

Minutes of the Meeting

22nd (Special) Meeting of Faculty Research Committee (FRC)

held on

**14th June 2024
Through MS Teams**



Faculty of Engineering Sciences

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Reference Designators & Terms

These designators/terms are meant to introduce clarity, standardization and ease of reference while consulting or referring to this document.

Item Number	<u>Item oo, nn</u> Where oo = ordinal sequence of FRC Meeting nn= serial number of items in that FRC Meeting Example: Item 1712 means Item No. 12 of 17 FRC Meeting
Decision on a New Item	<u>Decision oo, nn</u> Example: Decision 1712 means Decision on Item 1712 Example: Decision 1712.b means Decision 1712, Clause 'b' Example: Decision 1712.b.2 means Decision 1712, Clause 'b', sub-clause '2'
Decision on a Previous Item	<u>Decision o₂ (oonn)</u> Example: Decision 17 (1512) means decision taken by 17 FRC Meeting on the prevision review item 1512. Example: Decision 17 (1512) b means decision taken by 17 FRC Meeting on the prevision review item 1512 clause 'b' Example: Decision 17 (1512) b.3 means decision taken by 17 FRC Meeting on the prevision review item 1512 clause 'b' sub clause '3'
Action	Authority, Entity, Official, Person, Unit, Dept, Office, etc. required to implement the Decision
Responsibility	The supra single Authority, Entity, Official, Person, etc. required to: <ul style="list-style-type: none">a. Coordinate the actions taken by the Authorities, Entities, Officials, Persons, Units, Depts., Offices listed against the action.b. Report to the Council the progress on the matter, through periodic progress reports and at the meeting of the Council.c. Be overall responsible to the Competent Authority, and the Council, for the case/issue/point/item he or she has been made responsible for.
Deadlines	Any time period deadlines shall count from the date of issue of the minutes. Time period in days shall imply working days.

List of Attendees

1.	Dr. Faisal Bashir Hussain	Dean ES	Chair
Bahria University Islamabad Campus			
2.	Dr. Shehzad Khalid	Principal BSEAS BUIC H-11/ HoD CE Dept.	Member
3.	Dr. Arif ur Rahman	HoD CS Dept. E-8	Member
4.	Dr. Junaid Imtiaz	HoD EE Dept.	Member
5.	Dr. Syed Umair	HoD E&ES Dept.	Member
6.	Dr. Adeel M Syed	HoD SE Dept.	Member
7.	Dr. Moneeb Gohar	HoD CS Dept. H-11	Member
Bahria University Karachi Campus			
8.	Dr. Sohaib Ahmed	Principal BSEAS BUKC	Member
9.	Dr. Syed Safdar Ali	HoD CS Dept.	Member
10.	Dr. Mukesh Kumar Maheshwari	HoD EE Dept.	Member
11.	Dr. Salma Hamza	HoD E&ES Dept.	Member
12.	Dr. Hina Shakir	HoD SE Dept.	Member
Bahria University Lahore Campus			
13.	Dr. Khawaja Qasim Maqbool	HoD CS Dept.	Member

Proceedings

1. The proceedings commenced at 1100 hrs. on 14 June 2024 with recitation of few verses from the Holy Quran and Darood Shareef ﷻ.

Opening Remarks

2. Chair FRC welcomed the participants at the three campuses.

Item No. 2201: Appointment/Change of PhD Supervisors & Advisory Committee

Sponsor: HoD EE BUKC, HoD SE BUIC H-11, HoD CS BUIC E-8

Referral Authority: DRC

Summary of the Case:

3. HoD EE, BUKC presented the case of PhD Scholar Mr. Rana Saeed Ahmad (02-281181-001) for the change of the supervisor & advisory committee.
4. HoD SE, BUIC-H11 presented the case of PhD Scholar Mr. Shah Hussain (01-281232-001) for the appointment of the supervisor and advisory committee.
5. HoD CS, BUIC-E8 presented the case of PhD Scholar Ms. Abeer Iftikhar (01-284202-001) for the change of supervisor & advisory committee.

