

# Western Australia Section Report 2017

## PART A - SECTION SUMMARY

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

#### Section Executive Committee Member List

Chair: Cesar Ortega-Sanchez  
Vice-Chair: Ferdous Sohel  
Secretary: Vijay Kumar  
Treasurer: Sebastian Zander  
Member: Adam Osseiran  
Member: Anthony Jeganathan  
Member: Clive Maynard  
Member: Douglas Chai  
Member: Du Huynh  
Member: GM Shafiullah  
Member: Kevin Wong  
Member: Valerie Maxville

#### Section Highlights

Attended R10 Meeting in Tokyo, Japan. 4-5 March  
Sponsored student prizes at the 3 of the 4 WA universities  
Attended R10 Sections Meeting in Sydney. August  
Supported students to attend Student Congress in Sydney  
Technical support to APCC2017. December 2017 in Perth  
Had one social activity with families  
Had one social dinner  
Had 6 Section meetings in the year  
Participation in Australian Council

#### Major Events (International, National)

Hosted Australia Pacific Communication Conference 2017 in December

#### Major Chapter Activities

Chapters organized 20 Technical events in 2017

#### Major Student and Affinity Group Activities

Student Branches and Affinity groups organized 21 activities in 2017

#### Awards

The Section sponsored 3 awards to the best Electrical Engineering students at 3 WA universities (Curtin, Murdoch and Edith Cowan).  
Outstanding Power Engineer Award Presentation to SM Muyeen

## A.2 Financial Report

**Section and Chapters' Financial Status****Cash in Hand****AUD (Jan 01, 2017 – December 1, 2017)**

Bank Account	Opening Balance at 01/01/2017	Accum Expenses	Accum Receipts	Closing Balance
Unibank I50 (fixed term)	68,374.01	11,166.87	1166.87	58,374.01
Unibank S1 (daily cheque)	11,090.15	9,688.73	23,493.29	24,894.71
<b>Total (AUD)</b>	<b>79,464.16</b>	<b>20,855.60</b>	<b>24,660.16</b>	<b>83,268.72</b>

Major transactions since 1/11/2017:

- -\$2,565.89 More ANZCON & Section Congress (Section)

**USD (Jan 01, 2017 – December 1, 2017)**

Bank Account	Opening Balance at 01/01/2017	Accum Expenses	Accum Receipts	Closing Balance
<b>CB Account</b>	7,481.23	10,020.00	6,443.18	3,904.41

Major transactions since 1/11/2017:

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**Sub-Account Balances kept within the section accounts****(Jan 01, 2017 – December 1, 2017)**

Sub-Unit	Balance 1/1/2017	Expense	Receipts	Balance	Rebate Receipts*	Final Balance	Rebate CB Acc. US\$
Computer Society	6,102.63	0.00	0.00	6,102.63	263.41	6,366.04	
Communication Society	2,044.02	263.90	0.00	1,780.12	526.81	2,306.93	
Joint PES/PELS	2,045.10	610.53	0.00	1,434.57	353.20	1,787.77	
Signal Processing	1,840.68	0.00	0.00	1,840.68	526.81	2,367.49	
Computational Intelligence	1,743.34	0.00	0.00	1,743.34		1,743.34	
ED/SSC/PHO	2,060.58	0.00	0.00	2,060.58	353.20	2,413.78	
Syst. Man and Cybern.	790.00	56.50	0.00	733.50	526.81	1,260.31	
Curtin SB	3,776.52	0.00	0.00	3,776.52		3,776.52	
Murdoch SB	304.81	0.00	0.00	304.81		304.81	
UWA SB	570.00	43.10	0.00	526.90		526.90	
ECU SB	0.00	0.00	0.00	0.00		0.00	
YP	1,400.06	43.10	0.00	1,356.96	907.55	2,264.51	
WIE	295.00	0.00	0.00	295.00	263.41	558.41	

\* Rebates from 2016 + 2017

## **Summary of transactions from 01/01/2017 – 1/12/2017**

- **Unibank S1 (Cheque account)**

- Expenses (in chronological order of cheques cashed)**

- -\$250.00 Murdoch student prize (Section)
    - -\$250.00 Curtin ECE student prize (Section)
    - -\$240.00 ECU IEEE student prize (Section)
    - -\$200.00 Curtin IEEE WA PES/PELS prize (Power)
    - -\$163.97 Food for section meetings Feb and March (Section)
    - -\$68.67 Food for section meeting May (Section)
    - -\$11.53 Parking PES award presentation (Power)
    - -\$263.90 Dinner after sponsored seminar (Comm)
    - -\$64.34 Food for section meeting July (Section)
    - -\$669.98 R10 director visit dinner (Section)
    - -\$894.00 Mid-year social dinner (Section)
    - -\$43.22 R10 director visit parking & snacks (Section)
    - -\$401.62 Section Congress (SC) Lance Fung (Section)
    - -\$1,061.39 ANZCON/SC Arunraj Sukumaralingam (Section)
    - -\$1,361.55 ANZCON/SC Anthony Jeganathan (Section)
    - -\$361.78 SC Helene Hoi-Ying Fung (Section)
    - -\$131.30 IEEE WA Family day (Section)
    - -\$56.50 Food SMC chapter seminar (SMC)
    - -\$57.72 Food Section meeting September (Section)
    - -\$399.00 DLT Saifur Rhaman (Power)
    - -\$2,565.89 ANZCON/SC Chee Chin Ng (Section)
    - -\$172.37 IEEE Extreme comp (Section, UWA SB, YP)

