

## QUEENSLAND SECTION



**THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC.**

ARBN 078 576 495

Dr. Chandima Ekanayake — Section Chair IEEE Queensland.	Dr. Hugo Espinosa — Secretary IEEE Queensland
Phone:	Phone:
Email: chandima@ieee.org	Email: h.espinosa@griffith.edu.au

### Minutes of Meeting October 2024

Date:8/10/2024

#### Attendance:

Office	Officer name	Present	Apology	Absent
Chair	Chandima Ekanayake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vice Chair	Rahul Sharma	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Secretary	Hugo Espinosa	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Treasurer	Ruifeng (Richard) Yan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Immediate Past Chair	Om Perakash	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Newsletter Editor	Mike Robinson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Webmaster	Sameera Samarasingha	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Professional Activities	Moid Sandhu	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Membership Development Chair	Jakob Pallot	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Awards & Recognition Chair	Mike Robinson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Student Activities Chair		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Educational Activities Chair	Rajesh Nighot	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineers Australia Liaison	Ruifeng (Richard) Yan	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Community Manager	Jakob Pallot	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Women in Engineering Chair</b>	Punam Pawar	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Women in Engineering (VC)	Christina Kazantzidou	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Women in Engineering (Secretary)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Aerospace and Electronic Systems Chapter Chair</b>	Robert Kennedy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aerospace and Electronic Systems Chapter (VC)	Jason Williams	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aerospace and Electronic Systems Chapter (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Computational Intelligence Chapter Chair</b>	Marcus Gallagher	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Computational Intelligence Chapter (VC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computational Intelligence Chapter (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Computer Society Chapter Chair</b>	Brian Lovell	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Computer Society Chapter (VC)	Mike Robinson	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer Society Chapter (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer Society Chapter (Industry Engagement)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Control Sys/Robo &amp; Auto Chapter Chair</b>	Benjamin Tam	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Sys/Robo & Auto Chapter (VC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Sys/Robo & Auto Chapter (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Engineering in Medicine &amp; Biology Chapter Chair</b>	Alejandro Melendez-Calderon	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Engineering in Med & Biology Chapter (VC)	Camila Shirota	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Engineering in Med. & Biology Chapter (Sec)	MirHojjat Seyedi	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>MTT/AP Chapter Chair</b>	Hugo Espinosa	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MTT/AP Chapter (VC)	Syed Akbar Raza Naqvi	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MTT/AP Chapter (Secretary)	Lu Zhang	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
MTT/AP Chapter (Treasurer)	Kamel Sultan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Power &amp; Energy Chapter Chair</b>	Feifei Bai	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power & Energy Chapter (VC)	Nadali Mahmoudi	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Power & Energy Chapter (Secretary)	James Guest	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Power & Energy Chapter (Treasurer)	David Batterham	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power & Energy Chapter ( Women in Power rep )	Indira Alcaide-Godinez	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Power and Energy Chapter (Industry Liaison)	Nilesh Modi	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Power and Energy Chapter (Professional Bodies)	Tapan Saha	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Power and Energy Chapter (Webmaster)	Bonu Ramesh Naidu	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Signal Proc &amp; Comms Chapter Chair</b>	Manuel Schmidt	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Signal Pro & Comms Chapter (VC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signal Pro & Comms Chapter (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>IA/IE/PEL Chair</b>	Gihan Vitharanage	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IA/IE/PEL (VC)	Dezso Sera	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IA/IE/PEL (Treasurer)	Junwei Lu	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IA/IE/PEL (Secretary)	Mahinda Vilathgamuwa	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>SSIT Chair</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SSIT Vice Chair		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SSIT QLD Coordinator		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Young Professionals Chair</b>	Sameera Samarasingha	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Young Professionals (VC)	Moid Sandhu	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Young Professionals (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>UQ Student Branch Chair</b>	Ge Zhang	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ Student Branch (VC)	Ning Ma	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UQ Student Branch (Secretary)	Jiajie Feng	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ Student Branch (Treasurer)	Shijie Yao	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ Student Branch (Counsellor)	Ruifeng (Richard) Yan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>UQ IEEE PES Student Branch Chair</b>	Taolue Shen	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UQ IEEE PES Student Branch (VC)	Anuradha Abeysekera	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ IEEE PES Student Branch (Secretary)	Ge Zhang	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ IEEE PES Student Branch (Treasurer)	Ashan Imantha M.H. Bandara	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ IEEE PES Student Branch (Counsellor)	Tapan Saha	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>QUT Student Branch Chair</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
QUT Student Branch (VC)	Amin Mokari	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
QUT Student Branch (Secretary)	Shaetrun Pathmanathan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
QUT Student Branch (Treasurer)	Amin Mokari	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
QUT Student Branch (Counsellor)	Yuchen Zhang	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Griffith Student Branch Chair – GC</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch (VC) – GC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch (Secretary) – GC	Angus Brawley	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith Student Branch (Treasurer) – GC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Member Engagement Coordinator – GC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Events Coordinator – GC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Administrator – GC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch (Counsellor) – GC	Stephen So	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Griffith Student Branch Chair – Nathan</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch (VC) – Nathan		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch (Secretary) – Nathan		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch (Counsellor) – Nathan	Sascha Stegen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Griffith IEEE PES Student Branch Chair</b>	Hamza Mubarak	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith IEEE PES Student Branch (VC)	Nafis Ahmed Chowdhury	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith IEEE PES Student Branch (Secretary)	Muhammad Ajmal khan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Griffith IEEE PES Student Branch (Treasurer)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith IEEE PES Student Branch (Webmaster)	Adam Barbosa	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith IEEE PES Student Branch (Advisor)	Feifei Bai	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith IEEE PES Student Branch (Counsellor)	Hugo Espinosa	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USQ Student Branch Chair		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USQ Student Branch (VC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USQ Student Branch (Secretary)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
USQ Student Branch (Counsellor)	Yi Cui	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<b>IEEE HKN Mu Kappa Chapter Chair</b>	Alexander Burovanov	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (VC)	Mingxuan Zhou	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (Corresp Secretary)	Zachary Grice	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (Rec Secretary)	Junjia Yang	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (Treasurer)	Ashan Imantha Malala Hetti Bandara	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (Department Head)	Michael Bruenig	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (Faculty Advisor)	Tapan Saha	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Life Members Chair</b>	John Gough	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Section Historian</b>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**1. Welcome from Chandima.****▪ Attendance and apologies.**

