



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 July 2024

Date:16/07/2024

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Secretary	Hugo Espinosa	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Webmaster	Sameera Samarasingha	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" 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"/>
Women in Engineering Chair	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"/>
Aerospace and Electronic Systems Chapter Chair	Robert Kennedy	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aerospace and Electronic Systems Chapter (VC)	Jason Williams	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aerospace and Electronic Systems Chapter (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computational Intelligence Chapter Chair	Marcus Gallagher	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>
Computer Society Chapter Chair	Brian Lovell	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Computer Society Chapter (VC)	Mike Robinson	<input type="checkbox"/>	<input checked="" 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"/>
Control Sys/Robo & Auto Chapter Chair	Benjamin Tam	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>
Engineering in Medicine & Biology Chapter Chair	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"/>
MTT/AP Chapter Chair	Hugo Espinosa	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
MTT/AP Chapter (VC)	Syed Akbar Raza Naqvi	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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"/>
Power & Energy Chapter Chair	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 (Treasurer)	David Batterham	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power and Energy Chapter (Webmaster)	Bonu Ramesh Naidu	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Signal Proc & Comms Chapter Chair	Manuel Schmidt	<input checked="" type="checkbox"/>	<input 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"/>
IA/IE/PEL Chair	Dezso Sera	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IA/IE/PEL (VC)		<input type="checkbox"/>	<input type="checkbox"/>	<input 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"/>
SSIT Chair		<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"/>
Young Professionals Chair	Sameera Samarasingha	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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"/>
UQ Student Branch Chair	Ge Zhang	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ Student Branch (VC)	Ning Ma	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ Student Branch (Secretary)	Jiajie Feng	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UQ IEEE PES Student Branch Chair	Taolue Shen	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UQ IEEE PES Student Branch (VC)	Anuradha Abeysekara	<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
QUT Student Branch Chair		<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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch Chair – GC		<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"/>
Griffith Student Branch Chair – Nathan		<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"/>
Griffith IEEE PES Student Branch Chair	Yue Qu	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith IEEE PES Student Branch (VC)	Hamza Mubarak	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith IEEE PES Student Branch (Secretary)	Muhammad Naveed Naz	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith IEEE PES Student Branch (Treasurer)	Weichong Yao	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

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Griffith IEEE PES Student Branch (Webmaster)	Muhammad Ajmal Khan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith IEEE PES Student Branch (Counsellor)	Feifei Bai	<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"/>
IEEE HKN Mu Kappa Chapter Chair	Yunda Xu	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (VC)	Grace Margaretha	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (Secretary)	Zachary Grice	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (Treasurer)	Linfeng Liu	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter (Faculty Advisor)	Tapan Saha	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Life Members Chair	John Gough	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Section Historian		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

As noted. Apologies sent by Jason, Punam, and Hugo.

2. Confirmation of agenda.

The agenda was circulated and approved.

Confirmed: Seconded:

3. Acceptance of minutes of the last meeting.

Pending

Proposer: Seconded:

4. Business arising from the last meeting.

No carry on items.

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

- Engineers Australia Dinner:** Four members have currently confirmed their attendance. During the committee meeting, it was agreed that another five members would attend the dinner, three of whom are students. A motion to reduce the fee for students to \$25 was discussed and approved. Chandima will send an email to encourage another member to attend as the table fee included 10 attendees.
- Changes to the Committee Nomination Process:** The process has now been defined as an election committee by IEEE. Rahul will provide the committee with more details.
- Promotion of the Seminar on “Australia’s Critical Technology Standards”:** This seminar is organised by the IEEE Victoria and QLD sections and will be held on July 25th, 2024, at 4:30 PM. Chandima will send an eNotice to disseminate information about the event.

- **Vice Chair:**

Rahul reported on the 2024 AGM. He requested a quote from BCEC for November 29th, 2024. BCEC offered a similar arrangement to last year, waiving the room hire fee of \$2,402. They provided the following details:

- \$140 fee per person
- Three-course menu plus drinks
- Two rooms required (AGM and Dinner)
- AGM starts at 4:30 PM for 1 hour
- Dinner starts at 6:30 PM
- AV hire for \$5,857
- Total cost of \$19,927 for 400 people

Rahul will inquire if it's possible to use last year's room, which could reduce the total cost to around \$2,000 to \$2,500. He will also explore alternative dates for the event, as the initial proposal of November 29th may conflict with other conferences in Brisbane during the last two weeks of November, as mentioned by Tapan. Rahul will check BCEC's availability for the first week of December and then seek feedback from the committee.

