

Western Australia Section Report 2018

PART A - SECTION SUMMARY

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

Section Executive Committee Member List (2018)

Chair: Harry McDonald
 Vice-Chair: Vijay Kumar
 Secretary: Cesar Ortega Sanchez
 Treasurer: Valerie Maxville

Member: Adam Osseiran
 Member: Anthony Jeganathan
 Member: Helene Fung
 Member: Douglas Chai
 Member: Tyrone Fernando (part)
 Member: Christoph Tuettemann (part)
 Member: Kevin Wong
 Member: Sebastian Zander (part)
 Member: Lance Fung
 Member: Jacqueline Thomas (part)

Section Highlights

Attended the R10 Meeting in Langkawi, Malaysia.
 Sponsored student prizes at the 3 of the 4 WA universities that teach engineering
 Supported students to attend TenSymp 2018 (Sydney) and SWYL 2018 (Bali)
 Supported WIE attendance (x 2) at a WIE Symposium in Brisbane
 Technical and financial support to CMD 2018 and COMMAD 2018
 Hosted one mid year social dinner
 Hosted an AGM dinner
 Hosted 9 Section meetings in the year plus an AGM meeting to elect 2019 committee
 Active participation in the Australian Council – present at all meetings

Major Events (International, National)

Hosted and provided some paper awards for CMD 2018 and COMMAD 2018

Major Chapter Activities

Chapters organized 27 Technical events in 2018

Major Student and Affinity Group Activities

Student Branches and Affinity groups organized 26 activities in 2018

Awards

The Section sponsored 3 awards to the best Electrical Engineering students at 3 WA universities (Curtin, Murdoch and Edith Cowan). The PES/PELS chapter also sponsored awards at two universities. One of the two; presented to UWA was renamed in honour of recently deceased Prof Kit Po Wong.
 Outstanding Power Engineer Award 2018 presented to Prof Tyrone Fernando of UWA

A.2 Financial Report

Finance Report 2018

06 December 2018

Section and Chapters' Financial Status

Cash on Hand

AUD (21 November – 06 December 2018)

Bank Account	Opening Balance at 21/11/2018	Accum Expenses	Accum Receipts	Closing Balance
Unibank I50 (fixed term)	\$68,374.01	\$0.00	\$0.00	\$68,374.01
Unibank S1 (daily cheque)	\$9,305.74	\$726.28	\$0.00	\$8,579.46
Total (AUD)	\$79,353.37	\$726.28	\$0.00	\$79,353.37

Transactions since 21/11/2018:

- Cheque 119690 23/11 \$64.60
- Cheque 119691 23/11 \$441.66
- Cheque 119688 26/11 \$183.22
- Cheque 119693 04/12 \$36.80

USD (21 November – 06 December 2018)

Bank Account	Opening Balance at 21/11/2018	Accum Expenses	Accum Receipts	Closing Balance
CB Account	\$9,977.72	\$0.00	\$0.00	\$9,977.72

Transactions:

- None

Sub-Account Balances (Jan 01, 2018 – 06 December 2018)

Sub-Unit	Balance 1/1/2018	Expense	Receipts	Balance	Rebate Receipts	Final Balance	Rebate CB Acc. US\$
Computer	6,366.04	0.00	0.00	6,366.04	0.00	6,366.04	
Communication	2,306.93	0.00	0.00	2,306.93	0.00	2,306.93	200
Joint PES/PELS	1,787.77	200.00	0.00	1,587.77	0.00	1,587.77	200
Signal Processing	2,367.49	0.00	0.00	2,367.49	0.00	2,367.49	
Computational Intelligence	1,743.34	0.00	0.00	1,743.34	0.00	1,743.34	
ED/SSC/PHO	2,413.78	0.00	0.00	2,413.78	0.00	2,413.78	200
Syst. Man and Cybern.	1,260.31	0.00	0.00	1,260.31	0.00	1,260.31	200
Curtin SB	3,776.52	0.00	0.00	3,776.52	0.00	3,776.52	
Murdoch SB	304.81	0.00	0.00	304.81	0.00	304.81	
UWA SB	526.90	0.00	0.00	526.90	0.00	526.90	
ECU SB	0.00	0.00	0.00	0.00	0.00	0.00	
YP	2,264.51	0.00	0.00	2,264.51	0.00	2,264.51	275
WIE	558.41	0.00	0.00	558.41	0.00	558.41	200

