

IEEE Nagoya Section Annual Report 2024

PART A - SECTION SUMMARY

A.1 Executive Summary – (Please follow the format given below)

- Section Executive Committee Member List
 - Section Officers
 - Chair: Hideyuki Uehara (Toyohashi University of Technology)
 - Vice Chair: Hideyuki Hasegawa (University of Toyama)
 - Secretary: Toru Tamaki (Nagoya Institute of Technology)
 - Treasurer: Toshiaki Fujii (Nagoya University)
 - Auditor: Hiroshi Sakai (NGK INSULATORS, LTD.)
 - Standing Committee Chairs
- Member Advancement and Nomination: Takuji Tachibana (University of Fukui)
- Membership Development: Kazuo Yamamoto (Chubu University)
- Technical Activities: Yukihiro Tadokoro (Toyota Central R&D Labs., Inc.)
- Students Activities: Masato Futagawa (Shizuoka University)
- Award: Hidekazu Suzuki (Meijo University)
- Chapter Operation: Yoshinobu Murakami (Toyohashi University of Technology)
 - Past Chairs
 - 2023-2024 Chair: Jun Sato (Nagoya Institute of Technology)
 - 2021-2022 Chair: Masaaki Katayama (Nagoya University)
 - 2019-2020 Chair: Naohiro Hozumi (Toyohashi University of Technology)
 - 2017-2018 Chair: Yutaka Ishibashi (Nagoya Institute of Technology)
 - 2015-2016 Chair: Takeshi Furuhashi (Nagoya University)
 - 2009-2010 Chair: Masayuki Nagao (Toyohashi University of Technology)
- Section Highlights
 - The IEEE **Milestone Commemorative Ceremony** for Toyota Prius 1997 was held on 30th October 2024.
 - **Memorable medals** to celebrate the promotion to **senior members** were given to 7 members in December 2024.
 - IEEE Nagoya Section **Conference Presentation Awards**, IEEE Nagoya Section **Student Awards**, and IEEE Nagoya Section **Young Researcher Awards** were given to 17 students and a young researcher.
 - IEEE Nagoya Section **Robot Competition** will be held on March 24, 2024. Two of the best teams were nominated for the IEEE R10 Robot Competition to be held concurrently with IEEE SWYL in August 2024, and one of them won the 2nd Prize.
 - A number of technical activities were **organized and co-organized** by the Nagoya Section, and a total of **20 events** including **5 sponsored** events were held successfully in 2024.
 - Elections for the 2024 IEEE Nagoya Section were held in August 2024, and the Section Officers and committee chairs for 2025 had been elected.
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- Major Events (International, National)
 - The IEEE **Milestone Commemorative Ceremony** for Toyota Prius 1997 was held on 30th October 2024.
 - **Memorable medals** to celebrate the promotion to **senior members** were given to 7 members in December 2024.
 - IEEE Nagoya Section **Conference Presentation Awards** were given to 11 excellent students who presented research from April 1, 2023, until March 31, 2024.
 - IEEE Nagoya Section **Student Awards** were given to 5 excellent students who presented research in the 2024 Tokai-Section Joint Conference on Electrical, Electronics, Information, and Related Engineering.
 - IEEE Nagoya Section **Student Awards** were given to an excellent student who presented research in the Joint Conference of Hokuriku Chapters of Electrical and Information Societies 2024.

- IEEE Nagoya Section **Young Researcher Awards** given to a young researcher under 35 years old.
- IEEE Nagoya Section **Robot Competition** will be held on March 24, 2024.
- Elections for the 2024 IEEE Nagoya Section were held in August 2024, and the Section Officers and committee chairs for 2025-2026 have been elected.
- Major Chapter Activities
 - AP-S Nagoya Chapter organized 4 technical meetings and events.
 - MAG-S Nagoya Chapter organized 7 technical meetings and events.
 - MTT-S Nagoya Chapter organized 4 technical meetings and events.
 - ITS-S Nagoya Chapter organized 5 technical meetings and events.
 -
- Major Student and Affinity Group Activities
 - Young Professional (YP) Affinity Group organized 3 meetings.
 - Women In Engineering (WIE) Affinity Group participated in a conference.
 - Life Member Affinity Group (LMAG) organized 7 meetings and events.
 - Nagoya University Student Branch organized 6 events.
 - University of Fukui Student Branch organized 4 events.
 -
- Awards
 - One member was awarded Fellow Grade.
 - 7 members were awarded Senior Member Grade.
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A.2 Financial Report – (Please follow the format given below)

