

KURDISH MATHEMATICAL SOCIETY (KMS)

1st KMS Workshop on Applied Mathematics (KMSAM2023)

14.05.2023

To whom this may concern

The 1st KMS Workshop on Applied Mathematics (KMSAM2023) was held on May 07-09, 2023, with the main scope of helping to advance scientific research within the broad field of applied mathematics. This workshop focused on major trends and challenges in "Dynamical Systems" and "Geometrical and Topological Data Analysis", presented works aimed at identifying new directions of research. The workshop was organized by **Kurdish Mathematical Society (KMS)** as a collaboration with **University of Sulaimani**, **University of Salahaddin-Erbil**, **University of Raparin**, **University of Kurdistan-Hewler** and **University of Buckingham**.



Attachments:

- KMSAM2023 full program
- List of participants (160 participants)

Program (7-9 May, 40 minutes per talk)

1st Session: Dynamical Systems (1)

7 May, 2023

- **Workshop Opening**

Adil Kadir Jabbar (University of Sulaimani, Kurdistan-Iraq)

Talk 1. **Title:** *Hopf Bifurcation of 3D dimensional Systems*

Rizgar Salih (University of Raparin, Kurdistan-Iraq)

Talk 2. **Title:** *Dynamical System and Mathematical Modeling*

Hero Salih (University of Salahaddin, Kurdistan-Iraq)

Talk 3. **Title:** *Brain Network Model with Time Delay*

Bootan Mohammed Rahman (University of Kurdistan- Hewler, Kurdistan-Iraq)

1st Session (Continue): Dynamical Systems (2)

8 May, 2023

Talk 4. **Title:** *The Role of Mathematical Modelling in Understanding the COVID-19 Transmissions*

Sarbaz H. A. Khoshnaw (University of Raparin, Kurdistan-Iraq)

Talk 5. **Title:** *Integrability and Linearizability of a Family Three Dimensional Vector Fields*

Waleed Hussain Aziz (University of Salahaddin, Kurdistan-Iraq)

2nd Session: Geometrical and Topological Data Analysis (1)

8 May, 2023

Talk 6. **Title:** *Persistent Homology for Breast Tumour Analysis using Mammogram scans*

Aras Assad (University of Buckingham, UK)

2nd Session (Continue): Geometrical and Topological Data Analysis (2)

9 May, 2023

Talk 7. **Title:** *Topological Image Analysis for Computer Vision Applications*

Sabah A. Jassim (University of Buckingham, UK)

Talk 8. **Title:** *Singular value decomposition based matrix surgery*

Jehan Ghafuri (University of Buckingham, UK)

Organizers:

- **Chwas Abbas Ahmed**
University of Sulaimani
- **Wrya K. Kadir**
Simula UiB, Bergen, Norway
- **Andam Mustafa**
University of Salahaddin-Erbil

Approved: KMSAM2023 Organizers
kurdish.math.soc@gmail.com
<https://www.kurdmathsoc.org/1st-kms-workshop>
14.05.2023



Order	Full Name	Email	Affiliation	Attendance
1	Hanaw A Amin	hanaw.ammin@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
2	Ronak Mohammed Abdullah	runak.abdullah@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
3	Dilan Ahmed	dilan.ahmed@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
4	Rebwar Salih Muhammad	rebwar.muhammed@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
5	Rebaz Yaseen Taha	rebaz.taha@su.edu.krd	Salahhadin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
6	Suham Hamad Awla	suham.awla1@su.edu.krd	Salahhaddin university-Erbil	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
7	Payman Mahmood Hamaali	payman.hamaali@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
8	Nawaf Jaber Mohammed	nawafjaber80@yahoo.com	Ministry of Education / Directorate of Education of Basra	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
9	Asmahan Asaad Muhmood	asmahan.alnaseefi@uokufa.edu.iq	Kufa university	Day 1 (May 7th)
10	Shokhan Ahmed Hamasalih	shokhan.hamasalih@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
11	Ivan Dler Ali	evan.ali1@su.edu.krd	Salahhaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
12	Bahadin Muhammad Hussien	bahadin.hussien@uoh.edu.iq	University of Halabjah	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
13	Khabat Muhammed Saeed Rasoul	khabat.rasoul@gmail.com	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
14	Karwan Hama Faraj Jwamer	karwan.jwamer@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
15	Rafiq Salih Muhamma	rafiq.salih@garmian.edu.krd	University Of Garmian	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
16	Zhyar Ali	zhyar.ali82@gmail.com	University Of Garmian	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
17	Neshtiman N. Sulaiman	neshtiman.suliman@su.edu.krd	Salahhaddin University	Day 1 (May 7th), Day 3 (May 9th)
18	Shilan Othman Hussein	shilan.husen@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
19	Shazad Shawki Ahmed	shazad.ahmed@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
20	Nabeel Ezzulddin Arif	nabarif@tu.edu.iq	Tikrit University, Iraq	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
21	Abdullah Muhammed Abdul-Jabbar	abdullah.abduljabbar@su.edu.krd	Salahhaddin University-Erbil	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
22	Payman Abbas Rashed	payman.rashed@su.edu.krd	Salahhaddin University	Day 1 (May 7th)
23	Karwan Hama Faraj Jwamer	karwan.jwamer@univsul.edu.iq	University of Sulaimani	Day 3 (May 9th)
24	Bakhshan Amed Hamad	paxshan.ahmad1@su.edu.krd	Education colleges	Day 3 (May 9th)
25	Zhwan muhammed amen	zhwan.amen@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
26	Wrya Karim Kadir	wrya@simula.no	Simula UiB	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
27	Halgwrdr Mohammed Darwesh	halgwrdr.darwesh@univsul.edu.iq	Unifersity of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
28	Daher Waly Freh Al Baydli	daheralbaydli@uowasit.edu.iq	University of Wasit	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
29	Mohammed Rafiq Namiq	mohammed.namiq@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
30	Wlat Jalal hamad	wlat.hamad@soran.edu.iq	Soran University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
31	Niazy Hady Hussein	niazy.hussein@soran.edu.iq	Soran university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
32	Roshna Mohammed M Amin	roshn2008@gmail.com	University of Sulaimany	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
33	Gulnar wasim sadiq	gulnar.sadiq@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)