- Income**

- \$1,519.99 Interest transfer from term deposit account
    - \$10,000.00 Transfer from term deposit account
    - \$11,973.30 Transfer from CB account (US\$10,000)

- **Unibank I50 (Fixed Term Deposit)**

**Expenses**

- -\$1,519.99 Interest transfer to cheque account
- -\$10,000.00 Transfer to cheque account

**Income**

- \$1,519.99 Interest earned

- **CB Account (US dollar)**

**Expenses**

- -\$10,000 Transfer to S1 account
- -\$20 Transfer fee

**Income**

- \$243.00 YP support fund (YP)
- \$6,163.70 Rebate from IEEE HQ for 2017
- \$36.48 Interest earned

## PART B - ORGANIZATIONAL ACTIVITIES

### B.1 Membership Development Activities

#### Total number of active members in the past 3 years:

2016= 710

2017= 685

#### Summary and evidence of work done to improve the value of membership, which leads to retention and growth of members

See list of activities in page 1.

### B.2 Chapter Activities

- Total number of Chapters in the Section: 8
- Number of Chapters formed in the current year: 1
- Number of active Chapters: 4
- Summary of Chapter activities
  - COM19= 4 technical activities
  - ED15/SSC37/PHO36= 4 technical activities
  - PE31/PEL35= 8 technical activities
  - SMC28= 3 technical activities
  - SP01= 1 technical activity

### B.3 Professional and Continuing Education Activities

Young Professionals and Student Branches organized soldering workshops, mock interview sessions and site visits for students from all 4 public universities in the state.

### B.4 Students Activities

- Total number of Student Branches in the Section: 4
- Number of Student Branches formed in the current year: 1
- Section level student activities: Interview Preparation Workshop
- Number of active Student Branches: 1
- Summary of Student Branch activities:
  - HMAS Sydney and Kormoran Shipwreck 3D Visualization
  - Interview Preparation Workshop
  - Photo Competition
  - Woodside: Vision 2020+ The Future of Energy
  - Young Professionals Sundowner

### B.5 Affinity Group Activities

- Young Professional (YP)
  - C Programming Workshop 14th Sep
  - C Programming Workshop 21st Sep
  - C Programming Workshop 7th Sep
  - IEEEExtreme 11.0 for Western Australia Team
  - April Sundowner
  - Committee Meeting 04/09/2017
  - Committee Meeting 08/02/2017
  - Committee Meeting 22/06/2017
  - IEEE WA Young Professionals AGM
  - Interview Preparation Workshop & Networking
  - Joint IEEE & IET Sundowner
- Women In Engineering (WIE)
  - BEST POSTER PAPER PRESENTATION AWARDS
  - EECON - BEST POSTER PAPER PRESENTATION AWARDS
  - The WA University Poster Competition

## B.6 Awards & Recognition Activities

- Award constituted by the Section: 3 awards to the best Electrical Engineering students in 3 public universities.
- Please list all Awards and Recognitions received by the Section, and members in the Section, from R 10 and IEEE HQ during the year 2017: none

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

- Newsletter- None
- Home Page of the Section: [http://ewh.ieee.org/r10/w\\_australia/](http://ewh.ieee.org/r10/w_australia/) Updated monthly.
- Other means of contacts with Section members including social media- Email, Collabratec

## 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)
  - Social dinner at Greek restaurant
  - Dinner with R10 Director
  - Family Day out to celebrate IEEE Day
  - End of the year dinner after AGM

## PART C - OTHERS

### C.1 Special Events

#### 1. TECHNICAL ACTIVITIES



#### Prof Kukjin Chun at Western Australia Section.

*Cesar Ortega-Sanchez*

*Section Chair, Curtin University, Western Australia*

After his active participation in ANZSCON and the Sections Congress in Sydney Professor Kukjin Chun visited Perth in Western Australia. The local Section organised a technical event where the Region 10 Director shared with IEEE students and members his vision for the Region and encouraged the Section to be more proactive in bringing IEEE activities and events to Western Australia. He also presented some aspects of his research in nanotechnology, a topic that is gathering momentum in the universities of Western Australia. After the presentation the Section



invited students and members to have dinner with the Director. Professor Chun was very approachable and spent a good deal of time talking and listening to students. His words of encouragement gave a big boost to the enthusiasm of all who listened to him.

## **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)**

- Maintain good communication between Section Committee members.
- Support student and Young Professionals activities.
- Play to your strengths. WA members are mainly from academia.

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

- We are finding difficult to recruit new committee members.
- Rotation in student branches makes it difficult to give continuity to long term plans.
- Some Chapters are not very active.

## **PART D - GOALS AND PLANS FOR 2018**

- Planning meeting early in the year
- Attend R10 Meeting in Malaysia
- Keep sponsoring student prizes at the universities
- Have one social activity with families
- Have one social dinner
- Have at least 5 Section meetings in the year