

IEEE Sendai Section Annual Report 2023

PART A - SECTION SUMMARY

A.1 Executive Summary

- **Section Executive Committee Member List**

- Section Officers [2022-2023]
 - Chair: Hirohito Yamada (Tohoku University)
 - Past Chair: Motoyuki Sato (Tohoku University)
 - Vice Chair: Taiichi Otsuji (Tohoku University)
 - Secretary: Toshihiko Hirooka (Tohoku University)
 - Treasurer: Hitoshi Kikuchi (NTTEAST-TOHOKU)
- Section Executive Committee Members [2022-2023]
 - Naoki Honma (Iwate University)
 - Toshiki Kanamoto (Hirosaki University)
 - Jinichi Kobayashi (NTTEAST-TOHOKU)
 - Koji Kotani (Akita Prefectural University)
 - Hiroyuki Masayanagi (NEC Platforms, Ltd)
 - Shin Masuda (Advantest Laboratories Co.)
 - Yoshinobu Murayama (Nihon University)
 - Keisuke Nakano (Tohoku University)
 - Incheon Paik (The University of Aizu)
 - Fumihiko Sato (Tohoku Gakuin University)
 - Motoshi Tanaka (Akita University)
 - Takashi Uchino (Tohoku Institute of Technology)
 - Tetsuya Yuasa (Yamagata University)
- Section Standing Committee Chair [2022-2023]
 - Membership Development: Toshihiko Hirooka (Tohoku University)
 - Technical Program: Taiichi Otsuji (Tohoku University)
 - Chapter Promotion: Taiichi Otsuji (Tohoku University)
 - Student Activities: Keisuke Nakano (Tohoku University)

- **Section Highlights**

- **Sendai Section 25th Anniversary Celebration Ceremony / Symposium** was held on 28th November 2023.
- **The Dedication Ceremony for the IEEE Milestone “Perpendicular Magnetic Recording, 1977”** was held on 9th October 2023.
- Two members were newly elevated to 2023 Fellow Grade in Sendai Section.
 - Takashi Matsuoka (Tohoku University)
 - Tetsuo Endoh (Tohoku University)
- Three lecture meetings were organized.
 - New Fellow Lecture Meeting [17th April 2023]
 - Sendai Section 25th Anniversary Special Lecture Meeting on TSJC [5th September 2023]
 - Special Lecture Meeting “Past, Present, and Future of Dialogical Text Generation AI” [22nd December 2023]
- Co-sponsored “2023 Tohoku-Section Joint Convention of Institute of Electrical and Engineers, Japan (TSJC)” at Iwate Prefectural University. [5th - 6th September 2023]
- The following Administrative Meetings were held.
 - Annual General Meeting
 - 2 Section Board Meetings
 - 4 Administrative Officers Meetings

- Activities for students
 - Student Session on TSJC
 - Sendai Section Student Awards 2023 Ceremony
- New Officers (2024-2025) were elected.
- Awards
 - Sendai Section Student Awards 2023
 - Sendai WIE Awards 2023

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

The Sendai Section’s finances are in good condition.

- Financial summary of 2023 FY is as follows (not incl. CB)

(All in JPY)

Income/Expense	Item	Budget	Actual
Income	2.10 Meetings & Social Events	-	183,000
	3.30 Section or Council Receipts	300,000	0
	3.45 Interest	20	24
	2.60 Other	-	770,748
	Total of Income	300,020	953,772
Expense	4.10 Meeting & Social Evens	1,530,000	1,181,841
	4.80 Student Activities	120,000	83,472
	4.85 Grants & Awards	100,000	77,204
	5.20 Travel	350,000	221,411
	5.50 Support Section & Chapter	120,000	121,338
	5.54 Member & Geographic Activities	12,500	0
	5.60 Management & General Expense	650,000	13,700
	6.10 Postage & Supplies	30,000	2,930
	6.20 Other	60,000	60,000
	6.31 Student Branch Rebate Disbursement	35,000	65,612
Total of Expense	3,007,500	1,827,508	
Balance of year end of 2022		3,021,237	3,021,237
Balance of year end of 2023		1,138,757	2,147,501

- In addition, Sendai Section have the balance on Concentration Banking account.