- Summary (as per submitted on NetSuite)
 - Total Receipts during the year 2024 were 5,615,554JPY including the assessment and rebate of 1,382,152JPY from IEEE HQ. The total disbursements amount to 4,234,452JPY.
- Any other financial activities
 - None

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
 - November 2022: 1,328
 - December 2023: 1,378
 - December 2024: 1,420
 - The number of members of the Nagoya Section as of Dec. 2024 is as follows: (The numbers in parentheses are for 2023 from SAMIEEE.)
- Fellow: 29 (28)
- Senior Member: 114 (107)
- Member: 987 (979)
- Associate Member: 23 (28)
- Student Member: 267 (236)
- Total 1,420 (1,378)
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
 - Several student support activities such as the student research presentation awards in IEEE international conferences and the student awards for research work in local universities and Joint Congresses presentation have penetrated the society and positively attracted students to join the IEEE.
 - For encouraging Nagoya Section members to apply toward Fellow grade and Senior Member grade, an example of written application form as well as a letter of encouragement were posted on the Nagoya Section's Home Page and sent to Nagoya Section members by using a Japan Council mailing list service.

- Recruiting activities for IEEE membership were held at the sponsored and co-sponsored events.
- In March, emails requesting membership renewal were sent to members who had not renewed their IEEE membership (Arrears), urging them to renew their membership.
- In 2020, it was decided to award commemorative medals made by the Japan Mint to new Senior Members as part of efforts to increase Senior memberships in Japan, following the example set by activities in the Kansai Section. This initiative aimed to enhance membership retention and encourage an increase in Fellow memberships. The award ceremony was held in December 2024.
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B.2 Chapter Activities

- Total number of Chapters in the Section: 4
- Number of Chapters formed in the current year: 0
- Number of active Chapters: 4
- Summary of Chapter activities (Chapter wise with attachment table/information)
- IEEE Antennas and Propagation Society (AP-S) Nagoya Chapter
 - Technical Meetings
 - Student Presentation (Midland Student Express 2024 Spring) [Organizer] •Date: Monday, April 22, 2024 •Venue: Nagoya International Center •Organizer: IEEE MTT-S/AP-S Nagoya Chapter •Number of presentations: 16 •Number of attendees: 26
 - IEEE AP-S Nagoya Chapter Special Lecture [Co-host] •Date: Thursday, November 14, 2024 •Venue: Kanazawa Chamber of Commerce and Industry •Speaker: Nobuyoshi Kikuma (Nagoya Institute of Technology) •Title: 40 Years of Fascination with the Matrix •Co-organizer: The Institute of Electronics, Information and Communication Engineers Technical Committee on Antenna and Propagation • Number of attendees: 50 (under confirmation)
 - Student Presentation (Midland Student Express 2024 Autumn) •Date: Friday, December 20, 2024 •Venue: Toyohashi University of Technology •Organizer: IEEE AP-S/MTT-S Nagoya Chapter •Co-organizer: IEICE Microwave Technical Group • Number of presentations: 15~20 •Number of attendees: Decided
 - IEEE AP-S Nagoya Chapter Special Lecture [Co-host] •Date: Thursday, February 20, 2025 •Venue: Toyohashi University of Technology •Speaker: Hiroki Shoki (Toshiba) •Title: TBD •Co-organizer: The Institute of Electronics, Information and Communication Engineers Technical Committee on Antenna and Propagation • Number of attendees: Decided
 - Cooperation
 - 2024 International Workshop on Antenna Technology (iWAT) •Date: Monday, April 15, 2024 ~ Thursday, April 18, 2024 •Venue: Tohoku University, Katahira Campus • Organizer: IEEE Antennas and Propagation Society
 - The 22nd Wireless Power Transfer Contest •Date: Thursday, December 12, 2024 • Venue: Kanazawa Institute of Technology •Organizer: The Institute of Electronics, Information and Communication Engineers (IEICE) Technical Committee on Wireless Power Transmission
 - Chapter award
 - IEEE AP-S Nagoya Chapter Midland Student Express Award, Monday, April 22, 2024, for planning for the acquisition and development of young people.
 -
- IEEE Magnetics Society (MAG-S) Nagoya Chapter
 - Technical Meetings

