

JANURAY - MARCH, 2022

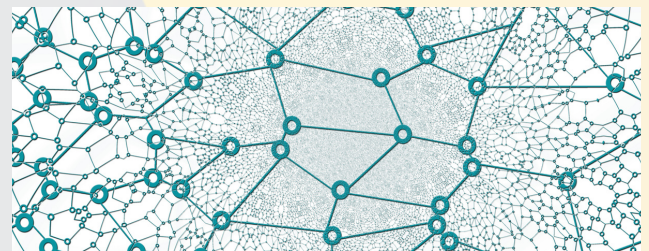
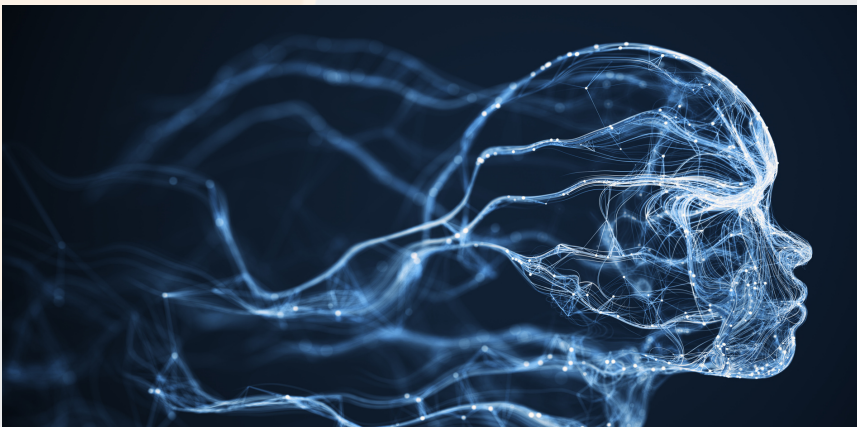
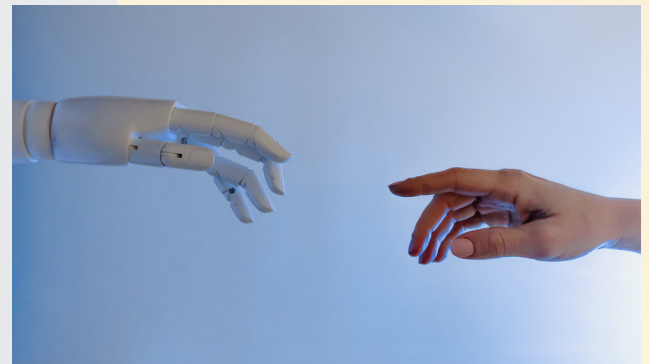


VOLUME 9 • ISSUE 1

I U S N

# 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.

# IEEE UP SECTION OFFICE BEARERS - 2022



**Prof. S. N. Singh**  
(Advisor)

EE Department, IIT Kanpur, Additional  
responsibility as DIRECTOR of IIITM-  
Gwalior.



**Prof. J. Ram Kumar**  
(Advisor)

EE Department, IIT Kanpur



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

IT Department, IIIT Allahabad



**Prof. Asheesh Kumar**  
(Immediate Past Section Chair)

EE Department, MNNIT Allahabad



**Dr. Yogesh K. Chauhan**  
(Chair-Elect)

IIT Kanpur,  
Kanpur



**Prof. Mohammad Rihan**  
(Vice-chair)

EE Department, AMU, Aligarh



**Dr. Akhilesh Tiwari**  
(Secretary)  
IIIT, Allahabad



**Dr. Ankush Sharma**  
(Treasurer)  
IIT Kanpur, Kanpur



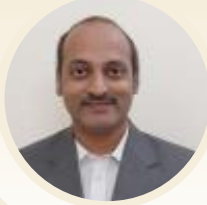
**Mr. K. C. Mishra**  
(Joint Secretary)  
WIT, Dehradun



# IEEE UP SECTION OFFICE COMMITTEES - 2022



**Dr. Rajat Kumar Singh, Chair, Electronic Communication & Information Management Activities**



**Dr. Kishor Sarwadekar, Chair, Professional Activities**



**Dr. Jai Singh, Chair, Publication and Section History**



**Dr. Bhavesh Chauhan, Chair, Membership Development**



**Dr. Meenakshi Memoria, Chair, Sub-Section Coordination, Outreach & Strategic Planning**



**Prof. K. V. Srivastava, Chair, Award and Recognition**



**Prof. V. S. Tripathi, Chair, Student Activities**



**Dr. Shashwat Pathak, Chair, Industry Relations Committee**



**Dr. Prabhakar Tiwari, Chair, Conference Committee**



**Dr. Varun K. Kakar, Chair, Young Professionals Committee**



**Dr. Shweta Tripathi, Chair, Women in Engineering Committee**



**Prof. M. A. Ansari, Chair, Humanitarian Technology Activity Committee**



**Prof. K. S. Vaisla, Chair, Educational Activities**



**Mr. Ankit Yadav, Student Representative-1**



**Mr. Nayaneesh Mishra, Student Representative-2**



**Dr. Abhijeet Mohapatra, IIT KANPUR, Co-opted Member**



**Dr. K. M. Soni, AMITY, Co-opted Member**



**Dr. Shishir Kumar, BBAU, Co-opted Member**



**Prof. S. C. Srivastava, Ombudsman**



**Dr. R. K. Singh, Chapter Chair-1, Industry Application**



**Dr. Alok Verma, Chapter Chair-2, Power Engineering**



**Prof. Rafik Ahmed, Chapter Chair-3, Student Branch**



**Dr. Dharmendra Singh, Roorkee Sub-Section Chair**



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# MESSAGES



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

**IT Department, IIT Allahabad**

I am glad to pen for the release of Vol.1 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. Yogesh K. Chauhan** **(Chair-Elect)**

**IIT Kanpur, Kanpur**

I am gratified to know that the IEEE UP Section is bringing out Vol. 1 of IEEE UP Section Newsletter 2022. IEEE UP Section has proved to be successful and effective. IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its organizational units engage at the national, regional, and international levels in order to advance the mission and vision of securing the benefits of technology for the advancement of society. IEEE is a leading developer of international standards that underpin many of today's telecommunications, information technology, and power-generation products and services. I take this opportunity to congratulate the IEEE UP Section. I also applaud the editors and student editors who have been involved in bringing out the newsletter for their greater success and career ahead.

I wish IEEE UP Section a very big success in all their future endeavors.