34	Honar Jamal Hamad	honar.hamad@soran.edu.iq	Soran University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
35	Aryan Ali Mohammed Arif	aryan.mohammed@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
36	Pishtivan Othman Sabir	pishtivan.sabir@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
37	Diyar Mohsin Mohamed	diyar.mohamed@univsul.edu.iq	Universty of Sulaimaniya	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
38	Sarkhel	sarkhel.mahmood@uoh.edu.iq	Universty of halabja	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
39	Avin Omer Karim	avin.karim@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
40	Mizal Hamad Alobaidi	mizalobaidi@tu.edu.iq	Tikrit University, Iraq	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
41	Sarfraz hassan salim	Sarfraz.salim@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
42	Hiwa Hussein Rahman	hiwa.rahman@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
43	SHILAN FAHMI AMIN	shilan.amin@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
44	Hero Waisi Salih	hero.salih@su.edu.krd	Salahaddin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
45	Saman Ahmed Bapir	saman.bapir@su.edu.krd	salahaddin university-erbil	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
46	Hardi Ali Shareef	hardy.shareef@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
47	Sozan saber Haider	sozan.haider@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
48	Yahya Hamid Muhammad	yahya.muhammad@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
49	Bawar Mohammed Faraj	Bawarfaraj@gmail.com	University of Halabja	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
50	Mudhafar Fattah Hama	mudhafar.hama@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
51	Tara Nawazad Ahmed Al Attar	tara.ahmad@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
52	Nwayyin Najat Mohammed	naween.muhammad@univsul.edu.iq	University of Sulaymaniyah	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
53	Mzhda Hiwa Hama	mzhda.hama@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
54	Abdulsalam Abdulla Ghadir	abdulsalam.abdulla@uniq.edu.iq	Qaiwan International University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
55	Mariwan Wahid Ahmed	mariwan.ahmed@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
56	dlsoz abdalkarim rashid	dlsoz.rashid@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
57	Zhyar Rzgar K Rostam	zhyar.rostam@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
58	Tara Qadr Kaka Muhammad	tara.qadir@univsul.edu.iq	University of Sulaimani	Day 3 (May 9th)
59	Mohammed Qader Kheder	mohammed.kheder@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
60	Mihran Abdulrahim muhammed	mihran.muhammad@univsul.edu.iq	University of Sulaimany	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
61	Aree Ali Mohammed	aree.ali@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
62	Hawbash Abas Nabi	hawbash.nabi@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
63	Mohammed Anwar Mohammed	mohammed.anwar@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
64	Basiya Kakawla Abdulrahim	basiya.kakawla@garmian.edu.krd	University of Garmian	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
65	Shwan Adnan Ali	shwan.adnan@garmian.edu.krd	University of Garmian	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
66	Rzgar Fariq Mahmood	rzgar.fariq@gmail.com	Assistant Lecturer	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
67	Keyvan salehi	K.salehi@massey.ac.nz	Massey University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)

