

IEEE Kharagpur Section

AGM Report for 2018

Feb 26, 2019

NKN (GSSST) Seminar room

Kharagpur Section Report

PART A - SECTION SUMMARY

A.1 Executive Summary

Section Executive Committee Member List

Chair: Prof Chittaranjan Mandal
 Vice Chair: Prof Shailendra K. Varshney
 Secretary: Prof Debarati Sen
 Treasurer: Prof Sudip Misra
 Assistant Secretary: Prof Anirban Mukherjee

CH10742: Signal Processing Chapter Chair: Prof Pranab K. Dutta
 CH10723: Engineering in Medicine and Biology Chapter Chair: Prof M. Manjunatha
 CH10150: Control Chapter Chair: Prof Alok Kanti Deb

Publicity Chair: Prof S K Chaturvedi
 Young Professional Chair: Prof Alok Kanti Deb
 Student Activities Chair: Prof Debdoot Sheet
 Advisor to Executive Committee: Prof A K Deb
 Advisor to Executive Committee: Prof N K Kishore
 Immediate Past Chair: Prof Amitabha Bhattacharya

IEEE Student Branch of IIT Kharagpur Chair: Sudipta Ghosh
 IEEE Signal Processing Society Student Branch Chapter Chair: Anik K. Samanta
 IEEE Antennas and Propagation & IEEE Microwave Theory and Techniques Societies Student Branch Joint Chapter Chair: Arup Ray
 IEEE Engineering in Medicine and Biology Society Student Branch Chapter Chair: Biswajoy Ghosh
 IEEE Women in Engineering Affinity Group of the Chapter Chair: Sireesha Tamada

Haldia Sub-section Student Branch Counsellor: Prof Goutam Das
 Haldia Sub-section Student Branch Chapter Chair: Bishal Tewari
 Haldia Sub-section Student Branch Chapter Secretary: Prince Gautam

Section Highlights

Organised **10** technical talks from section and **49** technical talks for the various chapters
 Technically co-sponsored ICIIS2018
 Kharagpur section got PAN card
 Got in touch with advocate Mr S K Maity for renewing the Society Registration
 Office setup at Nalanda Complex
 Haldia subsection reported significant activities (11 events)
 Revived the two under-performing societies

Major Events (International, National)

Technically co-sponsored ICIIS2018 (International event)

Major Chapter Activities

CH10742 (Signal Processing SP01): 6 technical talks
 SBC20461A (IIT Kgp SPS, SB): 7 technical talks
 SBC20461B (AP-MTTS, SB) : 7 technical talks + 1 workshop
 CH10150 (Control CS23): 7 technical talks
 CH10723 (Engineering in Medicine and Biology EMB18): 6 technical talks
 SBC20461C (IIT Kgp EMBS, SB): 9 technical talks + 1 workshop
 STB20461 (IEEE, SB): 7 technical talks

Major Student and Affinity Group Activities

IIT Kharagpur student branch organised 1 boot camp, 3 technical talks and 6 Workshops

Awards

Nothing to report

A.2 Financial Report

Statement of Section Accounts for January 2018 – December 2018

Fixed Deposit Value as on 01/01/2018: INR 2,02,602.00
 FD1 = INR 68,402.00
 FD2 = INR 34,200.00
 FD3 = INR 1,00,000.00

Fixed Deposit Value as on 31/12/2018: INR 2,15,538.00
 FD1 = INR 72,778.00
 FD2 = INR 36,388.00
 FD3 = INR 1,06,372.00

Fixed Deposit Interest Income during 2018: INR 12,936.00 (maturity in 2019)

Cash in hand on 01/01/2018: INR 103.00
 Cash in hand on 31/12/2018: INR 1,525.00
 Effective cash in hand during 2018: INR 1,422.00

Statement of Section Savings Account in SBI, Kharagpur

Date	Purpose	Debit (INR)	Credit (INR)	Balance (INR)
01/01/2018	Opening Balance			6,68,825.00
12/06/2018	Section support received		2,86,970.00	9,55,795.00
10/08/2018	AP-MTTS fund received		44,538.00	10,00,333.00
08/02/2018	WiE fund received		19,192.00	10,19,525.00
23/07/2018	WiE Startup for entrepreneurship fund		5,130.00	10,24,655.00
08/02/2018	UPP Student branch fund received		1,27,948.00	11,52,603.00
10/12/2018	Student branch operating fund		32,697.00	11,85,300.00
10/12/2018	Reimbursement for SYWL Congress		36,330.00	12,21,630.00
	Total bank Interest received during 2018		14,848.00	12,36,478.00
	Expenditure on meeting and Social events	1,37,186.00		10,99,292.00
06/03/2018	Transfer to HIT Student Branch	10,000.00		10,89,292.00
17/01/2018	Special grant to a non-member for RAS-SIGHT 2017	2,32,960.00		8,56,332.00

17/01/2018	Transfer of UPP Student Branch fund	1,60,275.00		6,96,057.00
	Total Section expenditure during 2018	1,28,230.00		5,67,827.00
	Total Bank Charge during 2018	502.00		5,67,325.00
	Cash in hand during 2018	1,422.00		5,65,903.00
31/12/2018	Closing balance			5,65,903.00

PART B - ORGANISATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
2015: 392
2016: 384
2017: 378
2018: 386
Current: 396 (See below)

Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members

One industrial visit (field trip) and Social gathering was organised for membership retention

IEEE OU Analytics

Members and Affiliates - Dashboard

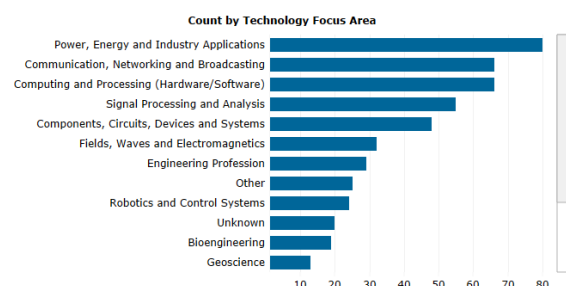
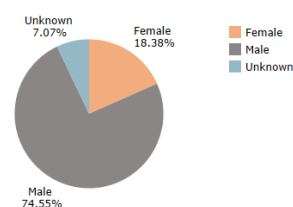
This dashboard provides interactive views for members, society affiliates, and participants by region, geographic council, section and subsection.

- Refine data through filters or click within a visualization to view results and details.
- Hover over a visualization to display a tooltip with statistical facts.