- IEEE Magnetics Society Nagoya Chapter Young Scientist, January 30-31, 2024, Gero Onsen Yamagataya, Number of presentations: 17, Number of attendees: 31
 - IEICE Magnetic Recording Information Storage Workshop / IEEJ Magnetics Technical Group /IEEE Magnetics Society Nagoya Chapter, March 8, 2024, Nagoya University and online, Number of Presentations: 6, Number of attendees: 30
 - Japan Magnetics Society Spintronics Technical Meeting, November 20, 2024, Nagoya University and online, Number of presentations: 6, Attendees: 43
 - Cooperation
 - The 9th Iwasaki Conference (Organized by the Institute of Magnetism, Japan), May 17-18, 2024, Federation Hall and online, Zoom Meeting Attendance: 65
 - Japan Magnetics Society of Japan (Organizer: Japan the Magnetics Society of Japan), November 18, 2024, Waim Ochanomizu and online, Zoom Meeting Attendance: 48
 - IEEE Distinguished Lecturer Lecture Meetings
 - Speaker: Prof. Satoru Emori (Virginia Tech), Title: Pumping Iron: Revealing Counterintuitive Mechanisms of Magnetization Dynamics, June 20, 2024, Nagoya University, Attendance: 35
 - Speaker: Prof. S.N. Piramanayagam (Nanyang Technological University), Title: Brain-Inspired Computing Using Magnetic Domain Wall Devices, October 2, 2024, Nagoya University, Attendance: 32
 - Non-technical meetings
 - IEEE Magnetics Society Domestic Chapter, Director of the Magnetics Society of Japan, Japan, and The Korean Magnetics Society Meeting, September 24, 2024, Mugendo Omachi Main Store
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- IEEE Microwave Theory and Techniques Society (MTT-S) Nagoya Chapter
 - Meetings and events
 - Midland Student Express 2024 Spring, April 22, 2024, Nagoya International Center, Attendance: 23 (including 9 IEEE members)
 - 2024 IEEE MTT-S Japan Young Engineer Award Ceremony, November 28, 2024 Pacifico Yokohama, Number of attendees: 33 (including 29 IEEE members)
 - Cooperation
 - Microwave Technical Meeting (Organizer: IEICE Microwave Technical Group)
 - Date/Venue: May 16-17, 2024, Osaka University Toyonaka Campus: 10
 - Date/Venue: June 13-14, 2024, Number of announcements by the Hachijo Town Chamber of Commerce and Industry: 12
 - Date/Venue: July 11-12, 2024, Otaru Civic Hall (co-organizer) Number of presentations: 54
 - Date/Venue: September 19-20, 2024, Takamatsu Chamber of Commerce and Industry (co-organizer) Number of presentations: 14
 - Date/Venue: October 17-18, 2024, Akita Art Village Onsen Yupopo (co-organizer) Number of presentations: 35
 - Date/Venue: November 14-15, 2024, JA Kumejima Ali Yuntakukan Number of presentations: 21
 - The 15th Annual Meeting of the Japan Society of Electromagnetic Energy Applications, May 24, 2024, Number of Online Attendees: 39 (including 1 IEEE Member)
 - The 5th Global Congress Microwave Energy Applications (5GCMEA 2024), July 22-25, 2024, Kyushu University Attendance: 292

