

IEEE Uttar Pradesh Section Report 2016



Section Report 2016 **(IEEE Uttar Pradesh Section)**

PART A - SECTION SUMMARY

A.1 Executive Summary –

IEEE Uttar Pradesh (UP) Section is one of the most vibrant sections in India, which can be seen from the numerous events and activities, awards and growth of membership. It has continuously increasing for last three years in terms of opening of new student branches, new student branch chapters, section chapters. In 2016, Section took many initiatives such as various DL activities, invitation to the society Chapters Presidents, R10 Director, IEEE president, etc. IEEE UP Section technically sponsored 25 conferences/technical and 15 conferences/ technical events are financially supported. In 2016, UP Section organized 150 events including the meetings, lectures, etc at various placed of the section. IEEE UP Section was one of the supporting sections of R10 SYWL Congress (50th celebration of R10) held at Bangalore during August 22-25, 2016. UP Section also hosted R10-HTC, which is first R10 event in the section, at DEI Agra with a great success where IEEE President and R10 Director inaugurated the conference. Mini-POCO was also organized during UPCON 2016 at IIT BHU and R10 Director was presented during the conference. Since section started celebration the 25th year of establishment, the new award to honor the senior volunteers has been stated. Prof SC Srivastava, IIT Kanpur who was instrumental in forming the section, was given this first award during UPCON2016 at IIT BHU Varanasi. Section also felicitated to Er K Ramakrishna, R10 Director during the UPCON 2016.

• **Executive Committee (2016)**

All office bearers, conveners of different committees, chairpersons of subsections and society chapters, and immediate past chairperson of the section are ex-officio members of the executive committee.

Office bearers

1. Chairperson – **Dr. J Ramkumar**, ME Department, IIT Kanpur, jrkumar@iitk.ac.in
2. Vice-Chairperson – **Dr. Anoop Singh**, IME, IIT Kanpur, anoops@iitk.ac.in
3. Vice-Chairperson – **Dr. R K Srivastava**, EE Department, IIT BHU, rksrivastava.eee@itbhu.ac.in

4. Secretary – **Dr. Dilip Kumar Sharma**, Dept. of Computer Engineering & Applications ,GLA University, Mathura, dilip.sharma@gla.ac.in
5. Joint Secretary – **Dr. Asheesh K Singh**, EE Department, MNNIT Allahabad, asheesh@mnnit.ac.in
6. Treasurer – **Dr. Satish K. Singh**, IT Department, IIIT Allahabad, sk.singh@iiita.ac.in

Conveners of various committees

Conveners of various committees

1. Convener, Awards and Recognition Committee - Dr. S. N. Singh, EE Department, IIT Kanpur, snsingh@iitk.ac.in
2. Convener, Electronic Communication and Promotion Committee - Dr. Y. N. Singh, EE Department, IIT Kanpur, ynsingh@iitk.ac.in
3. Convener, Professional Activities Committee – Dr Aseem Chandel, EE Department, BSA Mathura, aseemchandel@gmail.com
4. Convener, Professional Activities Committee – Dr. Ekram Khan, EC Department, AMU, Aligarh, ekhan67@gmail.com
5. Convener, Membership Development Committee – Dr. Sunil Kumar Khatri, Director, AIIT, Amity University, Noida, sunilkkhatri@gmail.com
6. Convener, Educational Activities Committee – Dr Harish Kumar, Director, FET, Rama University, Kanpur, hc78@rediffmail
7. Convener, Women in Engineering (WIE) affinity Group- Dr Alaknanda Ashok, Director Women Institute of Technology, Dehradun alagn@rediffmail.com
8. Convener, Young Professional Affinity Group- Mr Vikrant Bhateja, ECE., SRMGPC, Lucknow bhateja.vikrant@gmail.com
9. Convenor, Web and News Letter Committee- Dr Rajat K Singh, EC Department, IIIT Allahabad, rajatsingh@iiita.ac.in
10. Convenor, Special Interest Group of Humanitarian Technology (SIGHT) group- Dr Asheesh K Singh, EE Department, MNNIT Allahabad, asheesh@mnnit.ac.in
11. Convenor, Industry Relations Committee, Mr Sanjaya Kumar Saxena, GrayPE Systems, Noida, sanjaya@graype.in
12. India council representative, Dr. Kumar Vaibhav Srivastava, EE Department, IIT Kanpur, kvs@iitk.ac.in

Chairpersons of various subsections / society chapters

1. Chairperson, Roorkee subsection - Dr. Amalendu Patnaik, Dept. of Electronics and Communication Engineering, IIT Roorkee, apatnaik@ieee.org
2. Chairperson, Nepal subsection - Dr. Arun K Timalina, Dept. of Electronics and Communication Engg., IOE, Tribhuvan Univ, Nepal, t.arun@ioe.edu.np

3. Chairperson, IEEE PE/IA (Power engineering/ industry application) Chapter, Dr Abheejeet Mohapatra, EE Department, IIT Kanpur, abheem@iitk.ac.in
4. Chairperson, IEEE ED (Electronics devices) UP (Nepal) chapter - Dr. Bhadra Pokharel, bhadrapokharel@hotmail.com
5. Chairperson, IEEE SP/C (Signal processing/ computer) Joint chapter - Dr US Tiwary, IIIT Allahabad, ustiiita@gmail.com
6. Chairperson, IEEE MTT (Microwave Theory and Techniques) Joint chapter- Dr Animesh Biswas, EE Department, IIT Kanpur, abiswas@iitk.ac.in
7. Chairman, IEEE Circuit and Systems, and Solid State Circuit Joint Societies Chapter, Dr Brajesh Kumar Kaushik, ECE Department, IIT Roorkee, bkkaushikiitr@gmail.com
8. Chairperson, IEEE Robotics and Automation Society Chapter, Dr G Nandi, IIIT Allahabad, gcnandi@iiita.ac.in
9. Chairperson, IEEE IE/PE/CS (industrial electronics/ power electronics/ control systems) Joint chapter- Dr Shubhi Purwar, EED, MNNIT, Allahabad, shubhi@mnnit.ac.in
10. Chairperson, IEEE CIS Chapter- Dr RK Mishra, EE Department, IIT BHU, rkmishra.eee@iitbhu.ac.in
11. Chairperson, IEEE robotics and automation society, Dr. G. Nandi, gcnandi@iiita.ac.in
12. Chairperson, IEEE ED UP chapter, Dr. Yogesh S Chauhan chauhan@iitk.ac.in