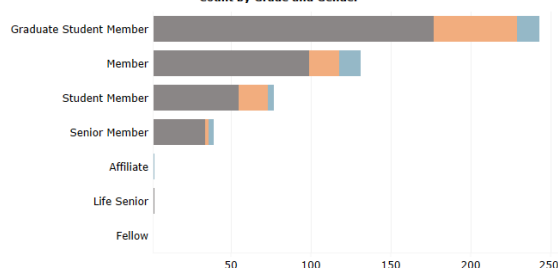
Region: R10 Grade: All IEEE Status: Active

Count by Region and Grade						
Region	Council	Section	Grade Category	Grade	Total	
R10	India Council	Section	Total		5	
			IEEE Grades	Graduate Student Member	2	
				Student Member	1	
			Total			3
	Kerala Section	IEEE Grades	Student Member		1	
			Total		1	
	Kharagpur Section	IEEE Grades	Fellow		1	
			Graduate Student Member		177	
			Life Senior		2	
			Member		126	
			Senior Member		38	
			Student Member		50	
			Other Grades		Affiliate	2
	Total				396	

Count by Gender



Count by Grade and Gender



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Field trip was conducted on Feb 16, 2019 to Rashmi Metaliks, Kharagpur. Safety measures to be followed during the visit were explained. Working of their production line for direct pipe casting was elaborated to the visiting time. Various steps, such as smelting of billets, spectroscopic chemical composition monitoring and correction, introduction of magnesium ingots to smelt to improve crystal structure, centrifugal casting, annealing, pressure testing, internal cement cladding, steam treatment of cement cladding, external epoxy painting and finally loading to vehicles for transporting the product. Entire production line is governed by several industrial grade programmable controllers. Testing facility for quality control was also shown. Sample preparation from pipe section was explained. Destructive testing of sample was demonstrated.



B.2 Chapter Activities

- Total number of Chapters in the Section: 6 (3 section + 3 SB)
- Number of Chapters formed in the current year: 0
- Number of active Chapters (Chapters who have reported required number of meetings during the year) 6
- Summary of Chapter activities (Chapter wise with attachment table/information)
- CH10742 (Signal Processing SP01): 6 technical talks
- SBC20461A (IIT Kgp SPS, SB): 7 technical talks
- SBC20461B (AP-MTTS, SB) : 7 technical talks + 1 workshop
- CH10150 (Control CS23): 7 technical talks
- CH10723 (Engineering in Medicine and Biology EMB18): 6 technical talks
- SBC20461C (IIT Kgp EMBS, SB): 9 technical talks + 1 workshop

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

Organised **10** technical talks from section and
49 technical talks for the various chapters

Co-sponsored one international technical conference (ICIIS 2018)

B.4 Students Activities

Total number of Student Branches in the Section: 2

Number of Student Branches formed in the current year: 0

Section level student activities (student congress, paper and other contests, awards etc.):

- 1 boot camp
- 3 technical talks
- 6 Workshops

Number of active Student Branches (Student Branches who have reported required number of meetings during the year) 1

Summary of Student Branch activities (Student Branch wise with attachment table/information)

- (IIT) Kharagpur SB
 - 1 boot camp
 - 3 technical talks
 - 6 Workshops

B.5 Affinity Group Activities

Young Professional (YP): Nil

Women In Engineering (WiE):

Organised one Adventure Film Festival event called 'Adventure ka Tadka'

Celebrated IEEE day

Life Member: No activity

B.6 Awards & Recognition Activities

Award constituted by the Section:

Special mention is made for Prof Amit Patra, Prof Sudip Nag, Prof N K Kishore, Prof Bibhu Datta Sahoo and Prof Prabodh Bajpai for organising multiple technical talks. Special mention is made for Prof Alok Kanti Deb for organising the field trip.

Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year 2018: Nil

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

Newsletter (name and number of issues in the year): Nil

Home Page of the Section (give the URL and how often it is updated):

Maintained in IIT Kharagpur LAN, planned to be made visible in 2019

Other means of contacts with Section members including social media:

Regular e-mails were sent to all the section members informing them about seminar notices, conference announcements, India Council and R10 events and membership renewal dates.

B.8 Industry Relations

Membership growth and retention : NIL

Activities for/with industrial members: NIL

B.9 Humanitarian Technology Activities

Humanitarian Technology related activities supported by the Section including collaboration with other OUs.: NIL

SIGHT Activities: NIL

B.10 Community Activities:

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

PART C - OTHERS

C.1 Special Events

NIL

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

NIL

C.3. Collaboration with other IEEE Sections

NIL

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

Support extended for organising technical, educational and professional activities

A token financial support was given to Haldia subsection

For all technical talks organised by chapters, section presented mementoes to speakers, publicized the activity and provided refreshments

Joint activities for membership development: Nil

Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section: NIL

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

Regularly high level technical talks are organised whenever some domain expert visits IIT Kharagpur

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

Spare time with officers for section and chapter activities is decreasing fast. Need to motivate young volunteers capable of dedicated enough time for section level activities.

PART D - GOALS AND PLANS

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

To organise regular technical talks on emerging technologies

To organise TechSym in the future with the help of IIT Kharagpur student branch

D.2 Goals and Future Plans

To increase membership by reaching to new faculty members of IIT Kharagpur.

To further support Haldia subsection activity.

To revive YP affinity group activity.

To start Community activity of the section by initiating a TISS (Teacher in Service Scheme) with IIT Kharagpur campus schools.

Section web page maintained internally to be made publicly visible

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

Nil

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

- To earn support from R10 by starting humanitarian activity projects
- To make use of continuing education programme of the section to generate funds

IEEE Kharagpur Section Chapter (R00155)

Chair: Prof C Mandal

	Talk title	Speaker	Date	Members	Non Members	Venue
1.	Self-aware real-time systems: static and dynamic adaptation to parametric variability and operating conditions	Abhijit Chatterjee, Professor, School of ECE, Georgia Tech, Atlanta, GA, USA	Jan 09, 2018	27	13	KVR Seminar, N221
2.	NXPs leadership in class D amplifier for the automotive market	Wilco de Boer, c/o Santanu Kapat	Mar 07, 2018	7	16	KVR seminar
3.	Reliability of Electronic Packages - Science or Art?	Dr Christopher Bailey, c/o Anandaroop Bhattacharya	Mar 12, 2018	7	30	NKN (ECE) Seminar
4.	Physical Attacks: Towards combined threat, protection and beyond	Dr Shivam Bhasin c/o Debdeep Mukhopadhyay	March 14, 2018	11	11	CSE Seminar
5.	Developing products using GaN on Si Technology – Challenges and Opportunities	Dr Amitava Das, PhD, CEO Tagore Technology, Chicago, IL, USA & Kolkata, WB, India c/o Amit Patra	March 20, 2018	13	13	KVR Seminar
6.	Challenges and Opportunities in Transportation Electrification	Dr Regan Zane, Prof Electrical and Computer Engg, Utah State University c/o Amit Patra	Mar 27, 2018	19	27	KVR Seminar
7.	New Frontiers in Hardware Security in the IoT Regime	Dr Swarup Bhunia, Prof and Steven Yataurom Faculty Fellow, Electrical and Computer Engg, University of Florida	Jul 10, 2018	11	20	CSE-107
8.	Machine Learning: Low-Energy Architectures and Applications	Dr Keshab K. Parhi, FIEEE, Dept. of Elec & Comp Engg, U Minnesota c/o R S Chakraborty	Sept 05, 2018	11	21	CSE-107
9.	Probably Approximately Correct Learning	Dr Pabitra Mitra	Oct 9, 2018	17	36	CSE-120
10.	A Survey on Recent Developments in Human-Robot Interaction	Dr Gerhard Rigoll, Institute for Human-Machine Communication, TU Munich, Germany c/o A K Dey	Oct 31, 2018	4	10	CSE-107
11.	Template Based Synthesis of Secured Neural Network with Memory-based Computation	Dr Masahiro Fujita from The U Tokyo c/o Bibhu Datta Sahoo	Jan 11, 2019	14	18	NKN (ECE) Seminar

IEEE Field Trip to Railway Training Centre was undertaken on Jan 27, 2018 with participation of 25 IEEE members and 13 guests (details in 2017 AGM report).

