

IEEE Delhi section Report for CY 2021

PART A - SECTION SUMMARY

A.1 Section Executive Committee Member List

S. no.	Name	Designation	Section/subsection/society/chapter/affinity group
1	Prof. Rachana Garg	Chair	IEEE Delhi section
2	Prof. Abdul Q Ansari	Executive Vice Chair	IEEE Delhi section
3	Prof. M N Hoda	Vice Chair	IEEE Delhi section
4	Dr. Rajnish Sharma	Secretary	IEEE Delhi section
5	Dr. Shabana Urooj	Joint Secretary	IEEE Delhi section
6	Dr. Sneha Kabra	Treasurer	IEEE Delhi section
7	Prof. Prerna Gaur	Past Chair	IEEE Delhi section
8	Mr. Ajay Goel	Executive committee member	IEEE Delhi section
9	Prof. Mahesh M Bundele	Executive committee member	IEEE Delhi section
10	Prof. Jasdeep Kaur Dhanoa	Executive committee member	IEEE Delhi section
11	Mr. Vijay K. Dutt	Executive committee member	IEEE Delhi section
12	Dr. Bharat Singh Rajpurohit	Executive committee member	IEEE Delhi section
13	Dr. Shruti Jain	Executive committee member	IEEE Delhi section
14	Dr. Rashmi Agarwal	Executive committee member	IEEE Delhi section
15	Prof. Meenu Khurana	Executive committee member	IEEE Delhi section
16	Mr. Archit Goswami	Executive committee member	IEEE Delhi section
17	Prof. Neena Gupta	Chair	Chandigarh Subsection
18	Dr. Manish Tiwari	Chair	Rajasthan Subsection
19	Dr. Rakesh K. Palani	Chair	Circuits and Systems – Control Systems society chapter
20	Mr. Daman Dev Sood	Chair	Computer society chapter
21	Prof. Dinesh K Jain	Chair	Power Engineering – Industry Applications society chapter
22	Mr. Prashant Chugh	Chair	Communications society chapter
23	Prof. K. Subramanian	Chair	Technology Management society chapter
24	Prof. V R Singh	Chair	Instrumentation & Measurements – Engineering in Medicine & Biology society chapter
25	Prof. Sukumar Mishra	Chair	Power Electronics – Industrial Electronics society chapter
26	Prof. Mridula Gupta	Chair	Electron Devices society chapter
27	Prof. Shibani K Koul	Chair	Microwave Theory & Techniques society chapter
28	Prof. Bijaya Ketan Panigrahi	Chair	Computational Intelligence society chapter

29	Prof. O P N Calla	Chair	Geoscience and Remote Sensing society chapter
30	Mr. Rakesh Malik	Chair	Solid-State Circuits society chapter
31	Prof. Bhim Singh	Chair	Education society chapter
32	Dr. Anubha Gupta	Chair	Signal Processing society chapter
33	Prof. Malay R Tripathi	Chair	RFID – Antennas and Propagation society chapter
34	Dr. Manpreet Singh Manna	Chair	Photonics-Rajasthan society chapter
35	Prof. Mahendra M Sharma	Chair	Antennas and Propagation-Jaipur society chapter
36	Dr. Ayesha Choudhary	Chair	Intelligent Transportation Systems society chapter
37	Prof. Arun Kumar	Chair	Ocean Engineering society chapter
38	Prof. Shyam S Tyagi	Chair	Systems, Man, and Cybernetics society chapter
39	Dr Sakshi Dhanekar	Chair	Sensors society chapter
40	Prof. Priya Mahajan	Chair	WIE affinity group
41	Mr. Jatin Batra	Chair	Young Professional affinity group
42	Prof. Subrata Mukhopadhyay	Chair	Consultants Network affinity group
43	Dr. Harbans L Bajaj	Chair	Life Member affinity group
44	Dr Mohit Gambhir	Co-opted member	IEEE Delhi section
45	Prof. Manoj Kumar	Co-opted member	IEEE Delhi section
46	Ms Tarini	Co-opted member	IEEE Delhi section
47	Dr Manpreet Kaur	Co-opted member	IEEE Delhi section
48	Dr Ankur Gupta	Observer	IEEE Delhi section
49	Dr Arun Kumar Singh	Observer	IEEE Delhi section

