

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
 - Held 6 technical meetings and 2 lectures for student education including chapter activities
 - IEEE Shikoku Section was established in November 1998, expecting its 25 years anniversary in 2023.
- Major Events (International, National)
 - SJCIEE 2023: 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 4,539,119 Yen
 - Income 903,020 Yen
 - Expense 929,631 Yen
 - Total Balance 4,539,119 Yen
- Any other financial activities

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
 - 226 (Sep. 23, 2023)
 - 212 (Sep. 24, 2022)
 - 219 (Sep. 25, 2021)
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
 - [Annual General Meetings]

- Sep. 23, 2023, YONDEN Shikoku Electric Power CO., Inc. in Kagawa (Attendance: 6, attendance by proxy: 16, totally 22)
- [Administrative Meetings]
- (1) Jan. 25, 2023
Section Executive Committee Meeting (Online)
 - (2) Apr. 28, 2023
Section Executive Committee Meeting (by e-mail)
 - (3) May 23, 2023
Section Executive Committee Meeting (by e-mail)
 - (4) May 30, 2023
Executive Committee Meeting of SJCIEE 2023 (Online)
 - (5) Jun. 13, 2023
Section Executive Committee Meeting (by e-mail)
 - (6) Aug. 7, 2023
Section Executive Committee Meeting (by e-mail)
 - (7) Aug. 11, 2023
Section Executive Committee Meeting (by e-mail)
 - (8) Aug. 19, 2023
Section Executive Committee Meeting (by e-mail)
 - (9) Aug. 30, 2023
Section Executive Committee Meeting (by e-mail)
 - (10) Sep. 1, 2023
Executive Committee Meeting of SJCIEE 2023 (by e-mail)
 - (11) Sep. 23, 2023
Section Executive Committee Meeting in Kagawa (Attendance: 5)
 - (12) Sep. 27, 2023
Executive Committee Meeting of SJCIEE 2023 (by e-mail)
 - (13) Nov. 20, 2023
Section Executive Committee Meeting (by e-mail)
 - (14) Dec. 1, 2023
Executive Committee Meeting of SJCIEE 2023 (Online)
 - (15) Dec. 27, 2023
Section Executive Committee Meeting (by e-mail)
- [Technical Meetings]
- (1) Cyber Security Symposium Dogo 2023
Date: June 29 – 30, 2023
Place: Matsuyama
Attendance: Members & Guests: 1,343
 - (2) 2023 Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers
Date: Sep. 23, 2023
Place: YONDEN Shikoku Electric Power CO., Inc., Takamatsu
Attendance: Members & Guests: 351 (including IEEE member speakers: 24)

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

16 Technical Meetings

1. CASS Shikoku Chapter Student Design Competition
 - Date: Jan. 14, 2023
 - Place: Online

2. Networking with other CASS Student Branch Chapters (with Tokyo City Univ)
 - Date: Jan. 20, 2023
 - Place: Online
3. IEEE Workshop on Nonlinear Signal Processing (NSP'23)
 - Date: Feb. 10, 2023
 - Place: Online
4. IEEE CASS Shikoku Workshop on Circuit and Systems
 - Date: Apr. 24-25, 2023
 - Place: Shikoku University
5. IEEE CASS Sapporo Workshop on Circuit and Systems
 - Date: Jul. 30 – Aug. 1, 2023
 - Place: Hokkaido University
6. Taiwan and Japan Conference on Circuits and Systems (TJCAS'23)
 - Date: Sep. 6–8, 2023
 - Place: National Yang Ming Chiao Tung University
7. Invited Lecture by Prof. Maciej Ogorzalek
 - Date: Sep. 10, 2023
 - Place: Tokushima University
8. IEEE CASS Workshop to Protect Shikoku Mountain Area Using CAS Technology
 - Date: Sep. 10–12, 2023
 - Place: Tokushima University & Togenkyo Iya Mountain Village
9. IEEE Day Event "Let us share experiences attending technical conferences"
 - Date: Oct. 8, 2023
 - Place: Tokushima University
10. SEA Student Branch Chapter Development Workshop in Singapore
 - Date: Nov. 18, 2023
 - Place: Paradox Singapore Merchant Court, Singapore.
11. Invited Lecture by Prof. Mamoru Tanaka
 - Date: Dec. 7, 2023
 - Place: Tokushima University
12. IEEE Workshop on Nonlinear Circuit Networks (NCN'23)
 - Date: Dec. 8–9, 2023
 - Place: Shikoku University
13. IEEE CASS Shanghai and Shikoku Chapters Joint Workshop on Circuits and Systems (SSJW'23)
 - Date: Dec. 11, 2023
 - Place: online
14. IEEE CASS Chiba Workshop on Circuits and Systems
 - Date: Dec. 14–16, 2023
 - Place: Chiba University
15. IEEE CASS Shikoku Chapter YP and Student Members Meeting
 - Date: Dec. 18, 2023
 - Place: Tokushima University
16. SEA Student Branch Chapter Development Workshop in Bandung
 - Date: Dec. 18–19, 2023
 - Place: Bandung Institute of Technology, Indonesia