IEEE Signal Processing Society Kharagpur Section Chapter (CH10742 / SP01)

Chair: Prof. Pranab K. Dutta

	Talk title	Speaker	Date	Members	Non Members	Venue
1.	Image Processing in the block DCT domain	Dr. Jayanta Mukhopadhyay, IIT Kharagpur	Feb 13, 2018	10	15	RCC seminar
2.	Visual Attention and Eye Tracking	Dr. Debashis Sen, IIT Kharagpur	Feb 15, 2018	8	12	RCC seminar
3.	Multi-Criterion Optimization and Decision Making	Dr. Kalyanmoy Deb, Michigan State University	July 30, 2018	8	48	Maitreyi Seminar
4.	Software Reliability Engineering: Algorithms and Tools	Dr Lance Fiondella, Electrical and Computer Engineering University of Massachusetts Dartmouth c/o S K Chaturvedi	May 31, 2018	7	19	REC Seminar
5.	Understanding Indian Climate through a spatio-temporally coherent Random Field	Dr Adway Mitra, IIT Bhubaneswar	July 16, 2018	8	19	CSE-107
6.	Status of Silicon Carbide Research for Reliable High Power Electronics	Dr T S Sudarshan, FIEEE, Professor, University of South Carolina (USC), Columbia c/o N K Kishore	July 17, 2018	10	10	KVR Seminar

Membership Scenario

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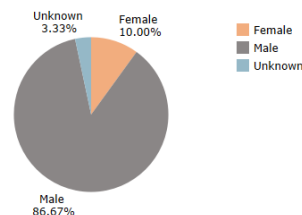
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Region: All Grade: All IEEE Status: Active

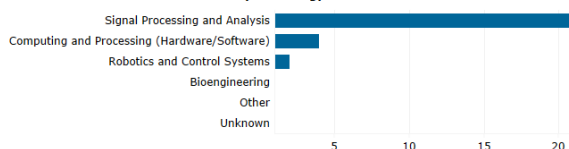
Count by Region and Grade

Region	Council	Section	Grade Category	Grade	Total
R10	India Council	Kharagpur Section	IEEE Grades	Graduate Student Member	12
				Member	8
				Senior Member	6
				Student Member	3
				Total	29
	Kolkata Section	IEEE Grades	Graduate Student Member	1	
			Total	1	
Total					30
Total					30
Grand Total					30

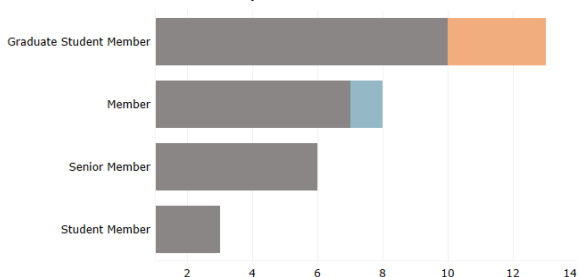
Count by Gender



Count by Technology Focus Area



Count by Grade and Gender



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IEEE Control Society Kharagpur Section Chapter (CS23)

Chair: Prof. Alok Kanti Deb

	Talk title	Speaker	Date	Members	Non Members	Venue
1.	Active Battery Pack Management Systems	Dr Regan Zane, Prof Electrical and Computer Engg, Utah State University c/o Amit Patra	March 30, 2018	10	16	KVR seminar
2.	High Voltage Capacitive Isolation and its Application	Shailendra Baranwal c/o Amit Patra	March 5, 2018	5	7	KVR seminar
3.	Three level buck converter	Shailendra Baranwal c/o Amit Patra	March 5, 2018	5	7	KVR seminar
4.	Towards an Integrated-Power-Electronic-Electric-Machine Architecture for Electromechanical Energy Conversion	Dr Arijit Banerjee, Asst Prof Dept of Elec and Comp Engg, U Illinois at UC c/o Goutam Poddar, A K Deb	Aug 14, 2018	19	20	KVR seminar
5.	From oil recovery to chromatography separation: Fingering instabilities in porous media	Dr Satyajit Pramanik, Nordic Institute for Theoretical Physics, Sweden, c/o N K Kishore	Aug 31, 2018	1	10	Meeting Room, School of Energy Science
6.	Utility scale PV system projects and engineering	Dr Jyotirmoy Roy c/o Prabodh Bajpai	Oct 11, 2018	9	14	KVR seminar
7.	Power Trading in India and it's Impact on Contemporary Power Market	PK Jena, AGM, Business Development, NTPC Vidyut Vyapar Nigam Limited c/o Prabodh Bajpai	Nov 12, 2018	16	8	KVR seminar

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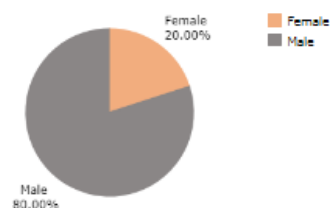
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- Hover over a visualization to display a tooltip with statistical facts.

Region:
 Grade:
 IEEE Status:

Count by Region and Grade

Region	Council	Section	Grade Category	Grade	Total
R10	India Council	Kharagpur Section	IEEE Grades	Graduate Student Member	4
				Member	5
				Senior Member	1
				Total	10
				Total	10
				Total	10
				Grand Total	10

Count by Gender



Count by Technology Focus Area



Count by Grade and Gender



IEEE Engineering in Medicine and Biology Society Kharagpur Section Chapter (EMB18)

Chair: Dr M Manjunatha

	Talk title	Speaker	Date	Members	Non Members	Venue
1.	Interfacing Electronics and Neural Systems: Theory and Practice	Dr Sudip Nag	March 14, 2018	6	14	NKN seminar
2.	Understanding Heterogeneity in Solid Tumour Growth	Dr Helen Byrne, Mathematical Institute, University of Oxford, UK c/o G P Raja Sekhar	March 16, 2018	5	10	B R Seth Seminar
3.	Transforming Healthcare with IoT, 5G and Distributed Cloud	Mr Indrajit Sanyal, Senior Director, Ericsson India Global Services c/o Sudip Nag	April 09, 2018	13	13	NKN seminar
4.	Conformal Ultrasound Transducer Arrays for Image-Guided Neural Therapy	Dr Soumyajit Mandal, Asst Prof, Case Western Reserve U, c/o Sudip Nag	Aug 17, 2018	2	13	NKN seminar
5.	Medical Devices An Exciting Field for Engineers	Dr L Ramanan, CTO, Sahajanand Medical Technologies (SMT) India c/o Sudip Nag	Aug 28, 2018	6	9	NKN seminar
6.	Peripheral Nerve Neuroprostheses	Dr YEN Shih-Cheng, Prof, NUS, Singapore c/o Sudip Nag	Oct 03, 2018	5	10	NKN seminar

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Memberships, Subscriptions, and More - Product Dashboard

This dashboard provides interactive views for memberships, communities, councils, online libraries, and periodicals. Product Type of "Memberships" is preselected.