Section Highlights

Delhi section is one of the 17 sections of the country with –

- 2 subsections (Rajasthan and Chandigarh),
 - **22 Technical Society/Council Chapters,**
 - 04 affinity groups,
- and 121 Student Branches

At present it covers entire northern part of the country consisting of the four states of Rajasthan, Haryana, Punjab, Himachal Pradesh, and the National Capital Territory of Delhi, Union Territories of Chandigarh, Jammu & Kashmir, Ladakh. IEEE Delhi Section, which **started on May 13, 1976** (after remaining as Sub-section since 1974)

- IEEE Delhi Section alone or with the support of these Chapters organizes from time to time activities for
- dissemination of knowledge in the broader fields of Electrical and Electronics Engineering through holding of technical talk, seminar, conference, symposium, workshop, tutorial, etc.
 - exchange of ideas and sharing of knowledge amongst the professionals in the corresponding fields and provides support to Student Branches to conduct paper contest, quiz, etc.

Major Events (International, National)

- DELCON 2022 – Maiden edition of International conference of Delhi section organised in virtual mode from 11th -13th Feb.2022.
- IEEE Delhi section Industry awards, presented in the AGM of the section.
- A series of activities conducted even during Covid 19 pandemic to keep the spirit of IEEE high and active. All 22 chapters and 121 student branches associated with Delhi section together conducted 935 activities in the calendar year. A distribution table for variety of activities conducted is presented as below –

Sr. no.	Category	Count of activities
1	Administrative	90
2	Humanitarian	20
3	Non technical	67
4	Technical	613
5	Professional	141
6	Pre U- Stem Program	04

Details of all these activities have been well fed in VTools.

- New logo of IEEE Delhi section, as per IEEE guidelines, was also approved in fifth executive committee meeting held on 14th January, 2022 and is given below –



A.2 Financial Report

Attached at Annexure 1

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

Executive committee for this year took charge on 14th March, 2021. Since last one year of time, 5 execom meetings were held on dates –

- 4th April, 2021
- 13th June, 2021
- 20th August, 2021
- 14th November, 2021
- and 14th January, 2022

A series of measures were taken to ensure that membership count keeps on increasing for through out the year.

- Total count of members reported in first execom meeting – 3024
- Total count of members reported in fifth execom meeting – 5556
- Total count of members reported till date – 5985.

So, there has been an unprecedented close to 100 % growth in membership in last one year of time.

For this, section received a certificate from the Chair of 2021 IEEE MRR Committee stating that section has achieved the target membership count. A screenshot of the email received on 15th October, 2021 is pasted as below –

On Friday, October 15, 2021, 7:24 PM, levgen Pichkalov <pichkalyov@ieee.org> wrote:

Dear Rachana Garg,
Dear Jasdeep Kaur Dhanoa,

I am pleased to recognize the Delhi Section for meeting both its recruitment and retention goals for the 2021 membership year. Congratulations!

Membership development goals were developed based on your Section's three year performance. You are to be commended for continuing to grow IEEE membership in the Delhi Section, especially during this very difficult time in our world and our lives.

In recognition of this achievement, I have attached an image that you can place in your email signature and on your Section website or newsletters, which signifies your outstanding achievement for the 2021 membership year.

Please feel free to share this with other leaders in your Section to recognize the good work you are doing, and to let your members know you are working hard to provide them the best member experience possible.

In addition, in the coming weeks you will receive a formal certificate of recognition via regular mail. You will receive a separate email from Elyn Perez to order your IEEE-branded gift as well.

I also ask you to pay attention to the possibility of submitting the MD action plan for 2022, the extended submission deadline is October 22. You can find more information on our MD portal: <http://ieee.org/md>

Finally, I request your continued support and good efforts toward ensuring membership growth continues in 2022 and beyond.

