

Region 10 Vizag Bay Section Report Format
(Part of 2020 - Not Full year)
Our Section formed in 2020.
The Final Formation Letter received us from MGA on 27-July-2020

PART A - VIZAG BAY SECTION SUMMARY

A.1 Executive Summary –

- Vizag Bay Section Executive Committee Member List

Dr. Lakshminarayana Sadasivuni	Chair
Dr. Abraham Varughese	Vice-Chair
Md. Khwaja Muinuddin Chisti	Secretary
Prof. N. Deepika Rani	Treasurer
Prof. PSR Chowdary	Member
Dr. P. Siva Kumar	Member
Sri K. V. Sriram	Member

- Vizag Bay Section Highlights
 - Actively organized - 122+ Events (Final formation letter received on 27-7-2020)
 - Four active societies, WIE affinity group, SAC, TEMS teams
 - Three conferences approved, INDISCON, ICISSGT, ICICTHMI,
 - Two more conference in pipeline - IC3P(pending approval)
 - Organized POCO, POCCOM
 - IEEE Vizag Bay section -Andhra Pradesh State Skill Development Cooperation- 1week free training
 - Eminent Lecture series, Distinguished lecture series
- Major Events (International, National)
POCO and POCCOM
- Major Chapter Activities
DL Programs, Professional, Training programmes, Skill development programme
Technical talks.
- Major Student and Affinity Group Activities
IEEEExtreme Orientation/programme
Mock IEEEExtreme conducted for the students.
Sub Section student congress-2020
- Awards
Outstanding award volunteers- Dr. Sandeep by INDIA Council

A.2 Financial Report – (Please follow the format given below)

- Summary (as per submitted on NetSuite)
- Any other financial activities
 - COMSOC SPECIAL FUND Rs. 73,480-00
 - SECTION ACTIVITY INCENTATIVE Rs. 1,83,700-00 (\$2,500)
 - MDLT at NITAP Rs. 17,500-00
 - MD plan Rs. 14,696-00

As we have no separate bank account GIEEE is maintaining our accounts. We are in process of opening a separate bank account for the section

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years:
- Summary and **evidence** of work done to improve the value of membership, which leads to retention and growth of members.
Organized Professional Member meets and increased volunteered positions by opting for representatives from colleges and districts. Student meets, SN Members meet, Branch councilors meet, training of branch councilors, membership development events, Subsection congress. These meets at various colleges were a successful event to increase the memberships and encouraged eligible members to elevate the grade.

B.2 Chapter Activities:

- Total number of Chapters in the Vizag Bay Section: 5
- Number of Chapters formed in the current year:5
- Number of active Chapters (Chapters who have reported required number of meetings during the year):4
- Summary of Chapter activities (Chapter wise with attachment table/information): Attached with documents.

S.No	Chapter	No. of Activities	
1	IEEE Vizag Bay Section	39	Attached separate table
2	PELS/PES/IAS	33	Attached separate table
3	CS	11	Attached separate table
4	ComSoc/SPS	7	Attached separate table
5	Education Society	15	Attached separate table
6	WIE	8	Attached separate table
7	SAC	5	Attached separate table
8	YP/LM	1	Attached separate table

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.

Conferences:

1. Gayatri Vidya Parishad College of Engineering (A) Visakhapatnam, India, July 25-26, 2020
INDISCON-2020 is the IEEE INDIA Council Sub-Sections' conference to be held in an IEEE Sub-Section geographical area every year. <http://www.gvpce.ac.in/slideshow/INDISCON2020/slide.html>
2. IEEE International Conference on Intelligent Systems, Smart and Green Technologies (ICISSGT – 2021)[IEEE Conference Record: #52025]Theme “Unknown to Known: Technology as a Tool and Known to unknown: Humanity as Focus”. <https://r10.ieee.org/vizagbay/about-icissgt-2021/>
3. 11-12 December 2021 at Vijayawada: ICICTHMI Technical Sponsorship with PSCMR College of Engineering and Technology <https://sites.google.com/pscmr.ac.in/icictthmi/home>
4. Conference pending approval. <https://www.ic3p.in/pages/important-dates.html>

Industrial training/ skill development/lectures/training programmes:

5. Industrial visit to Dream Chip Electronics Pvt Ltd. Hill 2, Rushikonda Visakhapatnam Topic: The Making of Siddhi Digital School Bag Report [Industrial Tour to Dream Chip Technologies by IEEE Vizag Bay Section - YouTube](#)
6. EMINENT LECTURE SERIES(ELS)- 1, ELS-2, ELS-3, and ELS-4
7. Faraday Memorial Lecture – 2020 and Importance of being an IEEE Member, Shockley Memorial Lecture
8. One week skill development program with Andhra Pradesh state government skill development cooperation
9. Training of IEEE PES Student Members for Professional Development
10. Training of IEEE IAS Student Members for Professional Development
11. One Day Skill Development Workshop - 1) Prototyping Aspects of Power Converters and Control & 2) Modeling and Simulation of Electric Drives

B.4 Students Activities

- Total number of Student Branches in the Vizag Bay Section: 23 (Active)

- The number of Student Branches formed in the current year: Few
- Vizag Bay Section level student activities (student congress, paper, and other contests, awards etc.) :5
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year): 16
- Summary of Student Branch activities: Student Branch wise activity: Table presented at the end.