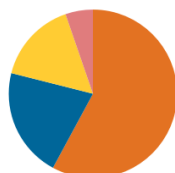
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- Hover over a visualization to display a tooltip with statistical facts.

Product Type: Memberships | Product Name: All | Region: R10 | Grade: All | Status: Active

Summary by Product by Region

Product Name	Region	Total
IEEE Engineering in Medicine and Biolog..	R10	19
	Total	19
Grand Total		19

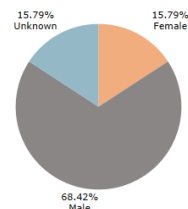
Count by Grade



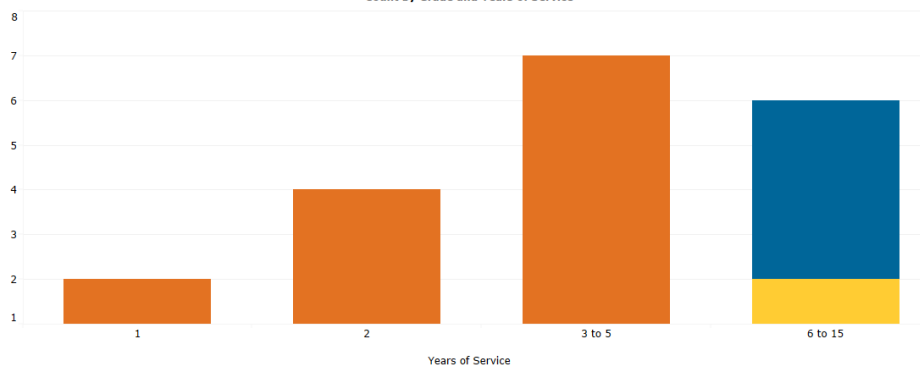
Grade

■ Graduate Student Member
■ Member
■ Senior Member
■ Student Member

Count by Gender



Count by Grade and Years of Service



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IEEE HIT STUDENT BRANCH

ANNUAL REPORT 2018

Sl. No.	Name of the Events	Date	Expenditure (Rs)	Collection /Income (Rs)	Participants	Resource Persons
1	Workshop on Autonomous Robotics	6 th to 11 th February 2018	47,750/-	42,600/-	71	Final year and pre-final year student IEEE HIT SB
2	IEEE-Conclave 2018	16 th to 18 th March 2018				IEEE HIT SB
2(a)	Guest lectures	16 th - 18 th March 2018	62,480/-	42,000/-	70	Arijit Bhattacharya Parveen Singhal, Prasenjit Nayek
2(b)	Armageddon V4.0	18 th March 2018	42,350/-	36,000/-	120	IEEE HIT SB
2(c)	Introductory workshop on Drone Making	16 th March 2018	18,440/-	15,000/-	50	KASPEROB
2(d)	Introductory workshop on Virtual Reality	17 th March 2018	21,630/-	15,000/-	50	KASPEROB
2(e)	Exhibition	16 th and 18 th March 2018	32,400/-	0/-	For all students	KASPEROB
3	Interagado 2018	1 st and 2 nd August 2015	3,250/-	0/-	-	IEEE HIT SB
4	Workshop on Pspice	28 th and 29 th July 2018	12,760/-	17,250/-	85	Faculties of EE Dept. HIT
5	Workshop on Matlab	4 th to 5 th August 2018	10,320/-	15,500/-	62	Faculties of EE Dept. HIT
6	Workshop on Circuitrix	1 st - 4 th September 2018	65,480/-	69,500/-	210	Final year and pre-final year student IEEE HIT SB
7	Workshop on Digital Marketing	1 st -2 nd November 2018	2,330/-	3,000/-	20	ADMISURE
TOTAL (Rs)			3,19,190/-	2,55,850/-		

Grants/sponsorships received

Details	Amount Received (Rs)
Grant from IEEE Kharagpur Section (By CC 23/3/2018)	10000/-
Total Grant/sponsorship (Rs):	10000/-

- **Overall deficit to conduct events in IEEE HIT Student Branch during 2018: = (3,19,190/- 2,65,850/-) = Rs. 53,340/-**
- **Number of IEEE student Members under IEEE HIT Student Branch:**
 - No. of **new student** member in 2018 : 30
 - No. of **renewed Student** member in 2018 : 04
 - **Overall IEEE Student members in 2018** : **34**

IEEE WOMEN IN ENGINEERING AFFINITY GROUP KHARAGPUR SECTION (WE00155)

Annual Report for the Year 2018

SL. NO.	EVENT NAME	EVENT DATE	ATTENDEES NO.	VENUE
1	PRABHA - an outreach program	28 July 2018	50	Disha Seema Center, IIT Kharagpur
2	WiEAffinity Group Training-webinar	11 October 2018	NA (Online)	New York, USA (Online stream)
3	IEEE WiE Officers' Training & Induction Program	10 November 2018	6	Innovation Lab, IIT Kharagpur
4	IEEE Region 10 SYWL Congress 2018	30 Aug 2018 - 2 Sep 2018	Chair, IEEE WiE KGP AG (Represented)	Bali, Indonesia

- **Prabha - an outreach program**

The IEEE Women in Engineering Affinity Group, Kharagpur Section successfully organised an outreach program 'Prabha' for the children who are not privileged to avail education in the field of Science and Engineering. This initiative has been organised with the motive such that they understand apart from Arts; Commerce the not-so preferred Science option is not that difficult or expensive as imposed in their minds. Motivational videos of famous personalities such as Dr. A.P.J. Abdul Kalam, Dhirubhai Ambani had been shown to the children such that it inspires that one has to have the will-power and from such personalities how to motivate to achieve much more than what one cannot even dream of and thus make the best of the education and resources available. There were videos our inspirational ladies, Sudha Murty and Kalpana Chawla which uplifted the spirits of the school-going children. The event was a grand success concluded by goodies for all students and a few quizzes and puzzles to warm up their brains and make the session interactive. Students did participate actively in the quiz and puzzle sessions. The Women in Engineering Affinity Group, Kharagpur Section is happy to have successfully conducted the event at Deesha Seema Center on 28th July, 2018 with [Anusha Vupputuri](#), [Moupali Chakraborty](#) and [Jay Kishan](#), our volunteers for the event and [Somreeta Pramanik](#), [Pallavi Mishra](#), [Srijoni Majumdar Bhadra](#), [Asmita Bose](#) and [Sireesha Tamada](#), our WiE Ex. Com. members.

- **WiE Affinity Group Training Webinar**

Paola Bringas, WiE Program Coordinator was the speaker for the webinar event which covered various topics

- ✓ Different ways to request funding for events
- ✓ Types of activities that can be organised by the WiE Affinity Group
- ✓ WiE Awards,
- ✓ Scholarships for various educational programmes.

- **IEEE WiE Officers' Training & Induction Programme**

Event for welcoming the new officers to be inducted into the present WiE team and also the new volunteers into this organisation. The induction program will give them an insight into the type of activities that have been conducted till now and the events going to take place further. It will also provide them

further details into the working of the IEEE WiE team and understanding duties to be performed during one's tenure.