Regards,

Eugene Pichkalov

Chair of the 2021 IEEE Membership Recruitment and Recovery (MRR) Committee

B.2 Chapter Activities

- Total number of Chapters in the Section - 22
- Number of Chapters formed in the current year – 1 and Photonics-Rajasthan chapter has been revived.
- Number of active Chapters (Chapters who have reported required number of meetings during the year) – Most of the chapters were active throughout the year. However, few chapters as indicated (in red) in table below have not fed in the details of the activities conducted by them in Vtools.
- Summary of Chapter activities – Tabulated as below

Name of the chapter	Name of the chair	No. of activities in CY 2021
Antennas and Propagation-Jaipur	Prof. Mahendra M. Sharma	3
Circuits and Systems - Control Systems	Dr. Rakesh K. Palani	10
Communications	Mr. Prashant Chugh	53
Computational Intelligence	Prof. Bijaya Ketan Panigrahi	0
Computer Society	Mr Daman Dev Sood	36
Consultants Network	Prof. Subrata Mukhopadhyay	27
Education	Prof. Bhim Singh	3
Electron Devices	Prof. Mridula Gupta	23
Geoscience and Remote Sensing	Prof. Om Prakash N Calla	0
Instrumentation & Measurements - Engineering in Medicine & Biology	Dr. V. R. Singh	69
Intelligent Transportation Systems	Dr. Ayesha Choudhary	3
Microwave Theory & Techniques	Prof. Shiban K. Koul	4
Nanotechnology - Magnetism	VACANT	0
Oceanic Engineering	Prof. Arun Kumar	12
Photonics-Rajasthan	Dr Manpreet Singh Manna	14

Power Electronics - Industrial Electronics	Prof. Sukumar Mishra	18
Power Engineering - Industry Applications	Prof. Dinesh Kumnar Jain	20
RFID - Antennas and Propagation	Prof. Malay R Tripathy	19
Signal Processing	Dr. Anubha Gupta	16
Solid-State Circuits	Mr. Rakesh Malik	7
Systems, man and Cybernetics Society	Prof. S S Tyagi	17
Technology Management	Prof. K. Subramanian	3

Details are available in Vtools.

B.3 Professional and Continuing Education Activities

Major conferences under the aegis of the section were conducted as below -

- International Conference on Intelligent Information Processing and Management-2021 (ICIIPM- 2021), later on **changed** as, International Conference on Industrial Electronics Research and Applications (ICIIRA-2021) held during December 22-24, 2021 at ECE Department, Maharaja Agrasen Institute of Technology (MAIT), *affiliated to GGS Indraprastha University, New Delhi, India, changed to hybrid mode* (and having Conference website: <http://ece.mait.ac.in/iciira21/>)

- 2021 IEEE Indian Conference on Antennas and Propagation (InCAP 2021), the 4th edition of IEEE Indian Conference on Antennas and Propagation launched and organized by AP-S chapters of India, held during December 16-19, 2021 at Malaviya National Institute of Technology, Jaipur (MNITJaipur), Rajasthan, India (and having Conference website: <http://jaipur.incapindia.in>)

- The 10th International conference on Internet of Everything, Microwave Engineering, Communication and Networks (IEMECON), held during December 01-02, 2021 at University of Engineering & Management, Jaipur, Rajasthan, India (having Conference website: <http://iemecon2021.uem.edu.in/>)

-2021 Sixth International Conference on Image Information Processing (ICIIP -2021) held during November 26-28, 2021 at Jaypee University of Information Technology (JUIT), Solan, Himachal Pradesh, India, *changed to virtual mode* (and having Conference website: http://www.juit.ac.in/iciip_2021/)

- The 10th International conference on Internet of Everything, Microwave Engineering, Communication and Networks (IEMECON), held during December 01-02, 2021 at University of Engineering & Management, Jaipur, Rajasthan, India (having Conference website: <http://iemecon2021.uem.edu.in/>)

-2021 Sixth International Conference on Image Information Processing (ICIIP -2021) held during November 26-28, 2021 at Jaypee University of Information Technology (JUIT), Solan, Himachal Pradesh, India, *changed to virtual mode* (and having Conference website: http://www.juit.ac.in/iciip_2021/)

- 6th International Conference on Signal Processing, Computing and Control (ISPCC2k21) during October 07-09, 2021 at JUIT Waknagat, H.P., India, *changed to virtual mode* (and having Conference website: http://www.juit.ac.in/ispcc_2021/)

- Second International Conference on Secure Cyber Computing and Communications (ICSCCC), 2021 held during May 21-23, 2021 at Dr. B R Ambedkar National Institute of Technology Jalandhar, Punjab, India with NIT Jalandhar, IK Gujral PTU, Jalandhar and IIIT Una, HP as Financial Co-Sponsors (having Conference website: <https://www.nitj.ac.in/icsc2021/>)

