IEEE Jordan Section

Dr. Ala’ Khalifeh, Section chair

Section Vitality
Please provide information about the date of last Section elections, date of next elections, and do you have the practice of Vice-Chair becoming the next Section Chair. Section ExCom meetings (list them and provide brief summary if appropriate). List the activities carried out to retain and recruit members and the results obtained.

Answers
Date of last Section elections: DEC 2021
Date of next elections (Oct 2023: Tentative)
Do you have the practice of Vice-Chair becoming the next Section Chair: No.
Section ExCom meetings
Answer:
Year 2022: 9/2/2022, 29/3/2022, 24/5/2022, 22/6/2022, 6/10/2022

Students
List of Student Branches (SB) in your Section, the newly formed or dissolved SBs, if any since the last meeting reporting (Oct 2020). List the student meetings held and Section activities addressed to Students and Young Professionals.

Answer

List of Student Branches (SB) in your Section:

1. Al-Balqa Applied University (192)
2. Jordan University of Science & Technology (214)
3. University of Jordan (173)
4. Princess Sumaya University for Technology (91)
5. Yarmouk University (158)
6. Al-Balqa Applied University - Center (2)
7. University of Petra (18)
8. Hashemite University (74)
9. Mutah University (62)
10. Al-Zaytoonah Univ Of Jordan (40)
11. Philadelphia Univ (15)
12. Al-Huson University College (29)
13. Al-Hussein Technical University (23)
14. Tafila Technical University (48)
15. Al-Hussein Bin Talal University (31)
16. Applied Science University (35)
17. German Jordanian University (67)
18. Al Al-Bayt University (10)
19. Al-Ahliyyah Amman University (2)
20. Applied Science University (35)

The newly formed or dissolved SBs:
None.

But we are working to open a new SB in several universities (e.g. American University in Madaba, Al-Abait university, Middle East University, Zarqa University, etc.)
International women day event and celebration

Field trip to a chalkboard manufacturing facility

Google cloud computing seminar
Problem solving workshop
LinkedIn workshop
Linkedin Workshop
Raneem Al-Ramahi

Google Meet
Wednesday 22/2
07:00 - 08:00

Microsoft workshop
Affinity Groups
List of Affinity Groups (YP, LM, WiE, SIGHT, etc.), list of SB AGs, newly formed or dissolved AGs/SB AGs, if any since the last meeting reporting (April 2022). List the activities intended to support affinity groups.

Answer
We have two Affinity Groups:
- Women In Engineering (WiE)

More events can be found on

https://www.facebook.com/groups/IEEEJordanSection

https://www.facebook.com/IEEEJO
- Young Professional (YP).
- Life Member (LM)

### WIE selected activities

#### Past activities

**February 2023 workshops series**

<table>
<thead>
<tr>
<th>Theme</th>
<th>Date</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical</td>
<td>14-2-2023</td>
<td>How to Conduct Scientific Research</td>
<td>Dr. Rula Alrawashdeh</td>
</tr>
<tr>
<td></td>
<td>21-2-2023</td>
<td>How to Design Your First Project</td>
<td>Dr. Shefa Tawalbeh</td>
</tr>
<tr>
<td></td>
<td>26-2-2023</td>
<td>How to write CV</td>
<td>Prof. Sahar Idwan</td>
</tr>
<tr>
<td>Self-development</td>
<td>19-2-2023</td>
<td>Time Management Skills</td>
<td>Dr. Yusra Obiedat</td>
</tr>
<tr>
<td></td>
<td>20-2-2023</td>
<td>Entrepreneurship</td>
<td>Dr. Ola Taani</td>
</tr>
<tr>
<td></td>
<td>23-2-2023</td>
<td>Engineering Skills</td>
<td>Dr. Esraa Al-Sharoa</td>
</tr>
</tbody>
</table>