(All in USD)

Income/Expense	Item	Budget	Actual
Income	3.10 Rebate from IEEE HQ	6,000.00	6,357.35
	3.31 Student Branch Rebate Receipts	-	438.00
	3.34 IEEE HQ & Societies	11,000.00	10,475.61
	3.45 Interest	40.00	260.00
	Total of Income	17,040.00	17,530.96
Expense	5.50 Support Section & Chapter (incl. JC)	9,350.00	8,904.27
	4.09 Other Program Expense	-	5,380.08
	6.95 Bank Account Transfers (outgoing)	7,500.00	-
	Total of Expense	16,850.00	14,284.35
Balance of year end of 2022		3,723.64	3,723.64
Balance of year end of 2023		3,913.64	6,970.25

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 each year is 646(2021), 704(2022), 695(2023).

- The number of memberships by grade in the past 3 each year are as follows.

Grade	Members		
	2021FY	2022FY	2023FY
Fellow	26	25	25
Senior Member	78	79	76
Member	440	457	455
Associate Member	11	7	8
Graduate School Member	83	121	119
Student Member	8	15	12
Total	646	704	695

- Membership Development Committee nominated and supported to upgrade to Senior Member. The number of Senior Members in Sendai Section steadily increasing year by year. One member was newly elevated to Senior Member in Sendai Section.
- **Two members were newly elevated to 2023 Fellow Grade in Sendai Section.**
 - Takashi Matsuoka (Tohoku University)
for contributions to laser diodes for optical communications and nitride semiconductors for light emitting devices
 - Tetsuo Endoh (Tohoku University)
for contributions to nonvolatile memory and spintronic logic

B.2 Chapter Activities

Chapter Promotion Committee supported Chapters activities in Sendai Section.

- Total number of Chapters in the Section: 4 Chapters
- Number of Chapters formed in the current year: None.
- Number of active Chapters (Chapters who have reported required number of meetings during the year): 3 Chapters.
- Summary of Chapter activities
 - **SP01 Sendai Chapter**
Chair: Yukio Iwaya (Tohoku Gakuin University)
 - **COM19 Sendai Chapter held 7 technical meetings.**
Chair: Nei Kato (Tohoku University)
 - **EMC27 Sendai Chapter held 13 technical meetings.**
Chair: Teruo Tobana (Akita Prefectural University)
 - **MAG33 Sendai/Sapporo Joint Sections Chapter held 4 technical meetings.**
Chair: Shin Yabukami (Tohoku University)

B.3 Professional and Continuing Education Activities

- Technical Program Committee organized following 3 special lecture meetings on section level.
 - **New Fellow Lecture Meeting** [17th April 2023]
Lecture meeting was held by newly elevated two Fellows in commemoration of their upgrade.
 - “What I learned through research and development of laser diodes for optical communications systems, and nitride semiconductors” by Prof. Takashi Matsuoka (Tohoku University)
 - “Nonvolatile Memory and Spintronic Logic” by Prof. Tetsuo Endo (Tohoku University)
 - Venue: RIEC, Tohoku University
 - Hybrid Meeting
 - Attendance: 86

- **Sendai Section 25th Anniversary Special Lecture Meeting on TSJC** [5th September 2023]
 - “Humanitarian Demining Technology and Support for Ukraine” by Dr. Motoyuki Sato (Professor Emeritus, Tohoku University)
 - Venue: Iwate Prefectural University
 - Attendance: 74
- **Special Lecture Meeting** [22nd December 2023]

Motivated by the experience of The East Japan Great Earthquake Disaster, we have been organizing a series of the lecture meetings on “technologies covered by IEEE that can contribute to disaster recovery, prevention, safety measures and regional industrial development” since 2011.
At this lecture meeting, an interesting special talk entitled “Past, Present, and Future of Dialogical Text Generation AI” by Prof. Jun Suzuki (Tohoku University).