Rahul also requested suggestions for a keynote speaker for the AGM. Tapan suggested Peter Halliday, the CEO of Siemens Australia, who is based in Sydney, as well as a sustainability expert. Rahul will contact both potential speakers.

Rahul will provide the committee with updates at the August meeting.

In addition, Rahul discussed a new online system for committee nominations. He will test it and reach out to potential nomination chairs.

- **Secretary:**
- **Treasurer:**
- **Newsletter Editor:**

- **Webmaster:**
- **Awards and Recognitions:**
- **Professional Activities:**
Moid updated on a seminar organised for July 24th on “Blockchain in cyber physical systems”. He has promoted the event through an eNotice.
- **Student Activities**
- **Membership Development**
- **Educational Activities:**
Rajesh updated on an event organised together with Feifei. They are currently organising other events, including one for Young Professionals.
- **Engineers Australia liaison**
Chandima will provide Richard with the list of attendees for the eDinner, so that he can update EA. Individual registrations to the dinner will be required.
- **Community manager**

6. Student Chapter Activities:

- **UQ:**
Jiajie Feng and Taolue Shen were awarded scholarships of up to \$1,000 each to attend ANZSCON 2024 in New Zealand (6-7 July). The scholarships were supported by the IEEE QLD Committee. Jiajie and Taolue updated the committee on the conference and shared details about the activities held during the two-day event, which included keynote speakers, panel discussions, presentations, and more. Additionally, they both participated in a competition where they presented their research work and provided a brief overview of the UQ student branch. Jiajie was the recipient of an award as the runner-up of the competition. They also commented on their networking interactions with student branches from New Zealand and other parts of Australia.
Chandima requested them to write an article for the Newsletter.

- **UQ PES:**
- **QUT:**
Yuchen reported on future events, including a robotics competition.
- **GU (GC):**
- **GU (Nathan):**
- **GU PES:**
- **CQU:**
- **USQ:**

7. Chapter and Affinity Group reports

- **Aerospace and Electronic Systems:**
Robert provided an update on a seminar delivered by Prof. Stefan Maier, Head of the School of Physics and Astronomy at Monash University. The seminar focused on Nanophotonics and was conducted in a hybrid format, allowing participants from the US and other countries to join, with seven to eight attendees present locally. The event was co-organized with AES Victoria.
- **Computational Intelligence:**
- **Computer Society:**
- **Control Systems/Robotics & Automation:**
- **Engineering in Medicine & Biology:**

- **Microwave Theory & Techniques/Antennas & Propagation:**

- **Power and energy and DEIS joint chapter:**

Feifei reported on three events conducted in recent months: two technical seminars and one professional event.

Tapan provided an update on the Australasian Universities Power Engineering Conference (AUPEC 2025), which will be held at The University of Queensland from September 29th to October 1st, 2025. The conference will be organised by UQ, QUT, JCU, CQU, and Griffith and will be financially sponsored by IEEE PES. Tapan requested technical sponsorship from the QLD Section, which was approved.

Confirmed: Chandima **Seconded:** Rajesh

- **Power Electronic/Industrial Electronics/ Industry Applications:**

- **Signal Processing/Communications:**

- **Young Professionals:**

- **Women In Engineering:**

Updates will be provided at the August meeting.

- **IEEE HKN Mu Kappa Chapter:**

Alexander provided an update on the recent committee handover. They are planning an event featuring an Arduino tutorial as well as technical seminars. He also reported on a request from HKN headquarters regarding the Student Leadership Conference 2024, scheduled for November 15th to 17th. Alexander received three expressions of interest from students wishing to attend, with one student to be selected. He requested \$2,000 in support from the QLD Section to assist with airfare. This funding will be drawn from the initial \$4,000 support allocated to PES, of which only half was used. The \$2,000 funding request was approved.

Proposer: Chandima **Seconded:** Rahul



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- Life Members:

8. Any other business

9. Next meeting: 13/08/2024

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_02	ANZSCON 2026 in Brisbane		On going
ACTION ITEM 2024_08_03	AUPEC 2025 Technical Sponsorship from QLD Section		Approved
ACTION ITEM 2024_08_04	Update bank account signatories		On going
ACTION ITEM 2024_08_05	Reimbursement of expenses or request of approved funds allocated to awards, using MS Forms		For Awards: https://forms.gle/fvXBjWq2t4Re8ovy5 For Events: https://forms.gle/THMF8eLyb5k3mQBTA
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
ACTION ITEM 2024_08_09	Department of Industry, Science and Resources		Liaison with Philip Crothers regarding the committee's interest and engagement in Critical Technology Standards has been established. Chandima is waiting for their



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			response and a further meeting will be organised with them.
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BUDGET REQUESTS

Item No.	Date	Request	Requested amount	Approved