- Thailand-Japan Microwave (TJMW) 2024, 2-4 October 2024 King Mongkut's University of Technology, North Bangkok (KMUTNB), Thailand, Number of Speakers: 46
 - Chapter awards
 - IEEE MTT-S Nagoya Chapter and AP-S Nagoya Chapter Student Award, April 22, 2024.
 - IEEE MTT-S Japan Young Engineer Award / Michiyuki Uenohara Memorial Award, November 28, 2024
 -
- IEEE Intelligent Transportation Systems Society (ITS-S) Nagoya Chapter
 - Meetings and events
 - ITSS Nagoya Chapter 2023 2nd Lecture, Saturday, December 23, 2023, Nagoya University and Online, Attendance: 10 on-site + remote
 - ITSS Nagoya Chapter 2024 1st Lecture, Monday, August 26, 2024, Meijo University, Attendance: 41 (13 IEEE members)
 - ITSS Nagoya Chapter 2024 2nd Lecture, Monday, December 9, 2024, Nagoya University
 - IEEE Milestone Ceremony, Thursday, October 30, 2024, Toyota Motor Corporation
Participants: IEEE Japan Council, IEEE officials, Toyota Motor Corporation officials, etc.
 - Chapter awards
 - ITSS Nagoya Chapter 2003 Young Scientist Award Ceremony, Saturday, December 23, 2023, Nagoya University.
 - Non-technical meetings:
 - ITSS Nagoya Chapter 2003 Annual Meeting, Saturday, December 23, 2023, Nagoya University National Innovation Complex (NIC) 3rd Floor Conference Room
 - ITSS Nagoya Chapter Executive Meeting, Thursday, April 11, 2024, Online
 - IEEE Nagoya Section 2024 1st Board Meeting, Saturday, April 13, 2024, Online
 - IEEE Nagoya Section 2024 2nd Board Meeting, Saturday, July 27, 2024, Nagoya Institute of Technology / Online
 - ITSS Nagoya Chapter Executive Meeting, Monday, September 9, 2024, Online
 - ITSS Nagoya Chapter Executive Committee, Friday, October 25, 2024
 - Cooperation
 - IEEE Distinguished Lecturer Lecture Meetings
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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

- [Organized and co-sponsored events]
 1. IEEE Nagoya Branch Robot Competition, Date: Sunday, March 24, 2024, Venue: Nagoya Institute of Technology
 2. 2024 Tokai Branch Annual Meeting of the Japan Society of Electrical and Information Engineers, Date and Time: August 28 (Wed) ~ 29 (Thu), 2024, Venue: Gifu University
 3. 2024 Hokuriku Branch Annual Meeting of the Japan Society of Electrical and Information Engineers, Date: Saturday, September 14, 2024, Venue: Kanazawa Institute of Technology (online)

