

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 May 2024

Date:14/05/2024

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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Treasurer	Ruifeng (Richard) Yan	<input checked="" type="checkbox"/>	<input 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Membership Development Chair	Jakob Pallot	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Community Manager	Jakob Pallot	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Women in Engineering Chair	Punam Pawar	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Women in Engineering (VC)	Christina Kazantzidou	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input 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 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"/>
Computer Society Chapter Chair	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"/>
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 checked="" type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 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 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Young Professionals (VC)	Moid Sandhu	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ Student Branch (Treasurer)	Shijie Yao	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UQ Student Branch (Counsellor)	Ruifeng (Richard) Yan	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
UQ IEEE PES Student Branch Chair	Taolue Shen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ IEEE PES Student Branch (VC)	Anuradha Abeysekara	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
Griffith IEEE PES Student Branch (VC)	Hamza Mubarak	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 checked="" type="checkbox"/>	<input type="checkbox"/>
IEEE HKN Mu Kappa Chapter Chair	Yunda Xu	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input 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 Moid, Marcus, Yue, Christina, and Yi.

2. Confirmation of agenda.

The agenda was circulated and approved.

Confirmed: Rajesh **Seconded:** Jakob

3. Acceptance of minutes of the last meeting.

Minutes of last meeting were circulated and approved.

Proposer: Jakob **Seconded:** Rajesh

4. Business arising from the last meeting.

No carry on items.

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

[From previous Minutes of Meeting \(9/04/2024\):](#)

- Signatories: this is an ongoing task; an update will be provided at May's meeting.
- Department of Industry, Science and Resources: waiting for their response and a further meeting will be organised with them.
- Payment requests: The MS Forms for reimbursement of expenses or requests of approved funds allocated to awards are being tested, any feedback from the committee will be addressed.
- IEEE Celebrations: The draft proposal created by Tapan Saha was approved. Mike requested to be included as a member of the organising committee. The proposal was confirmed by Moid Sandhu and seconded by Mike Robinson. Tapan will try to bring people from headquarters as guests.

Other items

- ANZSCON 2024 to be held in NZ. The section can support two scholarships of up to \$1,000 each. Chandima will send an expression of interest (call for applications) to students within the next two weeks. Some students may need to apply for a visa. Students will also need insurance. Selection criteria need to be defined. A small committee consisting of the Chair, Vice-Chair, Secretary, and Treasurer will be formed to make a decision.
- The Eventbrite agreement has been finalised. Robert will look for website details and login account. Chandima will circulate the agreement with the committee.
- The visit to Noja Power was successful. Thank you to the organisers Rajesh and Sameera. There were no expenses for the Section.
- The section is supporting the Australian Microwave Symposium (AMS 2025), chaired by Hugo Espinosa, as a Technical Sponsor with no financial involvement.
- Revenue of \$25,000 from the Radar conference led by Vaughan resulted in a surplus for the Section. The amount is to be confirmed by Richard.

Appointment of new committee members

2024 IEEE QLD Section Chair, Chandima Ekanayake, proposes the motion to appoint the following member to the Section committee, as no nominations were received during elections in 2023:

No new appointments as of May 14th, 2024.

- **Vice Chair:**
- **Secretary:**
- **Treasurer:**
- **Newsletter Editor:**
Mike requested the minutes from AGM 2023, Chandima will provide them based on Zoom's recording.
- **Webmaster:**
- **Awards and Recognitions:**
Proposed format to go back to the old system was accepted. Mike is preparing the 2024 awards.

- **Professional Activities:**

Hugo mentioned on behalf of Moid that an online talk on ‘Responsible AI Engineering: Best practices, methods and tools’ by Qinghua Lu was scheduled and will be held on May 23rd, 2024 from 3:00 to 4:00 pm AEST. Link to the vTools event: <https://events.vtools.ieee.org/m/417183>.

- **Student Activities**

- **Membership Development**

- **Educational Activities:**

Rajesh is organising two seminars, one from Canada and one from India.

- **Engineers Australia liaison**

- **Community manager**

6. Student Chapter Activities:

- **UQ:**

Shijie reported that they had to delay the training session to next semester.

- **UQ PES:**

They held an event on April 24th, where they invited two guest lecturers who presented on electric mobility innovation.

- **QUT:**

Yuchen updated the new committee member list, which will be sent to Hugo for an update on vTools and Listserv.

