

Shikoku Section Report

PART A - SECTION SUMMARY

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

- Section Executive Committee Member List
 - Chair: Tetsushi Ueta (Tokushima University)
 - ueta@tokushima-u.ac.jp
 - Vice Chair: Yuichi Tanji (Kagawa University)
 - tanji.yuichi@kagawa-u.ac.jp
 - Secretary: Kazuhiko Kinoshita (Tokushima University)
 - kazuhiko@is.tokushima-u.ac.jp
 - Treasurer: Ryota Nishimura (Tokushima University)
 - nishimura@is.tokushima-u.ac.jp
 - Membership Development Chair: Hirohisa Aman (Ehime University)
 - aman@ehime-u.ac.jp
 - Student Activity Chair: Kazunori Ueda (Kochi University of Technology)
 - ueda.kazunori@kochi-tech.ac.jp
 - Nominations Activities Chair: Keiko Sato (Kagawa University)
 - sato.keiko@kagawa-u.ac.jp
 - Professional Activities Chair: Yukio Mitsuyama (Kochi University of Technology)
 - fujimoto@eng.kagawa-u.ac.jp
 - Past Chair: Masanori Hamamura (Kochi University of Technology)
 - mitsuyama.yukio@kochi-tech.ac.jp
- Section Highlights
 - Held 6 technical meetings and 4 lectures for student education including chapter activities
- Major Events (International, National)
 - SJCIEE 2021: Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers (National, online)
- 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)
 - Income 3,765,118 Yen
 - Expense 586,606 Yen
 - Balance 3,178,511 Yen
- Any other financial activities

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
 - 219 (Sept. 25, 2021)
 - 222 (Sept. 26, 2020)
 - 240 (Sept. 19, 2019)
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
- Campaign for upgrade to senior member. 6 members done.
- [Annual General Meetings]
- Sep. 25, 2021, Online (Attendance: 9, attendance by proxy: 12, totally 21)
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- [Administrative Meetings]
- (1) May 12, 2021
 - Executive Committee Meeting of SJCIEE 2021 (in Ehime University, Attendance: 21)
- (2) July, 2021
 - Executive Committee Meeting (by e-mail)
- (3) July, 2021
 - Executive Committee Meeting of SJCIEE 2021 (by e-mail)
- (4) Sep., 2021
 - Section Executive Committee Meeting (by e-mail)
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- [Technical Meetings]
- (1) Cyber Security Symposium Dogo 2021
 - Date: June 16-17, 2021
 - Place: Online
 - Attendance: Members & Guests: 1,097
- (2) 2021 Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers
 - Papers are published on the web.

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

11 Technical Meetings

- 1. 2nd Edition of the CASS Shikoku WiCAS Workshop Series with the CASS Chapters in Other Countries
 - Date: Jan. 13, 2021
 - Foreign Cooperation Chapter: CASS Tainan Chapter, Taiwan
 - Place: Online
- 2. IEEE Workshop on Nonlinear Signal Processing (NSP'21)
 - Date: Feb. 3, 2021
 - Place: Online
- 3. 3rd Edition of the CASS Shikoku WiCAS Workshop Series with the CASS Chapters in Other Countries
 - Date: Feb. 5, 2021
 - Foreign Cooperation Chapter: CASS Vancouver/Victoria Chapter, Canada
 - Place: Online
- 4. 4th Edition of the CASS Shikoku WiCAS Workshop Series with the CASS Chapters in Other Countries
 - Date: Mar. 8, 2021
 - Foreign Cooperation Chapter: CASS Costa Rica Chapter, Costa Rica
 - Place: Online
- 5. 5th Edition of the CASS Shikoku WiCAS Workshop Series with the CASS Chapters in Other Countries
 - Date: Mar. 29, 2021
 - Foreign Cooperation Chapter: CASS Switzerland Chapter, Switzerland
 - Place: Online
- 6. IEEE CASS and Tokushima Univ SBC Workshop
 - Date: Oct. 14, 2021
 - Place: Tokushima University

- 7. Dependability Workshop @ Matsuyama: DW@M 2021
 - Date: Nov. 11-12, 2021
 - Place: Progresso Event Room, Matsuyama
- 8. IEEE CASS Shikoku Chapter YP and Student Member Meeting
 - Date: Nov. 15, 2021
 - Place: Hybrid at Shikoku University
- 9. 2021 Taiwan and Japan Conference on Circuits and Systems (TJCAS'21)
 - Date: Nov. 20, 2021
 - Place: Online
- 10. IEEE CASS Shanghai and Shikoku Chapters Joint Workshop on Circuits and Systems (SSJW'21)
 - Date: Nov. 24, 2021
 - Place: Hybrid at Tokushima University
- 11. IEEE Workshop on Nonlinear Circuit Networks (NCN'21)
 - Date: Dec. 3-4, 2021
 - Place: Hybrid at Shikoku University

1 CASS-Sponsored Educational Meetings

- 1. IEEE CASS Shikoku Chapter Student Design Competition (1st Phase Competition of the 2020-2021 CASS SDC)
 - Date: Jan. 14, 2021
 - Place: Online

2 CASS-Sponsored Administrative Meetings

- 1. Chapter Executive Committee Meeting
 - Date: Oct. 18, 2021
 - Place: Hybrid at Tokushima University
- 2. Chapter Executive Committee Meeting
 - Date: Dec. 27, 2021
 - 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: Mamoru Tanaka (Sophia University)
 - Title: Machine Learning Circuit based on Gyrator Neuron
 - Date: Dec. 2, 2021
 - Place: Tokushima University
 - Attendance: Members & Guests: 40
2. IEEE Shikoku Section Lecture
 - Lecturer: Haruki Mizushina (Tokushima University)
 - Title: 3D Perception and Representation
 - Date: Dec. 17, 2021
 - Place: Online
3. IEEE Shikoku Section Lecture
 - Lecturer: Rika Mochizuki (NTT)
 - Title: Emotional Communication Technologies
 - Date: Dec. 2, 2021

Place: Online

4. IEEE Shikoku Section Lecture

Lecturer: Kazushi Okamoto (The University of Electro Communications)

Title: Data Science for Service and Research of Accountable AI

Date: Dec. 3, 2021

Place: Online

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)
 - 1. Kagawa University
 - Date: Sept. 9, 2021
 - Lecturer: Nick Fry (Kagawa University)
 - Place: Online
 - 2. Tokushima University
 - Date: Oct. 19, 2021
 - Lecturer: George Moreton (Tokushima University)
 - 3. Ehime University
 - Date: Sept. 1, 2021
 - Lecturer: Kei-ichi Endo (Ehime University)
 - Place: Online
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- 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.
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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)
 - <http://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:

- ◇ <http://www.ieee-jp.org/section/fukuoka/embwj/>
- ◇ Kagawa University Student Branch Web site:
- ◇ http://www.eng.kagawa-u.ac.jp/~ieee_kgw/
- Tokushima University Student Branch Web site:
 - ◇ <http://ieee-sb.is.tokushima-u.ac.jp/>
- Other means of contacts with section members
 - ◇ E-mail: shikoku@ieee.org
- Other means of contacts with Section members including social media

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.)

C3. 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 organizing 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

2022 Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers

at Tokushima University, Tokushima

Technical Meetings

Meetings in cooperation with domestic societies in Japan

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.