As noted. Apologies sent by Marcus, Rahul, Punam, Syed, Tapan, Manuel, Gihan

**2. Confirmation of agenda.**

The agenda was circulated and approved.

**Confirmed:** Benjamin      **Seconded:** Jakob

**3. Acceptance of minutes of the last meeting.**

Minutes of last meeting were circulated and approved.

**Proposer:** Benjamin      **Seconded:** Jakob

**4. Business arising from the last meeting.**

No carry on items.

**5. Reports from the Section committee:****▪ Chair:**

- Chandima reported on IEEE Day, noting that there are currently 20 registrations. He encouraged members to register, as attendance can accommodate up to 50 participants.
- Chandima reported on the number of events per chapter (using analytics in a spreadsheet) and emphasised the importance of organizing at least two events per year to prevent the risk of chapter closure. Unreported events cannot be counted.
- He discussed plans with WiE to coordinate some online events.
- The AES chapter currently has only one registered event, though Chandima believes they may have organised more that have not yet been reported.
- Chapters with new members must ensure they meet the event requirements by organizing the necessary events before the end of the year.

**▪ Vice Chair:**

AGM and nomination process updates:

- 
- **Speaker:** A speaker still needs to be confirmed for the dinner. All potential speakers approached so far are unavailable, Rahul is currently awaiting a response from Prof. Andrew White (UQ Physics, Quantum). If any committee members have suggestions, please let Rahul know. The dinner will be advertised once the speaker is confirmed.
  - **Nominations:** There has been no progress with nominations for 2025. Rahul will have the call for nominations sent out by next Monday.
  - **Awards and Recognitions:** Mike has begun work on Awards and Recognitions.
  - **Entertainment:** Rahul has been in contact with the Griffith Conservatorium to arrange a booking (thanks to Jake and Mike).
- 
- **Secretary:**
  - **Treasurer:**
  - **Newsletter Editor:**  
Mike reported that a newsletter was published in April. The upcoming newsletter will feature information and photos from IEEE Day.
  - **Webmaster:**
  - **Awards and Recognitions:**  
Mike reported on the awards he is preparing based on the previous system that recognises members' attendance at monthly meetings. He is also preparing the Volunteer of the Year award and has placed an order for certificates with IEEE.
  - **Professional Activities:**
  - **Student Activities**
  - **Membership Development**
  - **Educational Activities:**
  - **Engineers Australia liaison**