68	Shorish Omer Abdulla	shorish.omer@gmail.com	University of Garmian	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
69	Yad Soran Tawfeeq	yadsoran11@gmail.com		Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
70	Pakhshan Mohammedameen Hasan	pakhshan.hasan@su.edu.krd	Salahaddin university-Erbil	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
71	Tahsin Ibrahim Rasul	tahsinrasul7@gmail.com	Soran University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
72	KARMAND KHDR AHMAD	Karmand.ahmad@soran.edu.iq	Soran University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
73	Hila Othman Hama Karim	hilal.hamakarim@univsul.edu.iq	Budapest University of Technology and Economics	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
74	Saiwan Majeed Fatah	saiwan.fatah@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
75	Rebwar Salih Muhammad	rebwar.muhammed@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
76	Neekar Majeed Mohammed	neekar.muhammed4@gmail.com	University of sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
77	Alias B. Khalaf	aliasbkhalaf@uod.ac	University of Duhok	Day 3 (May 9th)
78	Saad M. A. Al-Momen	saad.m@sc.uobaghdad.edu.iq	University of Baghdad	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
79	Ridha ghafoor karem	ridha.karem@univsul.edu.iq	University of sulaimani	Day 3 (May 9th)
80	Shaniar Tahir Mohammed	shaniar.muhammed@univsul.edu.iq	University Of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
81	Huda Y. Najm	huda.najm@uod.ac	Duhok University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
82	shno othman ahmed	shno.ahmed@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
83	Paree khan Abdulla Omer	pareekhan.omer@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
84	Nawroz Osman Hessean	nawrozosm@gmail.com	Kurdistan Institution	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
85	Shaida Anwer kakil	shaida.kakil@su.edu.krd	Salahaddin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
86	Nssar Abdulsalam Rauf	nssar.rauf@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th)
87	Namam Jalal Mahmoud	namam.mahmood@su.edu.krd	Salahaddin University-Erbil	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
88	Alle Abdulrahim Hussein	alle.hussein@univsul.edu.iq	University of Sulaimany	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
89	Samira Yousif Asoka	samira.asoka@su.edu	Salahadden university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
90	Shadman rahman kareem	shadman.rahman@koyauniversity.org	Koya university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
91	Barzan Nehmat Sabr	barzan.sabr@su.edu.krd	Salahaddin university	Day 3 (May 9th)
92	Miran Taha	miran.abdullah@univsul.edu.iq	University of Sulaimani	Day 3 (May 9th)
93	Khanda Hassan Ahmed	khanda.ahmed@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
94	Jala Muhamed Ahmed	jala.ahmed@su.edu.krd	Salahaddin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
95	Zmrood Asos othman	zmrood.othman@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
96	Sarbast Ahmed Mohammed	Sarbast.muhammed@soran.edu.iq	Soran university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
97	Hawchin Jabar Ahmed	hawchin.ahmed@soran.edu.iq	Soran University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
98	Adil Kadir Jabbar	adil.jabbar@univsul.edu.iq	University of Sulaimani	Day 3 (May 9th)
99	Yusra	yusra.salih@su.edu.krd	Sulaimani Polytechnic University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
100	Karwan Abubakr Muhammed	abubakrkarwan26@gmail.com		Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
101	Dlo khider ilyas	dloalyas89@gmail.com		Day 2 (May 8th)

102	Safa Ghazi Hameed	safa.hameed@su.edu.krd	Salahaddin University-Erbil	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
103	Salih Omer Haji	salih.haji@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
104	Hallo Mahmud Kaka Abdullah	hallo.sallay@su.edu.krd	Physics department	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
105	Sarwin yaseen hussein	sarwin.hussein@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
106	Ahmed Hassan Kurda	ahmed.kurda@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
107	Khdr Hamedamin Husen	khdr.husen@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
108	Goran Muhammad Khalil	goran.khalil@su.edu.krd	Salahaddin University-Erbil	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
109	Ahmed Ismael Samad	ahmed.samad@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
110	Abdullah Othman Hamza	abdulla.hamza@su.edu.krd	University of salahaddin	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
111	Ashna mohsin sedeeq	ashna.sedeeq@soran.edu.iq	University of Soran	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
112	Mohammed Issa Hussein	mohamm.hussein@su.edu.krd	Salahaddin University	Day 3 (May 9th)
113	Adeeb Omer Jafir	adeeb.jafir@su.edu.krd	Salahaddin university-erbil	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
114	Ahmed	ahmed.muhammad@su.edu.krd	University of Salahaddin	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
115	Areej Salah Mohammed	areej.s.m@lhcoedu.uobaghdad.edu.iq	University of Baghdad	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
116	Hevi Hama Amin Sedeeq	hevi.sedeeq@univsul.edu.iq	University of Sulimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
117	Haval M. Mohammed Salih	havalmahmood07@gmail.com	Soran University	Day 2 (May 8th)
118	Abdulqader Othman Hamadameen	abdulqader.othman@koyauniversity.org	KOU/ FSCH/DMAT	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
119	Botan Jawdat Abdullah	botan.abdullah@su.edu.krd	Salahaddin University-Erbil	Day 1 (May 7th), Day 2 (May 8th)
120	Aveen Fikret Ahmad	aveen.ahmad@su.edu.krd	Sallahaddin universityfro	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
121	Snoor Othman Abdalla	snoor.abdalla@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
122	Parween Ali Hummadi	parween.hummdi@su.edu.krd	Salahaddin University	Day 3 (May 9th)
123	Najem Abdallah Mohammad	najem.mohammad@koyauniversity.org	Koya University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
124	Kosrat Husman	kosrat.husman@uor.edu.krd	University of Raparin	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
125	Sozan Fuad Aziz	sozan.aziz@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
126	Amina Hassan ALI	amina.ali@univsul.edu.iq	Sulaimani univrsity	Day 1 (May 7th)
127	Mardan Ameen Pirdawood	mardan.ameen@koyauniversity.org	Koya University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
128	Sarbaz Hamza Abdullah Khoshnaw	sarbaz.hamza@uor.edu.krd	University of Raparin	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
129	Hedayat Mohammadsharif Sharifi	hedayat.mohammad@uor.edu.krd	Raparin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
130	Safar saeed Mohammed	safar.saeed@uor.edu.krd	University of raparin/Iraq	Day 1 (May 7th)
131	Hero mawlood Salh	hero.salh@univsul.edu.iq	University of sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
132	Nafya Hameed Mohammed	nafya.mohammad@uor.edu.krd	University of Raparin	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
133	Saadiya Zrar	saadiya.rashid@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
134	Awaz Kakamam Muhammad	awaz.mum@su.edu.krd	Salahaddin university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
135	Saja Ataallah Muhammad	saja.muhammed@su.edu.krd	Salahaddin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)