- **IEEE Region 10 SYWL Congress 2018**

The event Region10 Congress had Student, Young Professional, Women in Engineering and Life members. The objective of this Congress was to provide a platform for IEEE volunteers from different Sections for networking and sharing experiences as well as to train the volunteers about IEEE activities, best practices and methodologies. The participants had gained a lot information and knowledge from this Congress for implementing future strategy in their respective Sections. The theme of the Congress was ‘Collaborative Innovation for Society Development’. The Congress aimed at volunteer training and provided a platform to IEEE volunteers from different sections to network, interact, brainstorm and learn from fellow volunteers. The Committee had organised inspiring keynotes, technical talks, training sessions and sessions on some soft skills required for the growth and development of volunteers.

Future Agenda for 2019

- 1) International Leadership Conference (ILS2019) during 30th and 31st August 2019

IEEE Bangalore Section has approached seeking participation of Ex. Com. members from all WiE sections in India. The Section is mainly looking forward towards networking and exploring collaboration possibilities from WiE Kharagpur Section towards ILS2019.

- 2) STAR Program Pre-University Outreach

The IEEE Student-Teacher and Research Engineer/Scientist (STAR) Program was developed to address the growing concern that, at a young age, girls are discouraged from careers in mathematics, science, and engineering. This educational outreach program promotes involvement of IEEE members with local junior high and high schools in order to create a positive image of engineering careers. We look forward to organising the STAR program at schools near Kharagpur area.

Membership Scenario

IEEE OU Analytics

Members and Affiliates - Dashboard

This dashboard provides interactive views for members, society affiliates, and participants by region, geographic council, section and subsection.

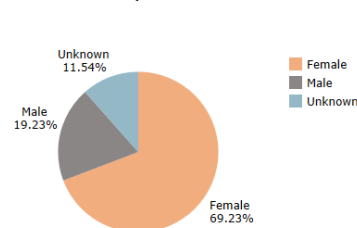
- Refine data through filters or click within a visualization to view results and details.
- Hover over a visualization to display a tooltip with statistical facts.

Region: All | Grade: All | IEEE Status: Active

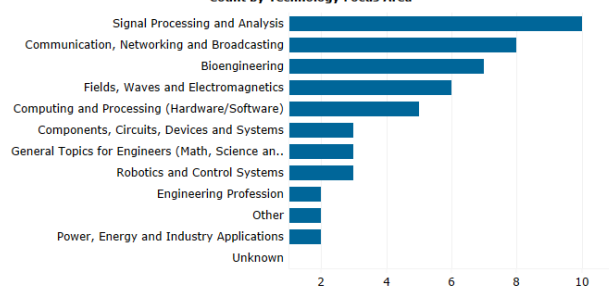
Count by Region and Grade

Region	Council	Section	Grade Category	Grade	Total
R10	India Council	Kharagpur Section	IEEE Grades	Graduate Student Member	31
				Member	17
				Senior Member	1
				Student Member	1
				Total	50
		Kolkata Section	IEEE Grades	Graduate Student Member	2
		Total	Total	Total	2
		Total	Total	Total	52
		Total	Total	Total	52
		Grand Total	Total	Total	52

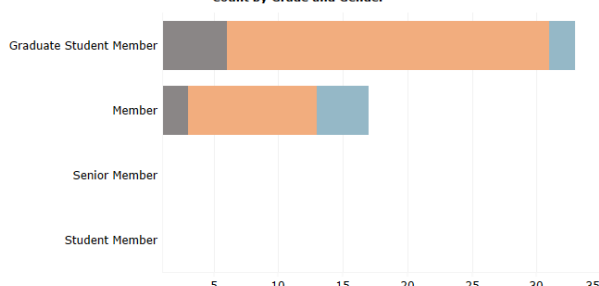
Count by Gender



Count by Technology Focus Area



Count by Grade and Gender



Note: Data displayed is based upon volunteer access privileges. Data made available through this platform is IEEE Confidential Information. Please review the IEEE Guide to Classification of Documents policy for more information.

Names of outgoing committee members of 2018

Sireesha Tamada: Chair

Srijoni Majumdar Bhadra: Vice-Chair,

Pallavi Mishra: Secretary

Somreeta Pramanik: Treasurer

Names of incoming committee members of 2019

Asmita Bose: Chair

Anusha Vupputuri: Vice-Chair

Moupali Chakraborty: Treasurer

Rachna Sathish: Secretary

**IEEE WiE Affinity Group Kharagpur Section
Financial Statement
Fiscal year 1 Jan 2018 to 31 Dec 2018**

Particulars	Credit	Debit	
Opening Balance			49,352
	426		
	439		
Interest	443		
	442		
Total	1,750		51,102
IEEE Student Magazine (Pending Dues)		875	
Event Prabha		900	
Miscellaneous		500	
Total		2,275	
Closing Balance			48,827

IEEE Student Branch (STB20461)
IIT Kharagpur
An IEEE UPP Institute

Activity Report for the Year 2018

IEEE Student Branch of IIT Kharagpur seeks to enhance the learning experience of the student community on the IIT Kharagpur campus. The Student Branch focuses on conducting social and technical activities for students, and also encourages the students to take full advantage of the benefits of IEEE membership, including scholarships, competitions, and conference grants. The Student Branch also intends to provide opportunities for students to network with peers in other institutes, academicians, professionals, engineers, and scientists through the on campus IEEE Student Branch and the Local IEEE Section, thereby encouraging students to be a part of the global IEEE community.

In the year 2010, the IEEE Student Branch of IIT Kharagpur joined IEEE University Partnership Program (UPP), an elite group of 17 top engineering schools/universities worldwide. The partnership allows the Student Branch to avail additional resources and support, including help in networking with local, regional, and international IEEE groups.

IEEE Engineering in Medicine and Biology Society (EMBS) is the world's largest society of Biomedical Engineers. The EMB Student Chapter was initiated to bring together students working in domain areas relevant to Medical Sciences and Technology at IIT Kharagpur.

The students working in the domain of Signal and Image Processing also came together to form a Student Branch Chapter of the IEEE Signal Processing Society, in 2015.

Antennas and Propagation (AP) & Microwave Theory and Techniques (MTT) has joined together to form a new student branch chapter of IEEE AP-MTT Society, in 2016.

Specific Goals of the Student Branch

- Provide funding for student-directed activities associated with the Student Branch.
- Provide students with an opportunity to enhance their professional experiences by planning and organising social and technical activities on campus.
- Generate awareness about IEEE and its activities for the students by giving IEEE memberships to event winners along with cash prize.
- Technically sponsor the Technology events on campus.
- Provide partial funding to the students for IEEE journal and Conference papers.

