki Kabhi Haar Nahi Hoti” and encourage all the young minds that please follow your dreams on similar lines.

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

IEEE is a diverse organization with a large number of researchers and scientists associated with it. IEEE keeps us updated with recent and emerging technologies leading to improve our knowledge in the field of our research interest. IEEE is an organization which helps and motivates individuals to work in the direction of technical innovation towards humanity and the profession. By joining IEEE, the researchers are updated with recent and emerging technology of their field of interests. IEEE provides a good networking and career enhancement platforms. IEEE also provides exclusive member benefits. Some key features which made me to join IEEE are listed as follows:

1-Networking opportunities: IEEE is helping me to get connected with researchers of my research field across 160 countries. We can improve our research collaboration by joining IEEE.

2-Access to cutting-edge knowledge: IEEE updates me with latest technology through IEEE Spectrum Magazine and IEEE Explore.

3-Member discounts: It provides unique member discount for attending conferences and events conducted and sponsored by IEEE.

4-Career Enhancement: IEEE provides several awards, scholarships, and fellowships which would help individual to grow in their professional career.

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 am a senior member of IEEE and regularly attend the conferences and seminars conducted and sponsored by IEEE. I am a regular reviewer for various journals of IEEE including IEEE Transactions on Vehicular Technology, IEEE Transactions on Wireless Communications, IEEE Transactions on Communications, IEEE Transactions on Network and Service Management, IEEE Transactions on Green Communications and Networking, IEEE Internet of Things, IEEE Sensors Journal, IEEE Systems Journal, and IEEE Access. I also served voluntarily various conferences of IEEE as TPC member including 2019 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (PACRIM). I also work as regular reviewer for several IEEE conferences. Additionally, I am always happy to provide my services to IEEE which is an organization for the benefits of humanity.

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?

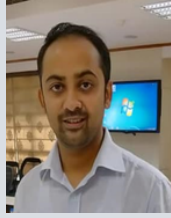
The most important advantage of IEEE membership is getting updated with latest technology via IEEE spectrum magazines, newsletters, and IEEE Explore. If we are the members of IEEE, the organization regularly sends us latest updates through aforementioned mediums to get updated with latest technology. Additionally, IEEE provides us a good networking platform which helps us improve our research outputs by sharing and exchanging the knowledge. Furthermore, IEEE helps us to get registered with reduced charges at various conferences, workshops, and events sponsored by IEEE. In addition, IEEE also provides us travel support to attend the conferences and workshops. For instance, I received student travel grant support from IEEE to attend IEEE COMSNETS 2019 to present one of my research papers.

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?

As a young professional, I would like to deliver and attend various technical talks organized by IEEE, where we can get updated with latest technology in several fields. Apart from technical talks there must be several professional talks which help individuals to learn various things such as writing a good paper skill, conducting and organizing good conferences. There should be strong awareness about several IEEE awards and grants which help individuals to grow in their professional field along with financial supports. There must be a regular meeting where we can exchange our ideas towards the development of this professional body. In addition, we should call several new ideas from individuals towards the growth of this group and the few best ideas must get rewarded in some forms.

RECOGNITIONS

Manifestation of IEEE Uttar Pradesh Section Young Professional Star Award for the Month of January 2022



About Dr. Prakash Dwivedi

Dr. Prakash Dwivedi received a Bachelor of Technology degree in Electrical Engineering from the Faculty of Electrical & Technology, Gurukul Kangri Vishwavidyalaya, Haridwar, India in 2008, Master of Technology in Signal Processing & Control from the Department of Electrical Engineering, National Institute of Technology, Hamirpur, India in 2010 and a Ph.D. degree in Control System from Department of Electrical Engineering, Visvesvaraya National Institute of Technology Nagpur, India in 2018. He is currently an Assistant Professor (Grade-I) at the Department of Electrical Engineering at the National Institute of Technology, Uttarakhand, India. His research areas are Control Scheme for Various Applications in Power System and Power Electronics Such as Load Frequency Control of Multi Interconnected Area for Hybrid Micro-Grid systems, Close Loop Control of DC-DC Isolated and Non-isolated Converter, Bi-directional DC-DC Converter, Fractional Control System, Anti-Windup Techniques, etc.

