PART A - SECTION SUMMARY

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

- Section Executive Committee Member List
  Chair: Shinsuke Konaka (The University of Tokushima)
    konaka@ee.tokushima-u.ac.jp
  Vice chair: Hiroyuki Tarumi (Kagawa University)
    tarumi@ee.tokushima-u.ac.jp
  Secretary: Masatake Akutagawa (The University of Tokushima)
    makutaga@ee.tokushima-u.ac.jp
  Treasurer: Takahiro Emoto (The University of Tokushima)
    emoto@ee.tokushima-u.ac.jp
  Membership Development Chair: Hiroshi Kai (Ehime University)
    kai@cs.ehime-u.ac.jp
  Student Activities Chair: Hiroyuki Sawada (Kagawa University)
    sawada@eng.kagawa-u.ac.jp
  Nominations Activities Chair: Makoto Iwata (Kochi University of Technology)
    iwata.makoto@kochi-tech.ac.jp
  Professional Activities Chair: Yukinobu Hoshino (Kochi University of Technology)
    hoshino.yukinobu@kochi-tech.ac.jp
  Past Chair: Shinji Tsuzuki (Ehime University)
    tsuzuki@ee.ehime-u.ac.jp

- Section Highlights
  Held 19 technical meetings, 5 lectures for student education, 1 workshop (including chapter activities)
  - Student English presentation competition at a technical convention SJCIEE
  - Supported activities of student branches of Kagawa University and Tokushima University
  - IEEE Shikoku Section Kochi Student Group
  - Student branches meeting with IEICE at SJCIEE

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

- Summary (as per submitted L50)
  Income 2,498,474 Yen
  Expense 858,289 Yen
  Balance 1,640,185 Yen

PART B - ORGANIZATIONAL ACTIVITIES

[Annual General Meetings]
  Sep. 21, 2013, in Tokushima
  Attendance: 9, (attendance by proxy: 25)

[Administrative Meetings]
(1) Jan. 30, 2013
  Section Executive Committee Meeting (in Tokushima, Attendance: 6)
(2) Mar. 10, 2013
  Section Executive Committee Meeting (by e-mail, Attendance: 9)
(3) Apr. 12, 2013
  Section Executive Committee Meeting (by e-mail, Attendance: 9)
(4) May 1, 2013
  Section Executive Committee Meeting (by e-mail, Attendance: 9)
(5) May 30, 2013
  Executive Committee Meeting of SJCIEE (in Tokushima, Attendance: Member: 3, Guests: 15)
(6) Jun. 30, 2013
  Section Executive Committee Meeting (by e-mail, Attendance: 9)
B.1 Membership Development Activities

- Total number of active members in the past 3 years.
  - 281 (Feb. 18, 2014)
  - 302 (Dec 31, 2012)
  - 279 (Jan. 19, 2012)

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
  - 2
- Summary of Chapter activities chapter wise with attachment table / information
  - 5 meetings with CAS sponsorship
  - 10 meetings with CAS co-sponsorship
- Administrative Meetings
  (1) Aug. 28, 2013
    Chapter Executive Committee Meeting (in Tokushima, Attendance: 8)
  (2) Dec. 28, 2013
    Chapter Executive Committee Meeting (in Tokushima, Attendance: 9)

- Technical Meetings
  (1) IEICE Shikoku Section Lecture
    Lecturer: Rosa H.M. Chan (City University of Hong Kong)
    Title: Neural Prosthesis; Present and Future
    Date: Jul. 2, 2013
    Attendance: Members: 12, Guests: 75
  (2) IEICE Technical Workshop on MBE
    Date: Jul. 19, 2013
    Attendance: Members: 11, Guests: 72
  (3) IEICE Shikoku Section Lecture
    Lecturer: Xiuqin Wei (Fukuoka University, Japan)
    Title: Analysis of Class-E EER Transmitter Considering the Parasitic Effects of MOSFET
    Date: Jul. 27, 2013
    Attendance: Members: 17, Guests: 3
  (4) IEICE Shikoku Section Lecture
    Lecturer: Hiroo Sekiya (Chiba University, Japan)
    Title: Basics of Amplifiers for Communication Systems
    Date: Jul. 27, 2013
    Attendance: Members: 17, Guests: 3
  (5) IEICE Shikoku Section Lecture
    Lecturer: Donald Y.C. Lie (Texas Tech University, USA)
Title: Power-Efficient RF/Analog ICs and System Design for Wireless and Biomedical Applications  
Date: Aug. 1, 2013  
Attendance: Members: 23, Guests: 7

(6) IEEE CASS Shikoku Chapter GOLD and Student Member Meeting  
Date: Oct. 27, 2013  
Attendance: Members: 39, Guests: 5

(7) IEICE Technical Workshop on NLP  
Date: Oct. 28, 2013  
Attendance: Members: 60, Guests: 43

(8) IEICE Shikoku Section Lecture  
Lecturer: Mandalika Bala Srinivas (Birla Institute of Technology and Science, India).  
Title: Design of Low-Power, Reconfigurable ADCs.  
Date: Nov. 6, 2013  
Attendance: Members: 23, Guests: 7

(9) IEICE Shikoku Section Lecture  
Lecturer: Kwok Wo Wong (Hong Kong City University).  
Title: Error Correction in Arithmetic Coding.  
Date: Nov. 8, 2013  
Attendance: Members: 4

(10) IEEE CASS Shanghai and Shikoku Chapters Joint Workshop on Nonlinear Circuits and Systems (SSJW2013)  
Date: Nov. 24, 2013  
Attendance: Members: 12 Guests: 8

(11) IEEE Workshop on Nonlinear Signal Processing (NSP'13)  
Date: Nov. 30, 2013  
Attendance: Members: 25 Guests: 9

