

Minutes of the Meeting

23rd Meeting of Faculty Research Committee (FRC)

held on

**27th August 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. |

Attendance:**BUIC**

| | | |
|--|---------------------------------------|--------|
| Prof. Dr. Faisal Bashir Hussain | Dean ES | Chair |
| Prof. Dr. Shahzad Khalid | Principal BSEAS H-11 / HoD CE H-11 | Member |
| Prof. Dr. Arif ur Rehman | HoD (CS) E-8 | Member |
| Prof Dr Moneeb Gohar | HoD (CS) H-11 | Member |
| Prof. Dr. Imran Fareed | HoD (EE) H-11 | Member |
| Snr. Assoc. Prof. Dr. Syed Umair Ullah Jamil | HoD(E&ES) H-11 | Member |
| Snr. Assoc. Prof. Dr. Adeel Syed | HoD (SE) H-11 | Member |

BUKC

| | | |
|--|---|--------|
| Prof. Dr. Sohaib Ahmad | Associate Dean / Principal BSEAS BUKC | Member |
| Assoc. Prof. Dr. Mukesh Kumar Maheshwari | HoD (EE) | Member |
| Snr. Asst. Prof. Dr. Shoaib Mughal | HoD (CE) | Member |
| Snr. Assoc. Prof. Dr. Hina Shakir | HoD (SE) | Member |
| Assoc. Prof. Dr. Syed Safdar Ali | HoD (CS) | Member |
| Assoc. Prof. Dr. Salma Hamza | HoD (E&ES) | Member |

BULC

| | | |
|--|----------|--------|
| Snr. Asst. Prof. Dr. Khawaja Qasim Maqbool | HOD (CS) | Member |
|--|----------|--------|

Proceedings

1. The proceedings commenced at 0930 hrs. on 27th August 2024 with recitation of few verses from the Holy Quran and Darood Shareef ﷻ.

Opening Remarks

2. Chair FRC welcomed the participants and advised the participants to have focused and constructive discussion during the session.

Item No. 2301: Change of Supervisor and Advisory Committee of PhD Scholars

Sponsor: HoDs EE & SE BUKC, HoD E&ES BUIC H-11

Referral Authority: Respective DRC's

Summary of the Cases:

3. HoD EE, BUKC presented the case of PhD Scholar Mr. M. Faisal Siddiqui (02-281172-002) for the change of Supervisor. The current supervisor Dr. Mukesh Kumar will be leaving BU from Fall 2024 therefore this agenda was presented to change the supervisor and update the advisory committee.
4. PGP Coordinator of E&ES presented the case of Mr. Waqar Ahmed (01-286221-001) PhD Geology scholar was under supervision of Prof. Dr. Mohammad Zafar, who has retired from the university. Dr. Mumtaz Ali Khan and Dr. Muhammad Raiees Amjad are suggested as the supervisor and co-supervisor respectively.
5. HoD SE, BUKC presented the case of PhD Scholar Miss. Ayesha Arshad (02-281222-001) for updating the advisory committee. The supervisor's name was not added in the previous approval of student's GEC therefore this agenda was presented to add the supervisor's name.

Discussion:

6. HoD's from the respective Departments of Faculty of Engineering Sciences presented the cases of PhD Scholars whose supervisors and/or advisory committee needed to be changed. Following cases were presented:

| S. No. | Name (Enrolment #) | Program | Agenda change suggested | Existing Supervisor / Co-supervisor | Proposed Supervisor / Co-supervisor | Proposed Committee | Advisory |
|--------|--|-----------------------|--|--|---|--|----------|
| 1. | Engr. M. Faisal Siddiqui (02-281172-002) | PhD EE, BUKC | Change of Supervisor | Dr. Mukesh Kumar Maheshwari (Supervisor) | Prof. Dr. Haroon Rasheed (Proposed Supervisor) | a) Prof. Dr. Haroon Rasheed (Supervisor) b) Dr. Aurangzeb Rashid Masud c) Dr. Anzar Alam | |
| 2. | Mr. Waqar Ahmed (01-286221-001) | PhD Geology, BUIC-H11 | Change of Supervisor & addition of co-supervisor | Dr. Muhammad Zafar | Dr. Mumtaz Ali Khan (Supervisor) Dr. Muhammad Raiees Amjad (Co-Supervisor) | N/A | |
| 3 | Mr. Kamran Younas (01-286202-004) | PhD ES, BUIC H-11 | Addition of Co-supervisor | Dr. Asma Jamil | Dr. Mahtab Ahmed (co-supervisor) | N/A | |

| | | | | | | |
|---|--|--------------|--|------------------|-----|---|
| 3 | Miss. Ayesha Arshad (02-281222-001) | PhD SE, BUKC | Correction in GEC committee, addition of Supervisor name | Dr. Osama Rehman | N/A | a) Dr. Sohaib Ahmed b) Dr. Prof Saqib Ali c) Dr. Osama Rehman (Supervisor) |
|---|--|--------------|--|------------------|-----|---|

Decision 2301:

7. Following decisions were undertaken by FRC:

- For the appointment of supervisors/co-supervisor, the cases should be presented in the Relevance Assessment Committee (RAC) of FoES and relevance of the proposed supervisors should be solicited before presenting them in the FRC.
- The following change in Advisory Committee is approved by the FRC.

| S. No. | Name (Enrolment #) | Program | Supervisor | Advisory Committee |
|--------|--|--------------|------------------|--|
| 1 | Miss. Ayesha Arshad (02-281222-001) | PhD SE, BUKC | Dr. Osama Rehman | a) Dr. Sohaib Ahmed b) Dr. Prof Saqib Ali c) Dr. Osama Rehman (Supervisor) |

| Action Required | Action By | Responsibility |
|---|------------------|----------------|
| Implementation of Decision 2301 – a & b | PGP Coordinators | Concerned HoDs |

8. Point Dropped.

Item No. 2302: Appointment of PhD supervisors and advisory committee

Sponsor: HoD CS BUIC E8

Referral Authority: DRC & RAC

Summary of the Case:

- 9.** HOD CS, BUIC-E8 presented the case of appointment of supervisors and advisory committee for PhD Scholars.

Discussion:

- 10.** FRC was requested to appoint Supervisors and advisory committee of the scholar on the recommendation of RAC. The proposed supervisors have already been approved by RAC.

Decision 2302:

11. Following decisions were undertaken by FRC:

- On recommendations of the RAC, FRC approved the supervisors and advisory committee which are as follows:

| Name | Program | Supervisor | Advisory Committee |
|------------------------------|-----------------|--------------------|--|
| Umair Saeed 01-284232-005 | PhD CS, BUIC-E8 | Dr. Sumaira Kausar | Dr. Sumaira Kausar Dr. Samabia Tehseen Dr. Muhammad Asfand e yar |

| | | | |
|--|-----------------|------------------------------|--|
| Qadeer Hashir 01-284232-004 | PhD CS, BUIC-E8 | Dr. Muhammad Asfand e Yar | Dr. Muhammad Asfand e yar Dr. Asghar Ali Dr. Sumaira Kausar |
| Muhammad Akram Sahi 01-284232-006 | PhD CS, BUIC-E8 | Dr. Khurram Ehsan | Dr. Khurram Ehsan Dr. Moneeb Gohar Dr. Moazzam Ali |
| Nasir Ali 01-284232-003 | PhD CS, BUIC-E8 | Dr. Moneeb Gohar | Dr. Moneeb Gohar Dr. Faisal Bashir Hussain Dr. Khurram Ehsan |
| Ateeq ur Rahman 01-284232-001 | PhD CS, BUIC-E8 | Dr. Moneeb Gohar | Dr. Moneeb Gohar Dr. Faisal Bashir Hussain Dr. Khurram Ehsan |
| Muhammad Rizwan Sarfaraz 01-284232-007 | PhD CS, BUIC-E8 | Dr. Moneeb Gohar | Dr. Moneeb Gohar Dr. Moazzam Ali Dr. Faisal Bashir Hussain |

| Action Required | Action By | Responsibility |
|--------------------------------|------------------|----------------|
| Implementation of Decision – a | PGP Coordinators | Concerned HoD |