2 CASS-Sponsored Administrative Meetings

1. Chapter Executive Committee Meeting
 - Date: Dec. 27, 2023
 - Place: Tokushima University

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

[Distinguished Lecture Programs]

1. IEEE Shikoku Section Lecture

- Lecturer: Fukutaro Sakaguchi (Microsoft Corporation)
 Title: AI Technology That Change The World and Microsoft's Efforts
 Date: Jul. 19, 2023
 Place: Online
 Attendance: Members & Guests: 41
2. IEEE Shikoku Section Lecture
 Lecturer: Roberto Barrio (Professor at University of Zaragoza)
 Title: Dynamics of excitable cells: neurons and cardiomyocytes
 Date: Aug. 30, 2023
 Place: Kagawa University
 Attendance: Members & Guests: 21
3. IEEE Shikoku Section Lecture
 Lecturer: Maciej Ogorzalek (Professor at Jagiellonian University)
 Title: Time-delay models in engineering
 Date: Sep. 10, 2023
 Place: Tokushima University
 Attendance: Members & Guests: 20
4. IEEE Shikoku Section Lecture
 Lecturer: Minoru Sakama (Tokushima University)
 Title: Optimization Problems in Design of Nuclear Fusion Reactor
 Date: Sep. 13, 2023
 Place: Kagawa University
 Attendance: Members & Guests: 6
5. IEEE Shikoku Section Lecture
 Lecturer: Mamoru Tanaka (Sophia University)
 Title: Learning on LC Circuits
 Date: Dec. 7, 2023
 Place: Tokushima University
 Attendance: Members & Guests: 24

B.4 Students Activities

- Total number of Student Branches in the Section
 - 2 (Kagawa University and Tokushima 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. Ehime University
 - Date: Sep. 5, 2023
 - Lecturer: Kei-ichi Endo (Ehime University)
 - Place: Ehime University
 - Attendance: Members & Guests: 11
 - 2. Kagawa University
 - Date: Sep. 20, 2023
 - Lecturer: Nick Fry (Kagawa University)
 - Place: Kagawa University
 - Attendance: Members & Guests: 15
 - Exchange meetings with non-member students
 - 1. Kagawa University
 - Date: Sep. 20, 2023
 - Place: Kagawa University
 - Attendance: Members & Guests: 15

Formulation of financial support guidelines for student members presenting at international conferences

- 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)

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)
- 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>
 - Tokushima University Student Branch Web site:
 - ◇ <http://ieee-sb.is.tokushima-u.ac.jp/>
- 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 IEEJ, IEICE, IPSJ, IEIJ, ITE, SICE, 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
 - 6 meetings
2. Annual Meetings
 - At Tokushima University, Tokushima
3. Technical Conference/Meetings
 - Technical Convention
 - 2024 Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers at Tokushima University, Tokushima
 - 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.