



QUEENSLAND SECTION

THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC.

ARBN 078 576 495

Mr. Om Perakash— Section Chair IEEE Queensland.	Dr. Chandima Ekanayake—Secretary IEEE Queensland
Phone:	Phone: 0733653762
Email: opbatra2kn@gmail.com	Email: chandima@ieee.org

Minutes of Meeting **May** 2023

Date:9/05/2023

Attendance:

Office	Officer name	Present	Apology	Absent
Chair	Om Perakash	<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	Chandima Ekanayake	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Treasurer	Jennifer Zapata Giraldo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Immediate Past Chair	Alexandra Posoldova	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Newsletter Editor	Michael 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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Membership Development chair	Sudarshan Dahal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Awards & Recognition		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Student Activities Chair	Hui Ma	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Educational Activities Chair	Daniel Eghbal	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Engineers Australia Liaison	Tapan Saha	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Community Manager	Jennifer Zapata Giraldo	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Women in Engineering Chair	Punam Pawar	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Women in Engineering (Vice chair)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Women in Engineering (Secretary)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aerospace and Electronic Systems Chapter Chair	Vaughan Clarkson	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Aerospace and Electronic Systems Chapter (VC)	Robert Kennedy	<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 R 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 Chapter Chair	Brian Lovell	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer Chapter (VC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer Chapter (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Computer Chapter (Industry Engagement)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Sys/Robo & Auto Chapter Chair	Thierry Peynot	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Control Sys/Robo & Auto Chapter (VC)	Alejandro M-Calderon	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Control Sys/Robo & Auto Chapter (Sec)	Navinda Kottege	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Engineering in Medicine & Biology Chapter Chair		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering in Med & Biology Chapter (VC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Engineering in Med. & Biology Chapter (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MTT/AP Chapter Chair	Hugo Espinosa	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MTT/AP Chapter (VC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MTT/AP Chapter (Secretary)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power & Energy Chapter Chair	Feifei Bai	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Power & Energy Chapter (VC)	Nilesh Modi	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Power & Energy Chapter (Secretary)	Nadali Mahmoudi	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Women in Power rep.	Indira Alcaide-Godinez	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



QUEENSLAND SECTION

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ARBN 078 576 495

Power & Energy Chapter Treasurer	David Batterham	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Power and Energy Chapter (Student rep)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Signal Pro & Comms Chapter Chair	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"/>
IA/IE/PEL Chair	Dezso Sera	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IA/IE/PEL VC	Mahinda Vilathgamuwa	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IA/IE/PEL Treasurer	Dulmini Karunathilake	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IA/IE/PEL Secretary	Junwei Lu	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Blockchain and IoT Chair		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blockchain and IoT VC		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Blockchain and IoT Secretary		<input type="checkbox"/>	<input type="checkbox"/>	<input 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		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Young Professionals (VC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Young Professionals (Sec)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Student Counsellor QUT	Ghavamaddin Nourbakhsh	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Student Counsellor UQ	Richard Yan	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Student Counsellor GU-GC	Stephen So	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Student Counsellor GU-Nathan	Hugo Espinosa	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Student Counsellor USQ		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Student Counsellor CQU – Brisbane		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Student Counsellor CQU – Rockhampton	Lasitha Piyathilake	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
UQ Student Branch Chair	Deren Teo	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ Student Branch Vice Chair	Wendi Ma	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ IEEE PES Student Branch Chair	Ge Zhang	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ IEEE PES Student Branch Vice Chair	Ning Ma	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ IEEE PES Student Branch Secretary	Jiajie Feng	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
UQ IEEE PES Student Branch Treasurer	Shijie Yao	<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 Vice Chair		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
QUT Student Branch Secretary		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
QUT Student Branch Treasurer		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch Chair (GC)	Andrew Jensen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith Student Branch Vice Chair (GC)	Angus Brawley	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith Student Branch Secretary (GC)	Timothy Tadj	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith Student Branch Treasurer (GC)	Zack Budai	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith Member Engagement Coordinator(GC)	Medina Jenkins	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith Events Coordinator(GC)	Victoria Belmont	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith Administrator(GC)	Madeline Abio	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Griffith Student Branch Vice Chair (GC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch Secretary (GC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch Treasurer (GC)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch Chair (Nathan)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Griffith Student Branch Vice Chair (Nathan)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IEEE HKN Mu Kappa Chapter Chair	Samuel Moll	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IEEE HKN Mu Kappa Chapter Vice Chair	Yunda Xu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



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THE INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS INC.