12. Point Dropped.

Item No. 2303: Comprehensive Exam of PhD Scholars

Sponsor: HoD SE BUKC and HoD CS BUIC

Referral Authority: DRC

Summary of the Case:

- 13.** Selection of the courses and Examiners for the Comprehensive Exam of PhD Scholars - Faculty of Engineering Sciences, as recommended by respective DRCs.
- 14.** HoD SE, BUKC presented the case of PhD Scholar Ms. Reema Qaiser Khan (02-281232-001) who has completed her coursework in Spring-24 semester and needs to appear for the comprehensive exam.
- 15.** HoD CS, BUIC-E8 presented the case of PhD Scholars Mr. Umair Saeed (01-284232-005), Mr. Qadeer Hashir (01-284232-004), Muhammad Akram Sahi (01-284232-006), Mr. Nasir Ali (01-284232-003), Muhammad Rizwan Sarfraz (01-284232-007) and Atteq-Ur-Rehman (01-284232-001).

Discussion:

- 16.** FRC was requested to appoint appropriate courses and the panel of examiners to conduct the comprehensive exam of the scholars.

Decision 2303:

- 17.** On recommendations of the respective DRCs, FRC appointed panel of examiners and appropriate courses to conduct the PhD comprehensive exam of the presented candidates. The approved courses and examiners are listed below:

| Sr No. | Name (Enrolment #) | Program | Supervisor (Co-Supervisor) | Courses | Examiners |
|--------|--------------------|---------|----------------------------|---------|-----------|
| | | | | | |

| | | | | | |
|---|--|----------------------|---------------------|--|---|
| 1 | Reema Qaiser Khan (02-281232-001) | PhD (SE), BUKC | Dr. Hina Shakir | 1. Advanced Pattern Recognition 2. Advanced Operating System 3. Agile Methods 4. Emerging Trends in Big Data Analytics | 1. Dr. Hina Shakir 2. Dr. Ghulam Muhammad 3. Dr. Sohaib Ahmed 4. Dr. Salahuddin Shaikh |
| 2 | Umair Saeed (01-284232-005) | PhD (CS), BUIC-E8 | Dr. Sumaira Kausar | 1. Machine Learning 2. Advance Data Visualization 3. Advance Complexity Theory and Algorithm 4. Advanced Natural Language Processing | 1. Dr. Saba Mahmood 2. Dr. Asghar Ali Shah 3. Dr. Hafiz Ishfaq 4. Dr. Asfand e Yar |
| 3 | Qadeer Hashir (01-284232-004) | PhD (CS), BUIC-E8 | Dr. Asfand e Yar | 1. Machine Learning 2. Advance Data Visualization 3. Advance Complexity Theory and Algorithm 4. Advanced Natural Language Processing | 1. Dr. Saba Mahmood 2. Dr. Asghar Ali Shah 3. Dr. Hafiz Ishfaq 4. Dr. Asfand e Yar |
| 4 | Muhammad Akram Sahi (01-284232-006) | PhD (CS), BUIC-E8 | DR. M Khurram Ehsan | 1. Internet of Things: Design and Applications 2. Advance Complexity Theory and Algorithm 3. Cloud Computing 4. Machine Learning | 1. Dr. Muneeb Gohar 2. Dr. Hafiz Ishfaq Ahmed 3. Dr. Muhammad Usman Hashmi 4. Dr. Saba Mahmood |
| 5 | Nasir Ali (01-284232-003) | PhD (CS), BUIC-E8 | Dr. Moneeb Gohar | 1. Advance Complexity Theory and Algorithms 2. Penetration Testing and Vulnerability Analysis 3. Internet of Things: Design and Applications 4. Deep Learning | 1. Dr. Hafiz Ishfaq Ahmed 2. Dr. Asim Ali 3. Dr. Moneeb Gohar 4. Dr. Samabia Tehseen |
| 6 | Muhammad Rizwan Sarfraz (01-284232-007) | PhD (CS), BUIC-E8 | Dr. Moneeb Gohar | 1. Advance Complexity Theory and Algorithms 2. Penetration Testing and Vulnerability Analysis 3. Internet of Things: Design and Applications 4. Deep Learning | 1. Dr. Hafiz Ishfaq Ahmed 2. Dr. Asim Ali 3. Dr. Moneeb Gohar 4. Dr. Samabia Tehseen |