15th Edition of INDIACom held during 17-19 March, 2021 at BVICAM, Bharati Vidyapeeth, New Delhi, India (having Conference website: <http://bvicam.ac.in/indiacom/>)

B.4 Students Activities

- Total number of Student Branches in the Section - 121
- Number of Student Branches formed in the current year– 06
- more emphasis was given to opening of student branch chapters and affinity groups a few examples are opening of Computer society SB chapter at GTBIT, Consumers society SB chapter at Chandigarh Univ, WIE SB AG at NIT Delhi

The Student Branches are encouraged to organize the membership drives in their Institutes to increase the membership count. The Student Branches are also encouraged to hold IEEE Day in their Institutes to increase their visibility by providing funds for organizing these activities.

To retain the Students Members, the Section gives various incentives to Student Members like partial funding to attend All India Student/YP/WIE Congress (AISYWC) and R10 Student Congress. Also, Section has initiated three awards viz, J K Pal Memorial Award, Outstanding Student Volunteer Award and Outstanding WIE Volunteer Award. One of the criteria for these Awards is the duration of their student membership. Branch Counsellor Awards were also given to selected counsellors for their commendable contribution during the ceremony. Awards help in spreading a strong positive message to the. Members and also helps in the retention of membership for longer durations of time.

There were the following categories under which awards were given to each Student Branch:

1. J K Pal Memorial Award (To final year students)
2. Outstanding Student Volunteer (To second/third-year students)
3. Outstanding WIE volunteer (To second/third-year students)
4. Outstanding Branch counsellor Award

Below are the details of major activities conducted by Student Activities Committee, Delhi section in association with student branches –

Women Across Generational Work Styles

On March 8th 2021, International Women's Day, the IEEE Delhi SAC hosted a panel discussion "Women Across Generational Work Styles" to highlight the fact that women have always played leadership roles in society and to learn about the differences and similarities that these generations of women in the workplace have in common. Different female leaders presented their personal stories, leadership trajectories, and lessons acquired along the way to imply in the future.

WIEMPOWER 3.0 ~ Code-O-Fiesta

The IEEE Delhi Section Student Activities Committee, in collaboration with IEEE IGDTUW SB, conducted a programming challenge "Code-O-Fiesta" on April 10th 2021 for participants to explore their potential and level up by competing against elite developers from around the world .

Best Out of Waste

On the occasion of World Environment Day on June 5th 2021, the IEEE Delhi Section Student Activities Committee, in association with the IEEE Delhi Section Special Interest Group on Humanitarian Technology (SIGHT), hosted an event called "Best Out of Waste" with the theme "Think Outside the Trash and Upcycle," in which participants were encouraged to do their part by repurposing everything that was available to them and winning exciting prizes.

Ideathon - Finding Solution for environmental issues

To celebrate World Environment Day on June 5th 2021, IEEE Delhi Section Student Activities Committee, in association with the IEEE Delhi Section Special Interest Group on Humanitarian Technology (SIGHT) hosted an IDEATHON-aimed to find solutions for environmental issues.As a reference work, the participants were given themes .While all the participants received e-certificates, the winners were awarded with exciting prizes .

IEEE Delhi Section Award Ceremony 2021

On the 4th July 2021, the IEEE Delhi Section SAC hosted the IEEE Delhi Section Award Ceremony'21 to recognise the tireless efforts of student volunteers across the section by presenting them with awards in a variety of

categories, including the Dr. JK Pal Memorial Award, Outstanding Student Volunteer Award, Outstanding WIE Student Volunteer Award, and so on.

Virtual Forum: IEEE as a Career Growth

IEEE YMCA SB, in collaboration with IEEE Delhi Section SAC and IEEE Region-10, conducted, "Virtual Forum: IEEE as a Career Growth", under IEEE Drive 2021 - A Mass Membership Awareness Drive on 18th July 2021. This e-panel discussion was conducted with an aim spread awareness about opportunities to budding individuals in their field of interest.