B.5 Affinity Group Activities

- Young Professional(YP): 1
- Women InEngineering (WIE): 10
- Life Member (LM): 1

B.6 Awards & Recognition Activities

- Award constituted by the Vizag Bay Section
- Please list all Awards and Recognitions received by the Vizag Bay Section, and members in the Vizag Bay Section, from R 10 and IEEE HQ during the year
Dr. V.Sandeep, Best Volunteer award from R10

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

- Newsletter (name and number of issues in the year):0
- Home Page of the Vizag Bay Section(give the URL and how often it is updated): Every Day
<https://r10.ieee.org/vizagbay/>
<https://r10.ieee.org/vizagbay/events-2020/>
<https://r10.ieee.org/vizagbay/event-videos/>
- Other means of contacts with Vizag Bay Section members including social media
Facebook, Instagram, Whatsup -district wise groups, signal group, telegram group, notices

B.8 Industry Relations

- Membership growth and retention
- Activities for/with industrial members

Industrial visit to Dream Chip Electronics Pvt Ltd. Hill 2, Rushikonda Visakhapatnam Topic: The Making of Siddhi Digital School Bag Report.
<https://www.youtube.com/watch?v=W4886P4JqSU&feature=youtu.be>

B.9 Humanitarian Technology Activities

- Humanitarian Technology related activities supported by the Vizag Bay Section including collaboration with other OUs.: Skill development programme with Andhra Pradesh government on Managing Information, Community Connection and Conserve <https://youtu.be/yEEsJDnqobE>
- *SIGHT* Activities: MOSATE - (MOISTURE, SALINITY & TEMPERATURE KIT TO OPTIMIZE USAGE OF WATER IN HILLY AREAS)” (19-SPC3-08)
A device is built and demonstrated in the hilly areas that sends to the farmer about the live moisture, salinity, and temperature data, so that the farmer need not go often hilltops for adding water.
- smart irrigation system for the farmers, Industrial visits. *SIGHT* activities relates to this area only.

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)”: Celebrated IEEE Day with all the member of the section.

PART C- OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved.
Panel Of Chapter Chairs On Membership Development [POCCOM] Theme: How to move forward: it is successful as all the section chair from different parts of the India were gathered on the same platform and healthy discussing on the issues of membership development, member engaging,

member benefits with IEEE. This have given path to the volunteers lean from the past and plan for future activities.

- Funding secured from the IEEE and external sources including sponsorships.

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

- Nature of relationship and details of any formal agreement signed.
- Details of joint activities
- Benefit to IEEE members (for example discounts, access to technical information etc.)
- Benefit to Vizag Bay Section (for example help in membership development, venue facilities, cost saving etc.)

C.3. Collaboration with other Sections: POCCOM

- Support received from many sections
- Joint activities with any other Vizag Bay Section

C.4 Support extended to Sub-Vizag Bay Sections & Society Chapters within the Vizag Bay Section:

- Support extended for organizing technical, educational, and professional activities. Supported all technical activities, webinars, invited talks by section.
- Joint activities for membership development:
Organized POCCOM – Where the all-chapter chair of the all the sections across the India brought into same platform, discussed the challenges faced in membership retention during Covid-19 and solutions/best practices to increase the memberships.
- Support extended for the formation of a Sub-Vizag Bay Section or transition of a Sub-Vizag Bay Section into a full Vizag Bay Section

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

- Monthly/quarterly meeting with other section chairs may help in organizing the event in collaborations.
- Regular technical talks by local resource persons/industrialists

C.6 Problems anticipated and suggestions for solutions if any

- Corona Pandemic situation and maybe we look for hybrid events this year

PART D - GOALS AND PLANS

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

- Organize and plan more conferences.
- Organize IEEE awareness programmes to all the members, so that all members will be benefited.

D.2 Goals and Future Plans

- To have open the section bank account and apply for PAN
- To initiate new office and its activities on rental bases
- To apply and get opportunities to organize IEEE flagship events/summer schools and conference of under IEEE Vizag Bay Section Banner
- To increase YP /SAC/WIE activities
- To excel in social/community/humanitarian activities
- To increase the mentors in membership development activist

- To introduce internship activities for the students and research scholars
- To form special interest groups under the section
- To start new student branches under the section
- To increase the society chapters under the existing student branches.
- To support existing members in grade elevation

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

- To build strong mentoring teams to guide the student in internship/project/feature directions in their field of interests monthly.

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

- To submit various humanitarian projects proposal
- To conduct summer schools and internship programmes to generate monitory funds.
- To add events that are no financial burden to the section.

IEEE Vizag Bay Section

SNO	DATE	SPEAKER NAME, Designation, Address of the Speaker	Whether the event is Professional / Technical / Admin	Event Title / report
1	0-January-00	Dr.Kasturirangan, Former Chairman, ISRO, Bangalore	Professional	EMINENT LECTURE SERIES - 1 SPACE – A Tool for the Creation of A Knowledge Society--- https://events.vtools.ieee.org/m/231946
2	29-May-20	Dr. S. Lakshminarayana, Chair, IEEE Vizag Bay Section, Vizag	Admin	SEC-1 Meeting--- https://events.vtools.ieee.org/m/246287
3	5-June-20	Prof. L.M. Patnaik, INSA Honorary Scientist, Rtd Professor IISc Bangalore Former Vice Chancellor – Defence Institute of Advanced Technology, Ministry of Defence, Govt of India, Adjunct Professor, National Institute of Advanced Studies, Bangalore	Technical	EMINENT LECTURE SERIES - 2 INSA Honorary Scientist Artificial Intelligence : Impact on Society--- https://events.vtools.ieee.org/m/232544
4	11-June-20	Dr. R. R. Sonde, Executive Vice President, THERMAX, Pune	Technical	EMINENT LECTURE SERIES - 3 Technologies for the New Energy Transition Phase Shaping the World Today : From Renewable Electricity to Hydrogen Pathway--- https://events.vtools.ieee.org/m/232995
5	27-June-20	SEC-2 Meeting, ,	Admin	SEC 2 Meeting--- https://events.vtools.ieee.org/m/246285
6	4-July-20	KranthiKranthi, CEO, CIA (Chatur International Academy), Founder & CEO, Chatur International Academy (India - USA), Vizag	Technical	FUTURE OF NETWORKING: 5G--- https://events.vtools.ieee.org/m/241730