 - Venue: RIEC, Tohoku University
 - Hybrid Meeting
 - Attendance: 108

B.4 Students Activities

- 2 Student Branches are active in Sendai Section.
 - Tohoku University Student Branch
 - The University of Aizu Student Branch
- Number of Student Branches formed in the current year: None.
- Section level student activities
 - Student Session on TSJC (19 papers were presented) [5th - 6th September 2023]
 - Sendai Section Student Awards Ceremony [22nd December 2023]
 - 2 students were received The Best Paper Prize
 - 3 students were received The Encouragement Prize
- Summary of Student Branch activities
 - **Tohoku University Student Branch**
Chair: Daisuke Matsuura
 - IEEE Tohoku University Student Branch & IEICE Tohoku University Joint Introduction Lecture for New Student 2023 [3rd June 2022]

We publicized the activities of the IEEE Student Branch to fourth-year university students and graduate students enrolled from outside the university to expand the reach of the program.

 - Venue: Tohoku University
 - Attendance: 22
 - Join the “Student Branch Leadership Training Workshop (SBLTW2023)” [30th June -1st July 2023]
 - On-Site Class in Mutsu-shi [11th -14th August 2022]
 - Venue: Tanabu 2nd elementary school, Mustu-shi
 - Attendance: 79
 - Tohoku University Student Branch Determination of Incoming Officers 2023 [10th June 2022]
 - Venue: Tohoku University
 - Attendance: 15
 - Cooperated as a judge on Sendai Section Student Session [5th - 6th September 2023]
 - **The University of Aizu Student Branch**
Chair: Kai Su
 - IEEE UoA Student Branch Membership Training [1st September 2022]

UoA student branch successfully conducted an enriching "UoA IEEE SB Membership Training". The event saw the active participation of 14 IEEE student members from diverse research labs at our university.

- Venue: Inawashiro Youth Exchange Center
- Attendance: 15
- Poster Session in Graduate School Information Fair 2023 [1st October 2023]

This poster session aims to provide an opportunity for interactive discussions, exchanging research ideas among Graduate School students, laboratories and attracting undergraduate students to pursue their interest in graduate school. 18 students submitted their posters, covering diverse topics such as quantum computing, machine learning applications in lunar mapping, cough detection using DNNs, and traffic congestion pattern analysis. These presentations offered insights into ongoing research and innovations by other students.
- Venue: The University of Aizu
- Attendance: 30
- IEICE Service Computing Branch Research Presentation (Co-Sponsored) [2nd – 3rd June 2023]

The first significant activity of our IEEE Aizu University Student Branch in 2023 was co-organizing the IEICE Service Computing Branch Research Presentation. This event featured 17 diverse presentations from various universities and enterprises, covering hot topics in the field of service computing.
- Venue: The University of Aizu
- Attendance: 30
- Join the “Student Branch Leadership Training Workshop (SBLTW2023)” [30th June -1st July 2023]
- 2 times administrative meetings were held.

B.5 Affinity Group Activities

- **Sendai WIE (Sendai Section Women in Engineering Affinity Group)**
 - Sendai WIE 6th Anniversary Event “Think Diversity! - Opening up the future of WIE -” [23rd April 2023]

At this event, 2 female researchers presented their individual research and career model and discussion with audience was actively done.

 - “Diversity, Equity and Inclusion in Engineering” by Dr. Tomoko Watanabe (Tohoku University)
 - “The world of information engineering opened up by positive thinking” by Dr. MIN ZOU (Akita University)
 - Virtual Meeting (Zoom Webinar)
 - Attendance: 28
 - Sendai WIE and YP Special Session “The charm of research that female and young researchers can convey” [5th September 2023]

This special session was organized on 2023 Tohoku-Section Joint Convention of Institutes of Electrical and Information Engineers by Sendai WIE. At this session, after introduction of Sendai WIE activities by Dr. Miho Shidahara, Chair of Sendai WIE, technical talks were presented by 4 researchers and special talk by Dr. Kanayo Ogura, Iwate prefectural University were presented.

 - “Promoting research that is not bound by common sense and specialized fields: Commitment to communication research” by Dr. Kanayo Ogura (Iwate prefectural University)
 - Venue: Iwate Prefectural University
 - Attendance: 19
 - Sendai WIE Award 2023 [22nd December 2023]
 - Venue: RIEC, Tohoku University
 - Hybrid Meeting
 - Attendance: 18