Other members of the Executive Committee

Other members of the Executive Committee

1. Dr. S. C Srivastava, EE Department, IIT Kanpur, scs@iitk.ac.in
2. Dr. A .K. Chaturvedi, EE Department, IIT Kanpur, akc@iitk.ac.in
3. Dr. S. P. Das, EE Department, IIT Kanpur, spd@iitk.ac.in
4. Dr A Biswas, EE Department, IIT Kanpur, abiswas@iitk.ac.in
5. Dr. Ajai Jain, CSE Department, IIT Kanpur, ajain@iitk.ac.in
6. Dr Sandeep Shukla, CSE Department, IIT Kanpur, sandeeps@iitk.ac.in
7. Dr Santanu Mishra, EE Department, shantanu@iitk.ac.in
8. Dr. Mohd Rihan, EE Department, AMU Aligarh, m.rihan.ee@amu.ac.in
9. Dr. Prabhakar Tiwari, EEE Dept, GCET, Gr. Noida, tiwarip6@gmail.com
10. Mr. Ramesh Negi, All-India Radio, rameshnegi@yahoo.com
11. Dr. Narendra Kohli, CSE Department, HBTI, Kanpur, kohli.hbti@gmail.com

12. Dr Parma Nand Astya, School of CSE, Galgotia University, Noida, astya2005@gmail.com
13. Mr Sanjeev Sehgal, Indian Railways Allahabad, sehgal_sanj@rediffmail.com
14. Mr Imran Ullah Khan, Deptt. of Electronics Eng, Integral Univ, Lucknow, iukhan@iul.ac.in
15. Dr. Munesh Chandra Trivedi, CSE Department, ABES-EC, munesh.trivedi@gmail.com
16. Dr Sailesh Tiwari, ITS Greater Noida shaileshtiwari@its.edu.in
17. Mr DD Sharma, EED, Ruhelkhand Univ., Bareilly ddsharma@iitk.ac.in
18. Dr Pramod Kumar, Director, Tula Institute, Dehradun, drpramoderp@live.com
19. Mr Maneesh Kumar Pandey, Freescale Semiconductor India Private Ltd, Noida, maneesh.pandey@nxp.com
20. Mr Ankit Yadav, Student Representative, EED, IIT Kanpur, ankity@iitk.ac.in

- **Major Events (International, National): SEMINAR/CONFERENCE/SYMPOSIUM etc**

Technically Approved by IEEE Uttar Pradesh Section:

1. Department of Computer Science & Engineering, Amity School of Engineering and Technology (ASET), 6th International Conference, CONFLUENCE-2016: themed on “Cloud System and Big Data Engineering, January 14-15, 2016.
2. Amity School of Engineering & Technology, Amity University, Noida, Third International Conference on Signal Processing and Integrated Networks (SPIN 2016), February 11-12, 2016.
3. ABES EC Ghaziabad, 2nd IEEE International Conference CICT-2016 February 12-13, 2016.
4. IIIT Allahabad, International Conference on Bioinformatics and Systems Biology (BSB) March 4-5, 2016.
5. KNIT Sultanpur, International Conference on Emerging Trends in Electrical & Sustainable Energy System, March 11-12, 2016.
6. Tula’s Institute, Dehradun, First International Conference on Advances in Computing, Communication & Automation (ICACCA2016), April 8-9, 2016.

7. Galgotias University, Gr Noida, IEEE International Conference on Computing Communication & Automation (ICCCA2016), April 29-30, 2016.
8. Amity Institute of Information Technology, Amity University Uttar Pradesh, 5th International Conference on Reliability, Infocom Technologies and Optimization, September 7-9, 2016.
9. Department of Electronics and Communication Engineering, SRM University, Delhi NCR 2016, International Conference on “Micro-Electronics and Telecommunication Engineering”, September 22-23, 2016.
10. S. P. Memorial Institute of Technology, Kaushambi. 1st International Conference on Computer, Communication & Management Technologies, September 22-24, 2016.
11. Mahatama Jyotiba Phule Rohilkhand University, Bareilly Second International Conference on Advances in Computing, Communication & Automation (ICACCA2016), September 30 -October 01,2016.
12. Amity School of Engineering & Technology, Amity University, Noida The Next Generation IT Summit on the theme Internet of Things: Connect your Worlds, October 6-7, 2016.
13. Dept. of Computer Science & Engineering of Kamla Nehru Institute of Technology (KNIT), Sultanpur International Conference on Advance Computing and Software Engineering (ICACSE-16), October 14-15, 2016 .
14. University of Petroleum and Energy Studies, Dehradun, 2nd International Conference on Next Generation Computing Technologies (NGCT-2016), 14-16 October 2016.
15. United College of Engineering and Research, Naini, Allahabad, International conference on Control Computing Communication and Materials (ICCCCM-2016) , October 21-22, 2016.
16. KIET Ghaziabad Second, International Conference on “Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity (CIPECH-16), November 18-19, 2016.
17. GLA University, Mathura, Second International Conference on Communication Control and Intelligent Systems (CCIS-2016), November 18-20, 2016.
18. Graphic Era University, Dehradun, International Conference on Emerging Trends in Communication Technologies (ETCT 2016), 18-19, November, 2016 .

19. College of Computing Sciences and Information Technology, Teerthanker Mahaveer University, Moradabad Fifth international Conference named System Modeling & Advancement in Research Trends-SMART, November 25-27, 2016.
20. IIT Roorkee, 11th IEEE International Conference on Industrial and Information Systems (ICIIS 2016), 3-4 December 2016.
21. IIT BHU, Varanasi 3rd International Conference on Electrical, Electronics & Computer Engg, (UPCON2016), Dec. 9-11, 2016.
22. Amity University, Noida, 2nd International Conference on Contemporary Computing and Informatics (IC3I), December 17-19, 2016 .
23. Dayalbagh Educational Institute, Agra, IEEE R10 Humanitarian Conference (HTC), Dec. 21-23, 2016.
24. ShriRam College of Engg and Mgt National Expressway (AB Road), Banmore, Morena M.P, International Conference on Computational Intelligence & Communication Networks, December 23-25, 2016 at Dehradun.
25. Jaypee Institute of Information Technology, Noida, International Conference on Signal Processing and Communication (ICSC 2016), December 26-28, 2016.