136	Kamal Ahmad Khidir	kamal.ahmed@uor.edu.krd	University of Raparin	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
137	PESHAWA BABAKR BRAIM	peshawa.babakr@uor.edu.krd	University of Raparin	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
138	Azhi Sabir Mohammed	azhi.sabir@uor.edu.krd	University of Raparin	Day 1 (May 7th), Day 2 (May 8th)
139	Rashad Rashid Haji	rashad.haji@su.edu.krd	Salahaddin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
140	Najmadeen Mohammed Saeed	najmadeen_qasre@uor.edu.krd	University of Raparin	Day 1 (May 7th), Day 2 (May 8th)
141	Mohammed Othman AHMED	mohammed.othman@uor.edu.krd	University of Raparin	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
142	Zhalla Bahzad Ahmed	zhalla.bahzad@spu.edu.iq	SPU	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
143	Amal Hade Nadir	amal.nader@su.edu.krd	Sallahaden university	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
144	Sarah Behnam Aziz	sarah.aziz@su.edu.krd	Salahaddin university	Day 1 (May 7th)
145	Dosti Aziz	dosti.aziz88@gmail.com	BME	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
146	Sarbast Hussein Mikaeel	sarbast.mikael@soran.edu.iq	Applied Mathematics	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
147	KOSRET BAPIR BEG ZADE	kosret.begzade@uor.edu.krd	Raparin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
148	DLER MUSTAFA KHIDHR	dlr2009stat@gmail.com	Salahaddin University	Day 2 (May 8th), Day 3 (May 9th)
149	Mohammad Shami Hasso	mohammad.shami@koyauniversity.org	Koya University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
150	Ismael akray	ismael.akray@soran.edu.iq	Soran university	Day 2 (May 8th), Day 3 (May 9th)
151	Soran Jalal Abdalla	soran_s86@yahoo.com	University of raparin	Day 2 (May 8th), Day 3 (May 9th)
152	Hardi nasraddin aziz	harde.aziz@univsul.edu.iq	University of sulaimani	Day 2 (May 8th)
153	Diyar Mohsin Mohammed	diyar.mohamed@univsul.edu.iq	University of Sulaimani	Day 3 (May 9th)
154	Rafiq Salih Muhammad	rafiq.salih@garmian.edu.krd	University of Garmian	Day 1 (May 7th), Day 2 (May 8th)
155	Barzan Nehmat Sabr	barzan.sabr@su.edu.krd	Salahaddin university	Day 3 (May 9th)
156	Chwas Abbas Ahmed	chwas.ahmed@univsul.edu.iq	University of Sulaimani	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
157	Andam Ali Mustafa	andam.mustafa@su.edu.krd	Salahaddin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
158	Rizgar Haji Salih	rizgar.salih@uor.edu.krd	University of raparin	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
159	Waleed Hussain Aziz	Waleed.Aziz@su.edu.krd	Salahaddin University	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)
160	Bootan Mohammed Rahman	bootan.rahman@ukh.edu.krd	University of Kurdistan-Hewler	Day 1 (May 7th), Day 2 (May 8th), Day 3 (May 9th)