1. What are your words of motivation?

I belong to a middle-class family from Uttarakhand. Middle-class families have many expectations from their children. My family also had a lot of expectations from me. But in higher secondary examinations, I did not get the results as expected, and my father advised me to go for BSc. So I took admission in BSc, but I wanted to pursue B. Tech. Then I started preparing for the same by myself and got admission in Electrical Engineering. After completing my B. Tech. one of my friend's fathers suggested that I should go for a master's program at NIT, but I was not sure that I could do it. They forced me to do it, told me to believe in myself, and go for it. Today, I am doctorate and working here at NIT Uttarakhand as an Assistant Professor. Therefore, believe in yourself, don't be disappointed with your failures, and try for your goal consistently.

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

When I was working as a teacher at NIT Uttarakhand in 2014, I realized if I need to continuously evolve and explore my area of research then IEEE will help me a lot. The community there would motivate and guide me to do better. So I joined IEEE at that time.

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 worked as a conference chair at the UPCON conference in November 2021. I have organized several events under the student branch chapter of IEEE NIT Uttarakhand. All these activities helped me to discover new exciting things about my field from my colleagues and also guide my students in the same.

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 an IEEE member, I have enjoyed several perks which were helpful in my career growth. It provided me the opportunity of networking with the people who are working in my area of interest. I got discounts on registration fees for events sponsored by IEEE. Also, I got the opportunity to read high-quality articles and newsletters free of cost.

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 changes I would suggest to evolve this professional body as a group devoted to humanity and its causes is that we focus and promote our research to solve problems that need immediate intervention such as pollution, healthcare, and education.

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

IEEE is the best platform for one's professional development. They help you build professional relations which can lead to some great joint ventures. New research around the world is presented through newsletters in a structured manner. You get an opportunity to attend several conferences/ workshop and get new exciting ideas.

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?

Science is valued by society because the application of scientific knowledge helps to satisfy many basic human needs and improve living standards. Research in the field will help humanity in creating a sustainable future by creating energy-efficient systems. Things like E-vehicles, and solar energy will be a great tool to solve the energy crises we are facing. This field also helps in automating dangerous and repetitive human tasks. Innovation in this field will help society in tackling challenges in different sectors such as transport, farming, and healthcare.

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

Presently, I am trying to design the power converters and controllers for E-Vehicles in hilly terrain. The technology help in the efficient energy usage of energy in vehicles and will reduce our energy consumption drastically.

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

Be hardworking and innovative. And do any work assigned to you, thinking you are doing it for yourself.

10. Anything else that you would like to add?

It is an honour and I would like to thank the IEEE Uttar Pradesh section young professional committee for considering me worthy of this award.

TECHNICAL ARTICLE

TRANSFORMATION OF ARTIFICIAL INTELLIGENCE THROUGHOUT THE YEARS

BY JAYESHA MALHOTRA

INTRODUCTION

Artificial intelligence (AI) is a technique for training a computer, a robot, or a device to think creatively like a human. It is the analysis of how the human brain functions while attempting to solve issues. The study's eventual product is intelligent application software. AI seeks to enhance computer abilities that are connected to human understanding, such as problem solving, learning, and reasoning.

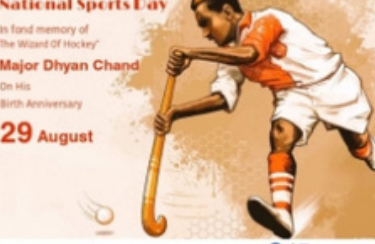
Presently, AI is employed in practically every industry, offering businesses that adopt it widely a technological advantage. In comparison to previous research methods, AI has the ability to add 50% more economic benefit to the banking industry and 600 billion dollars of value to the retail industry.

The first initiatives to characterise human consciousness as a symbolic system by classical thinkers are where artificial intelligence (AI) got its start. The phrase "artificial intelligence" was first used in a conference at Dartmouth College in Hanover, New Hampshire, in 1956, but the field of AI was not fully established until then. It wasn't easy, nevertheless, to create an artificially intelligent being. Public money and interest in the subject declined following multiple publications that criticised the advancement of AI; this time frame, from 1974 to 1980, came to be known as the "AI winter." Later, the field was revitalised in the 1980s when the British government began supporting it once more, partly to counteract Japanese advances.