Following conference/workshop etc has been in association/Technical co-sponsored (without IEEE Xplore)/financially approved by IEEE Uttar Pradesh Section:

1. Rama University Uttar Pradesh, Kanpur. UP International workshop on Education Technology and Green ICT, March 9, 2016.
2. Rajshree College of Engineering, Bareilly Expert Lecture and IEEE Awareness Seminar , 14-Mar-16.
3. Rama University, Kanpur National Conference on “Current Advances in Science and Technology”, 19 March 2016.
4. BSACET Mathura National Conference on "Recent Development in Electrical, Electronics and Communication Engineering, April 9-10, 2016.
5. Integral University Lucknow National Workshop on Emerging Trsend in Non-Conventional Energy Resources (Thrust area: Solar PV Systems) Feb 26-27, 2016.
6. Integral University Lucknow Emerging Trends in Non-Conventional Energy Resources (Thrust area: Solar PV Systems), 22-Oct-16.
7. MJP Rohilkhand University, Bareilly ,International Symposium on Internet of Things, April 22-23, 2016.

8. Galgotias University, National Level Project Competition “PROWAR, 30th April 2016.
9. SRMGPC, Lucknow (U.P.), International Conference on Computing, Communication and Control Technology (IC4T-2016), 10-12 Nov, 2016.
10. UTU Dehradun IEEE Student Conference on Humanitarian Technologies , June 10-11, 2016.
11. IEEE R10 Mini POCO 2016, UPES Dehradun, June 11, 2016.
12. I.T.S Engineering College, 46, Knowledge Park - III, Greater Noida International Conference on Advancement in Energy, Drive & Control (ICAEDC-2016), November 11-12, 2016.
13. Dept of Electrical Engineering, M. N. National Institute of Technology Allahabad Summer Internship Program in Electrical Engineering (SIPEE-2016), June 1-30, 2016.
14. Dept of Electrical Engineering, M. N. National Institute of Technology Allahabad National Workshop on Networked & Embedded Control of Energy and Systems (NECES-2016) October 14-15, 2016.
15. IIT Kanpur International Conference Photonics-2016, December 4-8, 2016.

A.2 Financial Report – Details are given at last page of this report.

- Summary (as per submitted NETSUITE)

IEEE : Region 10 :	
Balance Sheet End of FY 2016	
Financial Row	Amount
Current Assets	
Bank	
70218 - State Bank of India UP	Rs. 1,431,208.23
74158 - Non IEEE Investment (CD) UP	Rs. 397,644.00
Total Bank	Rs. 1,389,416.54

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the year 2016: **2135**
- Fellow Member: 2
- Life Member: 2
- Life Senior Members: 3
- Senior Members: 122
- Members: 818
- Associate Member: 17

- Student Members: 701
- Graduate Student Members: 762
- Affiliate Members: 8

- **Roorkee subsection: 337**
Events: Administrative/ Technical/ Professional- 9
- **Nepal Subsection: 40**
Events: Technical/ Professional -4

B.2 Chapter Activities

- **Total number of Chapters in the Section – 11**
Number of Chapters formed in the current year- (01)
IEEE Uttar Pradesh Section Electron Devices Society Chapter

- **Summary of Chapter activities chapter wise**
 - IEEE IE/PEL/CS (industrial electronics 32/ power electronics 25/ control systems 22=79) Joint chapter
Members: 32/25/22
 - IEEE PE/IA (Power engineering/ industry application 295+47) chapter
Members: 295/47
 - IEEE ED (Electronics devices 49+62)
Members: 111
 - IEEE SP/C (signal processing 64/ computer 183) Joint chapter
Members: 64/183
 - IEEE MTT chapter (133)
Members: 133
 - IEEE CIS (40)
Members: 40
 - IEEE WIE
Members: 373
 - IEEE CAS/SSC (Circuit and Systems 26/Solid State Circuit 35) Joint chapter
Members: 61

B.3 Professional and Continuing Education Activities

Summary of continuing Educational activities including conferences, technical activities, training courses, and distinguished lecture programs with attachment table / information

ACTIVITIES ORGANISED BY IEEE UP SECTION DURING YEAR 2016

DATE	NAME & ADDRESS	TITLE	Venue
11.01.2016	Dr. Uday Khankhoje	Computational Electromagnetics in Remote Sensing	IIT KANPUR
14.01.2016	Abhishek Kumar Gupta, University of Texas at Austin	Feasibility Analysis of Spectrum Sharing in 5G cellular using stochastic geometry	IIT KANPUR
22.01.2016	OM Prakash	Technology Circuit Co-Design for Low Power Design	Roorkee
25.01.2016	Mr. A.K.Singh, Mr. Mohd. Shadab Abedin	Entrepreneurship options in the field of engineering and pioneering internet of things	Lucknow
25.01.2016	Mr. Narendra singh sodha,PGCIL,GURGAON	Smart Grid,Synchrophasor Technology&its implementation in indian power sector	IIT KANPUR
25.01.2016	Mr. Dalibor Brnobic,Zagreb,Croatia University	PMU & their Usefulness in Renewable powerIntegration Power quality Measurement	IIT KANPUR
25.01.2016 - 30.01.2016	Professor Phalguni Gupta, NITTTR Kolkata	Faculty Development Programme	HBTI Kanpur
01.02.2016		General Body Meeting of IE/PEL/CS Chapter	MNNIT ALLAHABAD
02.02.2016	Dr. R.K. Misra	Executive Committee Meeting	IIT KANPUR
08.02.2016	Mr.Adnan Bohori	Innovating around conventional technologies	IIT KANPUR
08.02.2016	Dr. Udaya parampalli	Erasur codes in geo-diverse storage clusters	IIT KANPUR
14.02.2016	Dr Dilip Sharma	IEEE U.P. Section Annual General Meeting for the year 2015	IIT KANPUR
14.02.2016	Dr Dilip Sharma	IEEE U.P. Section 1 st Executive Committee Meeting	IIT KANPUR
19.02.2016	Pramod Kumar	IEEE Women Symposium	Tula's Institute, Dehradun
22.02.2016	William Isaac	SIGHT Visit To Bhingarhi	Zakir Hussain College of Engineering and Technology
26.02.2016 - 27.02.2016	Er. Praveen Varshney, Dr. Suresh C Bajpai, Prof. (Dr.) Usha Bajpai	Energy conservation and Energy Audit	Lucknow
27.02.2016	Dr. Aseem Chandel	AGM Branch	BSACET