## **Prof. S. N. Singh** **(Advisor)**

**EE Department, IIT Kanpur, Additional  
responsibility as DIRECTOR of IIITM-Gwalior.**

I am glad to know that the IEEE UP Section is publishing Volume 1 of Newsletter 2022. I wish to congratulate each one of you on this happy occasion of completion. IEEE's core purpose is to foster technological innovation and excellence for the benefit of humanity "It fosters, develops, and advances global technology development". As the world's largest technical professional organization, IEEE offers a number of ways to get involved with technical and local communities. These communities are active participants in research and authorship, conferences, and important conversations about today's most relevant technical topics locally and globally.

"I congratulate each and every member of the IEEE UP Section on their commendable achievements."

This newsletter is the result of dedication and hard work put in by the editorial team and with the support of every member, the IEEE UP Section is touching the greater heights of glory.



# EDITOR'S MESSAGE



## **Dr. Rajat Kumar Singh (Chair)**

### **Electronic Communication Activities**

It's my pleasure to present to you the first 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-3, Student Branch**

### **Convener, Section Newsletter**

Welcome to the first IEEE UP Sections Newsletter. I am blessed to present various achievements done by the IEEE UP Section in the first quarter 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 ex-com meetings, 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. A 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 ( Member)**

### **Electronic Communication Activities**

It's my pleasure to present to you the first 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 exploring educational programmes and offerings from IEEE in various other new fields.

I would also like to express my gratitude to Prof. Rafik Ahmad, Dr. Rajat Kumar Singh, and their 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 input.

# IEEE UP SECTION ANNUAL BODY GENERAL MEETING (AGM)

**MEETING DETAIL:- 2022,ANNUAL GENERAL BODY MEETING(AGM)**

**VENUE:- HYBRIDE MODE : SRCEM,LUCKNOW**

**DATE:- JANUARY 16,2022**

**ON ROLE OF CHAIRPERSON:- DR. SATISH K. SINGH,IIIT ALLAHABAD**

**ON ROLE SECRETARY:- DR. PRABHAKAR TIWARI, MMMUT GORAKHPUR**



## >>> Opening Remark by Chairman, IEEE UP Section

**Welcome of members of ExEcutive Committee-2021 to AGM of IEEE UP Section.**

**Updates on activities during the last meeting to this meeting.**

**Vision and Mission for 2021**

**Goals (Student-Branches/Chapters, Section-Chapters, Membership Retention/ Addition/ Elevation, OU10Program, 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.**

## >>> Description

in the meeting first ratification of Minutes of the Last Annual General Body Meeting held on 28th Feb 2021 at IIITA, Prayagraj. [Secretary] . Ratification of Minutes of the Last General Body Meeting [GBM] held on 18th July 2021 at Online. Section Chairman's Address, [Prof. S. K. Singh]. Annual Section Activity Report [Secretary]. Annual Financial Report [Treasurer]. Reporting [Subsection Chair]. Reporting [Chapters' Chairs]. Announcement of Section Awards and Distribution by Chairman Awards Committee [Prof. S. N. Singh]. Any other Agenda Item with the permission of Chair. Announcement and felicitation of handing-over and taking-over the charge of office bearers by Chairman Slate Nomination Committee [Prof. Asheesh K. Singh]. **Chairman: Dr. Satish Kumar Singh, IIIT Allahabad, Prayagraj ,Chair-Elect: Prof. Yogesh Singh Chauhan, IIT Kanpur ,Vice-Chair: Dr. Md. Rihan, AMU Aligarh, Secretary: Dr. Akhilesh Tiwari, IIIT Allahabad, Prayagraj .Treasurer: Dr. Ankush Sharma, IIT Kanpur, Joint Secretary: Mr. K. C. Mishra, WIT Dehradun** then at last Address and Vision & Mission Statement by New Chairperson, IEEE Uttar Pradesh Section



# AWARDS FOR 2021

## Section Awards, 2021

To recognize the efforts of active IEEE volunteers of section, we have constituted section awards. For year 2021, the list of recipient of these awards is as follows:

| #  | Awards                                               | Awardee                                                                   |
|----|------------------------------------------------------|---------------------------------------------------------------------------|
| 1  | Emerging Branch Award                                | Shri Ramswaroop Memorial College of Eng & Mngmt Student Branch (STB99408) |
| 2  | Best Student Branch Chapter Award                    | IEEE Power & Energy Society Chapter, BBDITM, Lucknow (SBC10214B)          |
| 3  | Branch Membership Growth/Retention Award             | Zakir Hussain College of Engineering & Technology, Aligarh (STB08111)     |
| 4  | Outstanding Branch Counselor Award                   | Dr. Rafik Ahamad, BBDITM Lucknow                                          |
| 5  | Outstanding Branch Chapter Advisor Award             | Dr. Khadim Moin Siddiqui, BBDITM Lucknow                                  |
| 6  | Outstanding Section Volunteer Award (Male Student)   | Mr. Srikant Singh, BBDITM Lucknow                                         |
| 7  |                                                      | Mr. Akhilesh P Gupta, IIT Kanpur                                          |
| 8  | Outstanding Section Volunteer Award (Female Student) | Miss. Shreya Verma, DEI Agra                                              |
| 9  | Outstanding Section Volunteer Award (Professional)   | Dr. Minakshi Memoria, Uttaranchal University, Dehradun                    |
| 10 | IEEE UP Section Start-up Award                       | Enciphers Labs Pvt Ltd, Noida                                             |
| 11 | Educator of the Year Award 2021 (Institution)        | Graphic Era University, Dehradun                                          |
| 12 | Educator of the Year Award 2021 (Individual)         | Prof P. Nagabhushan, Director, IIIT Allahabad                             |
| 13 | Technologist of the year award                       | Dr Upendra Kumar Singh, Director General, Life Sciences, DRDO, New Delhi  |

## G. K. Dubey Memorial Award, 2021

IEEE UP Section has constituted the G. K Dubey Memorial Lifetime Achievement Award, to recognize section IEEE volunteers who have put the immense efforts in growth of IEEE UP Section over the years. Without whom, it wouldn't have been possible for us to grow:

| # | Awards                                                        | Awardee                       |
|---|---------------------------------------------------------------|-------------------------------|
| 1 | Lt. Professor G. K. Dubey Memorial Lifetime Achievement Award | Prof Ekaram Khan, AMU Aligarh |