(12) IEEE Circuits and Systems Society DLP Lecture  
Lecturer: Geza Kolumban (Pazmany Peter Catholic University, Hungary)  
Title: Software Defined Electronics: A new research field for CAS Society  
Date: Dec. 4, 2013  
Attendance: Members: 30 Guests: 5

(13) IEICE Shikoku Section Lecture  
Lecturer: Tadashi Tsubone (Nagaoka University of Technology, Japan).  
Title: Theory and Future of Piecewise-Constant Dynamical Systems.  
Date: Dec. 12, 2013  
Attendance: Members: 29 Guests: 6

(14) IEEE Workshop on Nonlinear Circuit Networks (NCN'13)  
Date: Dec. 13, 2013  
Attendance: Members: 38 Guests: 30

(15) IEICE Shikoku Section Lecture  
Lecturer: Mamoru Tanaka (Sophia University, Japan).  
Title: Sound Creation from Chaotic Circuits.  
Date: Dec. 13, 2013  
Attendance: Members: 33 Guests: 25

B.3 Professional and Continuing Education Activities

[Technical Meetings]  
(1) Information Security Symposium in Dogo 2013  
Date: Feb. 28 - Mar. 1, 2013  
Attendance: Members: 10, Guests: 290

(2) IEEE Shikoku Section Professional Activity Workshop  
Title: The 9th Potluck and Workshop  
Date: Nov. 10, 2013  
Attendance: Members: 12 Guests: 39

(3) IEEE Shikoku Section Lecture  
Title: From the first generation Prius to the Lexus IS hybrid --- Development of hybrid vehicles, basic control and failsafe of the hybrid systems  
Speaker: Takehisa Yaegashi Date: Nov. 29, 2013  
Attendance: Members: 6 Guests: 20
B.4 Students Activities

- Total number of Student branches in the Section
  - 2 (Kagawa University and The University of Tokushima)
- Number of Student branches formed in the current year
  - 0
- Section level student activities (student congress, paper and other contests, awards etc)
  - Formed a student group in Kochi (IEEE Shikoku Section Kochi Student Group)
    - Total number of students: 12 students
  - (8 students in Kochi University of Technology, 4 students in Kochi University)
  - English presentation brush-up seminar
    - (1) Kochi University of Technology
      a. Brush up writing seminar I
        Date: Jun. 16, 2013
        Lecturer: Paul Daniels (Kochi University of Technology)
        Attendance: Members: 3, Guest: 11
      b. Brush up oral seminar I
        Date: Sep. 11, 2013
        Lecturer: Masahiro Nagasaki (Kochi University of Technology)
        Attendance: Members: 3, Guest: 1
      c. Brush up oral seminar II
        Date: Sep. 18, 2013
        Lecturer: Masahiro Nagasaki (Kochi University of Technology)
        Attendance: Members: 2, Guests: 2
    - (2) Ehime University
      Date: Nov. 27, 2013
      Lecturer: Heffernan Neil (Ehime University)
      Attendance: Members: 2, Guests: 18
    - (3) The University of Tokushima
      Date: Nov. 28, 2013
      Lecturer: Steve Toshihisa Fukuda (The University of Tokushima)
      Attendance: Member: 0, Guests: 2
- Recruitment of student members
  Shikoku Section recommended the students who entered the student paper contest at Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers (SJCIEE) to be student members.
- Student paper contest
  11 students who did excellent presentation (in Japanese) at SJCIEE were given “Best Presentation Award”. They were selected out of 331 students.
  1 IEEE student who did excellent presentation (in English) at SJCIEE was given “Best English Presentation Award”. They were selected out of 331 students.
  Further information is available at http://www.sjcieee.org/

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

- Home Page of the section (give the URL and frequency which it is updated)
  Section Home Page:
    - http://www.ieee-jp.org/section/shikoku/
  IEEE CAS Society, Shikoku Chapter:
    - http://iee-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://iee-sb.is.tokushima-u.ac.jp/
- Other means of contacts with section members
  E-mail: ieee.shikoku@gemini.ee.tokushima-u.ac.jp

PART C  - OTHERS
C.1 Relationship with National Societies

- Co-sponsorship for Technical meetings
  - Technical meetings (2)-(8), (10), (14)-(16) with IEICE
  - A technical convention with IEEJ, IEICE, IPSJ, IEIJ, ITE, SICE, IEIJ

- Co-sponsorship for Student branch exchange meetings with IEICE
  - 2 IEEE student branches, 1 Shikoku Section Student Group and 3 IEICE student branches

PART D - GOALS AND PLANS

D.1 Continuation of Project/Activity in Progress and Their Implementation Plans

- Committee Meetings
  - 4 meeting in June, August, September and December
  - 8 meetings by email
- Annual Meetings
  - Took place in September
- Technical Conference/Meetings
  - Technical Convention
    2013 Shikoku-section Joint Convention of the Institutes of Electrical and related Engineers in September 21, 2013 at The University of Tokushima
  - Technical Meetings
    Meetings in cooperation with national societies
- Membership Development
  - Encouragement of upgrade to senior members
  - Promotion of IEEE student membership
  - Cooperation with CAS Shikoku Chapter and EMB West Japan Chapter
- Student Activities
  - Promotion of IEEE student membership
  - Student branches meeting with IEICE
  - Encouragement of English presentation
- Nominations
  - Support to upgrade fellow or senior Member
- Professional Activities
  - IEEE Shikoku Section Professional Activity Workshop
    Title: The 9th Potluck and Workshop
    Date: Nov. 10, 2013
    Attendance: Members: 12 Guests: 39

D.2 Goals and Future Plans

- Our goal is making the dissemination of IEEE Shikoku section using the Internet effectively and supporting the promotion of student branches activities.