			Mathura
04.03.2016	Sidharth Jain	String Duplication System	IIT KANPUR
4.03.2016 5.03.2016	Mr. M.P. Singh, Agra University	Soft Computing and its Engineering Applications using MATLAB	GLA University, Mathura
05.03.2016	B. H. Khan	EXPERT LECTURE ON HOW TO WRITE A TECHNICAL PAPER	Zakir Hussain College of Engineering and Technology
13.03.2016	Sharif Kidwai	S.I.G.H.T. VISIT TO TAJPUR- RASOOLPUR	A.M.U ALIGARH
21.03.2016 - 22.08.2016	Abheejeet Mohapatra	Resilient Power Distribution Networks through Microgrids	KANPUR
26.03.2016	Sharif Kidwai	Research Groups Initiative	A.M.U ALIGARH
01.04.2016	OM Prakash	EDS Issues and Challenges in Si Nanometer Device	Roorkee
03.04.2016	Yogesh Chauhan	First Meeting/inauguration Ceremony IEEE EDS Uttar Pradesh Section- Kanpur Chapter	IIT Kanpur
07/04/2016	Dr. L. D. Behera	Learning to Control Visually Guided Robotics Systems	IIT Kanpur
07.04.2016	ExCom members	IEEE IE/PEL/CS Chapter Lecture	MNNIT ALLAHABAD
08.04.2016	Prof. M. V. Kartikeyan, Dr. Amalendu Patnaik, Dr. Karun Rawat	Recent Advances in Microwave Integrated Circuits Technology	IIT Roorkee
09.04.2016 - 10.04.2016	Dr. Aseem Chandel	National Conference	BSACET Mathura
10.04.2016	Dr Dilip Sharma	IEEE U.P. Section 2 nd Executive Committee Meeting	BSACET Mathura
11.04.2016	Dr. Wladek Grabinski, Consultant & MOS-AK chair EPFL Switzerland	Free and Open Source Software TCAD/EDA tools for semiconductor device modeling	IIT KANPUR
12.04.2016	Dr. Nishchal K. Verma	Executive Committee Meeting	IIT KANPUR
13.04.2016	Vinay Rishiwal	ExCom Meeting	Bareilly
15.04.2016	William Isaac	Solar Lamp Design Challenge	A.M.U ALIGARH
17.04.2016	Vinay Rishiwal	IEEE awareness Symposium	Bareilly
18.04.2016	William Isaac	Line Follower Challenge	A.M.U

19.04.2016	William Isaac	Electro-Circuits Design and Present Challenge	A.M.U ALIGARH
19.04.2016	Dr. Aseem Chandel	Power Plant Visit at Narora	BSACET Mathura
20.04.2016	Sharif Kidwai	Tech Race	Aligarh
20.04.2016	Sharif Kidwai	Junkyard Builders	Aligarh
22.04.2016 - 23.04.2016	Ms. Vijay Laxmi, Prof. S. C. Sharma, IIT Roorkee	International Symposium on Internet of Things: Smart Innovation and Usages	Bareilly
22.04.2016	Sharif Kidwai	Social Conscious Engineer	A.M.U ALIGARH
24.04.2016	Dr. Aseem Chandel	Workshop on Automation using PLC and HMI	Mathura
26.04.2016	Mr. Sudhakar Mishra	SP/C Joint Chapter, IEEE UP Section	Allahabad
14.05.2016	Dr. Elisa Fratini, Dr. Gopi Chandra Kafle	Training on Computational Physics (Capacity Development Program)	Kirtipur, Kathmandu, Nepal
17.05.2016	Prof.(Dr.) R.K. Singh and Prof.(Dr.) A.K. Singh, Dr. Jagdish Gulati Prof. B.N. Jha and Mr. Sudhanshu Kannojia	IEEE Student branch starts at U.C.E.R, Allahabad	United College of Engineering & Research, Allahabad
27.05.2016	Dr. Sudhakar Rao, Technical Fellow, Northrop Grumman, USA.	IEEE AP-S	IIT KANPUR
01.06.2016	Dr. Bhim P. Kafle, Asst. Prof. KU.	2nd National Symposium on Nanotechnology for Novel Materials Processing (NSNMP-2016)	Kathmandu University, Dhulikhel, Kavre, Nepal
03.06.2016	Dr. Sudhakar Rao, Technical Fellow, Northrop Grumman, USA.	IEEE AP-S distinguished lecture by Dr. Sudhakar Rao (Northrop Grumman, USA)	IIT KANPUR
06.06.2016	ZUBAIR AKHTER	IEEE MTT-S Seminar on "LaTeX – A document preparation system"	Kanpur
06.06.2016	Mr. Debdeep Sarkar, EE, IITKANPUR	E MTT-S SBC Seminar on Introduction to Latex	IIT KANPUR
06.06.2016	Dr. Nishchal K. Verma	Faculty Development Program	Kanpur Institute of Technology, Kanpur
11.06.2016	Prof S. N. Singh IITK Prof J Ramkumar IITK Prof Dilip Sharma GLA Mathura	R10 MINI-POCO 2016	UPES Dehradun

11.06.2016	Dr Dilip Sharma	IEEE U.P. Section 3 rd Executive Committee Meeting	UPES Dehradun
18.06.2016	Prakhar Jain	National Conference on Control, Communication and Advance Computing, NCCAC 2016	THDC
28.06.2016	Dr. Sudhakar Rao, Technical Fellow, Northrop Grumman, USA.	IEEE AP-S	IIT KANPUR
06.07.2016	Prof. Subhonmesh Bose, Dept. of E and CE University of Illinois Urbana- Champaign	An integrated design approach to power systems: from Kirchhoff's laws to electricity markets"	IIT KANPUR
14.07.2016	Dr. Bhattarai, North Carolina A& T State University, USA	Talk Program	Pulchowk Campus, Pulchowk , Nepal
24.07.2016	Dr. Nishchal K. Verma, Dr. A.K. Deb and Dr. Mohammad Fazle Azeem	CIS Activity	Vancouver
02.08.2016	Dr. Pramod Varshney ,Eeand CS, Syracus University	Acopula based Frame work for Distributed Inference	IIT KANPUR
04.08.2016 - 05.08.2016	Mr. Vinod Kumar Jatav	IEEE-SB-IIITA ExCom Meeting	IIIT ALLAHABAD
10.08.2016	Prof. Mriganka Sur (MIT)	IEEE Invited Talk by Prof. Mriganka Sur (MIT)	IIIT ALLAHABAD
13.08.2016 - 14.08.2016	Arun Kant Singh	Latex Workshop	IIIT ALLAHABAD
18.08.2016	DR. KALPANA NAIDU, VNR VIGNANA JYOTHI INSTITUTE OF ENGG. & TECHNOLOGY, BACHUPALLY, HYDERABAD.	Bestowing of QOS in heterogeneous communication"	IIT KANPUR
19.08.2016	Dr. Nishchal K. Verma	Expert Lecture	Aligarh Muslim University
26.08.2016	Dr Dilip Sharma	IEEE U.P. Section 4 th Executive Committee Meeting	R10 SYWL Congress @ Hotel Lalit Ashok, Bangalore

