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)

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

Major transactions since 1/11/2017:
  
  • -$2,565.89 More ANZCON & Section Congress (Section)

USD (Jan 01, 2017 – December 1, 2017)

<table>
<thead>
<tr>
<th>Bank Account</th>
<th>Opening Balance at 01/01/2017</th>
<th>Accum Expenses</th>
<th>Accum Receipts</th>
<th>Closing Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>CB Account</td>
<td>7,481.23</td>
<td>10,020.00</td>
<td>6,443.18</td>
<td>3,904.41</td>
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</table>

Major transactions since 1/11/2017:

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

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

* Rebates from 2016 + 2017
Summary of transactions from 01/01/2017 – 1/12/2017

• Unibank S1 (Cheque account)

Expenses (in chronological order of cheques cached)
  • -$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 150 (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
  - 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
- Other means of contacts with Section members including social media- Email, Collaboratec

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