## Activity-based Incentive Grant, 2021

To recognize the efforts of active student OUs of section, in 2019, the IEEE Uttar Pradesh Section started an activity-based section incentive grant program for all the operational units. The top-five ranked student branches are listed below:

| Prize  | Awardee                                        |
|--------|------------------------------------------------|
| First  | Babu Banarasi Das Inst of Tech & Mgmt, Lucknow |
| Second | Teerthanker Mahaveer University, Moradabad     |
|        | Indian Inst of Technology-Kanpur               |
| Third  | Pranveer Singh Institute of Technology, Kanpur |
|        | Amitv University-Noida                         |



# AWARDS FOR 2021

## U10 Initiative, 2021

IEEE UP Section has launched a dedicated initiative to promote IEEE activities as local student units and to encourage extensive involvement of student members in these activities. The participating units were required to organize minimum 10 IEEE event. Many student units had participated in the initiative, however only the following units have been successful in completing the challenge.

|    | OU Name                                                    | GeoCode   |
|----|------------------------------------------------------------|-----------|
| 1  | Zakir Hussain Coll of Engineering & Tech                   | STB08111  |
| 2  | Shri Ramswaroop Memorial College Of Eng & Mngnt            | STB99408  |
| 3  | Uttaranchal University IEEE Student Branch                 | STB10206  |
| 4  | Kanpur Institute of Technology                             | STB18791  |
| 5  | Indian Institute of Information Technology Allahabad       | STB14321  |
| 6  | IEEE Pranveer Singh Institute of Technology Student Branch | STB14028  |
| 7  | IEEE SB Roorke College of Engineering                      | STB99088  |
| 8  | IEEE Signal Processing Society JSSATEN                     | SBC05571  |
| 9  | Graphic Era Deemed to be University                        | STB 06701 |
| 10 | Dewan V S Group of Institutes                              | STB99078  |
| 11 | IEEE JSSATEN WIE Affinity Group                            | SBA05571  |

## Awards Received by Section, 2021

In Year 2021, IEEE UP Section has also received few outstanding awards as below,

| #  | Awards                                                                                                                           | Awarded By     |
|----|----------------------------------------------------------------------------------------------------------------------------------|----------------|
| 1  | Section Activity Based Incentive Award (\$3000) -2021                                                                            | IEEE Region-10 |
| 2  | IEEE MGA 2021 award for "Exemplary Leadership and Distinguished Contributions at the Section, Council and Region Levels"         | IEEE Region-10 |
| 3  | Special call for covid-19 related projects 2021 (\$400)                                                                          | IEEE R10       |
| 4  | Award of Section rebate of \$ 16471.45                                                                                           | IEEE R10       |
| 5  | Award of Section rebate of \$ 4042                                                                                               | IEEE R10       |
| 6  | Active Section Membership Gold Award                                                                                             | IEEE R10       |
| 7  | The IEEE Region 10 WIE Special Fund 2021                                                                                         | IEEE R10       |
| 8  | Call for activity project proposals for the award of \$1500 for YP activities                                                    | IEEE R10       |
| 9  | IEEE Rebate for 24 Student branches (Rs. 294864/-)                                                                               | IEEE HQ        |
| 10 | R10 Membership Development and Leadership Training Fund (\$400)                                                                  | IEEE R10       |
| 11 | Undergraduate Project Video Contest under WIE category (Winner)                                                                  | IEEE R10       |
| 12 | Call for a workshop on try engineering and STEM under education activities - Grant (USD150).                                     | IEEE R10       |
| 13 | Grant for IEEE R10 Mini POCO workshop (USD250)                                                                                   | IEEE R10       |
| 14 | Call for proposal for reaching local initiatives - Grant for Pre-university activities by Education activity committee (USD 150) | IEEE R10       |

# MGA ACHIEVEMENT AWARD.

11 April 2022

Dr Sri Niwas Singh  
H.No. 446, IIT Campus  
Indian Institute of Technology Kanpur  
Kanpur-208016  
India

Dear Sri Niwas:

On behalf of the IEEE Member and Geographic Activities (MGA) Board, I am pleased to formally advise you that you have been selected as a 2021 recipient of the **MGA Achievement Award**. Bharat Singh Rajpurohit placed your name in nomination, and J. Ramkumar and Puneet Kumar Mishra endorsed the nomination. The selection was made by the MGA Awards and Recognition Committee and approved by the IEEE MGA Board during its 20 November 2021 meeting.

This is a very prestigious award, and we are pleased to honor you for the outstanding contributions you have made to numerous IEEE activities and the example you set in carrying forward the goals and objectives of the IEEE MGA Board.

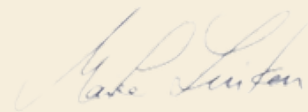
This award consists of a cash prize of US\$ 250 and a plaque, which carries the following citation:

2021  
Sri Niwas Singh  
Uttar Pradesh Section

"For exemplary leadership and distinguished contributions at Section, Council, and Region levels"

Please accept our congratulations on being recognized for this most deserving honor.

Sincerely,



Maïke Luiken  
2021 Vice President, IEEE Member and Geographic Activities

## ADDITIONAL RESPONSIBILITY AS DIRECTOR OF IIITM-GWALIOR

Indian Institute of Information Technology and Management, (ABV-IIITM) Gwalior, Madhya Pradesh is pleased to appoint **Prof. Sri Niwas Singh**, Professor, Indian Institute of Technology Kanpur as the Director of ABV-IIITM Gwalior.





# IEEE UP SSAC STUDENT TEAM 2022

| <u>Sr. No. and Name</u>     | <u>Affiliated IEEE student branch</u> |
|-----------------------------|---------------------------------------|
| 1. Abdullah Alvi            | ZHCET AMU, Aligarh                    |
| 2. Shivam Sawarn            | DIT, Dehradun                         |
| 3. Rahul Singh Pundir       | Graphic Era University, Dehradun      |
| 4. Shruti Bansal            | WIT, Dehradun                         |
| 5. Pulkit Bindal            | RKGIT, Ghaziabad                      |
| 6. Sahabazada Betab Badar   | Tulas Institute, Dehradun             |
| 7. Sakshi Tripathi          | SIET, Prayagraj                       |
| 8. Archit Sangal            | ABES Engineering College, Ghaziabad   |
| 9. Manya Agarwal            | PSIT, Kanpur                          |
| 10. Sayed Mohd Kazim Abidi  | BBDITM, Lucknow                       |
| 11. Ankit Jaiswal           | BBDNIIT, Lucknow                      |
| 12. Aabhash Yadav           | IET, Lucknow                          |
| 13. Rohaila Naaz            | TMU, Moradabad                        |
| 14. Vishes Kumar Mishra     | Galgotias University, Noida           |
| 15. Aadi Jain               | Bennett University, Noida             |
| 16. Syed Hasan Askari Rizvi | JSSATEN, Noida                        |
| 17. Neha Sharma             | Amity University, Noida               |
| 18. Manvendra               | UCER, Prayagraj                       |
| 19. Aditya Pal              | MNNIT, Prayagraj                      |
| 20. Ragini Shukla           | BIT, Gorakhpur                        |