7	7-July-20	Dr. Jaume Anguera and Dr. M. Lakshminarayana, Dr. Jaume Anguera, IEEE Fellow member, Associate Professor at Ramon LLull University and a member of the GRITS research group, Dr. M. Lakshmi Narayana, Past chair, IEEE Hyderabad, Scientist 'H' (Outstanding Scientist), Associate Director DLRL(Rtd.), Dr. Jaume Anguera, IEEE Fellow member, Associate Professor at Ramon LLull University and a member of the GRITS research group, Dr. M. Lakshmi Narayana, Past chair, IEEE Hyderabad, Scientist 'H' (Outstanding Scientist), Associate Director DLRL(Rtd.)	Professional	EMINENT LECTURE SERIES - 4 IEEE Fellow "Virtual Antenna™ Technology" and Reconfigurable Antennas--- https://events.vtools.ieee.org/m/235093
8	31-July-20	Prof. A.S.N. Chakravarty, Professor, Professor and Head, JNTU V, Vijayanagaram	Professional	Trends in Cyber Security and Forensics--- https://events.vtools.ieee.org/m/241747
9	1-August-20	Dr. Lakshminarayana Merugu, Past chair, IEEE Hyderabad, Scientist 'H' (Outstanding Scientist), Associate Director DLRL(Rtd.), Member Convener, Future direction committee, IEEE Hyderabad Section	Professional	Recent Trends in Phased Arrays for Radar--- https://events.vtools.ieee.org/m/241749
10	29-August-20	SEC-3 Meeting, ,	Admin	SEC-3 Meeting--- https://events.vtools.ieee.org/m/246274
11	12-Sept-20	Dr. S. Lakshminarayana, ,	Professional	"Meeting with IEEE Members"--- https://events.vtools.ieee.org/m/246280
12	15-September-20	Dr. V. Sandeep, Head, Dept of Electrical Engineering, NIT AP, NIT Andhra Pradesh, Tadepalligudem	Technical	Emerging trends in Electric vehicles and Opportunities--- https://events.vtools.ieee.org/m/245471
13	22-September-20	Prof A.K. Tandon DTU, New Delhi, and Prof N. Deepika Rani Treasurer IEEE Vizag Bay Section, Professor, DTU, New Delhi	Professional	Faraday Memorial Lecture – 2020 and Importance of being an IEEE Member--- https://events.vtools.ieee.org/m/245871
14	28-September-20	Dr SLN, Dr Abraham, Sri Sriram, Sri Chisti, Dr Deepika, A Krishna Nag, Dr Usha Bala., ,		"Student Branch Counselors', SB Chairs, other SB Executive Committee members meeting"--- https://events.vtools.ieee.org/m/245835
15	1-October-20	SEC4 IEEE Vizag Bay Section, ,	Admin	Extended SEC Meeting--- https://events.vtools.ieee.org/m/245820
16	3-Oct-20 & 4-Oct-20	http://www.indicon2020.org/committees.html ,	Professional	2020 IEEE India Council International Sub Sections Conference, India (INDICON) Virtual--- https://events.vtools.ieee.org/m/246156
17	5-October-20	Dr Lakshminarayana Sadasivuni, Chair, IEEE Vizag Bay Section, IEEE Vizag Bay Section, Vizag	Technical	"Students Charter and impact on the society"--- https://events.vtools.ieee.org/m/244443
18	6-October-20	Dr Lakshminarayana Sadasivuni, Chair, IEEE Vizag Bay Section, IEEE Vizag Bay Section, Vizag	Professional	The Success Story of Vizag Bay Section - IEEE Day 2020--- https://events.vtools.ieee.org/m/245816
19	6-October-20	Prof P. Ravikumar NIT Warangal, Physical Director, Physical Director, Department of Physical Education National Institute of Technology, Warangal - 506004, Telangana, INDIA	Technical	"Sports Health and Fitness Excellence"--- https://events.vtools.ieee.org/m/244446