- 8 times Sendai WIE administrative meetings were held.
- **Sendai LMAG (Sendai Section Life Members Affinity Group)**
 - Sendai LMAG Lecture Meeting (2023-1st) [4th March 2023]
 - Lecture1 “Ultrasonic measurement of blood flow – from heart to peripheral artery” by Prof. Yoshifumi Saijo (Graduate School of Biomedical Engineering, Tohoku University)
 - Lecture2 “Ultrasound measurements of cardiac dynamics - research is a series of surprises and real pleasure” by Hiroshi Kanai (Graduate School of Engineering, Tohoku University)
 - Virtual Meeting (Zoom Webinar)
 - Attendance: 58
 - Sendai LMAG Lecture Meeting (2023-2nd) [3rd June 2023]
 - "Radio wave technology that protects human society -from landslides to demining in Ukraine-" by Motoyuki Sato (Professor Emeritus, Tohoku University)
 - Venue: RIEC, Tohoku University
 - Hybrid Meeting
 - Attendance: 48
 - Sendai LMAG Lecture Meeting (2023-3rd) [15th July 2023]
 - Lecture1 “Fundamental of electromagnetic information security” by Dr. Hideaki Sone (Specially Appointed Professor, Organization for Innovations in Data Synergy, Tohoku University)
 - Lecture2 “Old and New Research activity on EMC Problems – Research on Electromagnetic Noise around Printed Circuit Board” by Dr. Hiroshi Inoue (Professor Emeritus, Akita University)
 - Venue: RIEC, Tohoku University
 - Hybrid Meeting
 - Attendance: 57
 - Sendai LMAG Lecture Meeting (2023-4th) [16th December 2023]

This Lecture Meeting was held to commemorate the IEEE Milestone “Perpendicular Magnetic Recording”.

 - “How perpendicular magnetic recording was implemented into hard disk drives” by Dr. Hiroaki Muraoka (Tohoku University)
 - Venue: Aobayama Campus, Tohoku University
 - Hybrid Meeting
 - Attendance: 30
 - Observation of “Fukushima Robot Test Field” [29th November 2023]

Fukushima Robot Test Field (RTF), developed based on Fukushima Innovation Coast Framework, is one of the largest research and development bases in the world. At this research base, verification test, performance evaluation and operation training can be carried out while reproducing the actual operating conditions, mainly for ground, maritime, underwater and aerial robots that are expected to be utilized for logistic, infrastructure inspection and large-scale disaster.

 - Venue: Fukushima Robot Test Field
 - Attendance: 11
 - 2 times Sendai LMAG General Assembly were held. [4th March / 16th December 2023]
- **Sendai YP (Sendai Section Young Professional Affinity Group)**
 - Sendai YP 4th Anniversary Event [22nd October 2023]

In this event, first, Chair Yamaguchi looked back on Sendai YP's activities to date. Next, YP members Nakazawa and Hashida gave a lecture on their research content. After both parties introduced their research on voice processing and wireless communication technology, a free and lively discussion took place, ranging from research methods to points of difficulty. Finally, we held a general meeting and confirmed Sendai YP's future activity policy. It was a valuable opportunity to commemorate the 4th anniversary of the establishment of Sendai YP and to learn about the research content of the members.

- “Passive Beamforming for Intelligent Reflecting Surface-aided Millimeter-Wave Communication Systems” by Hiroaki Hashida (Tohoku University)
- “The functions of human hearing and methods for estimating speech intelligibility” by Kazushi Nakazawa (Yamagata University)
 - Virtual Meeting (Zoom Meeting)
 - Attendance: 11
- Lecture by Young Scientist (Co-sponsored by Sendai YP, Hiroshima / Shikoku / Fukuoka YP) [11th March 2023]

Dr. Keisuke Miyanabe, a young scientist at Mazda Motor Corporation, Japan, delivered a speech on current trends in wireless communication technologies in the automobile industry. The speech was followed by a panel discussion about how students' engagement in research changed during the COVID pandemic. Members of Sendai YP and Hiroshima, Shikoku, and Fukuoka YP participated as panelists in this panel discussion and shared their experiences on students' life during the COVID period.

 - Venue: Hiroshima City University
 - Hybrid Meeting
 - Attendance: 14
- Sendai WIE and YP Special Session “The charm of research that female and young researchers can convey” [5th September 2023]
 - Venue: Iwate Prefectural University
 - Attendance: 19
- Join “IEEE JAPAN SYWL2023 IN SHINSHU” [24th November 2023]
- 8 times Sendai YP administrative meeting were held.