# IEEE WIT STUDENT BRANCH AND IEEE WIT-WIE AFFINITY GROUP EVENT

WOMEN INSTITUTE OF TECHNOLOGY, DEHRDUN WAS ORGANIZED MANY EVENTS ON THE OCCASION OF THE INTERNATIONAL WOMEN'S DAY. THIS EVENT WAS SPONSORED BY IEEE WIT STUDENT BRANCH UNDER THE SUPERVISION OF THE IEEE UTTAR PRADESH SECTION. THE EVENT WAS STARTED IN HONOR OF INSTITUTE WOMEN'S.

1. HONOR TO INSTITUTE WOMEN'S
2. RANGOLI COMPETITION
3. POSTER MAKING COMPETITION
4. COMMON MEETING AND HIGH TEA
5. VOLLEYBALL COMPETITION
6. CHESS COMPETITION
7. TABLE TENNIS COMPETITION
8. DISTINGUISH LECTURE
9. MUSICAL CHAIR COMPETITION

## Duration

**1st January 2022 - 31st March 2022**



# IEEE BBDITM COMPUTER SOCIETY WEBINAR ON "CYBER SECURITY"

»»» The webinar was organized by IEEE BBDITM COMPUTER SOCIETY in Association with IEEE BBDITM STUDENT BRANCH on CYBER SECURITY where in the event there was 100+ participants to listen Honourable speaker Cyber crime department, SP, Uttar Pradesh Prof. Triveni Singh, IPS in sir has given his great knowledge to the participants on the most important topic Cyber security sir has told about cyber security, cyber crime, cyber ethics and the use, benefits,

how to safe ourselves from the hackers, if we face some issue so what to do where to call after that wonderful speech the participants clear there various doubts on that topic and there prblm related to that topic and the overall session was great , very knowledgeable and interactive. And mostly participants are from banglore, kolkata & Kerala session also.

## Date and Time

**Date – 10/02/2022**

**Time – 12:00PM -1:30PM**

## Location

**Zoom Virtual meet**

**Speaker – Prof. Triveni Singh, IPS**

**Report and Attendance**

**IEEE Attended: 111**

**Guests Attended: 49**





# FIVE DAY TRAINING PROGRAM AT INNOVATION LAB IN BBDITM - IEEE BBDITM

## PANEL MEMBERS

**Dr. R.N. Yadav**  
HoD, Mechanical Engg.

**Dr. Manuj Darbari**  
Head R&D

**INNOVATION LAB TRAINER**  
**MR. VIVEK SINGH**

**Prof. D.S. Ray**  
HoD, Computer Engg.

**Prof. Rafik Ahmad**  
HoD, Electrical & Electronics Engg.

### DAY 1:-

- Inauguration & Introduction of program/Motivation.
- Expectation Mapping/ Enterpreneurial Apporach to Solar Energy.
- Basic Electronics Components/ LED Jhallar/(Read /Check/ Apply).
- Bread board designing/ Type of PCB/Type of soldering/ DE soldering/Mounting.
- Make simple Power Supply/Mobile Charger.

### DAY 2:-

- Assembling LED Bulb processes.
- LED bulbs testing/ Types of bulbs.(theory/ practical)
- LED tube lights/ LED 1 fit, 2 fit,4 fit tube.
- LED Repairing & Installation(Practical).

### DAY 3:-

- LED Technology(Theory/Practical both).
- LED Decorated light(theory/practical both).
- LED Jhallar.
- LED gift product.
- LED jhallar Decorated & Marketing.

### DAY 4:-

- LED jhummar .
- LED business and Marketing in market/ LED Tree Assembling.
- Startup Strategy/ Startup India/Motivation.
- Marketing & sales/ LED & Solar Energy, Save Money & Electricity.

### DAY 5:-

- Entrepreneurships/ LED Assembling Process/ Commitments and Services.
  - Introduction to Automation/ Sensor Designing/ Introduction to Arduino/ Decorative Items.
  - Cash Flow and Business Flow.
  - Feedback and Certificate Distribution.
- TRAINER NAME – MR. SATYAM





# IEEE BBDITM COMPUTER SOCIETY - DEBATE COMPETITION ON "ARE ROBOTS ARE GOING TO INCREASE OUR QUALITY OF LIFE"

>>> The debate competition was very interesting on the a interesting topic where 20+ competitors were there who are giving there views and others asking the questions and giving there views , each debater got 4:00 minutes to speak than the judges And the other participants ask the question and on the debator timing, presentation and other criteria the judges gives

the points and the final decision was taken by the judges for the winners which can't be changeable.

The competition was overall very interesting and knowledgeable

## Date and Time

**Date – 11 Feb 2022**

**Time – 12:00PM -1:30PM**

## Location

## Zoom Virtual meet

## Judges

**Dr. Manisha Shukla ,Prof.  
BBDITM Lucknow.  
Dr. Kamlesh Kumar Singh,  
Prof. Amity college,  
Lucknow.**

## Report and Attendance

**IEEE Attended: 40  
Guests Attended: 5**

The poster features three circular portraits of winners. The top banner includes logos for Babu Banarasi Das Institute of Technology and Management, IEEE BBDITM Student Branch, and IEEE Computer Society. The title 'DEBATE COMPETITION WINNERS' is prominently displayed. Below the portraits, the names and institutions of the winners are listed. At the bottom, social media handles for IEEE BBDITM are provided.