20	7-October-20	Prof T. Sudheer, Professor, Department of Electronics and Communication Engineering Shri Vishnu Engineering College for Women(Autonomous), Visakhapatnam, Andhra Pradesh, India	Technical	“Academic Excellence and Capacity Building”--- https://events.vtools.ieee.org/m/244886
21	8-October-20	Prof N. Deepika Rani GVP COE, Professor, D.No:55-12-8/1,MMTC Colony, Seetammadhara, Visakhapatnam.	Technical	“Personality development for Students”--- https://events.vtools.ieee.org/m/244888
22	9-October-20	Md. Khwaja Muinuddin Chisti GITAM, Assistant Professor, Depat of EECE, GIT, GITAM	Technical	“Managing Information, Community Connection and Conserve”--- https://events.vtools.ieee.org/m/244892
23	10-October-20	Sri Deepak Mathur, Dr. S. Lakshminarayana, Dr Deepika Rani, Prof D.K. Sharma, Dr V. Sandeep, Dr. B. Satyanarayana, Prof G. Sree Lakshmi, Dr SLN, KV Sriram, Prof Deepika & Dr. V. Sandeep, Chair, IEEE Vizag Bay Section, IEEE Vizag Bay Section, Vizag	Professional	POCO--- https://events.vtools.ieee.org/m/245801
24	12-October-20	Commander GurumurthyGangadhran (Retd), Asst Dean Career Services GITAM, Asst Dean Career Services GITAM, Vizag	Technical	Building a better Resume for Job Opportunities--- https://events.vtools.ieee.org/m/244965
25	13-October-20	Prof G. Sree Lakshmi CVR Hyderabad, Professor, Professor, ECE Depatment at CVR College of Engineering, Hyderabad	Technical	“Entrepreneurship and Leadership Development”--- https://events.vtools.ieee.org/m/244955
26	14-October-20	Prof VVSSS Chakravarthy RIT Vizag, Professor, Dept of ECE, RIT, Raghu Institute of Technology, Dakamarri (v), Bheemunipatnam Mandal, Visakhapatnam Dist. Andhra Pradesh, India – 531162	Technical	“Problem Solving with MATLAB”--- https://events.vtools.ieee.org/m/244958
27	14-October-20	Prof. K. Ramesh Kumar Amrita University, Professor,	Professional	Inspired Meta-Hueriatics Algorithms to solve Multi Disciplinary Research problems”--- https://events.vtools.ieee.org/m/246146
28	15-October-20	Dr V. Sandeep NIT AP, Assistant Professor & HOD, Department of Electrical Engineering at National Institute of Technology (NIT), Andhra Pradesh	Technical	“Creativity and Innovation”--- https://events.vtools.ieee.org/m/244962
29	21-Oct-2020	Prof K. Padma Vasavi, Professor, SVECW, Bhimavaram	Professional	On the design of Assistive devices: A project Based Learning approach--- https://events.vtools.ieee.org/m/245754
31	30-10-2020	Dr. SLN, Chair, IEEE Vizag Bay Section	Professional	“Curtain Raiser – ICISST – 2021”---
32	05-11-2020	A. Lakshmana Rao, Assitant Professor, REC, Vizag,	Technical	Topic: Scope of Machine Learning and Deep Learning in Real-World Applications- https://events.vtools.ieee.org/m/261743
33	24-11-2020	Dr. SLN, Chair, IEEE Vizag Bay Section	Meetings	Meeting with Guntur Sub-Section EC Members [on Invitation only]---
34	26-11-2020	Prof S. Lakshminarayana, Chair IEEE Vizag Bay,	Professional	How to submit accepted manuscript to IEEEExplore after the conference – guidelines, support and online help— https://events.vtools.ieee.org/m/261742
35	08-12-2020	Dr. P. Kishore Kumar	Professional	LaTeX – The Technical Writing- https://events.vtools.ieee.org/m/261741
36	28-12-2020	Dr. B. Purnaiah, Ex-Head, ICPD,NCPW, DAE, Mumbai,	Non Technical	Undergrad Student Priorities and Opportunities of Undergraduate Students- https://events.vtools.ieee.org/m/261738
37	03-01-2021	MD K M Chisti, Secretary, IEEE Vizag Bay Section	Professional	Upgrade to IEEE Senior Membership-- -

38	18-Jan-2021	Dr Suresh Nair, Chair IEEE India Council,	Membership Development	Inaugural of Panel Of Chapter Chairs On Membership Development [POCCOM] Theme: How to move forward-
39	23-01-2021	Prof.Debabrata Das(Chair elect 2021 IC)	Membership Development	POCCOM: Valedictory
40	29-12-2020	SEC meeting	Admin	IEEE Vizag Bay Section Admin SEC Meeting https://events.vtools.ieee.org/m/261740

IEEE ComSoc/SPS Jt. Chapter

SNO	DATE	SPEAKER NAME, Designation, Address of the Speaker	Whether the event is Professional / Technical / Admin	Event Title / report
1	07-11-2020	Dr. R. Nakkeeran, Pondicherry Central University,	Technical	Understanding Optical Solutions for 5G and Beyond 5G (6G)---
2	21-11-2020	Dr V Satya Kumar, Samsung,	Technical	Machine Learning Applications for 5G Wireless systems---
3	27-11-2020	M. Kamesh Verizon, USA, ,	Technical	Key Performance Indicators and Optimization of 5G and LTE Wireless Networks---
4	05-12-2020	Ch. V. Satya Srinivas, Scientist-G, NSTL, VISAKHAPATNAM,	Technical	Acoustic Signal Processing for Underwater Weapons---
5	20-01-2021	Dr. B. Satyanarayana Dr Lalitha Vadlamani Dr T.S.N. Murthy, Chair, Mumbai Chair COMSOC/SPS IEEE Hyderabad Section,	Technical	POCCOM---
6	11-09-2020	IEEE ComSoc/SPS jt. Chapter Team	Admin	First Meeting of the Executive Committee of Communication & Signal Processing Societies Joint Chapter, IEEE Vizag Bay Section--- https://events.vtools.ieee.org/m/241955
7	26-09-2020	K V S Hari, Professor, Prof K V S HARI, Deaprtment of ECE, INDIAN INSTITUTE OF SCIENCE, BANGALORE	Technical	Inauguration of Comsoc/SP Societies Joint chapter and followed by Talk--- https://events.vtools.ieee.org/m/241952
8	5-10-2020	IEEE ComSoc/SPS Jt. Chapter	Admin	Second Meeting of the Executive Committee of Communication & Signal Processing Societies Joint Chapter, IEEE Vizag Bay Section--- https://events.vtools.ieee.org/m/245665
9	17-10-2020	Prof K Pushpa, Professor, Shri Vishnu Engineering College for Women, Bhimavaram	Technical	Technical Talk on "Characterization of Underwater Acoustic Channel"--- https://events.vtools.ieee.org/m/245667
10	19-10-2020	Prof. Celia Shahnaz, Professor, BUET, Bangladesh	Technical	Technical Talk on "Signal and Biomedical Appliations based on Deep Learning"--- https://events.vtools.ieee.org/m/245672
11	24-10-2020	Mr. K Sivarama Krishna, Technical Project Manager, OCADO, United Kingdom	Technical	Technical Talk on "Fundamentals of 5G architecture and Use Cases"--- https://events.vtools.ieee.org/m/245674
12	28.10.2020	Sri. L Venkat, ,	Technical	Developing the Vision System & Strategy for ADAS Systems---