B.6 Awards & Recognition Activities

• Sendai Section Student Awards 2023

Sendai Section Student Awards” were awarded to the excellent papers in Student Session. These awards are expected to contribute to motivate and encourage the students.

- The Best Paper Prize
 - Shohei Kawano (Tohoku University)
 - Zhang Zhang (Tohoku University)
- The Encouragement Prize
 - Kai Nakamura (Tohoku University)
 - Shouki Takeshi (Tohoku University)
 - Ryomei Matsumura (The University of Aizu)

• Sendai WIE Awards 2023

Sendai WIE Awards were awarded to the excellent papers in WIE Special Session on TSJC. These awards are expected to contribute to encourage to female researchers.

- The Best Paper Prize
 - Misako Miwa (Tohoku University)
- The Encouragement Prize
 - Ayano Yoshikawa (Tohoku University)

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

- Home Page of the Section
 - Sendai Section
<http://www.ecei.tohoku.ac.jp/ieee-sendai/>
 - Chapters
 - SP01
<http://www.sps-sendai.org/>
 - EMC27
<http://www.topic.ad.jp/emc-sendai/>
 - COM19
https://webinabox.vtools.ieee.org/wibp_home/index/CH10605
 - MAG33
<http://www.topic.ad.jp/mag-sendai/>
 - Affinity Groups
 - Sendai WIE
<https://www.ieee-jp.org/section/sendai/AG/wie/>
 - Sendai LMAG
<https://www.ieee-jp.org/section/sendai/AG/lmag/>
 - Sendai YP
<https://www.ieee-jp.org/section/sendai/AG/yp/>
- Other means of contacts with Section members including social media
 - Provided 15 times of information of meetings, seminar, and other events for section members via mailing list.

B.8 Industry Relations

Sendai Section is striving for membership growth through technical meetings, workshops, and various activities.

B.9 Humanitarian Technology Activities

There is nothing worthy of special mention in 2023.

B.10 Community Activities

There is nothing worthy of special mention in 2023.

PART C - OTHERS

C.1 Special Events

- **Sendai Section 25th Anniversary Celebration Ceremony / Symposium** [28th November 2023]
 - Sendai Section 25th Anniversary Symposium
 - Opening Greetings Prof. Hirohito Yamada (Sendai Section Chair, Tohoku University)
 - Congratulatory Speech
 - Dr. Koji Mizuno (Sendai Section Past Chair, Professor Emeritus of Tohoku University)
 - Dr. Yoshikazu Miyanaga (Japan Council Chair, Head Director/President of Chitose Institute of Science and Technology)

- Introduction of Sendai Section 25-year History
Prof. Hirohito Yamada (Sendai Section Chair, Tohoku University)
- Commemorative Lecture
 - “Me and IEEE”
Dr. Masataka Nakazawa (Sendai Section Past Chair, Tohoku University)
 - “Resilient ICT - Progress and Prospects”
Dr. Masugi Inoue (Director General of Resilient ICT Research Center, NICT)
 - “The Present and Future of IEEE R10”
Prof. Takako Hashimoto (R10 2024-2025 Director-Elect, Vice President of Chiba University of Commerce)
- Venue: SEIUN, Hotel Metropolitan Sendai
- Attendance: 41



- Sendai Section 25th Anniversary Celebration
 - Venue: LE LIEN, Hotel Metropolitan Sendai
 - Attendance: 34



- **The Dedication Ceremony for the IEEE Milestone “Perpendicular Magnetic Recording, 1977”**
[9th October 2023]

The IEEE Milestone plaque was dedicated to Tohoku University in recognition of the historical achievement of perpendicular magnetic recording invented by Professor Shunichi Iwasaki, Distinguished Professor Emeritus of Tohoku University. In recognition of the award, a presentation ceremony was held in Sendai, Japan, on October 9, 2023, where IEEE President-Elect Thomas Coughlin presented the plaque to Tohoku University President Hideo Ohno. At the presentation ceremony, Professor Shunichi Iwasaki, Distinguished Professor Emeritus of Tohoku University, as the inventor of perpendicular magnetic recording, delivered an address and made a presentation on the significance of perpendicular

magnetic recording. The ceremony was attended by about 60 people from academia, the storage industry, and national and local governments, and the presentation ceremony was a great success.

