

Taegu Section Report

PART A - SECTION SUMMARY

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

- Section Executive Committee Member List

Title	Name	Affiliation	Email
Chair	Don Seog Han	Kyungpook National University	dshan@knu.ac.kr
Treasurer	Jeehyun Kim	Kyungpook National University	jeehk@knu.ac.kr
Membership	Dongik Lee	Kyungpook National University	dilee@ee.knu.ac.kr

- Section Highlights
 - Open six joint workshop with automotive industry
 - Technical program with the Korean Institute of Communications and Information Sciences
 - Technical program with Korea Multimedia Society
- Major Events (International, National)
 - International event: Technical sponsor for international conference
The 20th Annual Joint Workshop between Peking University, Xidian University & Kyungpook National University: Oct. 18 ~ Oct. 21, Daegu, Korea
 - Technical sponsor for National conferences
Spring Conference for Korean Institute of Communications and Information Sciences, Daegu Section: Daegu, KNU, April. 16
Autumn Conference for Korea Multimedia Society: Daegu, KNU, Nov. 6~7
- Major Chapter Activities
 - Excom meetings: April 8, July 23, Sep. 30, Nov. 25
 - Collaboration with industry: Korea intelligent automotive parts promotion institute, Gyeongbuk Techo Park, Ajin, Hybus, Delphi Korea, Pixtree, etc
 - Technical sponsor for 1 international conference and 2 national conferences
 - Six technical workshops for IEEE Taegu Section members
- Major Student and Affinity Group Activities
Preparing open a student branch in Taegu section in 2016
- Awards
Student Best paper in Spring/Autumn conference of Korea Multimedia Society

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

- Summary (as per submitted L50)
No financial activities for incoming and expense
All activities were supported by Korean Institute of Communications and Information Sciences
No rebate in 2015 because our section did not satisfies the minimum requirements for 2014 report
- Any other financial activities

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

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

- 379 members

Associate member	11
Fellow	4
Graduate Student Member	125
Life Fellow	1
Member	181
Senior Member	26

Student Member	31
Total	379

- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
 - Organize Membership development committee (MDC) to increase membership activities
 - Open technical workshops for members
 - MDC reviewed the membership status and announced the status results on website (online) to Section members and Excom.

B.2 Chapter Activities




- Total number of Chapters in the Section : 1
- Number of Chapters formed in the current year : 1
- Number of active Chapters (Chapters who have reported required number of meetings during the year) : 1
- Summary of Chapter activities (Chapter wise with attachment table/information)
 - Meeting report summary of Chapter activities
 - (1) International event: Technical sponsor for international conference
The 20th Annual Joint Workshop between Peking University, Xidian University & Kyungpook National University: Oct. 18 ~ Oct. 21, Daegu, Korea
 - (2) Technical sponsor for National conferences
Spring Conference for Korean Institute of Communications and Information Sciences, Daegu Section: Daegu, KNU, April. 16
Autumn Conference for Korea Multimedia Society: Daegu, KNU, Nov. 6~7

Date	Title	Activities
Apr. 8	1st. Excom Meeting	1) Organization of Excom. 2) Plan for 2015 Section Activities 3) Preparing Spring Conf. for Korean Institute of Communications and Information Science, Daegu Section
Apr. 16	Spring Conference for Korean Institute of Communications and Information Sciences, Daegu Section (1 st Workshop on ICT & Automotive Convergence)	1) Presented papers with following topics: - Automotive radar systems - Low-power WLAN technology - Autonomous vehicle technologies - channel modeling for Vehicle-to-everything
May 21	2 nd Workshop on ICT & Automotive Convergence	1) Presented papers with following topics: - Visual Odometer and Location Recognition for ADAS - Estimation of Structure and Motion with Cameras and its Applications - Introduction of ROS(Robot Operating System)
June 18	3rd Workshop on ICT & Automotive Convergence	1) Presented papers with following topics: - Design of stereo matching hardware - Testbed for WAVE
July 23	2nd. Excom Meeting	1) Planning and check Taegu section activities
Aug. 26	4th Workshop on ICT & Automotive Convergence	1) Presented papers with following topics: - Model based testing - Tolerant system design and analysis - Evaluation of OS security for vehicle systems
Sep. 16	5th Workshop on ICT & Automotive Convergence	1) Presented papers with following topics: - Pedestrian safety for Euro NCAP - Security and the Connected Car: Secure Networks for V2X - Named Data Networks in Vehicular Communications
Sep. 30	3rd. Excom Meeting	1) Preparing the 20 th Annual Joint Workshop between Peking University, Xidian University & Kyungpook National University
Oct. 18~Oct. 21	The 20 th Annual Joint Workshop between Peking University, Xidian University & Kyungpook National University	1) Present papers regarding communications, control theory and semiconductors.
Oct. 28	6th Workshop on ICT & Automotive Convergence	1) Presented papers with following topics: - 3D Image Reconstruction with Multiple Sensors

		- Co-pilot technology - Perception and Navigation for Autonomous System
Nov. 6~7	Autumn Conference for Korea Multimedia Society	1) Present papers regarding multimedia technologies
Nov. 25	4th. Excom Meeting	1) Review Taegu Section activities in 2015 2) Plan for next year activities

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

Date	Title	Activities
Apr. 16	Spring Conference for Korean Institute of Communications and Information Sciences, Daegu Section (1 st Workshop on ICT & Automotive Convergence)	1) Presented papers with following topics: - Automotive radar systems - Low-power WLAN technology - Autonomous vehicle technologies - channel modeling for Vehicle-to-everything 
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		- Named Data Networks in Vehicular Communications
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Oct. 28	6th Workshop on ICT & Automotive Convergence	1) Presented papers with following topics: - 3D Image Reconstruction with Multiple Sensors - Co-pilot technology - Perception and Navigation for Autonomous System
Nov. 6~7	Autumn Conference for Korea Multimedia Society	1) Present papers regarding multimedia technologies

B.4 Students Activities

- Total number of Student Branches in the Section : No
- Number of Student Branches formed in the current year : No
- Section level student activities (student congress, paper and other contests, awards etc) : No
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year) : No
- Summary of Student Branch activities (Student Branch wise with attachment table/information)
 - No student branches.

B.5 Affinity Group Activities

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

B.6 Awards & Recognition Activities

- Award constituted by the Section
IEEE Taegu Section Student Best Papers in KMMS2015

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 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 : None

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
- 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

The workshop in ICT and Automotive Convergence will be continuously held in 2016 because there are lots of automotive parts companies in Daegu area

D.2 Goals and Future Plans

- (1) Establish student branch in Taegu section to improved student members
- (2) Improve members from industry in Taegu section

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