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

18. Point Dropped.

Item No. 2304: Nomination of Examiners for PhD Final Thesis Defense (FTD)

Sponsor: HoD EE BUKC, HoD CS BUIC E-8

Referral Authority: DRC

Summary of the Case:

- 19.** Recommendation of Examiners for the PhD Final Thesis Defense (FTD) of PhD Candidates from the Faculty of Engineering Sciences as recommended by respective DRCs.
- 20.** HoD EE, BUKC presented the case of Muhammad Faisal Siddiqui (02-281172-002) for nomination of his internal and external examiners for FTD.
- 21.** HoD CS, BUIC E-8 presented the case of PhD Scholar Miss Nazia Shahmir (01-283202-001) for nomination of her internal and external examiners for FTD.

Discussion:

- 22.** FRC was requested to recommend internal and external examiners to conduct the FTD of the scholars.

Decision 3204:

- 23.** Following examiners are recommended for the FTD of PhD Scholars:

a.

| S. No. | Name (Enrolment #) | Program | Supervisor | Examiners |
|--------|-------------------------------------|-------------------|--------------------------|--|
| 1. | Mr. Faisal Siddiqui (02-281172-002) | PhD EE, BUKC | Prof. Dr. Haroon Rasheed | External Examiners <ol style="list-style-type: none"> 1. Dr. Ghous Bakhsh Narejo (30_HERC_EEKC_5) 2. Dr. Ali Ahmed (30_HERC_EEKC_26) 3. Dr. Khurram Javed (30_HERC_EEIC_25) 4. Dr. Arif Iqbal (30_HERC_EEKC_25) 5. Dr. Syed Arsalan Jawed (31_HERC_xvii) 6. Dr. Arsalan Ansari (30_HERC_EEIC_21) |
| 2. | Miss Nazia Shahmir (01-283202-001) | PhD Math, BUIC-E8 | Dr. Muhammad Ramzan | External Examiners <ol style="list-style-type: none"> 1. Dr. Zahid Iqbal (HERC_30, Sr_74) 2. Dr. Nasir Ali (HERC_30, Sr_41) 3. Dr. Sadia Hina (HERC_30, Sr_73) 4. Dr. Sohail Nadeem (HERC_30, Sr_50) Internal Examiners <ol style="list-style-type: none"> 1. Dr. Talat Sharafat Rehmani (HERC_30, Sr_39) 2. Dr. Oyoon Abdul Razzaq (HERC_30, Sr_30) |

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

24. Point Dropped.

Item No. 2305: Ratification of Foreign Evaluators Ph.D. Scholar Engr. Faisal Siddiqui

Sponsor: HoD EE BUKC

Referral Authority: DRC

Summary of the Case:

25. M. Faisal Siddiqui is registered as PhD scholar at the Electrical Engineering Department BUKC. He successfully defended PhD Internal Thesis Defence on 24th May 2024.