In a nutshell, AI provides cutting-edge technology to deal with complex data that a human being cannot handle. AI automates redundant jobs allowing a worker to focus on the high level, value-added tasks. When AI is implemented at scale, it leads to cost reduction and revenue increase.

COLLAGE OF EVENTS

National Sports Day
In fond memory of
"The Wizard of Hockey"
Major Dhyan Chand
On His
Birth Anniversary
29 August



www.bbdnlt.ac.in

Financial Support for IEEE Student Branches

Sl.	Membership Category	Amount
01	Students having less than 100 students	₹ 10000
02	Students having 10 to 49 students	₹ 8000
03	Students having 50 to 99 students	₹ 7000
04	Students having 100 to 499 students	₹ 6000
05	Students having 500 or more students	To be decided later by committee

The reimbursement of the above financial support is subject to the submission of the report of the activities with photographs and videos to:

- 1. To Email: IEEEevents@ieee.org
- 2. To Website: <https://www.ieee.org/india/branches>
- 3. To Website: <https://www.ieee.org/india/branches>

All participating branches must include the following activities in their IEEE Day schedule:

1. One membership promotion activity (email campaign with attachment to all the faculty and students).
2. One social activity (Networking, discussion on any topic of general interest).

PEAKER: Mr. Piyush Kumar Mishra
Research Scholar
BNNIT Allahabad

TOPIC: Role of RF and Microwave in Bio-Medical Applications

PLATFORM: Google Meet

Note: All the participants will receive the certificate.

07:00 PM (IST+5:30)
29th August 2022

For Any Query Contact SSAC Team:
ieeeupssac@gmail.com

REGISTER

FOR MORE INFO, VISIT
IEEEEXTREME.ORG

Grab your Tickets now!

TICKET

aisywc.in

Powered by IEEE

IEEE STUDENT BRANCH
BBD Institute of Technology and Management

is privileged to announce that our,
POWER AND ENERGY SOCIETY
has bagged the funding of \$327 in
PES HPSBCP'22
PES High Performing
Student Branch Chapter Program

Kudos to the whole team for their hard work!!

WINNERS OF DIGITAL EVENTS

1st - DIGITAL POSTER
DURGA DEVI
KARNATAKA, INDIA

1st - COLLAGE MAKING
AYESHA AHAD
BIHAR, INDIA

1st - CALLIGRAPHY
AREPITA MAHESHWARI
ODISHA, INDIA

WINNERS OF DIGITAL EVENTS

1st - PATRIOTIC DANCE
AADYA SRIVASTAVA
UTTAR PRADESH, INDIA

1st - VIDEO CREATION
UTSAV KUSHWAHA
UTTAR PRADESH, INDIA

1st - PAINTING
AAKRITI
UTTAR PRADESH, INDIA

WINNERS OF LIVE EVENTS

1st - IMPROMPTU
SANSKRUTI RAJU
ODISHA, INDIA

1st - ENGLISH DEBATE
ADYASA NAYAK
ODISHA, INDIA

1st - SPEECH
DHURUV MARATHE
GUJARAT, INDIA

1st - HINDI DEBATE
DHURUV MARATHE
GUJARAT, INDIA

WINNERS OF LIVE EVENTS

1st - IMPROMPTU
SANSKRUTI RAJU
ODISHA, INDIA

1st - ENGLISH DEBATE
ADYASA NAYAK
ODISHA, INDIA

1st - SPEECH
DHURUV MARATHE
GUJARAT, INDIA

1st - HINDI DEBATE
DHURUV MARATHE
GUJARAT, INDIA

IEEE UTTAR PRADESH SECTION, FEELS PROUD TO CONGRATULATE - IEEE BBDITM SB & IEEE IITK SB

PES HPSBCP'22
Region 10

Region	Country	IEEE PES Student Branch Chapter Name	SPESBCP 2022 Funding (\$)
Region 10	India	Baba Saheb Dadasaheb Phule Institute of Technology, Bhopal, P.O. Box 1031014	\$327
Region 10	India	Indian Inst of Technology, Kanpur, P.O. Box 1031014	\$327

CONGRATULATIONS TO ALL THE WINNERS!