- **Community manager**

## 6. Student Chapter Activities:

- **UQ:**  
Ning Ma reported on a field visit they are organising and mentioned that the promotional flyer will be released soon, with limited spots available. Chandima asked her to report events as the primary organiser.
- **UQ PES:**  
The events the chapter is working on were mentioned and discussed at the previous meeting (September). The chapter is planning a field visit for November 15 and intend to hire a shuttle bus, for which they will request funding support. They will obtain a few quotes for the bus rental. A total of 20 people are expected to attend. Chandima asked them to gather information on benefits for members, membership drives, and related topics. He also requested that they seek approval at the next meeting once they have collected the necessary information.
- **QUT:**
- **GU (GC):**
- **GU (Nathan):**
- **GU PES:**  
Hamza reported an increase in funding for the High-Performance Chapter. The amount was initially \$150, but it has since been increased to \$750.
- **CQU:**
- **USQ:**

## 7. Chapter and Affinity Group reports

- **Aerospace and Electronic Systems:**

Jason provided an update on their DL speaker organisation. AES Central is covering the airfare costs. They are requesting a budget for hotel, meals, and transport. They are currently looking for a venue, which could be either UQ or QUT. The total request is \$1,600. The section has already pre-approved \$500, along with \$200 for catering, so \$700 can be covered by the pre-approved funds, leaving a balance of \$900 to be requested.

John supported the request, and Chandima seconded.

- **Computational Intelligence:**
- **Computer Society:**  
Mike reported on two events currently being organised.
- **Control Systems/Robotics & Automation:**  
Benjamin is helping to organise the Robotics event that was funded at the last meeting.
- **Engineering in Medicine & Biology:**
- **Microwave Theory & Techniques/Antennas & Propagation:**  
Hugo reported on the in-person events held at UQ and the two DL webinars being organised, which will likely be the last events of the year.
- **Power and energy and DEIS joint chapter:**  
Chandima reported on behalf of Feifei: The approved \$4,000 funding from the April meeting was allocated as follows: \$2,000 has been used for the IEEE PES General Meeting travel award. The remaining \$2,000 will be used for the IEEE PES AUPEC conference. This allocation was not mentioned in the April meeting minutes. Could you please ensure that the October meeting minutes reflect that the remaining \$2,000 will be used for IEEE PES AUPEC conference travel awards, with \$500 allocated to support each of the four candidates?  
Mike supported and Moid seconded.
- **Power Electronic/Industrial Electronics/ Industry Applications:**  
Chandima welcomed Gihan as Chapter Chair. Gihan was not present at the meeting and had sent his apologies.
- **Signal Processing/Communications:**



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- **Young Professionals:**
- **Women In Engineering:**
- **IEEE HKN Mu Kappa Chapter:**
- **Life Members:**  
Chandima requested John to organise at least one more activity.

### 8. Any other business

Mike recommended that members submit activities that could fit into the "Bits & Pieces" section of the newsletter.

### 9. Next meeting: 12/11/2024

### ACTION LIST

(Numbering Scheme: Year\_Month\_action number)

Action No	Description	Expected Completion Date	Status
ACTION ITEM 2024_08_01	AGM 2024 updates from Rahul on event date, location, fees, keynote speaker, etc.		On going
ACTION ITEM 2024_08_05	Reimbursement of expenses or request of approved funds allocated to awards, using MS Forms		For Awards: <a href="https://forms.gle/fvXBJWq2t4Re8ovy5">https://forms.gle/fvXBJWq2t4Re8ovy5</a> For Events: <a href="https://forms.gle/THMF8eLyb5k3mQBTA">https://forms.gle/THMF8eLyb5k3mQBTA</a>
ACTION ITEM 2024_08_06	IEEE 140-year anniversary celebration together with QLD Section 40-year anniversary		On going
ACTION ITEM 2024_08_07	Purchase of plaques for year-end celebration		On going
ACTION ITEM 2024_08_08	Improvements and updates on section's website		On going





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**BUDGET REQUESTS**

<b>Item No.</b>	<b>Date</b>	<b>Request</b>	<b>Requested amount</b>	<b>Approved</b>
2024_10_01	8/10/2024	Jason Williams (AES): funding for DL	\$500 pre-approved (accommodation, transport) + \$200 catering	Approved
2024_10_02	8/10/2024	IEEE PES AUPEC conference travel awards	\$2,000 plus \$500 allocated to support each of the four candidates	Approved