26. The following foreign evaluators were recommended by the previous FRC; however the university of Dr. Naima Kaabouch is not listed in the top 500 QS World Ranking.

| S# | Scholar's Name | Foreign Evaluator Name | Affiliation (QS World Ranking/Times Higher Education) |
|----|--|--|---|
| 1 | Muhammad Faisal Siddiqui (02-281172-002) | 1. Dr. Wang Zhigong (30_HERCM_1) 2. Dr. Jaime Lloret (30_HERCM_8) 3. Dr. Ian Robretson (32_HERCM_x) 4. Dr. Naima Kaabouch (30_HERCM_35) | 1. Southeast University, China (QS Ranking:428) 2. Universitat Politecnica de Valencia, Spain (QS Ranking:436) 3. University of Leeds, UK (QS Ranking: 82) 4. University of North Dakota, USA (Not listed by QS/THE) |

Discussion:

27. Since the Scholar passed his ITD in May 2024 and his thesis was forwarded for foreign evaluation therefore replacement of examiner was solicited on Case file (Case file # BUKC/EE/2024/015).

Decision 2305:

28. Based on the casefile approval, the following revised panel of foreign evaluators is ratified by the FRC.

| S# | Scholar's Name | Foreign Evaluator Name | Affiliation (QS World Ranking/Times Higher Education) |
|----|--|---|--|
| 1 | Muhammad Faisal Siddiqui (02-281172-002) | 1. Dr. Wang Zhigong (30_HERCM_1) 2. Dr. Jaime Lloret (30_HERCM_8) 3. Dr. Ian Robretson (32_HERCM_x) 4. Dr. Mohammed Salem Elmusrati (32_HERCM_xvi) | 1. Southeast University, China (QS Ranking:428) 2. Universitat Politecnica de Valencia, Spain (QS Ranking:436) 3. University of Leeds, UK (QS Ranking: 82) 4. University of Vaasa – Finland (Times Higher Education: 401-500) |

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

29. Point Dropped.

Item No. 2306: Time Bar Cases of PhD Scholars

Sponsor: HoDs

Referral Authority: DRC

Summary of the Case:

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

Discussion:

31. FRC is requested to approve 7th year extension cases. Also, FRC is requested to recommend suitable 8th year extension cases for the approval of Honorable Rector.

Decision 2306:

32. Following decisions were undertaken by FRC:

| S. No | Name (Enrollment #) | Program | Statuses | Extension Year Requested | Recommendation of FRC |
|-------|--|------------------------|--|--------------------------|---|
| 1 | Saneeha Khalid (01-284172-002) | PhD CS, BUIC E-8 | All PhD requirements are complete and waiting for scheduling of FTD. | 8 th | Recommended for approval from Honorable Rector. |
| 2 | Faheem Haroon (01-281172-005) | PhD EE, BUIC H-11 | All PhD requirements are completed and FTD was successful. | 8 th | Recommended for approval from Honorable Rector. |
| 3 | Muhammad Hasan Danish Khan (01-281172-001) | PhD EE, BUIC H-11 | All PhD requirements are complete and waiting for scheduling of FTD. | 8 th | Recommended for approval from Honorable Rector. |
| 4 | Muhammad Nofal Muneer (01-286172-001) | PhD Geology, BUIC H-11 | Foreign Evaluation (FE) successfully completed. | 8 th | Recommended for approval from Honorable Rector. |
| 5 | Furqan Aftab (01-286172-003) | PhD Geology, BUIC- H11 | FE in process. One report with minor changes received. | 8 th | Recommended for approval from Honorable Rector. |
| 6 | Adeeb Ahmed (01-286172-005) | PhD Geology, BUIC- H11 | FE in process. | 8 th | Recommended for approval from Honorable Rector. |
| 7 | Muhammad Asif Khan (01-286172-007) | PhD Geology, BUIC- H11 | FE in process. | 8 th | Recommended for approval from Honorable Rector. |

