

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
2015 Board
Chair: Man Chung Wong
Vice Chair: Chi Kong Wong
Secretary: Chi Seng Lam
Treasurer: Jianqing LI
- Section Highlights
 - Reinforcement/Establishment of collaborative relationship with local associations, Government and companies
 - Technical Support and comments to Macau Government for engineer registration system;
 - Joint Activities with Local Associations
 - SOE Macau;
 - Worker Association of CEM and Macau Water;
 - Macau Science and Technology Association;
 - Macau Facility and Management Association;
 - Macau Health Association;
- Major Events (International, National)
IEEE TENCON 2015 Preparation
- Major Chapter Activities
 - Seminars;
- Major Student and Affinity Group Activities
 - Final Year Project Competition
 - University of Macau Student Branch
 - Macau University Science and Technology Student Branch
 - WIE
 - Gathering
- Awards
NA

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

IEEE : Region 10 : Region 10 MOP

Balance Sheet

End of FY 2014

Financial Row	Amount
Current Assets	
Bank	
70302 - Banco Nacional Ultramarino MACAU	MOP\$139,128.57
Total Bank	MOP\$139,128.57
Total Current Assets	MOP\$139,128.57
Current Assets Less Current Liabilities	MOP\$139,128.57
Total Assets Less Current Liabilities	MOP\$139,128.57
Long Term Liabilities	
74246 - Reserve Allocation Payable	MOP\$4,499.47

Financial Row	Amount
Total Long Term Liabilities	MOP\$4,499.47
Total Assets Less Total Liabilities	MOP\$134,629.10
Capital and Reserves	
Retained Earnings	MOP\$108,019.50
Net Income	MOP\$26,609.60
Total Capital and Reserves	MOP\$134,629.10

IEEE
IEEE : Region 10 : Region 10 MOP
Profit and Loss
From Jan 2014 to Dec 2014

Financial Row	Amount
Sales	
2.10 - Meetings & Social Events	MOP\$55,397.30
2.50 - Conference Revenue	MOP\$40,786.90
2.80 - Student Activities	MOP\$28,786.02
3.10 - Rebate from IEEE HQ	MOP\$33,518.82
Total - Sales	MOP\$158,489.04
Gross Profit	MOP\$158,489.04
Overheads	
4.10 - Meetings & Social Events Expense	MOP\$112,026.40
4.80 - Student Activities Expense	MOP\$18,244.60
6.20 - Other Expenses	MOP\$675.00
7.00 - Reserve Allocation Expense	MOP\$933.44
Total - Overheads	MOP\$131,879.44
Operating Profit	MOP\$26,609.60
Net Profit/(Loss)	MOP\$26,609.60

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

- Total number of active members in the past 3 years.
 - 30~50
- Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members
 - Technical Seminars
 - Student Membership Subsidy Financial Support

B.2 Chapter Activities

- Total number of Chapters in the Section
 - Computer Chapter
 - Solid State Circuit Chapter
 - IEEE Systems, Man, and Cybernetics Macau Chapter
 - CAS & COM Joint Chapter
 - EMB Hong Kong and Macau Joint Chapter
 - AP/MTT Joint Chapter
 - PE & PEL Joint Chapter
- Number of Chapters formed in the current year
NA
- Number of active Chapters (Chapters who have reported required number of meetings during the year)
4
- Summary of Chapter activities (Chapter wise with attachment table/information)

-Solar Energy Seminar - MACAU SECTION

-From Smart Grid to Future Grid, Challenges and Opportunities---Technical Talk - MACAU PE31/PEL35 CHA

-A/D CONVERTER CIRCUIT AND ARCHITECTURE DESIGN FOR HIGH-SPEED DATA COMMUNICATION - MACAU CAS04/COM

-A/D CONVERTER CIRCUIT AND ARCHITECTURE DESIGN FOR HIGH-SPEED DATA COMMUNICATION - MACAU SSC37 CHA

-FEELING PROTEIN - DNA AND PROTEIN – PROTEIN INTERACTIONS FROM SINGLE – MOLECULE MECHANICAL RESPON

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-Modeling, control and stability analysis for integrating electric vehicles into the smart grid – MACA

-Digital Assisted High Performance ADCs - MACAU CAS04/COM19 CHAPTER

-Digital Assisted High Performance ADCs - MACAU SSC37 CHAPTER

-Big Data Seminar - MACAU SECTION

-IEEE Project Competition - MACAU SECTION

-Unlocking Energy Information in Smart Meter Data for Demand Side Energy Management - MACAU PE31/PEL35