Technical Activities of IEEE Student Branch

- Workshop on e-bike was organised on March 29, 2018. The workshop was conducted by Dr. Regan Zane from Utah State University, USA. Number of participants was 38.
- Workshop on Technical Report Writing using LaTeX was conducted on April 05, 2018. Number of participants was 109.
- A technical talk by invited speaker Dr. Soumyabrata Chakrabarty, ISRO, was organised on May 18, 2018. The topic of the talk was 'Research and Development in Space Application Center (SAC)'. Number of participants was 106.
- Invited talk on 'Steering Social Activity: A Stochastic Optimal Control Point of View' by Dr. Abir De, Max Planck Institute for Software Systems, Germany was conducted on July 09, 2018. Number of participants was 41.
- Webinar on Technical Report writing using LaTeX was conducted on July 26, 2018. Number of participants was 40.
- Workshop on 'Demonstration and Hands-on training on bio electrophysiological signals of the human body' was organised on August 08, 2018. Number of participants was 29.
- Workshop on MATLAB was conducted on August 09, 2018. Number of participants was 216.
- Invited talk on 'Making the Most Out of IEEE Student Membership: Success Stories' by Kristen McCartney, IEEE UPP, was conducted on September 24, 2018. Number of participants was 20.
- Invited talk on 'IEEE Explore Digital Library: Delivering Research Better than Ever' by Mr. Ranbir Sedhey, IEEE Client Services Manager (North India), was conducted on September 24, 2018. Number of participants was 20.
- Invited talk on 'Art of Electrodynamics: Different from that We are Taught' by Prof. Debotosh Guha, Calcutta University, was conducted on November 16, 2018. Number of participants was 40.

- Workshop on 'Robotix' was organised during Nov-Dec, 2018. Number of participants was 62.

Award and Achievement - 2018

- Mr. Rajit Karmakar and Mr. Sudipta Ghosh received IEEE Richard E. Merwin Student Scholarship for their outstanding contributions to the IEEE. Previously Mr. Samaresh Bera, Mr. Tamoghna Ojha and Dr. Debdoot Sheet had also received this award.

Activities Planned - 2019

1. Hardware Hack-a-thons.
2. Planning and execution of IEEE TechSym 2020.
3. IEEE Boot Camp to promote IEEE and increase membership among the students of IIT Kharagpur.
4. Sessions on Research Writing and Presentation
5. Short Term Workshops on R, MATLAB & Simulink, LabVIEW and COMSOL.
6. 4 day workshop series with industrial collaboration
 - a. Python programming and its applications
 - b. Plotting figures for preparing manuscripts and reports using GNUPLOT and Matplotlib.
 - c. Medical data analysis
7. Robotix workshop (jointly with Robotix Society, IIT Kharagpur)
8. Workshops on MEMS, Medical Imaging, Computer Vision & Machine Learning, Networking, Analog Design.
9. Workshop on Tools to Empower Research.
10. Invited talks and Webinars by eminent speakers from Academia and Industry.

Committee Members

Outgoing (2018)

Faculty Advisor

Dr. Debdoot Sheet, *Dept. of Electrical Engineering*

Execom

Mr. Sudipta Ghosh (Chair)
 Mr. Samaresh Bera (Vice-Chair)
 Ms. Devarpita Sinha (Secretary)
 Mr. Subhankar Paul (Treasurer)
 Mr. Rajit Karmakar (UPP-Liasion)

SAC

Mr. N. Prasad and Mr. Prajnamaya Dass (Communication)
 Mr. Sobhan Kanti Dhara (Membership Development)
 Mr. Sobhanjyoti Giri and Mr. Moyukh Laha (Educational Activity)
 Mr. Niloy Saha (Web Development)

Incoming (2019)

Faculty Advisor

Dr. Debashis Sen, *Dept. of Electronics and Electrical Communication Engineering*
 Dr. Dipankar Debnath, *Dept. of Electrical Engineering*

Execom

Mr. Samaresh Bera (Chair)
 Mr. Devarpita Sinha (Vice-Chair)
 Ms. Anshwesa Barik (Secretary)
 Mr. Niloy Saha (Treasurer)
 Mr. Sudipta Ghosh (UPP-Liasion)

SAC

Mr. Sobhanjyoti Giri (Communication)
 Mr. Sobhan Kanti Dhara (Membership Development)
 Ms. Archita Ghosh (Educational Activity)
 Mr. Prajnamaya Dass (Web Master)

Financial Report: January 2018 - December 2018

Savings Account at SBI: Inoperable due to KYC Issue

Savings Account at Syndicate Bank (Revenue generated from IEEE TechSym 2016):

Opening Balance as on January 01, 2018: **INR 16,093.62**

Closing Balance as on December 31, 2018: **INR -10,744.62** (Including committed balance for the activities in the year 2018)

Date	Purpose	Debit	Credit	End Balance (INR)
01/01/18	Brought Forward			16,093.62
28/03/18	Workshop on E-bike	950		15,143.62
05/04/18	LaTex Workshop	2720		11,423.62
18/05/18	TA-invited speaker	4000		8,423.62
09/08/18	Matlab workshop	1186		7,237.62
27/09/18	IEEE Talk	700		6,537.62
16/11/18	Invited speaker	770		5,767.62
Committed December, 2018	Robotix Workshop*	16511		-10,744.62
Total Balance as on December 31, 2018				-10,744.62

*Support for funding is approved by the Section

Fixed Deposit: **INR 1,18,318.00**

AP/ MTT Student Branch Chapter (Indian Institute of Tech – Kharagpur, AP03/MTT17) (Geo Code - SBC20461B)

Report of Technical Activities in 2018

Sl. No.	Date, Venue	Speaker	Topic	Attendance	
				IEEE members	Non members
1 (DLP)	March 12, 2018, NKN (E&ECE)	Dr Y Antar, Professor Royal Military College Canada, FIEEE	Antennas for Wireless Communications and other Applications: Recent Advances and Future Trends	20	7
2 (IT)	March 12, 2018, NKN (E&ECE)	Dr J Siddiqui, Asso. Prof, UCal, SMIEEE	IEEE SIGHT activities and AP-S project on SIGHT	20	7
3 (WS)	May 10, 2018, KV-2 Kharagpur	2018 ex-com and SAC members of the chapter	A one day workshop for higher secondary school students entitled "KCL/KVL to Maxwell"	6	63
4 (IT)	May 18, 2018, RCC Seminar Room E&ECE	Dr Soumyabrata Chakrabarty, Head, Microwave Sensors Antenna Division, ISRO, Ahmedabad	Advances in Antennas for Microwave Remote Sensors	18	2
5 (IT)	June 26, 2018 NKN(E&ECE)	Dr K J Vinoy, Prof. IISc Bangalore	Towards Suitcase RADARS: Active and Passive	22	2
6 (IT)	Sept 03, 2018 NKN (E&ECE)	Dr Jayanta Mukherjee, Prof, IIT Bombay	Some new designs for Mixers and LNA in CMOS Technology	14	14
7 (IT)	Nov 02, 2018 RCC Seminar Room, E&ECE	Dr Sarang Pendharker, Asst. Prof., E&ECE, IIT Kharagpur.	Electromagnetic properties of moving-media: Topological Transformations & Negative-frequency Modes	20	10
8 (DLP)	Dec 13, 2018 NKN(E& ECE)	Dr Sudhakar Rao, Technical Fellow, Research Technology & Engg. Div., Northrop Grumman Aerospace Systems	Advanced Antenna Systems for 21st Century Satellite Communications Payloads	22	12