PART B - ORGANIZATIONAL ACTIVITIES

B.1 Membership Development Activities

Total number of active members in the past 3 years:

2016= 710

2017= 685

2018= 670

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

All technical activities, networking functions, seminars and conferences raise awareness of IEEE and the introductions include background on the societies and encouragement to join IEEE.

B.2 Chapter Activities

- Total number of Chapters in the Section: 7
- Number of Chapters formed in the current year: 1
- Number of active Chapters: 6
- Summary of Chapter activities
 - COM19= 2 technical activities
 - ED15/SSC37/PHO36= 2 technical activities
 - PE31/PEL35= 2 technical activities
 - SMC28= 2 technical activities
 - SP01= 2 technical activities
 - CAS = 1 technical activity. (Formed in late 2018)

B.3 Professional and Continuing Education Activities

Young Professionals and Student Branches organized.

B.4 Students Activities

- Total number of Student Branches in the Section: 4
- Number of Student Branches formed in the current year: The Murdoch branch was restarted
- Section level student activities: Industry forum involving Curtin Uni and UWA. The section provided financial support and a booth. Presented on a topic of international and national standards.
- Number of active Student Branches: 3. One further branch ECU is expected to become more active.
- Summary of Student Branch activities:
 - Curtin University – 6 events
 - UWA – 19 events
 - Murdoch – 1 events

B.5 Affinity Group Activities

- Young Professional (YP)
 - 7 events
- Women In Engineering (WIE)
 - 8 events

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: Nil

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

- Newsletter- Nil

- Home Page of the Section: http://ewh.ieee.org/r10/w_australia/ Updated regularly.
- Other means of contacts with Section members including social media- Email, Collabratec

B.8 Industry Relations

- Technical Talk and Site visit to Magellan (power electronics development & manufacturer)

B.9 Humanitarian Technology Activities

- Nil

B.10 Community Activities

- Nil

PART C - OTHERS

C.1 Special Events

- Mid year dinner for all membership.
- AGM membership dinner

C.2 Relationship with National and International Societies and Non-Government Organizations (NGO)

- The PES/PELS chapter has extended collaboration to EESA (WA).
- Informal collaboration between IET, EA at the section level. The scope is limited to sharing publicity.

C3. Collaboration with other IEEE Sections

- Through the Australia Council activities at a national level. Other sections and regions involved are South Australia, New South Wales, Victoria, Queensland, Northern Australia, Australian Capital Territory. A WA representative was part of the AC WIE group, heloing withy the WIE leadership symposium in Brisbane

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

- No Sub-sections and unlikely opportunity to form one. The chapters are supported by centralizing the treasurer role and finances at the section level. Some financial assistance is provided to chapters and affinity groups to help preserve reasonable balances and nurture wider membership development presence.

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.
- One to one meetings between Chairperson and others – for coaching and fostering motivation

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

- Difficulty recruiting new committee members – at section level and chapter level.

- Graduation of students within student branches makes it difficult to give continuity to long term plans and recruiting at the undergraduate levels. The value proposition of IEEE is difficult to get across at universities. Student guilds and student guild activities are supported financially by the unis at no cost to students. It is part of their Uni fees.
- Some Chapters are not active and lack volunteer depth for good succession.

PART D - GOALS AND PLANS FOR 2019

- Planning meeting early in the year
- Attend R10 Meeting in Melbourne, Australia – including support for a secondary delegate
- Continue sponsoring student prizes at the universities
- Have one social activity with families later in 2019
- Have one mid year social dinner in mid 2019
- Have at least 6 Section meetings in the year