-Bio-inspired smart vision sensors and processing systems - MACAU CAS04/COM19 CHAPTER

-Bio-inspired smart vision sensors and processing systems - MACAU SSC37 CHAPTER

-Baseband IC Design for Wireless MIMO Systems - MACAU CAS04/COM19 CHAPTER

-Baseband IC Design for Wireless MIMO Systems - MACAU SSC37 CHAPTER

-A Fully-Integrated CMOS Frequency Synthesizer for Software-Defined Radios - MACAU CAS04/COM19 CHAPTER

-A Fully-Integrated CMOS Frequency Synthesizer for Software-Defined Radios - MACAU SSC37 CHAPTER

-Cognitive Radio Transceiver Chips - MACAU CAS04/COM19 CHAPTER

-Cognitive Radio Transceiver Chips - MACAU SSC37 CHAPTER

-Design Techniques for Injection-Locked Frequency Synthesizers - MACAU CAS04/COM19 CHAPTER

-Design Techniques for Injection-Locked Frequency Synthesizers - MACAU SSC37 CHAPTER

-Biosensors - Playing at the Crossroads of Engineering and the Sciences - MACAU CAS04/COM19 CHAPTER

-Biosensors - Playing at the Crossroads of Engineering and the Sciences - MACAU SSC37 CHAPTER

-Symposium on Sustainable Development of the Power Industry - MACAU SECTION

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-Electronic Competition of Macau Telecommunication Museum - MACAU SECTION

-Power Semiconductor Devices Technology Trends and Challenges in System Integration - MACAU CAS04/C

-Power Semiconductor Devices Technology Trends and Challenges in System Integration - MACAU SSC37 C

-Challenges in System Integration - MACAU PE31/PE

-Trend of the Smart Grid Development - MACAU PE31/PEL35 CHAPTER

-Trend of the Smart Grid Development - MACAU WOMEN IN ENGINEERING AFFINITY GROUP

-Seamless Integration of Renewable Energy - MACAU PE31/PEL35 CHAPTER

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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

-Solar Energy Seminar - MACAU SECTION

-From Smart Grid to Future Grid, Challenges and Opportunities---Technical Talk - MACAU PE31/PEL35 CHA

-A/D CONVERTER CIRCUIT AND ARCHITECTURE DESIGN FOR HIGH-SPEED DATA COMMUNICATION - MACAU CAS04/COM

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B.4 Students Activities

- Total number of Student Branches in the Section
2
- Number of Student Branches formed in the current year
0
- Section level student activities (student congress, paper and other contests, awards etc)
IEEE Project Competition
- Number of active Student Branches (Student Branches who have reported required number of meetings during the year)
2
- Summary of Student Branch activities (Student Branch wise with attachment table/information)

B.5 Affinity Group Activities

- Young Professional (YP)
Gathering and an engineer life talk by an engineer
- Women In Engineering (WIE)
Gathering
- Life Member

B.6 Awards & Recognition Activities

- Award constituted by the Section
NA
- Award(s) received from R10
NA
- Award(s) received from IEEE HQ
NA

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

- Newsletter (name and number of issues in the year)
NA
- Home Page of the Section (give the URL and how often it is updated)
www.ieeemo.org
- Other means of contacts with Section members

B.8 Industry Relations

- Membership growth and retention
NA
- Activities for/with industrial members
Cooperating for Preparing IEEE TENCON 2015

B.9 Humanitarian Technology Activities

NA

B.10 Community Activities

- IEEE Social activities (Family day, IEEE day, Engineers Week)"
Lunch and dinner Gathering

PART C - OTHERS

C.1 Special Events

NA

C.2 Relationship with National Societies

NA

C3. Collaboration with other IEEE Sections

- Support extended to neighboring Sections

- Joint activities with any other Section

Hong Kong

C.4 Support extended to Sub-sections & Society Chapters within the Section

NA

C.5 Best Practices of your Section (which you would like to share with other Sections for the benefits of members)

NA

C.6 Problems anticipated and suggestions for solutions, if any

Limited resource in human power and finance

PART D - GOALS AND PLANS

D.1 Continuation of project/activity in progress and their implementation plans

To have a good conference for IEEE TENCON 2015 in Macau

D.2 Goals and Future Plans

To have a good conference for IEEE TENCON 2015 in Macau

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

To invite local companies to give financial support each year when we provide their corresponding technical talks or we may arrange a short course for local engineers in order to have stable financial income.