4. Toyota Prius IEEE Milestone Presentation Ceremony, Commemorative Lecture, and Unveiling Ceremony, Wednesday, October 30, 2024, Venue: Toyota Motor Corporation Hall
- [Sponsored Events]
 1. 2023 The 6th Information Processing Society of Japan Tokai Branch Lecture, Date & Time: Wednesday, January 24, 2023, 16:30~17:30, Venue: Toyohashi University of Technology & Online, Organizer: Information Processing Society of Japan Tokai Branch
 2. The 24th Tokai 3 University Joint Master's Thesis Presentation Date: Saturday, February 10, 2024, Venue: Toyohashi University of Technology, Organizers: Toyohashi University of Technology, Wireless Communication Laboratory (Uehara Laboratory), IEICE Tokai Branch
 3. Date: February 18 (Sun) and 19 (Mon), 2024 Venue: Hikajima Community Center, Organizer: Tokai Branch of the Japan Society for Fuzzy Intelligent Informatics
 4. IEEJ Tokai Branch Young Seminar "Information Communication and Signal Processing for the Realization of a Super Smart Society" 2nd for 2024, Date & Time: Wednesday, February 28, 2024, 14:00~17:00, Venue: Online, Organizer: The Institute of Electrical Engineers of Japan Tokai Branch
 5. The 4th Energy Systems Symposium, Date & Time: Friday, March 22, 2024, 13:30~16:30, Venue: ES Hall, ES General Building, Higashiyama Campus, Nagoya University, Organizer: Institute for Materials and Systems for the Future, Nagoya University
 6. 2024 1st Information Processing Society Tokai Branch Lecture Date & Time: Thursday, May 16, 2024, 16:10~17:40 Place: Mt. Rubra, Organizer: Information Processing Society of Japan Tokai Branch
 7. The 56th Tokai Fuzzy Seminar, Date: August 5 (Mon) and 6 (Tue), 2024, Venue: Gamagori City, Aichi Prefecture (Media Hall, Sea of Life Science Museum), Organizer: Tokai Branch of the Japan Society for Fuzzy Intelligence and Japan
 8. Information and Communications Frontier Seminar, Date & Time: Tuesday, August 27, 2024, 13:30~16:35, Venue: NITech Hall, Nagoya Institute of Technology, Organizers: Tokai Communications Bureau, Ministry of Internal Affairs and Communications, Nagoya Institute of Technology, Tokai Information and Communications Roundtable
 9. The 5th Energy Systems Symposium, Date & Time: Friday, September 13, 2024, 13:30~16:30, Venue: Nagoya University, Higashiyama Campus, IB Electronics Information Center, Large Lecture Room, Host: Nagoya University Institute for Future Materials and Systems
 10. The 20th Nagoya University Homecoming Day / The 3rd Public Lecture Date and Time: Saturday, October 19, 2024, 14:00~16:00, Venue: Nagoya University, Higashiyama Campus, IB Electronics Information Center, Central Building, 1st Floor, 015 Lecture room, Host: Nagoya University Institute for Future Materials and Systems
 11. 2024 The 4th Information Processing Society of Japan Tokai Branch Lecture Date and Time: Friday, October 25, 2024, 16:00~17:30, Venue: Aichi Prefectural University, Satellite Campus & Online Organizer: Information Processing Society of Japan Tokai Branch
 12. Study Group 2024 Fall, Date & Time: Saturday, November 2, 2024, 13:00~15:00, Venue: Nagoya University, Higashiyama Campus, Faculty of Education Building, Lecture Room 1, Organizer: Tokai Branch of the Society for Fuzzy Intelligent Informatics Japan
 13. IEICE Tokai Branch Student Lecture Date & Time: November 6, 2024 (Wed) 13:00 ~ Venue: Mie University Faculty of Engineering Lecture Room No. 28 Hosted by IEICE Tokai Branch
 14. 2024 5th IPSJ Tokai Branch Lecture Date & Time: November 22, 2024 (Fri) 15:30~16:30 Place: Higashisakura Kaikan 1st Floor Meeting Room Organizer: Information Processing Society Tokai Branch
 15. Reiwa 6 IEICE Tokai Branch 2nd General Lecture (on-site) Date: December 9, 2024 (Mon) 15:30~16:30 Venue: Wink Aichi 1107 Room Organizer: The Institute of Electronics, Information and Communication Engineers Tokai Branch
 - [Society Chapter, Affinity Group Events]
 1. EA Lecture "Computing Technology Supporting Trusted AI Systems" Date: April 17, 2024 (Wed) 16:00~, Venue: Nagoya University IB Electronics Information Center, 9th floor, 917 Lecture Room, Organizer: IEEE EA
 2. Midland Student Express 2024 Spring, Date & Time: Monday, April 22, 2024, 13:00~17:00, Venue: Nagoya International Center Conference Room 1, Organizer: IEEE MTT-S/AP-S Nagoya Chapter
 3. IEEE Japan YP Study Lab 2024 in Sendai, Date & Time: Saturday, May 18, 2024, 10:30~16:30, Venue: Tohoku University, Aobayama North Campus, Graduate School of Information Science and Technology, Education and Research Building, Lecture Room: IEEE Sendai YP/ IEEE Kansai YP Cooperation: IEEE Nagoya YP