IEEE BBDITM wishes "HAPPY INDEPENDENCE DAY" to all the countrymen. Jai Hind

#HAROHARTIRANGA

करने में जुटे बीएचयू के विज्ञानी

अंतर्राष्ट्रीय सम्मेलन

आज, अंतर्राष्ट्रीय विज्ञान दिवस के रूप में यह दिन अंतर्राष्ट्रीय स्तर पर मनाया जा रहा है। बीएचयू के विज्ञानी इस अवसर का पूरा फायदा उठा रहे हैं। वे अपने-अपने क्षेत्रों में अंतर्राष्ट्रीय स्तर पर सम्मेलनों में भाग ले रहे हैं।

HINDI DEBATE COMPETITION

JUDGE: HIMANSHU TIWARI
ASSISTANT PROFESSOR
VEER BHADUR SINGH
PURVANCHAL UNIVERSITY
JAUNPUR.

Time: 02:00 pm

The form for registration will be closed on 14th Aug at 09:00 pm sharp.

विषय:- एक साधारण मनुष्य के परिचय में क्या हम वाक्य में सक्षम हैं?

Participant is allowed to speak in HINDI only.

DEBATE COMPETITION RULES:-

1. You have to speak for the topic or against the topic.
2. Each participant will get 5 min to present their opinion.
3. There will be a stopwatch to record the time.
4. You will be reminded when 1 min is left and you will have to stop as soon as 5 minutes are completed.

JOIN IEEE BBDITM ON 10th AUGUST, 2022 TO CELEBRATE

75 Azadi Ka Amrit Mahotsav

संस्कृतिक। जयहिंद की भावना

जयहिंद की भावना को सभी के मन में जगाना। जयहिंद की भावना को सभी के मन में जगाना। जयहिंद की भावना को सभी के मन में जगाना।

DEBATE COMPETITION

JUDGE: DR. PREETI MISHRA
IC PRESIDENT
BBDITM, LUCKNOW.

Time: 02:00 pm

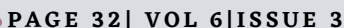
The form for registration will be closed on 14th Aug at 09:00 pm sharp.

TOPIC: India should not Celebrate Independence Day until



JOIN IEEE BBDITM ON 10th AUGUST, 2022 TO CELEBRATE

75 Azadi Ka Amrit Mahotsav



COLLAGE OF EVENTS



COLLAGE OF EVENTS

Faculty of Engineering and College of Computing Sciences & IT
TEERTHANKER MAHAVEER UNIVERSITY, MORADABAD

Cordially invites you to attend

TECHNO FEST

10th - 12th October, 2022

Venue : LT2, CCSIT | Time : 11:00 AM - 05:00 PM

Category for Proposal

- Design for Building Bridges
- Designing Drones
- Designs for building Tall Buildings
- Designing River Cuts
- Use of LED

Team Members

Yashal Gupta | Ms. Maryam Tahira | Ms. Shikha Gaurish | Ms. Anshika Jain | Ms. Pankaj | Mr. Ajay Chakravarti | Dr. Pankaj K. Goswami | Dr. Gurima Goswami | Dr. Ms. Nisha Singh | Ms. Nisha Singh | Ms. Anvi | Ms. Anshika Sharma

ASSOCIATION WITH RAS SOCIETY

is Organizing a Webinar on

ROADMAP FOR SOFTWARE DEVELOPMENT

ON THE OCCASION OF IEEE DAY

Speaker: **Prateek Bajpai**

DEVELOPING SOFTWARE @COMMUNITY TECHNICAL TRAINER

REGISTER HERE

PSIT is Organizing

IEEE PSIT WOMEN IN ENGINEERING AFFINITY GROUP

is organising

WIE SHECODES 1.0

On the Occasion of IEEE day

Description:

- This will be a hackathon challenge organized by WIE.
- It will be for female candidates only.
- Winner will get a goodie and a certificate.

Rule you must remember:

- If code is found to be plagiarized from web resources, it will lead to disqualification.

REGISTRATION STILL OPEN!!

09 OCTOBER 2022

SCAN TO REGISTER

THE CLOCK IS TICKING

3 DAYS REMAINING

REGISTER NOW

xtreme.vtools.ieee.org

IEEE PSIT STUDENT BRANCH

ON THE OCCASION OF IEEE DAY

presents

TANCE AND IMPACT OF IEEE STANDARDS EMERGING TECHNOLOGIES

9th OCT | TIME : 11:00 AM - 05:00 PM

PLATFORM: ANY SOCIAL MEDIA

scan and register

contact us - ieee@psit.in

PSIT is Organizing

IEEE PSIT Nano Technology Council

CELEBRATES

9th OCTOBER POST DAY

SHARE YOUR VIEWS THROUGH POSTERS, 1-MINUTE AUDIO OR VIDEO, BLOGS, ARTICLES, ETC AND TAG IEEE PSIT SB.