**DEBATE COMPETITION WINNERS**

**SECOND PRIZE**  
SUBRAMANYA NAVADA  
SIT TUMKUR  
KARNATAKA

**FIRST PRIZE**  
BISWAPRIYO SEN  
SMIT  
KOLKATA

**THIRD PRIZE**  
MARUFA EMROZ  
BBDITM  
LUCKNOW

[/IEEEBBDITM](#) [/ieeebbdtm](#) [/ieeebbdtm](#)

# IEEE BBDITM COMPUTER SOCIETY - QUIZ COMPETITION ON "CYBER SECURITY"

The quiz competition was the test for the participants that what they have learned and recognized from previous days events and the timing was 35 minutes for 30 questions and there was 60+ participants who have participated in the event very actively and the winners was only 3 between 60+ participants who also did very well. So due to tough competition the marks and timing criteria was used for the judgement which has been decided by the judged invited for the event.



**BABU BANARASI DAS**  **IEEE BBDITM**  **IEEE COMPUTER SOCIETY**  
INSTITUTE OF TECHNOLOGY AND MANAGEMENT Student Branch

## QUIZ COMPETITION WINNERS



**SECOND PRIZE**  
**HREDYA  
VIJAY  
AISAT  
KERALA**



**FIRST PRIZE**  
**RASHEEQ  
ZEHRA  
BBDITM  
LUCKNOW**



**THIRD PRIZE**  
**ANSHITA  
MISHRA  
SRMCEM  
LUCKNOW**

 /IEEEBBDITM  /ieeebbdtm  /ieeebbdtm

## Date and Time

**Date – 12 Feb 2022**

**Time – 12:00PM  
-12:35PM**

## Location

## Google form

## Report and Attendance

**IEEE Attended: 60+  
Guests Attended: 2**



# IEEE BBDITM WIE FIVE DAYS EVENT ON FEMALE FOETICIDE

A 5 days virtual event on the topic of “Female feticide: a curse of society” was organized by IEEE WIE-AG BBDITM in collaboration with IEEE BBDITM STB held virtually from January 30, 2022–February 03, 2022. The day1 WIE session was held virtually on 30

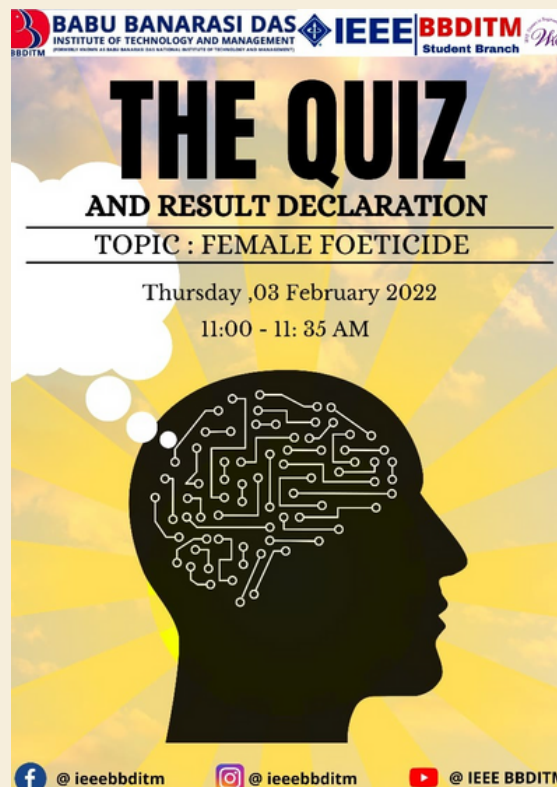
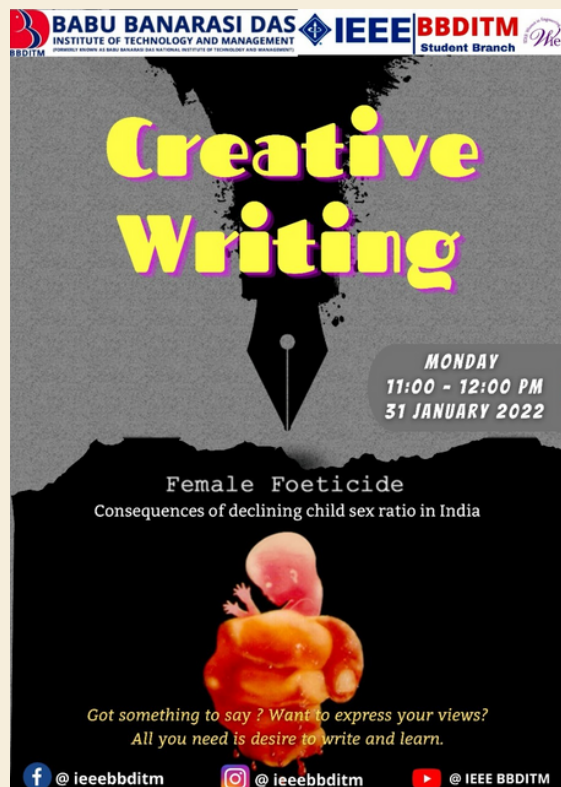
January, 2022 from 11:00AM to 12:30 PM on the Zoom app. The topic of the session was “women empowerment”

The main objective of this session was to inform the participants about the women empowerment and raising self-esteem and self-confidence of women. Elimination of discrimination and all forms of violence against women and girl child.

The overall session included the expert lecture of Dr. Reena Kumari (assistant professor)

department of economics CM college, Lalit Narayan Mithila university, Darbhanga, Bihar.

The inaugural session was successfully conducted with the positive results



## Date and Time

Date – 31 JAN - 03  
Feb-2022  
Time – 11:00 am -  
12:30

## Location

zoom meet

## Report and Attendance

IEEE Attended: 100+  
Guests Attended: 40

# IEEE BBDITM SPS SOCIETY NEW MEMBERS ORIENTATION PROGRAM

An "Orientation Session of New Members" is going to be organized by IEEE BBDITM Signal Processing Society which is going to be held virtually in an online mode on February 5, 2022.

The main objective of the meeting will be to inform all the new members of the IEEE student branch about the signal processing society and about all the work which we have completed in past years also about all other things in which the signal processing society contributes.

The Orientation Session is going to be held virtually on 5 February, 2022 from 1.00PM to 3.00 PM on the Zoom app along with a live YouTube broadcast.

It will include a video lecture on the Signal Processing so that the new members can know about it along with which they can interact to us.



The poster features the IEEE BBDITM logo at the top left, the IEEE Signal Processing Society logo at the top right, and the IEEE BBDITM Student Branch logo in the center. The main text reads: "IEEE BBDITM SIGNAL PROCESSING SOCIETY IS ORGANISING AN ORIENTATION SESSION OF NEW MEMBERS". Below this, there is a QR code labeled "SCAN TO JOIN" and a date/time stamp: "DATE - 5th February TIME - 01:00 PM". At the bottom left, contact information is provided: "For More Details Contact Sayed Mohd Kazim (DABR) +91 7387148281". Social media icons for Facebook, Twitter, YouTube, and Instagram are shown next to the handle "/IEEE BBDITM". The website URL "https://edu.ieee.org/in-bbdnltm/" is at the bottom right.