4. The 6th Doctoral Career Discussion - IEEE Japan YP Career Lab 2024 in Osaka -, Date: Sunday, November 10, 2024, Venue: Osaka Prefectural International Convention Center (Grand Cube Osaka) Conference Room 1202, Organizers: IEEE Kansai YP/IEEE Nagoya YP
5. Midland Student Express 2024 Autumn, Date & Time: Friday, December 20, 2024, 13:00~16:00, Venue: Toyohashi University of Technology, Lecture Building A, 3rd floor, A-306 (Toyohashi City) & Online, Organizer: IEEE MTT-S/AP-S Nagoya Chapter

B.4 Students Activities

- Total number of Student Branches in the Section: 3
- Number of Student Branches formed in the current year: 0
- Section level student activities (student congress, paper and other contests, awards etc)
 - IEEE Nagoya Section **Conference Presentation Awards** were given to 11 excellent students who presented research from April 1, 2023, until March 31, 2024.
 - IEEE Nagoya Section **Student Awards** were given to 5 excellent students who presented research in 2024 Tokai-Section Joint Conference on Electrical, Electronics, Information, and Related Engineering.
 - IEEE Nagoya Section **Student Awards** were given to an excellent student who presented research in Joint Conference of Hokuriku Chapters of Electrical and Information Societies 2024.
 - IEEE Nagoya Section **Young Researcher Awards** given to a young researcher under 35 years old.
 - IEEE Nagoya Section **Robot Competition** will be held on March 24, 2024.
- Number of active Student Branches: 2
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
 - Nagoya University Student Branch
 - 2024 1st Plenary Meeting, Date: March 18, 2024, Participants: 20, Contents: Activity report, member exchange, research presentation
 - 2024 1st Research Presentation Encouragement Workshop, August 9, 2024, Participants: 20, Contents: Research presentation, Preparation of Student Branch Leadership Training Workshop, IEEE R10 Students, Young Professionals, Women in Engineering and Life Members Congress
 - Student Branch Leadership Training Workshop and IEEE R10 Students, Young Professionals, Women in Engineering and Life Members Congress, August 29 - September 1, 2024, Number of participants: 2, Contents: Lectures, event reports, cultural exchanges
 - 2024 Second Plenary Meeting, October 7, 2024, Number of participants: 16, Contents: Activity reports, research presentations, reports of Student Branch Leadership Training Workshop and IEEE R10 Students, Young Professionals, Women in Engineering and Life Members Congress
 - 2024 2nd Research Presentation Encouragement Workshop, November 19, 2024, Number of participants: 21, Content: Research Presentation, reports of Student Branch Leadership Training Workshop and IEEE R10 Students, Young Professionals, Women in Engineering and Life Members Congress
 - 2024 3rd Plenary Meeting, Date: December 24, 2025, Number of participants: 30, Contents: Activity report, research presentation, election of the next officer
 - University of Fukui Student Branch
 - University of Fukui SB Members' Reception, Date and time: April 16, 2024, Number of participants: 5, Description: Briefing session for new members on University of Fukui SB activities Deepen friendship among members

- SBLTW2024, August 29, 2024, Number of participants: 2, Description: Attendance at SBLTW2024 (Chairs and Vice Chairs)
- Lecture on IEEE University of Fukui SB in seminar, Date and time: October 17, 2024, Number of participants: 20, Description: Fukui for students from two laboratories who are doing research in the same room Lecture to get to know the University SB
- 2024 University of Fukui SB Takeover Meeting, Date and time: December 2024, Number of participants: 5, Description: Election of the next officer

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B.5 Affinity Group Activities