DLP: Distinguished Lecture Program; IT: Invited talk; WS: Workshop

Achievements in 2018

- 1) Received \$650 from AP society on 10th August 2018 as operational grant based on 2017 activities.
- 2) Chapter activity reported in IEEE AP-Magazine in August 2018 issue.
- 3) Chapter activity reported in IEEE AP-Magazine in December 2018 issue.
- 4) Two partially funded DLPs by AP society
- 5) Participated in "APS SBC Chair Meeting" at 2018 IEEE Indian Conference on Antennas and Propagation (InCAP) held in Hyderabad, during 16th to 19th December, 2018. This SBC was highly praised for its activities in 2018. AP-MTTS SBC IIT Kharagpur reported the highest number of activities in 2018 among all participating AP SBCs in India.
- 6) Launched customized IEEE AP-MTTS SBC T-shirts

Outgoing Committee Members for 2018

Faculty Advisor: Dr. Arijit De, Associate Professor, E&ECE

Chair: Arup Ray, Research Scholar, ATDC

Co-Chair: Mahesh Singh, Research Scholar, E&ECE

Secretary: Manisha Kahar, Research Scholar, E&ECE

Treasurer: Anirban Sengupta, Research Scholar, E&ECE

Incoming Committee Members for 2019

Faculty Advisor: Dr. Sarang Pendharkar, Assistant Professor, E&ECE

Chair: Priyanka Deb Sinha, Research Scholar, E&ECE

Co-Chair: Shuvodip Majumdar, Research Scholar, E&ECE

Secretary: Anirban Sengupta, Research Scholar, E&ECE

Assistant Secretary: Tazeen Sheikh, Research Scholar, E&ECE

Treasurer: Manikant Sinha, Research Scholar, E&ECE

Co-treasurer: Ruchita Sonak, Research Scholar, E&ECE

Financial Report (from February 2018 to December 2018)

Credit		Debit	
Particulars	Amount (INR)	Particulars	Amount (INR)
Opening Balance	16,864.56	IEEE AP-MTTS SBC operational expenses including technical lectures and seminars	25,441.00
Income from the Workshop at KV	9,450.00		
Interest	112.02		
	59.27		
	60.45		
From IEEE Kharagpur Section (out of USD 650 grant received from IEEE Antenna Propagation Society)	10,248.00	Closing Balance	11,353.30
Total	36,794.30	Total	36,794.30

IEEE Signal Processing Society Student Branch Chapter (Geo Code: SBC 20461A)

Outgoing Executive Committee Member List 2018

Anik Kumar Samanta (Chair)
Lily Srujana (Vice-Chair)
Akanksha (Secretary cum Treasurer)

Incoming Executive Committee Member List 2019

Chair - Akanksha
Co-chair - Mohamed Ismail Yasar Arafath
Secretary - Jessy Khonglah
Treasurer - Himadri Sekhar Bhunia
Web and Online Activities Chair - Saptarshi Pal Chaudhuri
Web and Online Activities Co-Chair - Anushree Basu

Faculty Advisor

Dr. Anirban Mukherjee
Associate Professor, EE

Technical Activities:

Date	Description	Speaker	No. of participants
Jan 31- Feb 4, 2018	15-Day Lecture on Selected Topics of Signal Processing Session 1	Dr. Alfredo Illanes Chair of Software Engineering OvGU Magdeburg	100
Feb 5- Feb 10, 2018	15-Day Lecture on Selected Topics of Signal Processing Session 2	Dr. SPK Karri, Post-Doctoral Fellow, IIT Kharagpur	
Feb 11- Feb 15, 2018	15-Day Lecture on Selected Topics of Signal Processing Session 3		
Mar 21, 2018	Utilizing Online Social Media for Disaster Relief and Preparedness	Dr Saptarshi Ghosh Dept. of CSE, IIT Kharagpur	15
May 15, 2018	Large Scale Search Engines: Foundations and Challenges	Dr Jiaul Paik Centre for Educational Technology, IIT Kharagpur	25
May 16, 2018	Quantifying brain tissue microstructure from T2 relaxometry MRI data	Mr. Sudhanya Chatterjee, Vision, Action and information management System in health (VisAGeS), INRIA, Rennes, France	19
Aug 10, 2018	Wavelet Application to Lightning Transient Analysis	Dr N K Kishore, Prof, Dept of EE, IIT Kharagpur	11
Aug 31, 2018	Enhancement of Bone Conducted Speech Signal	Mr. Premjit Singh, Ph.D. Scholar, IIT Kharagpur	7
Oct 9, 2018	Opportunities and Challenges in High Speed Design for High Performance Mixed Signal SoCs	Saj Kapoor, Engineering Director, High Speed Signal Processing Group, Analog Devices, Bangalore	41
Nov 28, 2018	IEEE Distinguished Lecture on "First-Photon Imaging and Other Extreme Optical Imaging"	Prof. Vivek Goyal, FIEEE Boston University	27

Financial Position:

Credit		Debit	
Particulars	Amount (Rs.)	Particulars	Amount (Rs.)
Opening Balance (Includes previous cash in hand)	13,850.83	IEEE SPS-SB Operational expenses including technical lectures and seminars	1,852.00
To Bank Interest	419.42	By Closing Balance (Cash at Bank)	11,620.25
		By Closing Balance (Cash in Hand)	798.00
Total	14,270.25	Total	14,270.25

Future Activities:

- a) Organising student activity pertaining to their area of research with discussions and possible joint-dissemination of the work.
- b) Organising one lecture by an SPS Distinguished Lecturer.
- c) Regular lecture series on various topics related to signal, image, and information processing.
- d) Organising workshop on signal and image analysis tools

**Reported Events of SBC20461C – IIT Kharagpur, EMB18
(IEEE EMB SB Chapter, IIT Kharagpur)**

	Talk title	Speaker	Date	Members	Non Members	Venue
1.	Optical coherence tomography using laser light and quantitative phase imaging of waveguide trapped red blood cells	Prof. D.S. Mehta, Indian Institute of Technology Delhi	Nov 30, 2017	11	23	SMST (old) Seminar
2.	Cryoelectron microscopy : achieving near-atomic resolution for visualizing structural details of molecular protein complex in neurodegenerative disease – cockayne syndrome	Dr Indrajit Lahiri, University of California, San Diego	Nov 17, 2017	7	11	SMST (old) Seminar
3.	Fractal analysis of breast masses in mammograms	Dr Rangaraj M. Rangayyan, PhD, University of Calgary in Calgary, Canada	Jan 15, 2018	14	28	SMST (old) Seminar
4.	Role of histone methyltransferases in neuroendocrine tumors	Dr. Sanjit Mukherjee, National Cancer Institut	Apr 04, 2018	6	9	SMST (old) Seminar
5.	Magnetic nanoparticles for enhanced cancer drug	Prof. Saion k. Sinha, Dept of Electrical and Computer Engineering, University of New Haven	Jul 06, 2018	9	18	SMST (old) Seminar
6.	Tissue cytometry, cell cytometry & small animal imaging technologies by Perkin Elmer	Dr Shahzada Asad, PerkinElmer (India) Pvt. Ltd.	Jul 31, 2018	11	32	SMST (old) Seminar
7.	Methods and system for breast cancer diagnosis by fine needle aspiration cytology image analysis	Dr. Hrushikesh Garud, Texas Instruments, Bengaluru	Jun 12, 2018	5	8	SMST (old) Seminar
8.	Samsung (Healthcare Div), India-IIT Kharagpur (SMST) Collab Meet: Interaction Session	Veerendra Shetty and Ashes D Ganguly, Samsung R&D Institute, Bangalore	Aug 17, 2018	10	20	SMST (old) Seminar
9.	Super Resolution Microscopy by Leica	Dr Anupam Banerjee	Sept 26, 2018	7	20	SMST (old) Seminar