26.08.2016	Mr.Anupam	Analytics : Journey From Data to Rich Insight	Bareilly
27.08.2016	Dr. R.K.Srivastava, Dr. Rajesh Gupta	Inaugural Event of IEEE Student Branch and Seminar	Kashi Institute of Technology, Varanasi
28.08.2016	Vinod Kumar Jatav	IEEE Technikwiz 2016	IIT ALLAHABAD
30.08.2016	Meeting	IE/PEL/CS Executive Committee Meeting	MNNIT Allahabad
30.08.2016	Prof. S. N. Singh	IEEE Tech-Professional Meeting	IIT ALLAHABAD
31.08.2016	Mr. Bhartendu Sinha ,VP& MD India, Bangaluru	Big Data and Analytics Integration in smart Power Grid Management	IIT KANPUR
01.09.2016	Sharif Kidwai	IEEE Student Branch Z.H.C.E.T., A.M.U. Second Bi-Annual Meeting	A.M.U ALIGARH
02.09.2016	Prof. Pramod Varshney, EE&CS, Syracuse University	"A Copula based Framework for Distributed Inference"	IIT KANPUR
03.09.2016	Zubair Akhter	Introduction to MATLAB	IIT Kanpur
03.09.2016	Dr. S. R. Samantaray	Issues and Challenge in Micro-Grid Protection	IIT Bhubaneswar
03.09.2016		IEEE IE/PEL/CS Chapter Lecture	MNNIT ALLAHABAD
05.09.2016	Dr. Aseem Chandel	Teacher's Day Celebration	BSACET Mathura
05.09.2016	Sachin Saxena	IEEE TEACHER'S DAY CELEBRATIONS	RAJSHREE Institute of Management & Technology, Bareilly,
06.09.2016	Dr. Aseem Chandel	Technical Quiz	BSACET Mathura
07.09.2016	Mr. Siddharth	Tech Talk and Discussions	IIT ALLAHABAD
09.09.2016	Dr. Aseem Chandel	Apptitude Test	BSACET Mathura
09.09.2016 - 12.09.2016	Anil Bhalautia	Workshop on Android	Bareilly
10.09.2016		Benefits of joining IEEE MTT society for microwave graduates	IIT Roorkee
14.09.2016	Dr. Aseem Chandel	One Day Workshop on Women Empowerment Through Go Green Initiative	BSACET Mathura
14.09.2016	Dr. Amalendu Patnaik, Associate Professor, IIT Roorkee	Open IEEE Communication Society	Moradabad, Uttar Pradesh

14.09.2016	Dr. Pankaj Sharma	Inaugural function of IEEE-MIT Student Branch	Moradabad Institute of Technology (MIT), Moradabad.
15.09.2016	Dr. H.P. Shukla	Engineer's Day	United College of Engineering & Research, Allahabad
19.09.2016 - 24.09.2016	Dr. Mohd Rihan	Save Electricity Awareness Week	A.M.U ALIGARH
21.09.2016	Dr.K.N. Srivastava, ABB Global Research Lab sweden	Rural Electrification: Technologies and challenges	IIT KANPUR
23.09.2016	Inderpreet Kaur	TECHNICAL QUIZ	Rohilkhand university Bareilly
23.09.2016	Dr. Aseem Chandel	Technical Symposium on Publication Ethics, Energy and Environment	BSACET BSACET Mathura
24.09.2016	Prof S N Singh , IIT Kanpur Prof. J. Ramkumar IIT Kanpur	National Workshop on 'Research Paper Writing and Publication Ethics'	GLA University, Mathura
26.09.2016	Mr. Vinod Kumar Jatav	2nd Ex-Com Meeting	IIIT ALLAHABAD
27.09.2016	Post-doctoral researcher, KU Leuven, Belgium	CNN-based Single Image Obstacle Avoidance on a Quadrotor	IIT KANPUR
29.09.2016	Prof . D.P. Kothari	NSG and environmental problems facing the third world and their Probable solution for sustainable development of Poverty alleviation	Varanasi
30.09.2016	Mr. Soumava Mukherjee, PhD Scholar, EE,IIT KANPUR	IEEE MTT-S Lecture on Substrate Integrated Waveguide Technology	IIT KANPUR
30.09.2016 -1.10.2016	Prof. Lau Siong Hoe, Prof. S. H. Nggada, Prof. Ashutosh Kumar, Prof. S. N. Singh, Prof. J. Ram Kumar, Prof. K V Arya	International Conference on Advances in Computing, Communication and Automation	Bareilly
01.10.2016	Dr Aseem Chandel	Distributed Generation Planning	Bareilly
01.10.2016	Dr. N Verma	Executive Committee Meeting	IIT KANPUR

04.10.2016	Arpit Singh	25 years of IEEE UP section	Bareilly
04.10.2016	Mr. Kumar Manu, Ms. Monica Kathuria, Mrs. Lavi Agarwa, Mr. Manas Singhal	XQuizIt	Moradabad, Uttar Pradesh
04.10.2016	Prof. Aseem Chandel	IEEE Day Celebration	BSACET Mathura
04.10.2016	Prof. Dilip Kr Sharma, GLA University, Mathura	IEEE Young Professional Awareness Talk	GLA University, Mathura
04.10.2016	Prof. Dilip Kumar Sharma, GLA University, Mathura	IEEE Day 2016 Celebration & Workshop on Cloud Computing using Microsoft Azure In association with IEEE YP AG UP Section	GLA University, Mathura
04.10.2016	Dr. Arbind Mishra, and Prof. Gokarna Motra	IEEE Day 2016 Celebration	Kathmandu, Pulchowk, Nepal
04.10.2016	Sri. Manish Kumar Singh	IEEE Day	United Group of Institutions, Allahabad
04.10.2016	Dr. K. K. Mishra	IEEE Day Celebration	Kashi Institute of Technology, Varanasi
04.10.2016	IEEE Student Branch MNNIT	IEEE Day Celebration	MNNIT ALLAHABAD
06.10.2016	Dr. Kalyan Sen	FACTS Controllers: Benefits & Challenges	IIT KANPUR
06.10.2016	Prof. U.S. Tiwary	IEEE Day Celebration	IIIT-Allahabad
06.10.2016	Prof. U.S. Tiwary	The advancement of Humanitarian Technology	IIIT ALLAHABAD
07.10.2016	Prof. Karu Esselle, Macquarie University, Australia	Electromagnetic Band Gap-Inspired Directive Antennas	IIT KANPUR
08.10.2016	Dr Dilip Sharma	IEEE U.P. Section 5 th Executive Committee Meeting	Amity University Noida
08.10.2016	OM Prakash	Recent Trends in Low Power VLSI Design	Roorkee
10/10/2016	Mr. Jitesh Kumar Bhatia, Mr. Pawan Kumar Verma GLA University, Mathura	Workshop on Rapid Web Designing	GLA University, Mathura
14/10/2016	Prof. I. N. Kar, IIT Delhi	NECES Workshop	Motilal Nehru National Institute of