## Date and Time

**Date – 05 Feb 2022**

**Time – 01:00 PM to 03:00 PM**

## Location

**ZOOM MEET**

## Report and Attendance

**IEEE Attended: 112**

**Guests Attended: 15**



# IEEE BBDITM WIE-WOMEN'S DAY CELEBRATION-2022

Celebrating and supporting women is a year-round responsibility but on the international women's day, it's even more important.

So, on the occasion of "International Women's Day", IEEE BBDITM PES in collaboration with IEEE BBDITM WIE-AG and IEEE BBDITM STB organized an event to celebrate the women of the world. The event held physically in 08 March and 09 March 2022 in BBDITM Lucknow. The day 1 event was held physically on 08 March 2022 from 03:00 PM – 05:00 PM for celebrating the WOW (women of the world).

The event was very interesting and interactive, where our eminent female faculties wrote their enlightening message with an aim to empower our future generations. After this, faculties participated in different kinds of games to spread the message of power of women in interesting way. All over program was successfully conducted with the message of positivity and happiness.

**Date – 08 Mar 2022**  
**Time – 03:00 PM to 05:00 PM**

**Location : Google form**

**Report and Attendance**

**IEEE Attended: 110**  
**Guests Attended: 30**

**BABU BANARASI DAS**  
 INSTITUTE OF TECHNOLOGY AND MANAGEMENT

**IEEE BBDITM**  
 Student Branch

**PES**  
 Power & Energy Society

**WIE BBDITM**

*Celebrating WOW*  
 (WOMEN OF THE WORLD)

IEEE BBDITM WIE AG in association with IEEE BBDITM PES is organizing "AN EPISTLE FOR ILLUMINATING MINDS" on the occasion of Women's Day on 8th March 2022 from 3 PM.

**What is this event?**

An event where our eminent female faculties will write their enlightening messages for our future young professionals.

@ieeebbdtm

# IEEE SHRI RAMSWAROOP MEMORIAL COLLEGE OF ENGINEERING AND MANAGEMENT, SIGNAL PROCESSING SOCIETY- INAUGURATION PROGRAM

## DAY- 1

The Inauguration Program of IEEE Signal Processing Society of SRMCEM, Lucknow will be held in hybrid mode from 2nd to 6th March, 2022 with a variety of activities including expert lectures, webinars, group discussion and technical quizzes.

IEEE SPS SRMCEM aims at promoting involvement of its members in the field of signal processing and its wide applications.

**Date and Time**  
**Date:** 02 Mar 2022  
**Time:** 07:00 PM to 08:00 PM  
**Location**  
**HYBRID MODE**  
**Report and Attendance**  
**IEEE Attended:** 103  
**Guests Attended:** 80

## DAY- 2

IEEE Signal Processing Society of Shri Ramswaroop Memorial College of Engineering and Management organized a webinar on "Women in Signal Processing" on 3rd March, 2022 from 7:00 pm(IST) onwards. Women in Signal Processing (WISP) offers networking and engagement opportunities to and for women across signal processing disciplines and professions to exchange ideas and experience from research, industry, and academia. The event was graced by our honourable chief guest, Dr. Celia Shahnaz who guided and motivated the members to make the best of their opportunities provided by the Signal Processing Society and highlighted the importance and the role of women in SPS.

**Date and Time**  
**Date:** 03 Mar 2022  
**Time:** 07:00 PM to 08:00 PM  
**Location**  
**ONLINE MODE**  
**Report and Attendance**  
**IEEE Attended:** 75  
**Guests Attended:** 80

## DAY- 3

IEEE Signal Processing Society of Shri Ramswaroop Memorial College of Engineering and Management organized "Quiz Moment" on "Signal Processing and its Applications" on 4th March, 2022 from 8:00 pm(IST) onwards. This was an online time based quiz organized as a fun activity for the participants to provide a quick boost of knowledge in the field of signal processing and its wide applications

**Date and Time**  
**Date:** 04 Mar 2022  
**Time:** 08:00 PM to 08:20 PM  
**Location**  
**GOOGLE FORM**  
**Report and Attendance**  
**IEEE Attended:** 75  
**Guests Attended:** 80

**Shri Ramswaroop Memorial College Of Engineering And Management, Lucknow**  
**IEEE SRMCEM SIGNAL PROCESSING SOCIETY PRESENTS**  
**INAUGURATION PROGRAM**  
**DAY 1: INAUGURATION CEREMONY**  
**2nd March, 2022**  
**Timing: From 7 p.m. onwards**  
**Contact:** sps.srmcem@gmail.com  
**Event Details:** 2nd March to 6th March, 2022

**Shri Ramswaroop Memorial College Of Engineering And Management, Lucknow**  
**IEEE SRMCEM SIGNAL PROCESSING SOCIETY PRESENTS**  
**INAUGURATION PROGRAM**  
**DAY 2: Webinar on Women in Signal Processing**  
**3rd March, 2022**  
**Timing: From 7 p.m. onwards**  
**Contact:** sps.srmcem@gmail.com  
**Event Details:** 2nd March to 6th March, 2022

**Shri Ramswaroop Memorial College Of Engineering And Management, Lucknow**  
**IEEE SPS SRMCEM PRESENTS**  
**QUIZ MOMENT**  
**DATE: 4TH MARCH AT 8:00PM**  
**TOPIC: "SIGNAL PROCESSING AND ITS APPLICATION"**  
**E-mail: sps.srmcem@gmail.com**  
**Made with PosterMyWall.com**



# IEEE SHRI RAMSWAROOP MEMORIAL COLLEGE OF ENGINEERING AND MANAGEMENT, SIGNAL PROCESSING SOCIETY- INAUGURATION PROGRAM

## DAY- 4

IEEE Signal Processing Society of Shri Ramswaroop Memorial College of Engineering and Management organized a workshop on "Industry 4.0" on 7th March, 2022 from 2:30 pm(IST) onwards in offline mode with the collaboration of Department of Electrical Engineering, Department of Electrical and Electronics Engineering and SOFCON INDIA.

