

Shikoku Section Report

PART A - SECTION SUMMARY

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

- Section Executive Committee Member List
 - Chair: Yuichi Tanji (Kagawa University)
 - tanji.yuichi@kagawa-u.ac.jp
 - Vice Chair: Yukio Mitsuyama (Kochi University of Technology)
 - mitsuyama.yukio@kochi-tech.ac.jp
 - Secretary: Ken'ichi Fujimoto (Kagawa University)
 - fujimoto.kenichi@kagawa-u.ac.jp
 - Treasurer: Koji Ishii (Kagawa University)
 - ishii.koji@kagawa-u.ac.jp
 - Membership Development Chair: Tomohiro Kubo (Tokushima University)
 - kubotomo@tokushima-u.ac.jp
 - Student Activity Chair: Koji Kinoshita (Ehime University)
 - kinoshita@cs.ehime-u.ac.jp
 - Nominations Activities Chair: Kiminori Matsuzaki (Kochi University of Technology)
 - matsuzaki.kiminori@kochi-tech.ac.jp
 - Professional Activities Chair: Toshiyuki Uto (Ehime University)
 - uto@cs.ehime-u.ac.jp
 - Past Chair: Tetsushi Ueta (Tokushima University)
 - ueta@tokushima-u.ac.jp
- Section Highlights
 - This section held 1 technical convention, 18 technical meetings, and 7 lectures for student education including chapter activities
 - This section provided a support letter for the IEEE Milestone nomination of Gennai Hiraga's Erekiteru, Japan's first electrostatic generator, developed in 1776. The Erekiteru, currently housed at Hiraga Gennai Memorial Museum in Sanuki City, Kagawa Prefecture, has been officially recognized as an IEEE Milestone.
 - This section prepared an extraordinary budget for IEEE R10 SYWL Congress 2024 at Tokyo and dispatched a total of eight IEEE members from WIE, HSF YP, and SB to the congress.
- Major Events (International, National)
 - SJCIEE 2024: 2024 Shikoku-section Joint Convention of the Institutes of Electrical and Related Engineers (National)
- Major Chapter Activities
- Major Student and Affinity Group Activities
- Awards

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

- Summary (as per submitted on NetSuite)
 - Carryover Balance 4,538,569 Yen
 - Income 1,024,558 Yen
 - Expense 1,164,123 Yen
 - Total Balance 4,399,004 Yen
- Any other financial activities

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.

- 206 (Sep. 21, 2024)
- 226 (Sep. 23, 2023)
- 212 (Sep. 24, 2022)
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
 - [Annual General Meetings]
 - Sep. 21, 2024, Tokushima University in Tokushima (Attendance: 12, attendance by proxy: 14, totally 22)
 - [Administrative Meetings]
 - (1) Jan. 16, 2024
 - 1st Section Executive Committee Meeting (Online) (Attendance: 8)
 - (2) Jan. 23, 2024
 - 2nd Section Executive Committee Meeting (by e-mail)
 - (3) Jan. 24, 2024
 - 3rd Section Executive Committee Meeting (by e-mail)
 - (4) Mar. 30, 2024
 - 4th Section Executive Committee Meeting (by e-mail)
 - (5) Apr. 8, 2024
 - 5th Section Executive Committee Meeting (by e-mail)
 - (6) May 9, 2024
 - 6th Section Executive Committee Meeting (by e-mail)
 - (7) May 22, 2024
 - 1st Executive Committee Meeting of SJCIEE 2024 (Online)
 - (8) Jun. 20, 2024
 - 7th Section Executive Committee Meeting (by e-mail)
 - (9) Aug. 26, 2024
 - 8th Section Executive Committee Meeting (by e-mail)
 - (10) Aug. 30, 2024
 - 2nd Executive Committee Meeting of SJCIEE 2024 (by e-mail)
 - (11) Sep. 21, 2024
 - 9th Section Executive Committee Meeting in Tokushima Univ. (Attendance: 6)
 - (12) Sep. 30, 2024
 - 10th Section Executive Committee Meeting (by e-mail)
 - (13) Oct. 30, 2024
 - 11th Section Executive Committee Meeting (by e-mail)
 - (14) Nov. 13, 2024
 - 12th Section Executive Committee Meeting (by e-mail)
 - (15) Dec. 20, 2024
 - 3rd Executive Committee Meeting of SJCIEE 2024 (Online)
 - [Technical Meetings]
 - (1) Forum for Next Generation Light in Tokushima, 2024
 - Date: Jan. 20, 2024
 - Place: Tokushima University
 - Attendance: Members & Guests: 110
 - (2) Cyber Security Symposium in Dogo, 2024
 - Date: Mar. 8, 2024
 - Place: Ehime University
 - Attendance: Members & Guests: 1,096
 - (3) 2024 Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers
 - Date: Sep. 21, 2024
 - Place: Tokushima University, Tokushima
 - Attendance: Members & Guests: 263 (including IEEE member speakers: 21)