**Qualification Series**

<table>
<thead>
<tr>
<th>Theme</th>
<th>Date</th>
<th>Title</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>12-3-22</td>
<td>Info about WIE Affinity Group</td>
<td>Eng. Rana Remedeen</td>
</tr>
<tr>
<td>Self-development</td>
<td>26-3-22</td>
<td>Communication skills</td>
<td>Dr. Yusra Obiedat</td>
</tr>
<tr>
<td></td>
<td>09-4-22</td>
<td>Teamwork skills</td>
<td>Dr. Yusra Obiedat</td>
</tr>
<tr>
<td></td>
<td>2-7-22</td>
<td>How to market yourself</td>
<td>Eng. Dima Saeh</td>
</tr>
<tr>
<td>Branch-development</td>
<td>21-5-22</td>
<td>Strategic planning</td>
<td>Eng. Ruba Ahmad</td>
</tr>
</tbody>
</table>
Past activities

- Attended several events for WIE AG opening in some Jordanian Universities
- 28-3-2022: Mutah University Branch
- 8-3-2023: JUST University Branch

Past activities

- 24-2-2022: Meeting with Arabs’ WIE chairs- WIE in Arab Countries linked together to plan for further cooperation in future.
- 9-2-2023 Meeting with the chairs of universities student WIE AGs.
Past activities

- Several Administrative meetings (Virtual or face to face)
IEEE Young Professionals Jordan AG

IEEE Young Professionals Gathering 2022

IEEE Young Professionals Jordan AG

Xpand Conference
Xpand software development conference is focused on gathering the best of MENA’s software community for a deep dive into the latest topics and trends in the field of software development.

IEEE YP Jordan was a partner at this conference.
IEEE Young Professionals Jordan AG

JobStack Event

The largest Tech Community in Middle East & Africa where tech gurus, entrepreneurs, investors, and enterprises meet.

IEEE Young Professionals Jordan was a Partner at this event.

IEEE Young Professionals Jordan AG

IEEE Middle East & North Africa Comm 2022
Chapters
List of Chapters and SB Chapters in your Section, the newly formed or dissolved Chapters, if any since the last meeting reporting (April 2022). Indicate how many have reported on time and received rebate. Highlight some of the activities.

List of chapters:
- Jordan Section Jt Chap,PE31/DEI32
- Jordan Section Jt Chap,CIS11/C16
- Jordan Section Chapter, RA24
- Jordan Section Jt. Chapter,SP01/COM19
• Jordan Section Chapter, COM19
• Jordan Section Chapter, EMB18
• Jordan Section Chapter, IA34

List of students' chapters

• Al-Balqa Applied Univ, C16
• University of Jordan, RA24
• University of Jordan, PE31
• Tafila Technical University, PE31
• Al-Balqa Applied Univ, RA24
• Yarmouk Univ, PE31
• Al-Balqa Applied University, COM19
• Al-Balqa Applied Univ, PE31/IA34
• University of Jordan, COM19
• Jordan Univ of, C16
• Yarmouk Univ, RA24
• Yarmouk University, EMB18
• Yarmouk University, C16
• Princess Sumaya University for Technology, COM19
• Al-Balqa Applied University, SP01
• Yarmouk University, IA34
• Hashemite University, PE31/IA34
• Hashemite University, EMB18
• Yarmouk Univ, COM19
• Princess Sumaya University for Technology, RA24
• Princess Sumaya University for Technology, C16
• Jordan University of Science & Technology, PE31
• Hashemite University, RA24
• Hashemite University, C16

Selected activities
Jordan Joint Chapter of the IEEE Computer and Computational Intelligence Societies

Gheith Abandah, Chair
Hamed Fawareh, Vice Chair
Anas Al Majali, Secretary

Acheivements in 2022 (1)

   - Dr. Manal Jalloul, NVIDIA, NVIDIA’s.
   - The University of Jordan + Virtual.
   - In collaboration with Developing Curricula for Artificial Intelligence and Robotics (DeCAIR).
Acheivements in 2022 (2)

2. **IEEE CS-DeCAIR Workshop on AI: Hardware Acceleration**
   (May, 2022)
   - Dr. Manal Jailou, NVIDIA, NVIDIA’s AI Ecosystem: How AI is Brought to Life by NVIDIA
   - Amman, Jordan + Virtual.