### Date and Time

Date: 07 Mar 2022  
Time: 02:30 PM to 04:00 PM

### Location

- Shri Ramswaroop Memorial College of Engineering and Management
- Tiwariganj, Faizabad Road
- Lucknow, Uttar Pradesh
- India
- Building: F-Block
- Room Number: Seminar Hall

### Report and Attendance

IEEE Attended: 125  
Guests Attended: 55

## DAY- 5

IEEE Signal Processing Society of Shri Ramswaroop Memorial College of Engineering and Management organized "Medical Camp" with the collaboration of Department of Information Technology, SRMCEM on 11th March, 2022 from 10:00 am (IST) onwards on Day 5 of its Inauguration Program celebrating the 75th Azadi ka Amrit Mohatsav for all employees (Faculty and non-faculty members), their families and all students

### Date and Time

Date: 11 Mar 2022  
Time: 11:00 AM to 04:00 PM

### Location

- Shri Ramswaroop Memorial College of Engineering and Management
- Tiwariganj, Faizabad Road
- Lucknow, Uttar Pradesh
- India
- Building: F-Block
- Room Number: Seminar Hall

### Report and Attendance

IEEE Attended: 315  
Guests Attended: 270

**SHRI RAMSWAROOP**  
MEMORIAL COLLEGE OF ENGINEERING AND MANAGEMENT

**IEEE SPS SRMCEM PRESENTS**  
**WORKSHOP**  
**INDUSTRY 4.0**

"DEPARTMENT OF ELECTRICAL ENGINEERING AND DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING ORGANIZING A WORKSHOP ON **INDUSTRY 4.0** WITH THE COLLABORATION OF **SOFCON INDIA** FOR EE AND EN 3RD YEAR STUDENTS."

7TH MARCH FROM 2:30 PM ONWARDS

Faculty coordinator:-  
Er. Amit Kumar

sps.srmcem@gmail.com

**SHRI RAMSWAROOP**  
MEMORIAL COLLEGE OF ENGINEERING AND MANAGEMENT LUCKNOW

**IEEE SIGNAL PROCESSING SOCIETY SRMCEM**

in collaboration with  
**DEPARTMENT OF INFORMATION TECHNOLOGY**

organizing a  
**MEDICAL CAMP**

Coordinated By:  
**Dr. Ashish Baiswar**  
**Er. Ravi Devesh**

Date: **11 March 2022**  
Time: **10:00 AM onwards**

Venue: **Main Function Stand (Sports Ground)**

hodit@srmcem.ac.in

sps.srmcem@gmail.com

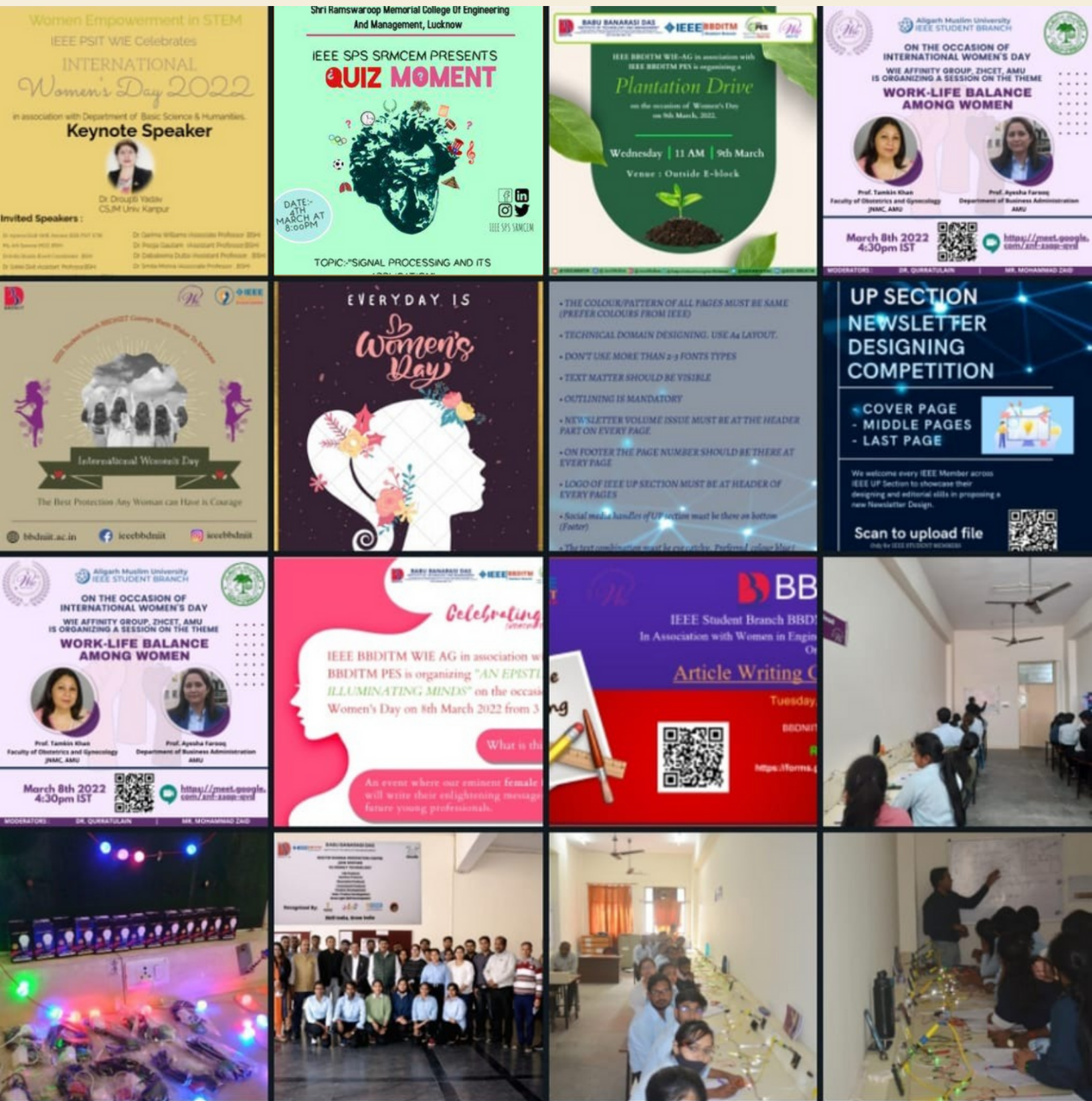


# COLLAGE OF EVENTS





# COLLAGE OF EVENTS





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# COLLAGE OF EVENTS

**IEEE Xtreme**  
PROGRAMMING COMPETITION 4.4

**CALL FOR AMBASSADORS**  
DEADLINE  
**EXTENDED**  
1ST APRIL

Link to the registration form  
<https://ieeextreme.org/ambassadors/>

IEEE

Region 10

Call For Nominations

**IEEE Region 10 Young Professionals Awards**

\* Outstanding Section Affinity Group Award.  
\* Outstanding Volunteer Award.