Workshops

1. Title: LaTeX workshop on technical report writing

Organised by: IEEE Student Branch and EMBS Student Branch Chapter, Kharagpur Section

Date:05 Apr 2018

Time:05:00 PM to 07:30 PM

Attended: 109

2. Title: Workshop on "Signals and Systems in Life Sciences", Theme: Bio-electro-physiological signals

Organised by: IEEE EMBS Student Branch Chapter and Student Branch, Kharagpur Section

Date:08 Aug 2018

Time:10:00 AM to 01:00 PM

IEEE Attended: 12

Guests Attended: 17

3. Title: Workshop on "Signals and Systems in Life Sciences", Theme: Speckle imaging
Organised by: IEEE EMB SB Chapter, IIT Kharagpur
Date:08 Sep 2018
Time:09:30 AM to 01:00 PM
IEEE Attended: 6
Guests Attended: 11

Statement of Income and Expenditure 2018

Income: INR 0.
Expenditure: INR 3700.
Available fund: **INR 20,200.**

Outgoing Executive Committee for 2018

Chair: Biswajoy Ghosh
Vice Chair: Priyaranjan Muduli
Treasurer: Anwasha Barik
Secretary: Niladri Garai

Incoming Executive Committee for 2019

Chair: Souvik Biswas (id-souvikbiswasju@gmail.com)
Secretary: Poulomi Pal (poulomipal77@gmail.com)
Treasurer: Arijit Pal (pal.arijit88@gmail.com)

**Minutes of AGM of IEEE Kharagpur Section for 2017
held at GSST NKN Room on
February 21, 2018**

Chair: Prof Amitabha Bhattacharya

Vice Chair: Prof Chittaranjan Mandal

Secretary: Prof Shailendra Kumar Varshney

Treasurer: Prof Debrati Sen

Student Branch Counsellor: Prof Debdoot Sheet

Nomination Committee Chair: Prof Alok Kanti Deb

Control System Society Chair: Prof Siddharth Mukhopadhyay

Engineering in Medicine and Biology Society Chair: Prof M Manjunatha

Signal Processing Society Chair: Prof P K Dutta

Haldia sub-section Student Branch Counsellor: Prof Goutam Das

- Prof Amitabha Bhattacharya welcomed all members and delivered his speech
- Prof Chittaranjan Mandal presented minutes of the last AGM. The minutes were confirmed by the voice vote. He also, thanked Prof Amitabha Bhattacharya for his efforts towards obtaining the society registration.
- Prof Amitabha Bhattacharya mentioned major organizational activities of the IEEE Kharagpur Section and informed the house that the IEEE Kharagpur section has been registered under the society in West Bengal under the West Bengal Society Act, 1961. TAN number may be obtained post registration. It was noted that Income Tax returns have to be filed and the registration to be renewed every year. A report to be sent to the WV registrar office alongwith AGM resolution for renewal of the society registration for the year 2018. He stated that the overall level of activities for the section and most of the chapters in the year 2017 was quite low and serious effort should be undertaken to get those back on track.
- Prof Debrati Sen has done commendable job to streamline the financial reporting and presented the audit report of the section
- On behalf of Prof Siddharth Mukhopadhyay, Prof Alok Kanti Deb presented the report for the Control System Society.
- On behalf of Prof M. Manjunath, Prof Debdoot Sheet presented the report for the Engineering in Medicine and Biology Society.
- Ms. Sireesha Tamada presented the report for the Women in Engineering Affinity group.
- Ms. Manisha Kahar presented the report of IEEE AP/MTT chapter and discussed the planned events in the year 2018.
- Mr. Samaresh Bera presented the activities of IIT Kharagpur student branch.
- Prof Goutam Das presented HIT Student Branch activities. Mr. Vishal Tiwari (new Chair of HIT, SB) presented the activities in detail and also presented an event calendar describing activities round the year.
- Prof Amitabha Bhattacharya requested Prof Alok Kanti Deb to present the new slate. Prof Alok Kanti Deb welcomed the new office bearers.

Incoming IEEE Kharagpur Section Slate for 2019

Chair: Prof. S.K.Varshney

Vice Chair: Prof. Debarati Sen

Secretary: Prof. Sudip Misra

Treasurer: Prof. Debdoot Sheet

Assistant Secretary: Prof. Sanjay Chaturvedi

Chair of the nomination committee: Prof Amitabha Bhattacharya

Other members of the nomination committee:

Prof. Pabitra Mitra

Prof. Prabodh Bajpai

Prof. Raja Dutta

Date of communication of new slate: December 7, 2018

Programme of IEEE AGM 2018 (starting at 6pm)

- 1) *Attendance*
- 2) *Welcome address by Prof C Mandal*
- 3) *Presentation of Minutes of AGM 2018 by Prof S K Varshney*
- 4) *Presentation of Kharagpur Section Annual Organisational Report, 2018 by Prof C Mandal*
- 5) *Presentation of Kharagpur Section Financial Report, 2018 by Prof Sudip Misra*
- 6) *Presentation of Haldia sub-section Annual Report 2018 by representative of Prof Goutam Das*
- 7) *Presentation of Signal Processing Society Chapter Annual Report, 2018 by Prof Pranab K Dutta*
- 8) *Presentation of Control System Society Chapter Annual Report, 2018 by Prof Alok Kanti Deb*
- 9) *Presentation of Engineering in Medicine and Biology Society Chapter Annual Report, 2018 by Prof M. Manjunath*
- 10) *Presentation of IIT Kharagpur Student Branch Report, 2018 by Mr Sudipta Ghosh*
- 11) *Presentation of Antenna and Propagation / Microwave Theory and Technique Society Student Branch Annual Report, 2018 by Mr Arup Ray*
- 12) *Presentation of Signal Processing Society Chapter Annual Report, 2018 by Mr Anik K Samanta*
- 13) *Presentation of Engineering in Medicine and Biology Society Chapter Annual Report, 2018 by Mr Biswajoy Ghosh*
- 14) *Presentation of Women in Engineering Affinity Group Annual Report, 2018 by Ms Sireesha Tamada*
- 15) *Presentation of HIT Student Branch Report, 2018 by Mr Vishal Tiwari*
- 16) *Presentation of new slate of Kharagpur section office bearers for 2019 by Prof Amitabha Bhattacharya*
- 17) *Handover of Charges*
- 18) *Presentation of Mementoes to outgoing office bearers by Prof Debdoot Sheet*
- 19) *Presentation of Vote of Thanks by Prof Debarati Sen*