			Technology Allahabad
15.10.2016	Suman Lata tripathi	Technical Events on Birth Anniversary of Dr A P J Abul Kalam	Kashi Institute of Technology
17.10.2016	Prof. Ekram Khan, Mr. Nihal Ahmad	National Workshop on Emerging trends In Communication Engineering and Image Processing "	Lucknow
17.10.2016	Pramod Kumar	Workshop on Embedded System Development using ArduinoUno-Microcontroller Board	Tula's Institute Dehradun, Uttaranchal
18.10.2016	Mr. Anand Rajurkara,EE, IIT KANPUR	"Next generation Wireless technologies: Current state of the art and Emerging Trends"	IIT KANPUR
20.10.2016	Vishal Seth	How to prepare for an Interview and DevOps	Bareilly
20.10.2016	Pramod Kumar	National Workshop on basic of vehicle dynamics -A hand on Experience	Dehradun, Uttaranchal
21.10.2016	Ashutosh Dwivedi, Technical Lead, RF & Microwave Expert Keysight Technologies India Pvt. Ltd.	High Power-High Frequency GaN Device Characterization, Load Pull Measurement & Modeling Flow	IIT KANPUR
21.10.2016	Mr. Himanshu Kumar	Circuit Hunt contest	BAREILLY
27.10.2016	Prof Dilip Kumar Sharma	IEEE Young Professional: An Initiative to Early Career Empowerment Opportunities	TMU Mooradabad
08.11.2016	Mr. Himanshu Kumar	Way to build your Professional Profile: Project and Practices	BAREILLY
09.11.2016	Dr. Anjan Basu, IIT Delhi	Microwave Measurement Techniques	IIT KANPUR
10.11.2016	Dr Dilip Kumar Sharma Secretary IEEE U.P. Section	IEEE Membership Benefits and Young Professional Awareness Program	SRM Lucknow
12.11.2016	Mr. Deepk Panwar, Mr. Abhisekh Rai, Mr. Chirag Agarwal, and Mr. Vivek verma	Industry Institute Interaction: Scope and Challenges	Bareilly
18.11.2016 - 20.11.2016	Prof. MK Radhakrishnan, Director of NanoRel Technical Consultants, Singapore, Prof. Pat Wheeler, University of	IEEE International Conference on "Communication, Control and Intelligent System (CCIS-2016)	GLA University Mathura

	Nottingham Dr. Vinod Khadkikar, MIT, Dubai, UAE, Prof. Francisco M. González-Longatt, UK, Prof. Derong Liu, University of Science and Technology Beijing		
18.11.2016	Dr KV Srivastava IIT Kanpur	Tutorial on Printed Antenna Technology for Modern Communication Systems. during CCIS 2016	GLA University Mathura
18.11.2016	Dr. Mitlesh Kumar Govt Engg College Jhalawar (RAJ)	Tutorial on UWB RF Transceiver	GLA University Mathura
18.11.2016	Prof J Ramkumar Chairman IEEE U.P. Section Dr Dilip Kr Sharma Secretary IEEE U.P. Section	IEEE Membership Awareness Program and Its Benefits	KIET Ghaziabad
19.11.2016	Dr Dilip Sharma	IEEE U.P. Section 6 th Executive Committee Meeting	GLA University Mathura
19.11.2016	Prof Ekram Khan AMU Aligarh	Tutorial on Digital Image Forensics during CCIS 2016	GLA University Mathura
19.11.2016	Pramod Kumar	INNOVIBES2016	Dehradun, Uttaranchal
19.11.2016	Santanu Mahapatra, Suchandan Pal, Yogesh Singh Chauhan	IEEE Workshop on Electron Devices 2016 (WED'16)	IIIT ALLAHABAD
19.11.2016	ExCom Members	Coding Contest- I/O Factory	MJP Rohilkhand University
25.11.2016	Mr. Vinod Kumar Jatav	Presentation on India Council AISYWC'16 BY DELEGATE FROM IEEE-SB-IIITA	LNMIIT, Jaipur
25.11.2016	Ms. Suvidha Tripathi	Presentation on R10 SYWLC'16 by delegate from IEEE-SB-IIITA	Lalit ashoka Hotel, Bangalore
27.11.2016	Danish Ather	2016 International Conference System Modeling & Advancement in Research Trends (SMART)	Moradabad, Selangor
29.11.2016	Dr. Nishchal K. Verma	Transducer and Instrumentation Virtual lab	KIT Kanpur
30.11.2016	Dr. Nishchal K . Verma	IEEE CIS Expert Lecture on "Transducer and Instrumentation Virtual Lab"	PSIT Kanpur

30.11.2016	Ms. Numminen Sini	“Frugal energy innovations and their ability to serve the energy needs”	IIT KANPUR
10.12.2016	Dr Dilip Sharma	IEEE U.P. Section 7 th Executive Committee Meeting	IIT BHU
10.12.2016	Prof. Gaurav Sharma	IEEE SPS Distinguished Lecture	IIT BHU VARANSI
11.12.2016	Prof. Gaurav Shama, Mr. Ramakrishna Kappagantu	IEEE SP/C AGM	IIIT Allahabad
14.12.2016	William Isaac	National Energy Conservation Day	Aligarh Muslim University; Aligarh
15.12.2016	Mr. S. P. Garnaik	Expert Lecture On Energy Conservation Techniques	Aligarh Muslim University; Aligarh
16.12.2016	Dr. Ratan Das	“Future Power System Protection, Automation and control”.	IIT KANPUR
19.12.2016	Prof Raj Bhatnagar - University of Cincinnati, OHIO- USA	Seminar on "Data Mining Algorithms and Their Scalability in Cloud Environments"	GLA University Mathura
24.12.2016	Prof. Rajkumar Buyya , University of Melbourne, Australia	Seminar on " New Frontiers in Cloud Computing for BigData, IoT, and Smart Cities Applications and Opportunities for Systems and Data Mining Researchers "	GLA University Mathura
29.12.2016	Dr. Prabodh Bajpai	Renewable Integration in Smart Grid	IIT Kharagpur
30.12.2016	ExCom Meeting	Executive Committee Meeting	IIT Kanpur
10.01.2017	Prof. Mayank Shrivastava, Indian Institute of Science Bangalore, India	Record High Graphene Transistor Performance	Kanpur
13.01.2017	Dr. Nandakumar Nambath Purushothaman, IIT Bombay	High Speed Integrated Circuits for Analog Domain Signal Processing Based DP-QPSK Receivers	Kanpur

B.4 Students Activities

Many student programs are organized including the leadership workshop, Branch chairs meet, Student symposiums, conference, Hackathan, etc. which can be seen from the activities.