WIE

SNO	DATE	SPEAKER NAME, Designation, Address of the Speaker	Whether the event is Professional / Technical / Admin	Event Title / report
1	11-12-2020	Emi YANO, Chair WIE R10,	Professional	IEEE Region 10 WIE – To Be a Change maker!
2	12-12-2020	Dr. Y.V.S. Lakshmi, CDOT Bangalore,	Professional	What can ICT offer for Women Engineers---
3	15-12-2020	Dr. Sarada Jayakrishnan, Chair IEEE Kerala Section,	Professional	Women Engineers & Manufacturing Industry-
4	16-12-2020	Dr. Mini Ulnat, CUST, Ernakumalm,	Professional	Discover Yourself---
5	21-12-2020	Dr. Emanuela, Marasco USA,	Professional	Women vision in security and computer science---
6	22-12-2020	Dr. Aparna Dixit, Kanpur,	Professional	The Power of women yet to be discovered in STEM.---
7	23-12-2020	Dr.Manjira Sinha, IIT Khargapur,	Professional	Developing Inclusive Technologies and the Role of Empathy---
8	17 Jan 2021	Anupma Thakur, DST-INSPIRE Agrionics, CSIR-CSIO, Chandigarh, INDIA,	Professional	Women in STEM: Ignite, Inspire, Empower & Engage---

TEMS

SNO	DATE	SPEAKER NAME, Designation, Address of the Speaker	Whether the event is Professional / Technical / Admin	Event Title / report
1	13-12-2020	krishnanag, chisti,		Industrial visit to Dream Chip Electronics Pvt Ltd.: The Making of Siddhi Digital School Bag Participation by invitation (batch wise due to COVID-19 norms)---

SAC

SNO	DATE	SPEAKER NAME, Designation, Address of the Speaker	Whether the event is Professional / Technical / Admin	Event Title / report
1	5-July-20	Dr. S. Lakshminarayana Mr. MD.K.M Chisti Dr. P.Siva Kumar Mr. A.Krishna Nag, Chair, IEEE Vizag Bay Section, Chair, IEEE Vizag Bay Section	Technical	Mock IEEEExtreme Programming Competition for IEEE Students--- https://events.vtools.ieee.org/m/241731
2	8-Sept-20	Md Khwaja Munuddin Chisti and A. Krishna Nag, Secretary, IEEE Vizag Bay Section, and SAC Coordinator IEEE Vizag Bay Section, Dept ECE, GIT, GITAM, and Dept EEE, DITE, Anakapalle	Admin	Meeting with SN Members: Activities and Future Plans--- https://events.vtools.ieee.org/m/244780
3	16-Sept-20	SEC Team Visakhapatnam	Technical	“Meeting with Students”--- https://events.vtools.ieee.org/m/246258
4	25-October-2020	Sri Md. Khwaja Muinuddin Chisti, Prof N. Deepika Rani, Dr V. Sandeep Sri A. Krishna Nag, SEC-Team, IEEE Vizag Bay Section	Admin- Officer Training	Officer Reporting and L-31 Filing in IEEE Website--- https://events.vtools.ieee.org/m/245750

5	22-01-2021	Prof Shankar Jayaraj Prof Sujatha Prof G. Sree Lakshmi Dr Sarika Chouhan Dr. ChirodeepBakli Sri A. Krishna Nag, SAC Chairs, Kerala Section, Bangalore Section, Hyderabad Section Bombay Section Khargapur Section, Vizag Bay Section,		POCCOM---
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IEEE PELS/ IAS/PES Jt Chapter, Vizag Bay Section