B.2 Chapter Activities

- Total number of Chapters in the Section
 - 1 (CAS)
 - 1 (EMB Joint Chapter with Fukuoka and Hiroshima Sections)

- Number of Chapters formed in the current year
 - 0
- Number of active Chapters (Chapters who have reported required number of meetings during the year)
 - 2
- Summary of Chapter activities (Chapter wise with attachment table/information)
CASS Shikoku Chapter

15 Technical Meetings

1. CASS Shikoku Chapter Student Design Competition
 - Date: Jan. 24-25, 2024
 - Place: Tokushima University
2. IEEE Workshop on Nonlinear Signal Processing (NSP'24)
 - Date: Feb. 8, 2024
 - Place: Online
3. Invited Lecture by Prof. Donald Lie
 - Date: Apr. 10, 2024
 - Place: Tokushima University
4. IEEE CASS Shikoku Chapter YP and Student Members Meeting
 - Date: Jun. 23, 2024
 - Place: Tokushima University, Japan
5. IEEE CASS Shikoku Workshop on Circuit and Systems
 - Date: Jul. 22-23, 2024
 - Place: Shikoku University
6. 2024 Taiwan and Japan Conference on Circuits and Systems (TJCAS'24)
 - Date: Aug. 23–25, 2024
 - Place: Kumamoto University, Kumamoto, Japan
7. IEEE Tokushima-U & CASS SBC Meeting
 - Date: Sep. 30, 2024
 - Place: Tokushima University
8. IEEE CASS Workshop to Protect Shikoku Mountain Area Using CAS Technology
 - Date: Oct. 10–13, 2024
 - Place: Tokushima University & Kamiyama Cotton Field
9. IEEE Tokushima-U & CASS SBC Visit to Hiroshima Section
 - Date: Oct. 25, 2024
 - Place: Hiroshima Institute of Technology
10. Chapter Visit to CASS Egypt Chapter
 - Date: Nov. 12, 2024
 - Place: Nile University, Egypt
11. IEEE CASS Shanghai and Shikoku Chapters Joint Workshop on Circuits and Systems (SSJW'24)
 - Date: Nov. 23-24, 2024
 - Place: Shanghai Jiaotong University, China
12. IEEE Student Workshop in Tokushima
 - Date: Dec. 12, 2024
 - Place: Tokushima University
13. IEEE Workshop on Nonlinear Circuit Networks (NCN'24)
 - Date: Dec. 13–14, 2024
 - Place: Shikoku University
14. DEICAS World Tour 2024 "Love me, Love you" Japan Round
 - Date: Dec. 16–18, 2024
 - Place: Shikoku University
15. IEEE CASS Chiba Workshop on Circuits and Systems
 - Date: Dec. 26-28, 2024
 - Place: Chiba University

2 CASS-Sponsored Administrative Meetings

1. Chapter Executive Committee Meeting
 - Date: Jul. 31, 2024

- Place: Sakanaya-Dojo, Tokushima

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

[Technical Activities]

1. Summer School 2024 for Artificial Intelligence and Communication Network
Date: Aug. 6, 2024
Place: Kagawa University
Attendance: Guests (High-school students): 35

[Distinguished Lecture Programs]

1. IEEE Shikoku Section Lecture
Lecturer: Kazushi Okamoto (The University of Electro-Communications)
Title: Research on Data Science and Explainable AIs for Services
Date: Jan. 11, 2024
Place: Kochi University of Technology and Online
Attendance: Members: 4 and Guests: 71
2. IEEE Shikoku Section Lecture
Lecturer: Rika Mochizuki (NTT Human Informatics Laboratories)
Title: Emotional Communication Technology / Research on Human Color Perception Model
Date: Jan. 12, 2024
Place: Kochi University of Technology and Online
Attendance: Members: 4 and Guests: 64
3. IEEE Shikoku Section Lecture
Lecturer: Fukutaro Sakaguchi (Microsoft Corporation)
Title: The Latest Trends in Generative Ais Changing the World
Date: Jul. 17, 2024
Place: Kagawa University and Online
Attendance: Members: 8 and Guests: 68
4. IEEE Shikoku Section Lecture
Lecturer: Mamoru Tanaka (Sophia University)
Title: Basic Theory to Construct Large Language Models Using Circuit Analysis
Date: Jul. 24, 2024
Place: Kagawa University
Attendance: Members: 3 and Guests: 59
5. IEEE Shikoku Section Lecture
Lecturer: Hiroshi Murai (Yamaguchi University)
Title: Basic Principles of Diffusion Models and Application to Animal Physiology
Date: Dec. 4, 2024
Place: Kagawa University and Online
Attendance: Members: 1 and Guests: 89
6. IEEE Shikoku Section Lecture
Lecturer: Kazushi Okamoto (The University of Electro-Communications)
Title: Research on Data Science and Explainable AIs for Services
Date: Dec. 19, 2024
Place: Kochi University of Technology and Online
Attendance: Members: 4 and Guests: 75
7. IEEE Shikoku Section Lecture
Lecturer: Rika Mochizuki (NTT Human Informatics Laboratories)
Title: Emotional Communication Technology / Research on Human Color Perception Model
Date: Dec. 19, 2024
Place: Kochi University of Technology and Online
Attendance: Members: 3 and Guests: 74