Student Branch Officers Meetup

IEEE Delhi Section SAC convened the Student Branch Officers Meetup in virtual mode on 25th July 2021 to enhance awareness about SB Execomm duties, membership benefits and financial aid available to the student branches. The Student Branch Counselors and Chairs also laid down their ideas, respective plans of action for the upcoming tenure, and the difficulties they faced in the previous year.

Robotronics E-Workshop

The IEEE Delhi Section SAC, in association with IEEE YMCA SB took on an innovative endeavour to organize a virtual hands-on workshop named "Robotronics" on August 7th 2021, where participants residing throughout North India were provided with hardware kits for the real-time construction of the Light Following Robot.

Cyber Innovations in Defence Webinar

Conducted on 13th August 2021, the webinar focused on the vitality of cyber technology and warfare in the Indian Defence Sector. The speakers shared their experience about serving in the Indian Armed Forces and discussed how cyber innovations are used to curb cyberwarfare.

Xtreminar

Xtreminar, an awareness session to enlighten the students about the know-how of the world renowned competition - IEEEExtreme was held on 29th August 2021 for students to learn about IEEEExtreme 15.0 and listen to the exemplary journey and experiences of the past teams. The competition day roadmap was discussed with the participants to give them an idea beforehand.

WIE AG Student Branch Officers Meetup

IEEE Delhi SAC, in collaboration with IEEE WIE AG Delhi Section hosted the WIE AG Student Branch Officers Meetup on 6th September 2021. The meeting was virtually conducted and aimed at providing a platform to student branch officers to get to know about their duties and learn how they can carry their respective branch forward.

IEEE Volunteer Tools: vTools& OU Analytics E-Workshop

On 26th September 2021, IEEE Region-10 Young Professionals Upskill - Delhi Section in coordination with IEEE Delhi Section SAC, conducted an e-workshop and training session to get Student Branches and Chapters' volunteers acquainted with the IEEE vTools platform and the significance of OU Analytics along with a clear insight into how to report officers and events under their respective student branch.

TECHNORAX V7.0

IEEE DELHI SECTION SAC, in association with IEEE ADGITM conducted TECHNORAX V7.0 - a two day TechFest. The event featured T-HACKS 4.0, a 24-hours virtual hackathon and SELL-IT-OFF, a competition for aspiring entrepreneurs. The top 10 teams were given the chance to pitch their product to a panel of judges and winners were awarded with exciting prizes and goodies.

Data Decoded With Tableau E- Workshop

IEEE Delhi Section Student Activities Committee in collaboration with the IEEE WIE AG Delhi Section conducted the event "Data Decoded with Tableau" on 29th October 2021. Enthusiastic students from different colleges and student branches attended the event in virtual mode to learn about connecting the data and acquiring meaningful information through visualisation.

IRC Workshop

IEEE Delhi Section's Industrial Relations Committee, in collaboration with the IEEE Kolkata section, IEEE UP section, and IEEE Communication Society – Delhi section, hosted an e-workshop "Industry - Academia Collaboration with a Focus on Research and Innovation" to help bridge the gap between academia and practical understanding on 25th September, 2021 and "Industry-Academia Collaboration With Focus on Research & Innovation", emphasising towards 'Innovations around Power and Energy Sector' on the 20th November 2021.

WIEALTH - Women Health And Diet Webinar

On 20th November 2021, IEEE WIE AG Delhi Section in collaboration with Equal Opportunity Cell, Delhi Technological University, hosted “WIEALTH”, a webinar for women’s health and diet, where the necessary diet plans for a healthy living were discussed along with the Ayurveda practices to cure various diseases.

Women in Corporate World: A Freewheeling Conversation

In collaboration with DTU's Equal Opportunity Cell, IEEE Delhi Section Student Activities Committee and IEEE WIE AG Delhi Section hosted a webinar "Women in the Corporate World: A Freewheeling Conversation," on 18th January 2022. The purpose of the event was to acknowledge everyone about creating a gender unbiased environment.

IEEE DELCON 2022

The maiden edition of IEEE Delhi Section International Conference on Electrical, Electronics and Computer Engineering - DELCON 2022 covering broad topics in the areas of Electrical, Computer and Electronics Engineering, was organised in association with IEEE NSUT Student Branch from 11th February - 13th February 2022.