SNO	DATE	SPEAKER NAME, Designation, Address of the Speaker	Whether the event is Professional / Technical / Admin	Event Title / report
1	10-September-20	PES/IAS/PELS chapter meeting	Admin	Administrative meeting with core volunteers of the chapter--- https://events.vtools.ieee.org/m/241045
2	15-September-20	IEEE PES/PELS/IAS chapter	Admin	Inauguration of IEEE PELS / IAS / PES Joint Chapter--- https://events.vtools.ieee.org/m/241047
3	15-September-20	Prof. S. S. Murthy, IIT Delhi, Life Fellow IEEE, Bangalore	Technical	Expert Lecture - Effective Engineering Teaching, Learning, Pedagogy and Research- A Successful Journey--- https://events.vtools.ieee.org/m/241554
4	20-September-20	PES/IAS/PELS chapter team	Social	Launch of the Social media Reach of the chapter (Whatsapp, LinkedIn, Facebook, Instagram & Youtube)--- https://events.vtools.ieee.org/m/241543
5	20-September-20	Dr. V. Sandeep, Chair, IEEE PELS/IAS/PES Jt Chapter, Vizag Bay Section, NIT Andhra Pradesh, Tadepalligudem	Professional	An awareness program on the Technical Society Chapters & benefits to students & faculty through webinar--- https://events.vtools.ieee.org/m/241519
6	22-September-20	PES/IAS/PELS chapter team	Technical	FARADAY Quiz (Online)--- https://events.vtools.ieee.org/m/241544
7	27-September-20	Dr. Tomy Sebastian, Fellow IEEE, Past President, IEEE Industry Applications Society, Director of Motor Drive Systems, Halla Mechatronics, USA	Technical	Developments in Vehicle Electrification--- https://events.vtools.ieee.org/m/241545
8	29-September-20	Dr. V. Sandeep, Chair, IEEE PELS/IAS/PES Jt Chapter, Vizag Bay Section, NIT Andhra Pradesh, Tadepalligudem	Professional	Training of IEEE PES Student Members for Professional Development--- https://events.vtools.ieee.org/m/241633
9	11-October-20	Prof. Ned Mohan, Life Fellow IEEE, Member – National Academy of Engineering, USA, Regents Professor, Oscar A. Schott Professor of Power Electronics and Systems, Department of Electrical and Computer Engineering, University of Minnesota, USA	Technical	Can combating climate change result in renaissance of electrical power engineering--- https://events.vtools.ieee.org/m/245169
10	14-October-20	IEEE PES/PELS/IAS	Technical	Online Quiz (30 min) on IEEE Standards, (on the occasion

		chapter, ,		of World Standards Day)--- https://events.vtools.ieee.org/m/245171
11	18-October-20	Dr. Sankar & Dr. Ramesh, Assistant Professor, Dept of Electrical Engineering, NIT AP, NIT Andhra Pradesh, Tadepalligudem	Technical	One Day Skill Development Workshop - 1) Prototyping Aspects of Power Converters and Control & 2) Modeling and Simulation of Electric Drives--- https://events.vtools.ieee.org/m/245174
12	31-10-2020	Dr Sandeep, IEEE PES/PELS/IAS Chair,	Technical	Training of IEEE IAS Student Members for Professional Development---
13	02-11-2020 to 06-11-2020	Dr Sandeep, IEEE PES/PELS/IAS Chair,	Technical	Online FDP: Emerging Trends in Artificial Intelligence Methods to Power Systems, Signal Processing and Control, NIT Andhra Pradesh- https://events.vtools.ieee.org/m/252958
14	04-11-2020	Dr Vijay Bhavaraju, Principal Engineer Eaton Corporation, USA	Technical	Challenges of moving from AC to DC Distribution- https://events.vtools.ieee.org/m/252960
15	08-11-2020	Dr. Shravana Kumar	Technical	Real time Simulations as a Key Technology Enabler for Robust Design Verification and Validation- https://events.vtools.ieee.org/m/252963
16	09-11-2020	Mr. Narasimha Murthy Mr. Murali Arikara Mr. Sanjeev Koushik, ,	Professional > Industry Relations	The global emerging EV industry and its significance in India. Entrepreneurship and Innovation. Entrepreneurship and Innovation in Electric Vehicle Sector. Finance for Startups.- https://events.vtools.ieee.org/m/253430
17	10-11- 2020 6 pm to 7.30 pm	Mr Murali Arikara, CEO of Xarpie labs, a part of Machani Group	Professional > Industry Relations	Title of the Talk: The global emerging EV industry and its significance in India https://events.vtools.ieee.org/m/253433
18	11 Nov 2020 6 pm to 7.30 pm	Sanjeev Koushik, Advisor to Suryakranti - Solar EV Project	Professional > Industry Relations	Entrepreneurship and Innovation in EV Industry https://events.vtools.ieee.org/m/253435
19	15-11-2020	PraneethVankayalapati,	Technical	Overview on SCADA – ADMS (Advanced Distribution Management System)-
20	18 Nov 2020 03:00pm-04:00pm IST	Dr. Sandeep, NIT AP	Professional > Professional Development	Training of IEEE PELS Student Members for Professional Development https://events.vtools.ieee.org/m/252967
21	21 November 2020 05:30pm-06:30pm IST	Prof. Yongsug Suh , Jeonbuk National University, South Korea	Professional > Continuing Education	Medium-voltage drive topology design and control IAS DISTINGUISHED LECTURE - I Host : IAS CMD Co-host: Region-10 Vizag Bay Section PELS/IAS/PES Joint Chapter, India https://events.vtools.ieee.org/m/253438
22	21 November 2020 06:30pm-07:30pm IST	Prof. Vinod Khadkikar, Jeonbuk National University, South Korea Khalifa University, Abu Dhabi, UAE,	Professional > Continuing Education	IAS DISTINGUISHED LECTURE - II Host : IAS CMD Co-host: Region-10 Vizag Bay Section PELS/IAS/PES Joint Chapter, India Active, reactive and harmonic power sharing in islanded microgrids--- https://events.vtools.ieee.org/m/253440
23	22-11-2020	Dr. Surender Reddy Salkuti, South Korea,	Professional > Continuing Education	Optimal Energy Management of Hybrid Power Systems- https://events.vtools.ieee.org/m/253414
24	28 November 2020 05:30pm-06:30pm IST	Dr. David Torrey, USA	Professional > Continuing Education	IAS DISTINGUISHED LECTURE - III Host : IAS CMD - Region 1 Schenectady Section IAS Chapter, NY USA - Region-10 Vizag Bay Section PELS/IAS/PES Joint Chapter, India Design of Superconducting Synchronous Machines for Low Speed Applications. https://events.vtools.ieee.org/m/253441
25	28 November 2020 06:30pm-07:30pm	Prof. Jian-Xin Shen, China	Professional > Continuing	IAS DISTINGUISHED LECTURE - IV Host : IAS CMD