- Young Professional (YP) Affinity Group
 - Non-technical Meetings (e.g. Professional or Administrative)
 - The 6th Doctoral Career Talks - IEEE Japan YP Career Lab 2024 in Osaka [Organizer] Content: Interview about doctoral careers, Date and time: Sunday, November 10, 2024, Venue: Grand Cube Osaka (Osaka Prefectural International Conference Center) Remarks: Jointly hosted with Kansai YP, co-hosted by JC (planned)
 - 2nd meeting, Content: YP activities for the next fiscal year Meeting, Date and time: Sunday, December 1, 2024, at 6 p.m., Place: Around Nagoya Station
 - IEEE Young Professionals Online Information Session [Co-host], Content: Introduction of the activities of IEEE Young Professionals by each chapter, Date & Time: Wednesday, March 27, 2024, 18:00-19:30, Venue: Online, Participants: 18
 - Women In Engineering (WIE) Affinity Group
 - Participation in session of SYWL 2024 from 2024/8/29 to 2024/9/1, Panel Session: Working Together: Overcoming Obstacles and Celebrating Achievements in Engineering (45 minutes) from 13:30 on 8/30.
 -
 - Life Member Affinity Group (LMAG)
 - Board of Directors: 2 meetings (March 27, November 28)
 - Technical information lectures and roundtable discussions: 3 times (June 3, September 18, November 28)
 - (1) 6/3 (Mon) "Starting with a wonderful drama and then becoming an important cultural property" (Kazuhiro Osawa, Nagoya TV Tower Co., Ltd.)
 - (2) 9/18 (Wed) "The Story of Japan's Large Liquid Rocket" (Yukiki Nimura, Former Mitsubishi Heavy Industries, Ltd.)
 - (3) 11/28 (Thu) "Judgment System Using Lossy Data Received via Distributed Wireless Network" (Tadashi Matsumoto, Professor Emeritus, Japan Advanced University)
 - Tour & Lecture (Chubu Electric Power MIRAI Tower, June 3)
 - R10SYWL2024Tokyo, August 29th~September 1st, Olympic Memorial Youth Center, Matsumoto and Moriwaki from Nagoya LMAG participated.
 - Japan Council LMAG Chair Meeting, 3 times (February 1 (online), August 31 (face-to-face), December 9 (online))
 - R10LMAGMeeting 3 times (February 18th, September 28th, December 7th)
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B.6 Awards & Recognition Activities

- Award constituted by the Section

- IEEE Nagoya Section **Conference Presentation Awards** were given to 11 excellent students who presented research from April 1, 2023, until March 31, 2024.
- IEEE Nagoya Section **Student Awards** were given to 5 excellent students who presented research in 2024 Tokai-Section Joint Conference on Electrical, Electronics, Information, and Related Engineering.
- IEEE Nagoya Section **Student Awards** were given to an excellent student who presented research in Joint Conference of Hokuriku Chapters of Electrical and Information Societies 2024.
- IEEE Nagoya Section **Young Researcher Awards** given to a young researcher under 35 years old.
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- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year
 - None

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

- Newsletter (name and number of issues in the year)
 - No issues
- Home Page of the Section (give the URL and how often it is updated)
 - <https://iee-jp.org/section/nagoya/>
 - Updating about every event.
- Other means of contacts with Section members including social media
 - Mailing lists are available for section officers, executive committees, LMAG and YP core members.
 - Mailing lists service by Japan Council is available for announcements of section annual meetings, encouragement of application to Senior Member and Fellow grade, call for award applications and technical activities.
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B.8 Industry Relations

- Membership growth and retention
 - IEEE Nagoya Section sends request e-mails for new membership and retention of IEEE membership to all the members and non-renewal members, respectively, in February and April. However, when student members enter industry, unfortunately some of the members leave the IEEE.
 - Membership recruitment brochures are distributed to attendees when technical meetings are organized/cooperated by IEEE Nagoya Section.
 -
- Activities for/with industrial members
 - Chapter activities in Section B.2 and technical meetings in Section B.3 are held for industrial members as well as for academic members.