WIECHAR

IEEE Delhi Section Student Activities Committee and IEEE WIE AG Delhi Section conducted IEEE DELCON 2022 Special WIE Track event “WIECHAR”, an educational debate competition on women empowerment on 13th February 2022. The top 12 participants from the first round presented their views on the topic “Gender Bias in the Professional World: Myth or Reality”.

Design~Wave

IEEE Delhi Section Student Activities Committee conducted a two-day event, Design~Wave, consisting of a workshop, experience talk and a 12-hr long competition on 25th-26th February where attendees learned the basics of UI/UX design principles through the workshop and competed for exciting rewards towards the end of the session.

● **B.5 Affinity Group Activities**

Table below provides count of activities conducted by Affinity groups associated with the section –

Name of the affinity group	Name of the chair	No. of activities in CY 2021
Life Member	Mr H L Bajaj	42
WIE	Priya Mahajan	14
Young Professional	Jatin Batra	3
CN	Prof. Subrata Mukhopadhyay	27

All the details are provided on VTools.

B.6 Awards & Recognition Activities

- Award constituted by the Section – Second edition of IEEE Delhi section awards was organized this year. Awards as below were bestowed on achievers –

Sr. no.	Category of awards nomination	Name of the awardee
1	Technologist of the year (Male), Age More than 35 year	Dr Vinod Karar, CSIO, Chandigarh
2	Young Technologist of the year (Age less than 35 years)	Dr Manan Suri, IIT Delhi
3.	Technologist of the year (Female)	Dr Anupma Thakur, Post Doc at IIT, Gandhinagar

Other achievements

- 2021 R10 Women In Engineering Outstanding Student Volunteer Award has been bagged by Virendra Pratap Singh from (Delhi Section)
- 2021 R10 Young Professionals UpSkill | Delhi section won the award

- Conference Leadership program organized by R10 was attended by volunteers from Standing committee (Technical and Professional activities).
- Prof. Prerna Gaur, immediate past chair of the section got award for Outstanding Branch counsellor.
- 2021 MGA Achievement Award was bestowed upon '**Rajendra Kumar Asthana**' from Delhi Section, "*For outstanding efforts in developing innovative strategies, and improving engagement and growth of Life Member Affinity Groups in Region 10*"
- Prof. Mayank Vatsa from IIT Jodhpur was elevated to position of Fellow for contributions to secure biometric recognition
- Section volunteers also received awards under various IC categories Technologist of the year, Outstanding student volunteers, Outstanding YP volunteers and outstanding student branch award.
- Outstanding Chapter Engineer Awards for 2021 (with more than 15 years in the profession) - Prof. Bijaya Ketan Panigrahi (IIT Delhi), and
- Outstanding Chapter Engineer Awards for 2021 (with less than 15 years in the profession) - Er. K V N Pawan Kumar (POSOCO)

B.7 Communication Activities (Newsletter, Home Page, E-mail etc.)

Website of the section - <https://ewh.ieee.org/r10/delhi/> is maintained on a regular basis with details of all the activities. Other social media channels –

Other means of contacts with Section members including social media

- Facebook Page <https://www.facebook.com/groups/delhi.ieee/>
- <https://www.facebook.com/groups/delhissn/>
- https://www.facebook.com/search/top/?q=ieee%20delhi%20section%20student%20network&epa=SEARCH_BOX

B.8 Industry Relations

Details about increase in membership count have also been provided in section B.1.

Under the aegis of Institution of Railway Electrical Engineers, The Institution of Engineering and Technology, Institute of Electrical and Electronics Engineers, The Institution of Engineers (India) (Delhi State Center), the 7th R. K. VIR MEMORIAL LECTURE entitled "Innovations in Electrical Traction" by Shri Gautam Bannerjee was organised by TEM in association with IEI and IET/DLN

w/s by ajay goel

B.9 Humanitarian Technology Activities

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.
- SIGHT Activities

In line with IEEE vision of penetration of technology across humanity, IEEE Delhi Section, through its SIGHT wing, is actively involved in reaching to the underprivileged and deprived section of the society. It is aimed at bringing overall life in their daily routine, which not only facilitates to connect them closer to the technology but also helps them, to the extent possible, to be closer to the mainstream. As a Community Service, SIGHT volunteers keep on choosing selected clusters of such sections of the society in and around the jurisdiction of the Delhi Section and undertake a variety of the activities/events for their overall welfare, upliftment and betterment.