Discussion:

6. HoDs from the respective departments of Faculty of Engineering Sciences presented the cases of PhD Scholars and all proposed supervisors were relevant and recommended by RAC FoES.

Decision 2201:

7. Following decisions were undertaken by FRC:
 - a. On the recommendations of the respective DRC's, FRC approved the appointment of the supervisors & advisory committee. The details of candidates and appointed supervisors are listed in [Annex-I](#).

Action Required	Action By	Responsibility
Implementation of Decision – a	PGP Coordinators	Concerned HoDs

8. *Point Dropped.*

Item No. 2202: Comprehensive Exam of PhD Scholar

Sponsor: HoD SE BUIC H-11

Referral Authority: DRC

Summary of the Case:

9. The courses and examiners for the comprehensive exam of PhD Scholar Mr. Shah Hussain (01-281232-001) PhD SE was presented by respective HoD.
10. It was appraised that the scholar will be completing his course work in Spring-24 and will be ready for the comprehensive exam.

Discussion:

11. FRC was requested to select appropriate courses and to appoint examiners for the conduct of comprehensive exam for the scholar.

Decision 2202:

12. Following decisions were undertaken by FRC:
 - a. On recommendations of the respective DRCs, FRC appointed panel of examiners and identified relevant courses for the PhD comprehensive exam of Mr Shah Hussain (01-281232-001). The approved examination panel & courses are listed at [Annex II](#).

Action Required	Action By	Responsibility
Implementation of Decision – a	PGP Coordinators	Concerned HoDs

13. Point Dropped.

Item No. 2203: Recommendation of Foreign Evaluators for PhD Candidates

Sponsor: **HoD E&ES BUIC H-11**

Referral Authority: **DRC**

Summary of the Case:

- 14.** Recommendation of Foreign Evaluators for PhD Candidates of Faculty of Engineering Sciences as forwarded by respective DRCs.

Discussion:

- 15.** Cases of PhD scholars listed in [Annex-III](#) were presented and FRC was requested to recommend the foreign evaluators for subsequent evaluation of the thesis.
- 16.** It was highlighted that the said allocations have already been recommended by previous FRC but due to the change in the QS ranking of some Universities (above 500), the previously recommended foreign evaluators need to be replaced.

Decision 2203:

- 17.** Following decisions were undertaken by FRC:
- On recommendation of the respective DRCs, FRC recommended the foreign evaluators for the PhD thesis of the presented candidates. Details of candidates and the recommended evaluators are listed in [Annex-III](#).

Action Required	Action By	Responsibility
Implementation of Decision – a	PGP Coordinators	Concerned HoDs

18. Point Dropped.

Item No. 2204: Recommendation of Examiners for PhD Final Thesis Defense (FTD)

Sponsor: **HoD CS BUIC E-8**

Referral Authority: **DRC**

Summary of the Case:

- 19.** Recommendation of Examiners for PhD Final Thesis Defense (FTD) of PhD CS Scholar Saneeha Khalid (01-284172-002) as recommended by respective DRCs.

Discussion:

- 20.** The following list of examiners were presented for the FTD of the candidate.

Name	Title	Supervisor	PhD Final Thesis Defense Examiners
Saneeha Khalid (01-284172-002) PhD CS BUIC E-8	“Obfuscated Android Malware Detection using Dynamic Analysis Techniques”	Dr. Faisal Bashir Hussain	1. Dr Muazzam Khan Khattak - QAU [30_HERC_3010_27_CS12] 2. Dr Kashif Kifayat- Air University [30_HERC_3010_27_CS39] 3. Dr Muhammad Shiraz – Federal Urdu University [30_HERC_3010_27_CS40] 4. Dr Irfan_ul Haq - PIEAS [30_HERC_3010_27_SE11] 5. Dr Sajjad Khan - IIUI [30_HERC_3010_27_CS52] 6. Dr Zunera Jalil – Air University [32_HERC_3214_vii]

Decision 2204:

- 21.** Following decision were undertaken by FRC:
- FRC approved the following examiners for the Final Thesis Defense of Saneeha Khalid (01-284172-002) PhD CS BUIC E-8.