B.4 Students Activities

- Total number of Student Branches in the Section
 - 2 (Tokushima University and Kagawa University)
- Number of Student Branches formed in the current year
 - 0
- Section level student activities (student congress, paper and other contests, awards etc)
 - English presentation brush-up seminars
 1. Kochi University of Technology
 - Date: Aug. 22, 2024
 - Lecturer: Masahiro Nagasaki (Kochi University of Technology)
 - Place: Kochi University of Technology
 - Attendance: Members: 1 and Guests: 5
 2. Kagawa University
 - Date: Sep. 20, 2024
 - Lecturer: Nick Fry (Kagawa University)
 - Place: Kagawa University
 - Attendance: Members: 6 and Guests: 10
 - Exchange meetings with non-member students
 1. Held at Kagawa University
 - Date: Sep. 20, 2024
 - Place: Kagawa University
 - Attendance: Members: 6 and Guests: 9
 2. Held at SJCIEE 2024
 - Date: Sep. 21, 2024
 - Place: Tokushima University
 - Attendance: Guests: 108
 - Financial support for student members presenting at international conferences
 - Number of supported students
 - 1

- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)
 - 0
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
 1. Recruitment of student members
 - Shikoku Section recommended the students who came to the student paper contest at Shikoku section Joint Convention of the Institutes of Electrical and related Engineers (SJCIEE) to be student members.

B.5 Affinity Group Activities

- Young Professional (YP)
- Women In Engineering (WIE)
- Life Member (LM)

B.6 Awards & Recognition Activities

- Award constituted by the Section
- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year

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

- Newsletter (name and number of issues in the year)
 - ◊ 0
- Home Page of the Section (give the URL and how often it is updated)
 - <https://www.ieee-jp.org/section/shikoku/>
 - ◊ (updated several times in a year)

- IEEE CAS Society, Shikoku Chapter:
 - ◇ <http://ieee-scas.is.tokushima-u.ac.jp/>
- IEEE EMBS Society, West Japan Chapter:
 - ◇ <https://ieee-jp.org/section/fukuoka/chapter/embwj/index.html>
- Other means of contacts with Section members including social media
 - ◇ E-mail: shikoku@listserv.ieee.org

B.8 Industry Relations

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

B.9 Humanitarian Technology Activities

- Humanitarian Technology related activities supported by the Section including collaboration with other OUs.
- SIGHT Activities

B.10 Community Activities

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

PART C - OTHERS

C.1 Special Events

- Please briefly describe the importance of special events and the outcomes achieved
- Funding secured from the IEEE and external sources including sponsorships

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

- Nature of relationship and details of any formal agreement signed
- Details of joint activities
 - A technical convention with IEEE, IEICE, IPSJ, IEIJ, ITE, SICE, and IEIEJ
- Benefit to IEEE members (for example discounts, access to technical information etc.)
- Benefit to Section (for example help in membership development, venue facilities, cost saving etc.)

C.3 Collaboration with other IEEE Sections

- Support extended to neighboring Sections
- Joint activities with any other Section

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

- Support extended for organising technical, educational and professional activities
- Joint activities for membership development
- Support extended for the formation of a Sub-section or transition of a Sub-section into a full Section

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

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

PART D - GOALS AND PLANS

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

Support extended for organizing technical, educational and professional activities

1. Committee Meetings

Some meetings

2. Annual Meetings

At Kochi University, Kochi

3. Technical Conference/Meetings

Technical Convention

2025 Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers at Kochi University, Kochi

Technical Meetings

Some meetings in cooperation with domestic societies in Japan

Some lecture meetings by experts

4. Membership Development

Encouragement of upgrade to senior members

Promotion of IEEE student membership

Cooperation with CAS Shikoku Chapter and EMB West Japan Chapter

5. Student Activities

Promotion of IEEE student membership

Encouragement of English presentation

6. Nominations

Support to upgrade fellow or senior Member

D.2 Goals and Future Plans

Our goal is to make the dissemination of IEEE Shikoku section using the Internet effectively and support the promotion of student branches activities.

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

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