	IST		Education	- Region 1 Schenectady Section IAS Chapter, NY USA - Region-10 Vizag Bay Section PELS/IAS/PES Joint Chapter, India Applications and Multi-Physics Design of High Speed Permanent Magnet Synchronous Motor--- https://events.vtools.ieee.org/m/253444
26	29-11-2020	M. Sandeep, NTU Singapore,	Technical	Energy Storage Systems: Trends and Applications--- https://events.vtools.ieee.org/m/253426
27	07-12-2020	Ronnie Minhaz, Canada, ,	Technical	Quality Assurance of Transformer- https://events.vtools.ieee.org/m/253448
28	13-12-2020	Dr. Manohar Singh, CPRI Bangalore,	Technical	National Grid Operational Emerging Issues with High Renewable Energy Power- https://events.vtools.ieee.org/m/253453
29	14-12-2020	Dr. Sandeep	Technical	Online Quiz on the occasion of World Energy Conservation Day Theme: Energy Efficiency, Conservation and Standards- https://events.vtools.ieee.org/m/253465
30	17-12-2020	Dr. Chandrasekhar Perumalla, IIT Bhubaneswar,	Technical	Power grid Management during Pandemic-An Indian Scenario- https://events.vtools.ieee.org/m/253456
31	27-12-2020	Dr. Bharat Babu, InstaSine Power Technologies, Mumbai,	Technical	Design and Building of Inverter Stack with suitable Gate Driving Circuits- https://events.vtools.ieee.org/m/253462
32	29 December 2020		Administrative > ExCom	Meeting of Chapter EXECOM a) Activity Report of 2020 b) Future plans in 2021 https://events.vtools.ieee.org/m/253588
33	10-01-2021	,	Technical	Improved Control Algorithm for Power Quality Controlled Converters---
34	18-Jan-2021	Mr. Rajasekhar, Prof. Bijuna Kunju K, Dr. P.V. Rajagopal Dr. Srinivas Bhaskar Karanki, Prof. Sujit K. Biswas, Moderators: Dr Lakshminarayana Chair IEEE Vizag Bay Section and Dr Sandeep Chair PELS/IAS/PES Chapter of Vizag Bay Section, Chair, IEEE PES & IAS Bangalore chapters Chair IEEE IAS/IE/PELS Kerala Chapter Chair PES/IAS/PELS Chapter Hyderabad Section Chair, IEEE PELS Chapter Bhubaneswar, Kolkata Section Chair, IAS Chapter, IEEE Kolkata Section,		[POCCOM] IEEE PES/PELS/IAS---
35	29-01-2021	Dr. Kaushik Rajashekara,, FIEEE Distinguished Professor of Engineering Department of Electrical & Computer Engineering, University of Houston, Houston, Texas,		Fellow Talk: Propulsion Systems and Power Electronics for Electric, Hybrid, and Fuel Cell vehicles.---

36	06-02-2021	Mr. Abhinandan Dixit, Design Engineer at GAN Systems Inc., Ontario, Canada,		Expert Talk: Design of High-Efficiency Grid-to-Vehicle (G2V) Plug-in-Chargers for Local e-Transportation---
37	13-02-2021	Prof. V. Ramgopal Rao, Director, IIT Delhi & Fellow IEEE,		Shockley Memorial Lecture---
38	14-02-2021	Prof. G. Bhuvaneshwari, Department of Electrical Engineering Indian Institute of Technology (IIT) Delhi Fellow IEEE, FNAE, FIET, FIE, FIETE,		Fellow Talk---

[EDU SOCIETY]

SNO	DATE	SPEAKER NAME, Designation, Address of the Speaker	Whether the event is Professional / Technical / Admin	Event Title / report
1	26.08.2020	Prof. Siva Kumar Krishnan, Professor, Director, VEDIC, Hyderabad	Technical	Issues, Challenges and Opportunities in Higher Education Today--- https://events.vtools.ieee.org/tego/event/manage/241933
2	11.09.2020	Dr T Sudheer Kumar, Chair, Education Society	Admin	Administrative Meeting--- https://events.vtools.ieee.org/tego/event/manage/245901
3	23.09.2020	Mr Swapnil Gaul, Director, Numerigion	Technical	Pedagogical Learning in RF and Microwave Engineering using TARANG--- https://events.vtools.ieee.org/tego/event/manage/241937
4	07.10.2020	Mrs A HImaBindhu, Managing Director, Novel Patents	Technical	Intellectual Property Rights and Patents--- https://events.vtools.ieee.org/tego/event/manage/240503
5	28.10.2020	Prof Salman Abdul Moiz, Professor, Univeristy of Hyderbad	Technical	How to Write a Research Paper--- https://events.vtools.ieee.org/tego/event/manage/245897
6	18-11-2020	Prof D.V.S.S. Siva Sarma, NIT Warangal,	Technical	Contemporary Teaching Learning Strategies – Part – 1- https://events.vtools.ieee.org/tego/event/manage/250611
7	25-11-2020	Prof D.V.S.S. Siva Sarma, NIT Warangal,	Technical	Contemporary Teaching Learning Strategies – Part – 2 https://events.vtools.ieee.org/tego/event/manage/250659
8	27-11-2020	Dr. Deepak Waikar Singapore, ,	Technical	Is Education 4.0 a mere reaction to Industry 4.0? Knowledge Versus Skill Dilemma- https://events.vtools.ieee.org/tego/event/manage/250661
9	02-12-2020	Prof S.K. Ramesh, Director and Lead Principal Investigator AIMS2 Program, California State University, CA, USA,	Technical	Accreditation and Quality of Engineering Education: IEEE's Role and Perspectives from ABET- https://events.vtools.ieee.org/tego/event/manage/250662
10	14-12-2020:	Prof G P Sahu, MNIT Allahabad Topic,	Technical	Writing Quality Research papers and Dissemination of the Research Findings- https://events.vtools.ieee.org/tego/event/manage/259897
11	15-12-2020	Dr. Derek Abbott, Editor in Chief, IEEE Access,	Technical	Publishing with IEEE Access- https://events.vtools.ieee.org/tego/event/manage/259902
12	16-12-2020	Dr. V. Sandeep, NIT AP,	Technical	Publication Types , Selection and Ethics.- https://events.vtools.ieee.org/tego/event/manage/259902