Name	Title	Supervisor	PhD Final Thesis Defense Examiners
Saneeha Khalid (01-284172-002) PhD CS BUIC E-8	"Obfuscated Android Malware Detection using Dynamic Analysis Techniques"	Dr. Faisal Bashir Hussain	1. Dr Muazzam Khan Khattak - QAU [30_HERC_3010_27_CS12] 2. Dr Kashif Kifayat- Air University [30_HERC_3010_27_CS39] 3. Dr Muhammad Shiraz – Federal Urdu University [30_HERC_3010_27_CS40]

Action Required	Action By	Responsibility
Implementation of Decision – a	PGP Coordinators	Concerned HoDs

22. Point Dropped.

Item No. 2205: Change of examiner – MS Scholar	
Sponsor: HoD CS BUIC, E-8	Referral Authority: DRC

Summary of the Case:

23. Recommendation for the Change of External Examiner of MS Scholars of Faculty of Engineering Sciences as recommended by respective DRC.

Discussion:

24. HoD CS IC presented the case for the change of external examiner of Muhammad Maaz Hassan because of the non-availability of Dr Tehmina Amjad.

25. The following two external examiners were suggested by the DRC.

Name	Title	Supervisor	Approved Examiners	Suggested External Examiners
Muhammad Maaz Hassan (01-249212-008)	Anomaly Detection in Health Insurance Data using Network Analysis	Dr. Fatima Khalique	Dr. Arif ur Rehman – Internal Dr. Tehmina Amjad - External	Dr. Aman Ullah Yasin Dr. Fahad Tahir

Decision 2205:

26. Following decision was undertaken by FRC:

- FRC approved the Change of external examiner for MS Thesis Defense of Mr. M Maaz Hassan and appointed the following examiners.

Name	Title	Supervisor	Examiners
Muhammad Maaz Hassan (01-249212-008)	Anomaly Detection in Health Insurance Data using Network Analysis	Dr. Fatima Khalique	Dr. Aman Ullah Yasin – External Dr. Arif ur Rehman - Internal

Action Required	Action By	Responsibility
Implementation of Decision – a	PGP Coordinators	Concerned HoDs

27. Point Dropped.

Item No. 2206: Extension in Time Bar of PhD Scholars	
Sponsor: HoD EE BUKC	Referral Authority: DRC

Summary of the Case:

28. Recommendation of Extension in Time Bar of PhD Scholars of Faculty of Engineering Sciences as recommended by respective DRCs.

Discussion:

29. HoD EE, BUKC presented the case of PhD scholar Rana Saeed Ahmad (02-281181-001) who has completed six years of his PhD. One year extension was approved on case file BUKC/EE/2024/011. FRC is requested to ratify the Time Bar.

Decision 2206:

30. One year extension (for 7th year) is ratified by the FRC for PhD EE BUKC Scholar Rana Saeed Ahmad (02-281181-001).

Action Required	Action By	Responsibility
Implementation of Decision – a	PGP Coordinators	Concerned HoDs

31. Point Dropped.

Closing of the Meeting

32. Chair FRC-ES summarized the key decisions. In his closing remarks, Chair – FRC thanked the members/participants for contributing to the FRC-ES meeting.