ARBN 078 576 495

IEEE HKN Mu Kappa Chapter Secretary	Hankun Cui	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
IEEE HKN Mu Kappa Chapter Treasurer	Linfeng Liu	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IEEE HKN Mu Kappa Chapter Media officer	Christopher Malau	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Life Members Chair	John Gough	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Section Historian	Om Perakash	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- 1. Welcome from Om.**
- 2. Attendance and apologies.**

As noted.

- 3. Confirmation of agenda.**

Om proposed

Brian seconded

- 4. Acceptance of minutes of the last meeting.**

Minutes of the last meeting were circulated and approved.

Proposer: Om

Seconded: Brian

- 5. Business arising from the last meeting.**

Om has informed that Australia council has agreed in principle that TENCON 2025 bid will only be submitted by the Queensland section. Brian will initiate the submission with BCEC.

- 6. Reports from the Section committee:**

- **Chair –**
- 3 term deposits are currently having low interest rates. Chair requested cancel the existing terms with a penalty of less than \$50 and invest at a higher interest rates. Committee approved.
- AES radar course – request to increase the initial section seed money up to \$3000. Proposer Om, seconded by Chandima.
- HKN expenses of \$205 for the Arduino workshop has been approved.
- Payment of \$568.20 and the associated bank cost for the DL visit of SPC chapter has been approved.
- Request more volunteers to join the committee.
- Proposed to initiate AGM arrangements. Proposed BCEC as the venue and requested Vice Chair to comeup with couple of potential dates and potential speakers AGM. Early booking with BCEC is encouraged.
- **Vice Chair**
No report
- **Secretary**

No report

- **Treasurer:**

No report

- **Newletter Editor:**

No report

- **Webmaster**

Updated all archived minutes. Requested committee members to provide all photos.

- **Awards and Recognitions**

- **Professional Activities:**

- **Student Activities**

Hui has proposed a plan on AI application in Energy competition. **Committee has approved \$800 for this event.**

- **Membership Development**

Om has received promotional material and can collect from him if anyone is looking for those material. Member retention has to be prioterised. Request Sudharshan to approach the members who didn't renew the membership. Need to comeup with new strategies to attract members.

- **Educational Activities:**

- **Engineers Australa liaison**

- **Community manager**



QUEENSLAND SECTION

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7. Student Chapter Activities

6.1 UQ

6.2 UQ PES

6.3 QUT

6.4 GU (GC)

6.5 GU (Nathan)

6.6 CQU

6.7 USQ

8. Chapter and Affinity Group reports**7.1 Aerospace and Electronic Systems**

Proposed Radar workshop will run in 28th and 29th August at BCEC. Included Matlab workshop to enhance the number of participants.

7.2 Computational Intelligence**7.3 Computer Society:**

Organising a DL talk with Professor Raja Jurak from Queensland University of Technology. Dates will be confirmed. MJR will serve as the vice chair of the computer chapter.

7.4 Control Systems/Robotics & Automation**7.5 Engineering in Medicine & Biology****7.6 Microwave Theory & Techniques/Antennas & Propagation****7.7 Power and energy and DEIS joint chapter –**

Two events in June.



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Event 1 (6 June 2023): Super Technical Session Seminar+networking event (topic: Converter-driven Oscillations in Power Grid with High Renewable Energy Penetration)

Speakers: Four industry speakers have been invited from AEMO, Powerlink, EQL, and EPEC Group. One speaker (Dr Nilesh Modi) from AEMO is an IEEE DL.