Deadline: 20 May, 2022

Call for Proposals | Round #1

**Student - YP Joint Activity Funding 2022**

apply by April 7, 2022

apply through [yp.ieeextreme.org/yp-joint-activity-fund](https://ieeextreme.org/yp-joint-activity-fund)

young professionals  
**UP SKILL 2022**

**CALL FOR PROPOSALS**

DEADLINE  
28th April 2022

Final

Call for Proposals | Round #1

**Student - YP Joint Activity Funding 2022**

7 DAYS remaining for submission

apply by April 7, 2022

apply through [yp.ieeextreme.org/yp-joint-activity-fund](https://ieeextreme.org/yp-joint-activity-fund)

IEEE Region 10 Student Activities Committee

**Section Student Branch Revival Fund**

For More Details  
<https://events.ieee10.org/>

Deadline 30th April 2022

**Creative Writing**

BU BANARASI DAS  
UNIVERSITY OF TECHNOLOGY AND MANAGEMENT

MONDAY 11:00 - 12:00  
31 JANUARY

IEEE India Council Student Coordination Team presents

**ALL THE WORLD'S A STAGE**

Keynote Event

Register Now  
[bit.ly/ic\\_sct\\_keynote](https://bit.ly/ic_sct_keynote)

31 March 2022  
7:00 PM IST

**Sinjini Sengupta**  
Founder, Lighthouse | Storytelling | Author | TEDx speaker | Creative Leadership | Changemaking

**CALL FOR IEEE MEMBER PROPOSALS**  
GRASSROOTS HUMANITARIAN TECHNOLOGY PROJECTS

**IEEE HAC | SIGHT Projects**

**Rolling Submission**  
1 March 2022 – 4 April 2022

IEEE Humanitarian Activities Committee

IEEE SIGHT Special Interest Group on Humanitarian Technology

**HTPDC**  
HUMANITARIAN TECHNOLOGY PROJECT DESIGN COMPETITION

9 MAR 2022  
REGISTRATION OPEN DATE

HTPDC is a competition where a team can present a sustainable solution to a problem prevailing in any local community. There is no need of prototype/model to be presented. Any project related to the broad areas of power and energy, which involves humanitarian technology and sustainable development, can be chosen for this competition.

JOIN THE HTPDC COMPETITION REGISTER NOW!

**Female Foeticide**  
Consequences of declining child sex ratio in India

Got something to say? Want to express your views?  
All you need is desire to write and learn.

ieebbdditm @ieebbdditm @IEEE

**EXODUS'22**

DAY 1 28th-30th MARCH 10:00 - 6:00  
Workshop on CYBERSECURITY

DAY 2 Workshop on BLOCK CHAIN

DAY 3 Workshop on AI

IEEE UP Section Brings You

**Counselors/Advisors Meet**

PLATFORM: Google Meet  
[meet.google.com/kze-nuiu-ere](https://meet.google.com/kze-nuiu-ere)

8:00 PM (GMT+5:30)  
8th April 2022

For Any Query Contact SSAC Team  
[ieeupssac@gmail.com](mailto:ieeupssac@gmail.com)

8th- 9th April 2022

|                                                                                                                                                          |                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>ICE &amp; EEE</b><br>1. Technical Article Writing<br>2. English Writing and Speech<br>3. Debate - 1 hour<br>4. Model Debate                           | <b>IEEE &amp; EEE</b><br>1. English Writing<br>2. English Speech<br>3. Smart City Business<br>4. Virtual City Map |
| <b>OFFICE BUSINESS &amp; EEE</b><br>1. My Dream Car<br>2. Technical Article Writing<br>3. Paper Presentation<br>4. Technical Project<br>5. Paper Writing | <b>GRASSROOTS SCHOOL OF BUSINESS</b><br>1. Case Study<br>2. Business Plan<br>3. Business Model                    |
| <b>MECHANICAL ENGINEERING</b><br>1. My Dream Machine<br>2. Paper Presentation<br>3. Case Study<br>4. Designing and Manufacturing of Simple Part          | <b>CIVIL ENGINEERING</b><br>1. Designing<br>2. Paper Presentation<br>3. Model Making                              |
| <b>ARCHITECTURE</b><br>1. Designing of Building<br>2. Paper Presentation<br>3. Model Making<br>4. Designing of Simple Part                               | <b>BIOMEDICAL ENGINEERING</b><br>1. Designing<br>2. Paper Presentation<br>3. Model Making                         |
| <b>Computer Science</b><br>1. Model Making<br>2. Paper Presentation<br>3. Model Making                                                                   |                                                                                                                   |

**TKRISHT-2022**  
8th- 9th April 2022

2275 5775

Nikhil Vive



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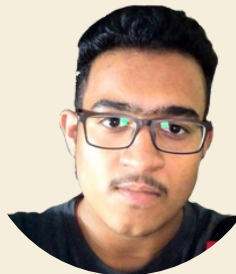
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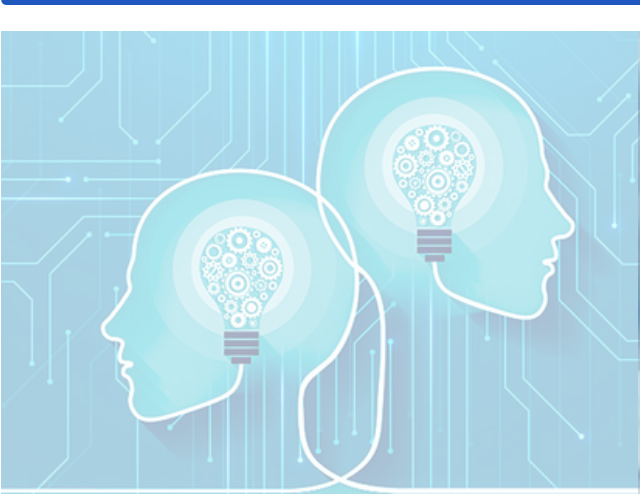
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for Humanity*



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I U S N 2022