A large number of activities were conducted during year 2021 to support Covid 19 victims under the leadership of Mr Ravindra Joshi, Chair, SIGHT.

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)”

Many of the student branches associated with section celebrated IEEE Day and Engineers week. Details of the same are very much available in Vtools.

PART C- OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved
- Funding secured from the IEEE and external sources including sponsorships |
- Section received Rs.54,58,932 From IEEE HQ as funding for its various chapters, societies and affinity groups. From external sources, Section received Rs.4,88, 545 as TCS fee, sponsorship and return of seed money from IEEE Delhi Section supported conferences

C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)

- **Nature of relationship and details of any formal agreement signed—**

IEEE Delhi Section supports and participates in the activities jointly organized by IEEE IETE and IEI. Chair and many EXECOM members attended the meetings of IETE and IEI and provided financial assistance for IEI activities on 4th Jan 2021 for conduct of R K Vir memorial lecture.

- **Benefit to IEEE members**

The entry was free to nominated IEEE members in all Technical seminars jointly organized.

- **Benefit to Section (for example help in membership development, venue facilities, cost-saving etc.)**

IEEE as a brand got a lot of visibility with these initiatives and membership count increased almost by close to 100 %.

C3. Collaboration with other IEEE Sections

- Support extended to neighboring Sections: Section extended support of Rs.1,83,979 to IEEE India Council, which was 50% of surplus generated from INDICON 2020 conference organized by Delhi Section in 2020.
- Joint activities with any other Section : NA

C.4 Support extended to Sub-sections & Society Chapters within the Section

- Support extended for organising technical, educational and professional activities: Section extended support of Rs.1,00,000 to IEEE Rajasthan Subsection in November 2021 for conducting various technical activities. Rs.37,48,008 was provided to various chapters and student branches for organizing technical and educational activities.
- Joint activities for membership development: Support of Rs.4000 was provided to membership development committee for conducting two sessions to apprise students about benefits of IEEE membership.
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section: NA

C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members)

There is a lot of emphasis on regular reporting of the activities in VTools and also discuss about the same in every execom meeting. Section execom members are very closely bonded. In section sponsored conferences, IEEE stalls are put up to enhance the membership

C.6 Problems anticipated and suggestions for solutions, if any

- Covid 19 has played Havoc since last 2 years and has limited the physical meetings. It was a pity that not even a single execom meeting could be conducted in physical mode in last year. There is an effort to conduct more physical meetings once the situation improves.
- Membership development and member retention is a problem area. Future 50 scheme is a good initiative to overcome the membership issues. In section sponsored conferences, IEEE stalls are put up to enhance the membership
- Also getting YPs and Industry persons involved in IEEE activities is also difficult. To overcome this, Awareness campaign has been initiated in various Industries like Indian Railways etc.

PART D - GOALS AND PLANS |

D.1 Continuation of project/activity in progress and their implementation plans

- Maiden edition of DELCON has been organized this year. There is plan to make it a regular feature and make it a very high class and much sought after conference in time to come.
- Industry awards need to be strengthened so that more worthy nominations may be brought in.
- R.K.Vir Memorial lecture is organized every year, in association with Indian Railways
- Every year HTC, SIGHT and WIE are doing activities for the uplifting of weaker sections of the society. The section would definitely like to continue with these activities.
- The Delhi section is approving conferences only after due considerations and are following the norms strictly. In future also we will be judiciously giving approval to the conferences.

D.2 Goals and Future Plans

- To focus more on retention of members and to involve YPs and Industry people in section activities.
- To start project for Persons with Disability
- To open more SB chapters

D.3 Any innovative ideas to make IEEE more creative and value added for sustaining the membership retention and recruitment goals.

- Regular reporting and follow-ups may play in ensuring a continued interest of the members.
- The conference organisers may put up stall where the benefits of IEEE membership may be explained to the participants and on-the-spot membership applications may be taken

D.4 Business Plan for Sustainable Growth and Financial Stability.

- Efforts are put in organizing more conferences and workshops.
- More activities to be organized jointly with other technical societies.
- Society Chapters should organize events jointly.