• **Total number of Student Branches in the Section: 63**

1. IIT Kanpur
2. MMMEC Gorakhpur
3. KNIT Sultanpur
4. IET Lucknow
5. IIT Roorkee
6. IT-BHU Varanasi
7. ABES Engineering College, Ghaziabad
8. University of Allahabad
9. Amity School of Engineering & Technology Noida
10. Dr K N Modi Institute of Engineering & Technology, Modinagar
11. Bhagwant Institute of Technology, Muzaffar Nagar
12. Dehradun Institute of Technology
13. Raj Kumar Goel Institute of Technology, Ghaziabad
14. Krishna Instof Engineering & Technology, Ghaziabad
15. Sachdeva Institute of Technology, Mathura
16. JaypeeInst of Information Technology, Noida
17. J.S.S. Academy of Technical Education, Noida
18. Zakir Hussain College of Engineering & Technology, Aligarh
19. G. L. A. University Mathura
20. University of Petroleum & Energy Studies, Dehradun
21. Hindustan Institute of Tech. and Management, Keetham, Agra
22. Ajay Kumar Garg Engineering College, Ghaziabad
23. Sherwood College of Engineering, Research & Technology, Barabanki (Student Branch Chapter for MTT Society)
24. BSA College Of Engineering & Tech SB
25. Bipin Tripathi Kumaon Institute of Technology SB
26. Dayalbagh Educational Inst SB
27. Dronacharya Group of Institutions SB
28. Graphic Era University SB
29. Indian Institute of Information Tech-Allahabad SB
30. Inst of Tech &Mgmt - Gorahpur SB
31. Integral University SB
32. JRE Group of Institutions, Greater Noida SB
33. Motilal Nehru National Institute of Tech SB
34. THDC Inst of Hydropower Eng& Tech SB
35. United College of Engineering & Research SB
36. Galgotias College of Engineering And Technology SB
37. SRM University, NCR Campus SB
38. G. L. Bajaj Group of Institutions - Mathura SB
39. Galgotias University SB
40. IMS Engineering College - Ghaziabad SB
41. ITS Engineering College SB
42. Maharaja Agrasen Inst of Tech SB
43. Shepherd School of Eng and Tech SB
44. Manav Rachna College of Engineering SB
45. Gokaraju Rangaraju Inst of Eng & Tech SB
46. Siddaganga Inst Of Tech
47. Reva Institute of Technology and Management SB
48. Amity University Greater Noida Campus
49. Greater Noida Institute of Technology, Greater Noida

50. IIMT College of Engineering Noida Student Branch
51. IFTM University, Moradabad
52. Inderprastha Engineering College, Ghaziabad
53. Kanpur Institute of Technology, Kanpur
54. Krishna Engineering College, Ghaziabad
55. Mangalayatan University
56. R.R. Institute of Modern Technology Lucknow
57. Ram-Eesh Inst of Eng & Tech
58. Rajshree Institute of Management and Technology Student Branch
59. Shiv Nadar University
60. Tulas Inst, The Engg & Man College, Dehradun
61. Uttarakhand Technical University
62. Uttarakhand Technical University-Dehradun
63. Vivekananda College of Technology & Management

Number of Student Branches formed in the current year: 15

1. Bennett University Greater Noida Student Branch
2. Birla Inst of Tech-Mesra Student Branch
3. Kashi Institute of Technology Varanasi
4. MJP Rohilkhand University Student Branch Student Branch
5. Moradabad Institute of Technology Student Branch
6. Hindustan College of Science & Tech (HCST) Mathura Student Branch
7. Jaypee University Anoopshahr Student Branch
8. MBICT College Student Branch
9. National Institute of Technology – Uttarakhand Student Branch
10. Quantum School of Technology – Roorkee Student Branch
11. Saginaw Valley State Univ Student Branch
12. Teerthanker Mahaveer University Student Branch
13. Thapar University Student Branch
14. United College Of Engineering & Research-Allahabad Student Branch
15. Women Institute of Technology, Dehradun

• **Total number of Student Branch Chapters in the Section: 36**

1. BSA College Of Engineering & Tech, PE31
2. Bhagwant Institute of Technology MTT17
3. Hindustan Inst of Tech and MgntKeetham Agra MTT17
4. Indian Inst of Technology-Roorkee, CAS04
5. Indian Inst of Technology-Roorkee, ED15
6. Lovely Professional University RA
7. Sachdeva Institute of Technology, AP03
8. Sachdeva Institute of Technology, C16
9. Sachdeva Institute of Technology, MTT17
10. Sherwood Coll of Eng Rch& Tech, Barabanki, MTT17
11. THDC Inst of Hydropower Eng& Tech, PE31
12. THDC Inst of Hydropower Eng& Tech, RA24
13. United College of Engineering & Research, MTT17
14. University of Allahabad, C016
15. ABES Engineering College Branch Chapter, MTT17
16. ABES Engineering College, MTT17
17. ABES Engineering College, WIE

18. BSA College Of Engineering & Tech, WIE
19. G. L. A. University - Mathura, C16
20. G. L. A. University Mathura WIE
21. ITS Engineering College, PE31
22. ITS Engineering College, WIE
23. Indian Inst of Technology-Kanpur, IA34
24. Indian Inst of Technology-Kanpur, MTT17
25. Indian Inst of Technology-Roorkee, MTT17
26. Motilal Nehru National Institute of Tech, PE31
27. THDC Inst of Hydropower Eng & Tech, WIE
28. Indian Institute of Information Technology- Allahabad Robotics and Automation Society Student Branch Chapter
29. IIMT College of Engineering Noida Antennas and Propagation Society Student Branch Chapter
30. Rajshree Institute of Management and Technology Power & Energy Society Student Branch Chapter
31. Rajshree Institute of Management & Technology Women in Engineering Student Branch Affinity Group
32. IEEE CS UPES Dehradun Student Branch Chapter
33. Indian Institute of Information Technology-Allahabad Women in Engineering Student Branch Affinity Group
34. Indian Inst of Technology-Kanpur Antennas and Propagation Society Student Branch Chapter
35. IIMT College of Engineering Noida Computer Society Student Branch Chapter
36. Indian Institute of Technology-Banaras Hindu University-Varanasi Industry Applications Society Student Branch Chapter