○ IEEE Milestone Presentation Ceremony

- Greetings from the Organizer Prof. Hirohito Yamada (Sendai Section Chair, Tohoku University)
- Milestone Plaque Presentation Dr. Thomas Coughlin (IEEE President-Elect)
- Greetings from the Representative of the Recipient Organization Dr. Hideo Ohno (President of Tohoku University)
- Greetings from the Inventor Dr. Shunichi Iwasaki (Distinguished Professor Emeritus of Tohoku University)
- Venue: Grand Ballroom TAKE, The Westin Sendai
- Attendance: 59



○ Recognition Celebrate Party for IEEE Milestone (Perpendicular Magnetic Recording)

[Sponsored by Tohoku University]

- Greetings from the Organizer Prof. Takafumi Aoki (Vice President of Tohoku University)
- Congratulatory Address
 - Dr. Hiroyuki Yoshikawa (Former President of The University of Tokyo)
 - Mr. Yoshiharu Yanagisawa (Director of Scientific Research Institutes Division, MEXT)
- Toast Speech Prof. Takahiro Hanyu (Director of RIEC, Tohoku University)
- Congratulatory Speech
 - Dr. Yoshikazu Miyanaga (Japan Council Chair, Head Director/President of Chitose Institute of Science and Technology)
 - Dr. Takafumi Hirohata (IEEE Magnetics Society President)
- Venue: Hermitage, The Westin Sendai
- Attendance: 57

○ IEEE Milestone Commemorative Lecture Meeting

- “Overview of IEEE Milestone”
Dr. Isao Shirakawa (IEEE Japan Council History Committee Chair)
- “Contribution to Social Civilization by Perpendicular Magnetic Recording”
Prof. Yoichiro Tanaka (Tohoku University)
- “Data Storage Industry and Perpendicular Magnetic Recording”
Dr. Hisashi Takano (Western Digital Japan)
- Venue: Grand Ballroom TAKE, The Westin Sendai

- Attendance: 54

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

Sendai Section is maintaining a good relationship with Tohoku Section of the following 7 National Societies.

- The Acoustical Society of Japan (ASJ)
- The Institute of Electrical Engineers of Japan (IEEJ)
- The Illuminating Engineering Institute of Japan (IEIJ)
- The Institute of Electronics, Information and Communication Engineers (IEICE)
- The Institute of Electrical Installation Engineers of Japan (IEIEJ)
- Information Processing Society of Japan (IPSJ)
- The Institute of Image Information and Television Engineers of Japan (ITE)

C.3. Collaboration with other IEEE Sections

Sendai Section has been continuing to cooperate with other Sections by attending Japan Council ExCom Meeting, R10 Meeting and other opportunities.

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

Chapter Promotion Committee supported Chapter activities through the year.

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

Motivated by the experience of The East Japan Great Earthquake Disaster, we have been organizing a series of the lecture meetings on “technologies covered by IEEE can contribute to disaster recovery, prevention, safety measures and regional industrial development” since 2011.

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

There is nothing worthy of special mention in 2023.

PART D - GOALS AND PLANS

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

- Technical Lecture Meetings
- Planning Educational Activities
- Activities for students
 - Student Session on TSJC
 - Seminar for effective English writing skills.
 - Student Awards 2024
- Assistance for elevation to Senior Member, Fellow
- Growth of the number of Section members
- Co-sponsored 2024 Tohoku-Section Joint Convention of Institute of Electrical and Engineers, Japan (TSJC)
- Support for Chapters Activities
- Support for Affinity Groups Activities

- Support for Student Branches Activities
- Annual General Meeting
- Administrative meetings
 - Section Board Meetings
 - Administrative Officers Meetings

D.2 Goals and Future Plans

- Planning for section unique activities by standing committees
- Organizing events for improving skill of members
- Encouragement for students
- Promotion to develop Senior Member and Fellow
- Continuously support to Chapters / Affinity Groups
- Educational Activities for Section Members
- Be more useful for Section Members

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

- We will organize activities to contribute for regional industrial development in Tohoku in the future.
- We will renovate contents of section website, provide more opportunity for everyone to get to know activities of Sendai Section.

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

We will continue to provide more beneficial activities for section members with keeping good financial condition.

Sendai Section will continue to enhance our activities in the future!