- **GU (GC):**

- **GU (Nathan):**

- **GU PES:**
Hamza updated that May 15 is the deadline for committee nominations. At the next meeting, they will report on the new committee members. They have confirmed a site visit on May 24. FeiFei confirmed the site visit to the hydrogen generator and mentioned that they are collaborating with UQ.
- **CQU:**
- **USQ:**

7. Chapter and Affinity Group reports

- **Aerospace and Electronic Systems:**

Robert reported on the following:

Eventbrite agreement has been signed by the committee. Robert will look for the website details and login account.

Possible DL lecture from NSW

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Elias Aboutanios - dual function radar comms

Professor at School of Electrical Engineering and Telecommunications at Uni NSW

Possible Joint DL from Boston

=====

Dr. Francesca Scire-Scappuzzo - topic related to Autonomy, Navigation and Space in conjunction with AESS ACT (Australian Capital Territory)

Possible 2 day workshop

=====

similar to our previous 2 day workshop with AOC

Katherine Head for a two-day tutorial series.

- **Computational Intelligence:**
- **Computer Society:**
- **Control Systems/Robotics & Automation:**
- **Engineering in Medicine & Biology:**
- **Microwave Theory & Techniques/Antennas & Propagation:**

Hugo updated on the following:
The Chapter is organising the "6th Australian Microwave Symposium 2025" on February 10-11, 2025, at Griffith University, Gold Coast Campus. Hugo will be serving as the Conference Chair. The symposium will bring together leading Australian researchers in both antennas and microwaves, with an expected attendance of around 120 participants. IEEE has approved the conference as is now listed in the IEEE list of conferences website. MTT/APS NSW will be the Financial Sponsor, and QLD Section will be the Technical Sponsor. No financial involvement for QLD Section. Thank you to Robert, Jason, Richard, John, Brian, and Junwei for supporting the proposal.
- **Power and energy and DEIS joint chapter:**

Feifei updated the following activities:

 - IEEE PES Celebration in April.
 - They submitted the membership drive event initiative application.
 - They applied for \$500 to support a workshop on renewable energy. If not supported, they will still go ahead with the workshop in July.
 - They are organising a site visit for students to see a hydrogen generator and microgrid systems.

Tapan mentioned a conference IEEE PES AUPEC 2025 in September 2025 in Brisbane. The conference will be financially sponsored by IEEE PES, and technically sponsored by QLD Section.
Conference endorsement: Supported by Hugo, seconded by Feifei
- **Power Electronic/Industrial Electronics/ Industry Applications:**



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- **Signal Processing/Communications:**
The chapter met last week for a regular catch-up and discussed an AI/Machine Learning paper. Chandima thanked Manuel for attending the visit to Noja Power.
- **Young Professionals:**
- **Women In Engineering:**
- **IEEE HKN Mu Kappa Chapter:**
Yunda updated on the upcoming AGM and election ceremony, as well as the inducting of new members. Yunda requested \$150 for catering.
- **Life Members:**
John updated. He thanked Mike for featuring the Life Members Affinity Group. They are organising an event to be held in June.

8. Any other business

9. Next meeting:

11/06/2024

ACTION LIST

(Numbering Scheme: Year_Month_action number)

Action No	Description	Expected Completion Date	Status
ACTION ITEM 2024_05_01	Update bank account signatories		On going
ACTION ITEM 2024_05_02	Eventbrite		Robert will look for website details and login account.



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ACTION ITEM 2024_05_03	Reimbursement of expenses or request of approved funds allocated to awards, using MS Forms		Forms available for test and feedback. For Awards: https://forms.gle/fvXBJWq2t4Re8ovy5 For Events: https://forms.gle/THMF8eLyb5k3mQBTA
ACTION ITEM 2024_05_04	IEEE 140-year anniversary celebration together with QLD Section 40-year anniversary		Draft proposal created by Tapan Saha was approved in April's meeting. Mike requested to be included as member of the organising committee. Tapan will try to bring people from headquarters as guests.
ACTION ITEM 2024_05_05	Purchase of plaques for year-end celebration		On going
ACTION ITEM 2024_05_06	Improvements and updates on section's website		On going
ACTION ITEM 2024_05_07	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 response and a further meeting will be organised with them.

BUDGET REQUESTS

Item No.	Date	Request	Requested amount	Approved
HKN Mu Kappa Chapter	14 May 2024	Catering for AGM and election ceremony, as well as the inducting of new members	\$150	Yes