• **Number of Student Branch Chapters/Affinity Groups formed in the current year: 16**

1. Teerthanker Mahaveer University Women In Engineering Student Affinity Group
2. United College of Engineering & Research Power & Energy Society Student Branch Chapter
3. Tula's Institute, The Engineering & Management College-Dehradun Microwave Theory and Techniques Society Student Branch Chapter
4. BSA College Of Engineering & Tech Microwave Theory and Techniques Society Student Branch Chapter
5. Women Institute of Technology-Dehradun Women In Engineering Student Branch Affinity Group
6. Moradabad Institute of Technology Women In Engineering Student Branch Affinity Group in the Uttar Pradesh Section
7. Moradabad Institute of Technology Communications Society Student Branch Chapter
8. Indian Institute of Information Technology-Allahabad Computer Society Student Branch Chapter
9. Moradabad Institute of Technology Communications Society
10. Indian Institute of Information Technology-Allahabad Signal Processing Society Student Branch Chapter in the Uttar Pradesh Section

11. G.L.A. University - Mathura Industry Applications Society Student Branch Chapter
12. G.L.A. University - Mathura Power & Energy Society Student Branch Chapter
13. Integral University-Lucknow Women in Engineering Student Branch Affinity Group
14. M. J. P. Rohilkhand University Power & Energy Society Student Branch Chapter
15. M. J. P. Rohilkhand University Women in Engineering Student Branch Affinity Group
16. Tula's Institute, The Engineering & Management College Women In Engineering Student Affinity Group

B.5 Affinity Group Activities

- WIE: Several activities are organized throughout the year under WIE Affinity Group of section and student branch. Several New WIE Affinity chapters are formed in the section.
- SIGHT: Various SGHT projects with help of R10 and Section are underway.
- YP: Formation is completed and several activities organized this year under the banner of YPAG Uttar Pradesh Section.

B.6 Awards & Recognition Activities

Award constituted by the section:4

1. Outstanding Branch Counselor/Advisor Award: **Mr Imran Ullah Khan, Integral University, Lucknow and Mr Mohd. Aamir Khan, GLA Univ. Branch Chair**
2. Outstanding Section Volunteer Award: **Dr Aseem Chandel, BSA Mathura**
3. Best Student Branch Chapter Award: **AMU Aligarh Student Branch**
4. Largest Student Branch Award: **IIT Roorkee Student Branch**

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

New Home Page of the section launched (give the URL and frequency which it is updated) <http://www.ieceup.org> . The newsletter is generated through this URL and send to all the members.

B.8 Industry Relations

- **Membership growth and retention:** Excom members approached many industries for renewal and to have the activities in their premise. General visits and promotion for growth & retention
- **Activities for/with industrial members:** Under UP Section banner, Industry excellence Awards are given to many prominent industries. Many industry people are invited for talk. Industrial visits to the students are also organized.

B.9 Humanitarian Technology Activities: SIGHT is being formed in the section. Activities related to SIGHT are started with the help of R10 and Section funding. R10-HTC was organized in the section with great success.

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)”: IEEE day celebrated. SIGHT projects are funded from the R10 and Section are under execution.

PART C - OTHERS

C.1 Relationship with National Societies: Section is actively involved with the local /national societies, vis. IETE. Institutions of Engineers (I) Kanpur Centre in association with IITK celebrated 48th World Telecommunication & Information Society Day celebrated on May 17, 2016 at IIT Kanpur. IEEE joined hands with Indian national academy of Engineering (INAE), IE(I) and Institution of Electronics and Telecommunication Engineers in celebrating the Engineers Day on 15th September 2016.

C.2 Special Events: Section organized the programs for the house wives such as computer usage, self defense against the eve teaser, etc.

C.3 Problems to be Anticipated: The membership retention is one of the major concerns and Uttar Pradesh Section is providing all the helps to the members to continue their membership. To promote the members, UP Section celebrated IEEE days at 16 student’s branches. IEEE Uttar Pradesh Section nominated students in various International and national level congress.

C.4 Best Practices of your section (which you would like share with other sections for the benefits of members): Various initiatives are taken such as

1. Approaching the industry and the Institute where limited members are there for forming the branches and chapters.
2. Organizing the leadership workshops for the volunteers of Section at various locations.
3. Organized Mini-POCO to increase the awareness in quality paper and conference organization.
4. Started giving the Life-Time Achievement Award to the senior volunteers of the Section.

PART D - GOALS AND PLANS

D.1 Continuation of Project/Activity in Progress and Their Implementation Plans:

As in previous years, our basic goal to organize an interesting and professionally exciting set of technical activities for our members so that we can help in promoting their professional growth. We will continue to hold as many good quality technical meetings to achieve this goal and would like them to be held in a distributed manner in the geographical section represented by us, i.e. the U.P. Region. In the U.P. Region, wherever we have a sufficient concentration of members or where we feel that IEEE membership can be promoted, we have been organizing and would like to continue to organize technical activities (or help in organizing them). This has helped and will help

further in our goal of promoting IEEE membership within the engineering professionals and students in this area.

Projects on WIE and SIGHT are done in last year and the same will continue in years to come. YP is formed in this year and various activities are conducted under YP umbrella.

D.2 Goals and Future Plans

We will continue to promote other regular technical activities in the U.P. Region by providing joint sponsorship, support and publicity to conference and symposia organized in and around this region. We continue to encourage our members to promote such activities and assist them in organizing these as far as possible. We intend to use our communication channels (email, WWW web page, newsletter etc.) to publicize these activities so that our members can gain maximum advantage from them. We also generally request the organizers of these activities to charge a reduced registration fee for IEEE members so that we can then use this to promote the benefits of IEEE membership.

We plan to encourage student membership by organizing activities focused on students' needs. We plan to organize useful panel discussions as has been done in the past. We also plan to organize site visits to local industrial organizations, power stations and laboratories for them. We are considering starting some lectures and group discussions, which can help in providing career guidance and counseling to students. We wish to promote better industry academia ties in our region and the first two special initiatives are planned accordingly.

Various activities are planned such as

- (a) Increase in industry members with various industries meet in the IEEE Uttar Pradesh Section conference.
- (b) Formation of student branches at several potential institutes and providing the guidance to organize the various activities.
- (c) Implementation of invited lectures with DL and local speakers
- (d) Many student related activities
- (e) Organization of MINI-POCO in the section.