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13	17-12-2020	Prof N. Deepika Rani, ,	Technical	IEEE Article Processing and Open Access- https://events.vtools.ieee.org/tego /event/manage/259909
14	18-12-2020	Prof. VVSSS Chakravarthy, Raghu Inst of Tech,	Technical	Indexing and Impact factors, How to reduce Plagiarism in a Research Paper- https://events.vtools.ieee.org/tego /event/manage/259911
15	19-01-2021	Prof. R Venkata Siva Reddy, Prof. Y. Vijayalatha Prof . T. Sudheer Kumar, Chair IEEE Education Society Chapter, Bangalore Section Chair IEEE Education Society Chapter, Hyderabad Section,	Membership Development	POCCOM---

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SNO	DATE	SPEAKER NAME, Designation, Address of the Speaker	Whether the event is Professional / Technical / Admin	Event Title / report
1	19-September-20	Mr P Ramesh,	Professional	“Business Model Innovation using Digital Platforms – The game changer in disrupting business environment”--- https://events.vtools.ieee.org/m/246414
2	16-11-2020	Dr AjayPratap, BHU IIT Varanasi,	Professional	Futuristic IoT Solutions https://events.vtools.ieee.org/tego /event/manage/261269
3	21-11-2020	Dr Sai Satish, Founder & CEO of Indian Servers,	Professional	Web application security- https://events.vtools.ieee.org/tego /event/manage/261268
4	14-12-2020	Prof. B. Ramadoss, NIT Tiruchirapalli,	Professional	Artificial Intelligence: Foundations; Models; Applications https://events.vtools.ieee.org/tego /event/manage/261272
5	24-12-2020	Dr. Kiran kumar, SASI,	Professional	Role of DevOps in Software Development- https://events.vtools.ieee.org/tego /event/manage/261273
6	26-12-2020	Dr. Firoz, Ahmed Bangladesh,	Professional	Data Security Issues in MANETs- https://events.vtools.ieee.org/tego /event/manage/261275
7	27.12.2020	Prof. S. Viswanadha Raju, Prof., College of Engg.jagtal,	Professional	Adopting Supervised Learning Techniques for Problem Solving https://events.vtools.ieee.org/tego /event/manage/261277
8	17.10.2020	Dr K V Kadambari, CSE Department, NIT Warangal	Professional	Artificial Intelligence and Applications https://events.vtools.ieee.org/m/246416
9	27-12-2020	Prof. Nagaraju Devarakonda, VIT-AP University,	Professional	Nature Inspired Algorithms- https://events.vtools.ieee.org/tego /event/manage/261270

10	10.09.2020	Dr P Satheesh	Meeting	Event Plan- https://events.vtools.ieee.org/m/246400
11	21-01-2021	Dr A. Murali M Rao Sri T. Vidyasagar Dr A K Deb, Dr Rajesh Ingle Dr. P. Satheesh, Chair, Delhi Section Chair, Hyderabad Section Chair, IEEE CSS, IEEE Kharagpur section Chair, IEEE Computer Society Chapter, Pune Section.,	Membership Development	POCCOM---

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SNO	DATE	SPEAKER NAME, Designation, Address of the Speaker	Whether the event is Professional / Technical / Admin	Event Title / report
1	23-01-2021	Dr Rajashee Jain , Symbiosis Institute of Computer Studies and Research, Pune, India. Prof G. Sree Lakshmi ,CVR College of EngHyd Prof Y. Padma Sai,VNRVJ Inst of Eng& Tech Hyd Prof Vasavi , VRS Eng College Vijayawada Dr. Anupama Thakur, CSIR-CSIO, Chandigarh, Dr V. Usha Bala, Secretary IEEE India Council		POCCOM---

Summary of Events held in 2020 by Student Branches of IEEE Vizag Bay Section

S No	Student Branch	No of Events Conducted in 2020
1	SITE - Sasi Institute of Technology & Engineering	7
2	DIET - Dadi Institute of Engineering and Technology	17
3	GVPCE - Gayatri Vidya Parishad College of Engineering	37
4	GITAM - Gandhi Institute of Technology & Management	20
5	AITAM - Aditya Institute of Technology & Management	7
6	JNTUK - University College of Engineering Vizianagaram	3
7	GVP W - GVP College of Engineering for Women	6
8	PEC - Pragathi Engineering College	8
9	CRRCE - Sir CR Reddy College of Engineering	5
10	ACOE - Aditya College of Engineering	6
11	SVECW - Shri vishnu Engineering College for women Bhimavaram	6
12	NITAP - National Institute of Technology	33

13	RIT - Raghu Institute of Technology	22
Total No of Events		177

Few more events organized under the IEEE Vizag Bay Sub Section category