Total requested funding: \$400 (If every event has been approved for \$200, we will request \$200 extra for this event.) - Approved

Event 2 (19 June 2023): Host IEEE distinguished lecturer Dr Jessica Bian (PES president) to visit Brisbane for one day

Total requested funding: \$500. – Approved

7.8 Power Electronic/Industrial Electronics/ Industry Applications

7.9 Signal Processing/Communications

7.10 Young Professionals

Two passed IEEE student members (Ebby Thomas and Lakshith Naranpanawa) will join the young professionals committee. Working with Ashan Bandara (R 10 Young Professionals activity coordinator) and the new committee to organise couple of events.

7.11 Women In Engineering

7.12 IEEE HKN Mu Kappa Chapter

Updated the seminar to be given by Prof. Green's visit. Number of executives from UQ are also attending the event. Prof. Green is very high profile scientist. Prof. Green is joining online. Trying 120 participants. Budget for 120 participants (\$1200) is approved. Section has requested to provide a report based on this seminar.



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7.13 Blockchain IoT

7.14 Life Members

John is planning to organising 4 events. Working with MJR.

9. Any other business

Om is working on organising a site visit to Gilmore space facility.

Brian will continue to work on TENCON 2025 proporsal.

10. Next meeting:

13/06/2023

ACTION LIST

Actions shaded dark have been either completed or cancelled

(Numbering Scheme: Year_Month_action number)

Action No	Description	Expected Completion Date	Status
ACTION ITEM 2023_02 _04	Jen circulate an email with the link to Canva and members will look at the benefits.	14 March 2023	On going



QUEENSLAND SECTION

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ACTION ITEM 2023_03 _03	Update bank account signatures by the treasurer	11 April	On going
ACTION ITEM 2023_04 _01	Submit a proporsal on a student competition on AI application for energy (Hui Ma)	9 May	Completed
ACTION ITEM 2023_04 _02	Update on AESS short course on Radar target tracking (Vaughan)	9 May	Completed
ACTION ITEM 2023_04 _03	Request the Australia council approval for TENCON 2025 biding (Om)	9 May	Completed
ACTION ITEM 2023_04 _04	Detailed proporsal on the seminar by Prof. Green (HKN)	9 May	Completed
ACTION ITEM 2023_05 _01	TENCON 2025 bid preparation (Brian)		
ACTION ITEM 2023_05 _02	Re-invest three term deposits is fixed deposits (Om)		
ACTION ITEM 2023_05 _03	AGM preparation (Rahul)		
ACTION ITEM 2023_05 _04	Approach members who haven't renewed the membership (Sudharshan)		
ACTION ITEM 2023_05 _05	A report on Prof. Green's seminar (HKN)		
ACTION ITEM 2023_05 _06	Organising Gilmore space visit (Om)		



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BUDGET REQUESTS

Item No.		Date	Request	Requested amount	Approved
BUDGET 2023_05_01	APPROVED	09/05/2023	Refundable seed money for AESS short course on Radar target tracking has been increased upto 3000	Up to \$3000	Yes
BUDGET 2023_05_02	APPROVED	09/05/2023	HKN expenses on Arduino WS has been approved	\$205	Yes
BUDGET 2023_05_03	APPROVED	09/05/2023	DL accommodation and other associated local costs by SPC (Increased from the initial budget of \$500)	\$568.20 + bank cost	Yes
BUDGET 2023_05_04	APPROVED	09/05/2023	AI application in Energy competition by student activities chair	\$800	Yes
BUDGET 2023_05_05	APPROVED	09/05/2023	PES Super Technical Session Seminar+networking event	Up to \$400	Yes
BUDGET 2023_05_06	APPROVED	09/05/2023	PES DL visit	Upto \$500	Yes
BUDGET 2023_05_07	APPROVED	09/05/2023	HKN Prof. Green's seminar cost for 120 people	Upto \$1200 for 120 people	Yes



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