Missed

Prof Dr. Faisal Bashir Hussain
Dean Faculty of Engineering & Sciences

Annex's

Annex-I Appointment of PhD Supervisor & Advisory Committee

Appointment/Change of Supervisor of PhD Scholars

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Sr No.	Name (Enrolment #)	Program	Supervisor (Co-Supervisor)
1	Rana Saeed Ahmad (02-281181-001)	PhD (EE)	Prof. Dr. Haroon Rasheed
2	Shah Hussain (01- 281232-001)	PhD (SE)	Prof. Dr. Tamim Ahmed Khan
3	Abeer Iftikhar (01- 284202-001)	PhD (CS)	Prof. Dr. Faisal Bashir Hussain

Advisory Committee

Sr No.	Name (Enrolment #)	Program	Supervisor (Co-Supervisor)	PhD Advisory Committee
1	Shah Hussain (01- 281232-001)	PhD (SE)	Dr. Tamim Ahmed Khan	Dr. Tamim Ahmed Khan (Supervisor) Dr. Adeel M Syed Dr. Awais Majeed
2	Rana Saeed Ahmad (02-281181-001)	PhD (EE)	Prof. Dr. Haroon Rasheed	Prof. Dr. Haroon Rasheed (Supervisor) Dr. Raja Masood Larik Dr. Mohsin Aman
3	Abeer Iftikhar (01- 284202-001)	PhD (CS)	Prof. Dr. Faisal Bashir Hussain (Supervisor) Dr Kashif Naseer (Co-supervisor)	Prof. Dr. Faisal Bashir Hussain (Supervisor) Dr Kashif Naseer (Co-supervisor) Dr Moneeb Gohar Dr Saba Mehmood

Annex-II: PhD comprehensive exam of PhD Scholar

SNo.	Name (Enrolment #)	Dept.	Program	Supervisor (Co-Supervisor)	Courses	Taught by
1	Shah Hussain (01-281232-001)	SE	PhD (SE)	Dr. Tamim A Khan	1. Advance Data Visualization 2. Emerging Trends in Big Data Analytics 3. Internet of Things: Design and Applications 4. Deep Learning and Data Analysis	1. Dr. Asghar Ali Shah – CS BUIC E-8 2. Dr. Kashif Sultan – SE BUIC H-11 3. Dr. Moneeb Gohar – CS BUIC H-11 4. Dr. Shehzad Khalid – Principal BSEAS BUIC H-11

Annex-III: Recommendation of Foreign Evaluators for PhD Candidates

S. No	Name (Enrollment #)	Dept.	Program	Recommended Foreign Evaluators
1	Furqan Aftab (01-286172-003)	EES, BUIC-H11	PhD (Geology)	<ol style="list-style-type: none"> 1. Dr. Ahmed E. Radwan (30th HERC_3008 C) 2. Dr. John H. Shaw (32nd HERC (3214-D) 3. Dr. Nordiana Mohd Muztaza (30th HERC_3008 C) 4. Dr. Ovie Emmanuel Eruteya (32nd HERC_3214-D)
2	Muhammad Nofal Munir (01-286172-001)	EES, BUIC-H11	PhD (Geology)	<ol style="list-style-type: none"> 1. Dr. Kamaldeen Olakunle Leif, Omosanya (30th HERC_3008 C) 2. Dr. Haylay Tsegab (30th HERC_3008 C) 3. Dr. Nordiana Mohd Muztaza (30th HERC_3008 C) 4. Dr. Ovie Emmanuel Eruteya (32nd HERC_3214-D)
3	Adeeb Ahmed (01-286172-005)	EES, BUIC-H11	PhD (Geology)	<ol style="list-style-type: none"> 1. Dr. Ahmed E. Radwan (30th HERC_3008 C) 2. Dr. Haylay Tsegab (30th HERC_3008 C) 3. Dr. Kamaldeen Olakunle Leif, Omosanya (30th HERC_3008 C) 4. Dr. Nordiana Mohd Muztaza (30th HERC_3008 C)
4	Muhammad Asif Khan (01-286172-007)	EES, BUIC-H11	PhD (Geology)	<ol style="list-style-type: none"> 1. Dr. Kamaldeen Olakunle Leif, Omosanya (30th HERC_3008 C) 2. Dr. Nordiana Mohd Muztaza (30th HERC_3008 C) 3. Dr. Haylay Tsegab (30th HERC_3008 C) 4. Dr. Ovie Emmanuel Eruteya (32nd HERC_3214-D)