Acheivements in 2022 (4)

4. **IEEE CS-DeCAIR Workshop Part 2 of 2**
   (December, 2023)
   - Craig Hafez, Killer Robots: Removing FUD from Cyber-Physical Security
   - Dr. Stefano Zanero (Keynote Speaker), IEEE Computer Society Distinguished Visitor Program (DVP).
   - The Hashemite University, Jordan.
Achievements in 2022 (5)

5. IEEE CS-DeCAIR
   Workshop Part 2 of 2
   (December, 2022)
   • Breaking the Laws of Robotics: Attacking Industrial Robots
   • Dr. Stefano Zancre (Keynote Speaker) IEEE Computer Society Distinguished Visitor Program (DVP)
   • Amman, Jordan + Virtual.
   • In collaboration with IEEE HU SR.

Presenter:

Prof. Mohammad Salah, IEEE Senior Member
  • Vice Chair of IEEE Jordan Section, 1/1/2022-present
  • Treasurer of IEEE Jordan Section, 1/1/2020-31/12/2021
  • Chair of IEEE RAS Jordan Chapter, 1/1/2021-12/2015 and 1/1/2020-present
  • Founder and Interim Chair of IEEE RAS Jordan Chapter, 9/2012-12/2012
  • Advisor of IEEE RAS HU Student Chapter, 1/2014-12/2014 and 1/1/2020-present
  • Vice Chair of IEEE Young Professionals Affinity Group of Jordan Section, 1/1/2014–12/2015
  • Chair of IEEE Young Professionals Affinity Group of Jordan Section, 6/2012/2013

Mechatronics Engineering Department
The Hashemite University
IEEE RAS Chapters in Jordan

- **Jordan Chapter (JC)** was established in 2012
- JC has currently **179** total active members
  - 5 members
  - 6 senior members
  - **168** student members
- There are currently **8 Student Chapters**:
  - University of Jordan
  - Jordan University for Science and Technology
  - Princess Sumaya University for Technology
  - Al-Balqa Applied University
  - The Hashemite University
  - Yarmouk University
  - Tafila Technical University
  - Al-Hussain Technical University

Past Events in 2020

- **Virtual Lecture** titled with “Recent Research in Robotics” by Dr. Eric Diller of University of Toronto, Canada, 10/7/2020.
- **Virtual Lecture** titled with “Innovative Propulsion Packages for a New Transportation Era” by Dr. Mohamed Youssef of OntarioTech University, Canada, 23/7/2020.
- **Virtual Lecture** titled with “Inflatable Soft Robots: Interacting with the Environment” by Prof. Kaspar Althoefer of Queen Mary University of London, UK, 16/10/2020.
- **Virtual Lecture** titled with “Micro-Nano Robotic Systems in Biomedical Applications” by Dr. Yajing Shen of City University of Hong Kong, China, 26/10/2020.
- **Virtual Lecture** titled with “Magnetically-Actuated Flexible and Miniaturized Systems” by Prof. Sarthak Misra of University of Twente, Netherlands, 6/11/2020.
Past Events in 2021


- **Student Robot Competition** within the activities of JEEIT conference, Dead Sea, Jordan, 17/11/2021.

- **Virtual Lecture** titled with “From Industry 4.0 to Healthcare 4.0” by Prof. Jingshan Li of Tsinghua University in Beijing, China, 2/12/2021.

---

Past Events in 2022

Past Events in 2022

- **Ball Collector Challenge** in collaboration with IEEE_RAS_HU, The Hashemite University, Jordan, 24/3/2022.

Past Events in 2022

- Technical Sponsorship of the 3rd Fire Fighter Contest, PSUT, Jordan, 1/9/2022.

Past Events in 2022

Please visit our social media pages at:

https://www.facebook.com/groups/IEEEJordanSection

https://www.facebook.com/IEEEJO

Planned activities
Highlight some of the future activities and initiatives in your Section.

Answer
Jan 2023 to Dec 2023:
1. Members annual meeting
2. ExCom YP and SB Chairs meeting
3. IEEE Day 2023
4. Xpand Conference
5. Women's day (March 8 2023)
6. JSYP 2023
7. MYSYP 2023
8. MenaCOMM congress as part of the IEEE MenaComm conference that will take place on Dec 2023

How Region 8 can be of help to your Section, members, and activities
List any challenges your Section is facing and what support is required from the Region 8. Please, also, give us your suggestions for agenda items that you want to be discussed during the R8 Committee meeting.

Answer:
Provide more funding for SIGHT projects
By increasing the membership value (e.g. offering more free online courses with certificates to the members)

Any other issues of interest