

## Region 10 Section Report Format

(Please replace above heading with your Section name)

*Please use the following format to submit your Section's annual report to Region 10. Please note that the annual reports are used for selecting the outstanding Sections in the region and reports submitted after the announced due date will not be considered for the award. Please do not include more than 3 photographs and preferably put them on additional pages attached to the report (please delete this paragraph in your report).*

### PART A - SECTION SUMMARY

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

- Section Executive Committee Member List
  - Chair: Ki-Ryong Kwon (Pukyong National University)
  - Vice Chair: Min-Soo Jung (KyungNam University)
  - Professional Activities: Won-Joo Hwang (Inje University)
  - Treasurer: Eung-Joo Lee (TongMyong University)
  - Secretary: Suk-Hwan Lee (TongMyong University)
  - International Committee: Kang-Hyun Jo (Ulsan University)
- Section Highlights: Inviting Talk for IoT and CPS(Cyber Physical Systems)
- Major Events (International, National)
  - Sponsored International Conference: MITA2014(Multimedia Information Technology and Application)
  - Sponsored Domestic Conference: Spring and Fall Conference
- Major Chapter Activities: Non
- Major Student and Affinity Group Activities: Non
- Awards:
  - Best Award of Changwon Section Chair: MITA2014 International Conference

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

- Summary (as per submitted L50)
- Any other financial activities

### PART B - ORGANIZATIONAL ACTIVITIES

#### B.1 Membership Development Activities

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

Active Members	2012	2013	2014
Number	346	342	353

- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
  - E-mail announcement for new IEEE membership
  - Sponsored International and Domestic conference

#### B.2 Chapter Activities: **No relevant items**

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

### (1) International Conference

- Sponsored of International Conference
- Date : 2014. 7. 8(Tue.)-11(Fri.)
- Attendee : Ki-Ryong Kwon (Chair), Eung-Joo Lee (Treasurer), Suk-Hwan Lee (Secretary), Won-Joo Hwang(Professional Activities), Young-Reol Choo(Member), Other Professor(Non-member), Graduate Students (110 Peoples)
- Location : HongKong, The HongKong University of Science and Technology(HKUST) **ence**
- MITA2014 –The 2014 International Conference on Multimedia Information Technology and Applications
- Sponsored by Korea Multimedia Society
- Advice and control directly through involvement of technical program
  - Join the conference organizing committee as one of the general conference chairs
  - Join the program committee members
  - Chair technical sessions of the conference
  - Encourage its members to submit papers and attend the conference
  - Assist in publicity service through its mailing lists and its official web site
  - Best Award of Students Papers: 2 papers



### (2) Technical seminar: Invited Talk

- Topic: CPS(Cyber Physical Systems)
- Date : 2014. 10. 2
- Attendee : Ki-Ryong Kwon (Chair), Suk-Hwan Lee (Secretary), Other Professor(Non-member), Graduate Students, Undergraduate Students (50 peoples)
- Presenter
  - (1) Won-Tae Kim (ETRI, Dr.)

Title: Software Platform of Large Scale CPS(Cyber Physical Systems)

(2) Suk-Hwan Lee (Chair, Treasurer)

Title: Introduction of Cyber Physical Systems



- Topic: IoT(Internet of Things)

- Date : 2014. 11. 10

- Attendee : Ki-Ryong Kwon (Chair), Suk-Hwan Lee (Secretary), Other Professors(Non-member), Graduate Students, Undergraduate Students (70 peoples)

- Presenter

(1) Ho-Won Kim (Pusan National University, Professor)

Title: Introduction of IoT Service

(2) Jun-Woo Lim (Qualcomm, Director)

Title: Internet of Everything: A New Growth Opportunity



- Topic: Weather Radar System

- Date : 2014. 11. 10

- Attendee : Ki-Ryong Kwon (Chair), Suk-Hwan Lee (Secretary), Other Professors(Non-member), Graduate Students, Undergraduate Students (70 peoples)

- Presenter

(1) Bong-Joo Jang (KICT, Dr.)

Title: Radar Data Projection and Visualization

(2) Sang-Hoom Lim (KICT, Dr. Director)

Title: KICT X-band dual polarization radar system and its application





### (3) Japan-Korea Joint Workshop

- Date : 2014. 10. 27-28
- Attendee : Ki-Ryong Kwon (Chair), Suk-Hwan Lee (Secretary), Won-Joo Hwang(Professional Activities), Other Professors(Non-member), Korean Graduate Students (20 Peoples), Japan Graduate Students (30 Peoples)
- Location : Busan Haeundae Beach Paradise Hotel
- JKCCS2014: Japan-Korea Joint Workshop on Complex Communication Sciences
- Co-organized by Korea Multimedia Society, IEICE in Japan, NetSci in Japan
- Advice and control directly through involvement of technical program
  - Join the conference organizing committee as one of the general conference chairs
  - Join the program committee members between Japan and Korea
  - Encourage its members to submit papers and attend the conference
  - Best Award of Students Papers: 5 papers



## B.4 Students Activities

- Total number of Student Branches in the Section

Active Members	2012	2013	2014
Number	72	67	87

- Number of Student Branches formed in the current year
- Section level student activities (student congress, paper and other contests, awards etc)
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)
- Summary of Student Branch activities (Student Branch wise with attachment table/information)

## B.5 Affinity Group Activities: **No relevant items**

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

## B.6 Awards & Recognition Activities

- Award constituted by the Section
  - [Best Award of Changwon Section Chair: MITA2014 International Conference](#)
- Award(s) received from R10
- Award(s) received from IEEE HQ

## 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)
- [Other means of contacts with Section members: E-mail](#)

## B.8 Industry Relations: **No relevant items**

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

## B.9 Humanitarian Technology Activities: **No relevant items**

## B.10 Community Activities: **No relevant items**

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

## PART C - OTHERS: **No relevant items**

### C.1 Special Events

### C.2 Relationship with National Societies

### 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

### 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**

- Joint Convergence Workshop of Korea Big 3 Society: Korea Multimedia Society, Korea Contents Society, Korea Smart Media Society
- International Conference on Uzbekistan in 2015 July.
- Joint Domestic Conference on humanities and Engineering Convergence.

## **D.2 Goals and Future Plans**

- Section Name Change: Changwon Section → Busan Section
  - ➔ Busan is 2<sup>nd</sup> largest Korea and Metropolitan City
  - ➔ Population: 4,000,000 peoples
  - ➔ University: 14 Universities and 8 Junior and Technical Colleges

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