9th OCT

PLATFORM: ANY SOCIAL MEDIA

SHARE YOUR ENTRIES HERE

Dr. Anil K. Singh, Dr. Anil K. Singh, Dr. Anil K. Singh

Dr. Anil K. Singh, Dr. Anil K. Singh, Dr. Anil K. Singh

Dr. Anil K. Singh, Dr. Anil K. Singh, Dr. Anil K. Singh

Dr. Anil K. Singh, Dr. Anil K. Singh, Dr. Anil K. Singh

Dr. Anil K. Singh, Dr. Anil K. Singh, Dr. Anil K. Singh

JSS MAHAVIDYAPEETHA

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

WEBINAR

How AI/ML & IoT learning help to develop products in the fields of healthcare, telecom, agriculture and smart cities.

DATE: October 9th, 2022

TIME: 5:30 PM

MODE: ONLINE (ZOOM)

Register now

eleve8

WING OF MAINSTREAMTEK, USA

IEEE 50th Anniversary Institute of Technology

In association with IEEE TEMS, EDIS, COMSOC

TechFest

POWER QUALITY IMPROVEMENT USING DISTACOM

IEEE EXPO 2K22

10 October, 2022

10:00 AM - 5:00 PM (IST)

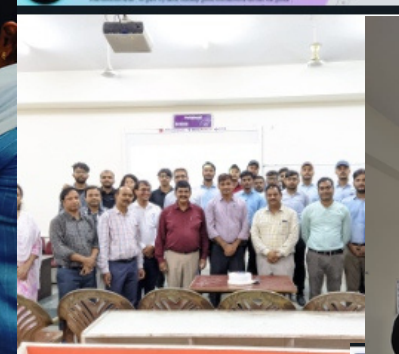
Dr. Gunjan Varshney, SMIEEE

Assistant Professor, Department of Electrical Engineering, JSS Academy of Technical Education, Noida, UP

Staff Coordination: Mr. M. Arun, APTTEE

Student Coordination: Lakshya, Subhishita

Register at: http://Power_quality



AMALGAM 2022

14th September – 18th September, 2022 | At ASET, Amity University Lucknow Campus

Applications of Machine Learning in SiGnal, ImAge & CoMputer Vision

Sponsors: IEEE Signal Processing Society, IEEE Professionals

Organizers: AMITY UNIVERSITY LUCKNOW CAMPUS

IEEE PSIT POWER AND ENERGY SOCIETY

ON THE OCCASION OF IEEE DAY

is Organizing a webinar on

APPLICATIONS OF MACHINE LEARNING IN AGRICULTURE

ATIF MAHMOOD (Research cum Teaching Fellow)

6th October 2022

Register Here

ieee.pes.psit@gmail.com

STUDENT MESSAGES



MARUFA EMROZ

"IEEE organization helps me to develop your communication skills , personality development and many more, this is the platform where u have to increase thinking in different areas of network".



VIJAYA SHUKLA, SIGHT CHAIR IEEE BBDITM LUCKNOW

"Being a part of IEEE, the largest professional organisation in the world devoted to the promotion of technology, as well as WIE, an excellent resource for women and girls in STEM areas, makes me really happy. With more freedom, volunteering outside of IEEE will give you the opportunities and resources you need to stay up with the rapid speed of technological progress.."



RAVI PRATAP SHUKLA, CS SOCIETY IEEE BBDITM LUCKNOW

"IEEE is very unique for me because IEEE are help to develop public speaking "



KRITI AGRAWAL , SB SECRETARY IEEE BBDITM LUCKNOW

"Being able to speak in public was a challenge for me. IEEE gave me the platform to overcome that in the most successful way."



ANURAG BAJPAI, CHAIR IEEE PSIT STUDENT BRANCH (STB-14028)

"It is my privilege to be an IEEE member, being an IEEE member stipulates that you are advancing in the direction of technology and creating something new for the world that enhances your technological and professional career."

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