B.9 Humanitarian Technology Activities

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.
 - None
- SIGHT Activities
 - None

B.10 Community Activities

- IEEE Social activities (Family Day, IEEE day, Engineers Week)”
 - None

PART C - OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved
 - None
- Funding secured from the IEEE and external sources including sponsorships
 - None

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

- Nature of relationship and details of any formal agreement signed
 - Two annual activities are sponsored by IEEE Nagoya Section together with national societies. Around 20 activities organized by national societies are financially/technically cooperated by IEEE Nagoya Section.
 -
- Details of joint activities
 - Sponsored Activities

We have the following two joint activities every year:

 - (a) Joint Conference of Institutes related to Electrical, Electronics, and Information Engineering in Tokai Area
 - Sponsored together with IEEJ Tokai Branch, IEICE Tokai, IPSJ Tokai Branch, ITE Tokai, IEIJ Tokai, IEIEJ Chubu, and ASJ (Acoustical Society of Japan) Tokai Chapter
 - IEEE Nagoya Section Student Awards are given to several students every year in this conference.
 - (b) Joint Conference of Institutes related to Electrical, Electronics, and Information Engineering in Hokuriku Area
 - Sponsored together with IEEJ Hokuriku Branch, IEICE Hokuriku, IPSJ Hokuriku Branch, ITE Hokuriku, IEIJ Hokuriku, SICE Hokuriku, IEIEJ Chubu, ASJ (Acoustical Society of Japan) Hokuriku Chapter, and JSMBE (Japanese Society for Medical and Biological Engineering) Hokuriku
 - Cooperation Activities

Several activities such as lectures, symposiums, and meetings organized by local national societies, e.g., IEICE Tokai, IPSJ Tokai Branch, SOFT (Japan Society for Fuzzy Theory and Intelligent Informatics) Tokai Branch, are held in cooperation with IEEE Nagoya Section.
 -
- Benefit to IEEE members (for example discounts, access to technical information etc.)
 - Discounts of registration fees
 - Access to technical information
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- Benefit to Section (for example help in membership development, venue facilities, cost saving etc.)
 - Help in membership development by distributing the IEEE membership recruitment brochures to attendees.
 - Cost saving by cooperation.
 - Improvement of IEEE’s familiarity
 -

C3. Collaboration with other IEEE Sections

- Support extended to neighboring Sections
 - IEEE Nagoya Section collaborates with the other IEEE Sections in Japan through IEEE Japan Council (JC).
 -
- Joint activities with any other Section
 - Nagoya Section Young Professionals (YP) Affinity Group is co-organizing Career Building Essay Contest with IEEE Japan Council (JC), Tokyo Section YP, Kansai Section YP and WIE Affinity Groups.
 - Nagoya Section Women in Engineering (WIE) organized an online meeting with other WIE.
 - Nagoya Section Student Branch (SB) is collaborating with Student Branch of other sections joining SBLTW.
 -

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

- Support extended for organising technical, educational and professional activities
 - Several activities organized by society chapters within IEEE Nagoya Section are financially supported by IEEE Nagoya Section.
 -
- Joint activities for membership development
 - When the above activities are held, an announcement of cooperation with IEEE Nagoya Section is made by the society chapters.
 -
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section
 - None

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

- None.

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

- Fortunately, IEEE has been holding a good status of membership retention. However, many national societies are facing the decrease of members these years.
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PART D - GOALS AND PLANS

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

- Enhancing the activities of Student Branches.
- Increasing the membership.
- Nominations of members for Senior Member and Fellow of the Institute.
- Organizing technical lectures and symposiums, workshops on topics of interest, in some cases in collaborations with other institutes.
- Providing better services to the members.
- Supporting activities of young members.

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D.2 Goals and Future Plans

- Establishing joint chapters
- Establishing new chapters
- Establishing new student branches
- Application for IEEE Milestone

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

- None.

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

- None.