| | | | | | |
|----|--|------------------------|--|-----------------|--|
| 8 | Muhammad Faisal Siddiqui (02-281172-001) | PhD EE, BUKC | FE in process. | 8 th | Recommended for approval from Honorable Rector. |
| 9 | Abdul Rehman (01-281172-004) | PhD EE, BUIC-H11 | ITD successfully completed and thesis to be forwarded for FE. | 8 th | Recommended for approval from Honorable Rector. |
| 10 | Zainab Wahab (01-286172-008) | PhD Geology, BUIC- H11 | ITD successfully completed and thesis to be forwarded for FE. | 8 th | Recommended for approval from Honorable Rector. |
| 11 | Aneela Khan (01-286172-002) | PhD Geology, BUIC- H11 | ITD successfully defended, awaiting submission of thesis for FE. | 8 th | Recommended for approval from Honorable Rector. |
| 12 | Waqar Ali (01-286172-009) | PhD Geology, BUIC- H11 | ITD successfully defended, awaiting submission of thesis for FE. | 8 th | Recommended for approval from Honorable Rector. |
| 13 | Adil Naseer (01-286172-004) | PhD Geology, BUIC- H11 | The scholar has submitted his thesis for ITD but his mandatory publication requirement is not complete. As a special case, the Honorable Rector has approved the conduct of his ITD (BU-HO/PGP/2024/L/1639) subject to submission of notarized undertaking and conduct of FTD subject to fulfilment of publication requirement. | 8 th | Recommended for approval from Honorable Rector. |
| 14 | Hina Wajid Satti (01-286182-002) | PhD Geology, BUI-H11 | Thesis submitted on 29-July-24 for the ITD and 7 th Year extension is requested. | 7 th | 1 Year Extension is approved. |
| 15 | Syeda Nazia Ashraf (02-284182-001) | PhD CS, BUKC | Ms. Syeda Nazia Ashraf (02-284182-001) has completed six years of PhD studies. Her thesis is under review process by the supervisor. She has completed degree requirement by publishing 01 Impact Factor Journals in W category. The student has requested for 01 year extension which is recommended by the supervisor and DRC. | 7 th | PhD Scholar to expedite submission of thesis for ITD. Extension is granted till 31 Dec 2024. |
| 16 | Sumaira Akram (01-286182-001) | PhD ES, BUIC-H11 | PhD scholar has neither submitted her thesis nor published her research work so far. The scholar CMS portal was closed due to non-payments of semester fees. Case file was initiated to reopen the CMS portal so that scholar can submit the thesis. | 7 th | PhD Scholar to expedite submission of thesis for ITD. Extension is granted till 31 Dec 2024. Department is requested to update on her progress on monthly basis. |

| | | | | | |
|----|----------------------------------|---------------------|---|-----------------|--|
| 17 | Mahawish (02-200182-006) | PhD SE, BUKC | She has started to write down the thesis and has completed the first 2 chapters. The scholar is committed to submit the thesis within 6 months. She has one publication in the W category journal, two conference papers, and another journal paper ready for submission. An extension is requested to finalize her work and proceed with the ITD exam. | 7 th | PhD Scholar to expedite submission of thesis for ITD. Extension is granted till 31 Dec 2024. |
| 18 | Abdul Shakoor (01-286182-003) | PhD ES, BUIC-H11 | PhD Scholar has published his research work at Environment International, HEC W category Journal on February 28, 2024. But not submitted his thesis on the TTM. The scholar CMS portal was closed due to non-payments of semester fees. Case file was initiated to reopen the CMS portal so that scholar can submit the thesis. | 7 th | 1 Year Extension is approved. |

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

33. Point Dropped.

Item No. 2307: Appointment of Examiner for MS Thesis Defense

Sponsor: HoDs

Referral Authority: DRC

Summary of the Case:

- 34.** HoD EE, BUKC presented the case of Ms. Amna Aslam (02-344231-004) for the appointment of MS Final Thesis Defense Examiners.
- 35.** HOD E&ES BUIC, presented cases of the appointment of MS Final Thesis Defense Examiners.
- 36.** HoD CS BULC, presented the case of Zakawat Liaqat (03-243221-012) MSCS scholar whose MS defense was delayed due to unavoidable circumstances and appointment of examiners was done on case file, the decision was presented in FRC for ratification.
- 37.** EE Dept BUKC, presented case of MS EE student Mr. Muhammad Zubair (02-344211-011) who has registered the MS Thesis. The examiners were approved in 17th FRC but one of the approved examiners (Dr. Rehan Inam Qureshi) has moved abroad. Therefore, Prof Dr Syed Abbas Ali (External) and Dr M Hussain (Internal) were approved on Case file (Case file # BUKC/EE/2024/016). The agenda was presented for the ratification of the decision.

Discussion:

- 38.** FRC is requested to appoint internal and external examiners.

Decision 2307:

- 39.** Following decisions were undertaken by FRC:

| S. No. | Name (Enrolment #) | Program | External Examiner | Internal Examiner |
|--------|---|----------------------------|--|------------------------------|
| 1. | Ms. Amna Aslam (02-344231-004) | MS EE, BUKC | Dr. Raja Masood Larik (30_HERCM_31) | Prof. Dr. Haroon Rasheed |
| 2. | Nauman Ali (01-262221-017) | MS Geology, BUIC-H11 | Dr. Khalid Latif (BUIC_EES_162) | Dr. M Raiees Amjad |
| 3. | Muhammad Haider Ali (01-262221-016) | MS Geology, BUIC-H11 | Dr. Mustafa Yar (BUIC_EES_20) | Dr. M Raiees Amjad |
| 4. | Muneeb Ali (01-262222-023) | MS Geophysics, BUIC-H11 | Dr. Matloob Hussain (BUIC_EES_69) | Dr. Muhammad Iqbal Hajana |
| 5. | Anam Maqsood (01-262211-008) | MS ES, BUIC- H11 | Dr Asad Ghufraan (BUIC_EES_27) | Dr. Humera Farah |
| 6. | Abdul Jirde Ahmed (01-262231-001) | MS ES, BUIC- H11 | Dr. Said Muhammad (BUIC_EES_24) | Dr. Syed Umair Ullah |
| 7. | Andleeb Arshad (01-262231-002) | MS ES, BUIC- H11 | Dr. Sajida Rashid (BUIC_EES_111) | Dr. Said Akbar Khan |
| 8. | Laiba Amjad (01-262231-003) | MS ES, BUIC- H11 | Dr. Hamid Iqbal (BUIC_EES_100) | Dr. Fiza Sarwar |
| 9. | Lamia Shafqat (01-262231-004) | MS ES, BUIC- H11 | Dr. Waqar un Nisa (BUIC_EES_103) | Dr. Humera Farah |
| 10. | Noor ul Huda (01-262231-005) | MS ES, BUIC- H11 | Dr. Anika Batool (BUIC_EES_28) | Dr. Said Akbar Khan |
| 11. | Rija Khalid (01-262231-006) | MS ES, BUIC- H11 | Dr. Sajida Rashid BUIC_EES_111) | Dr. Syed Umair Ullah |
| 12. | Salman Haider (01-262231-007) | MS ES, BUIC- H11 | Dr. Hamid Iqbal BUIC_EES_100) | Dr. Fiza Sarwar |
| 13. | Zakawat Liaqat (03-243221-012) | MS CS, BULC | Dr. Faiza Iqbal (BULC_CS_37) | Dr. Ansar Siddique |
| 14. | Sana Shoukat (03-243221-010) | MS CS, BULC | Dr. Faiza Iqbal (BULC_CS_37) | Dr. Nadeem Sarwar |
| 15. | Irfan Ali (03-243222-006) | MS CS, BULC | Dr. Farrukh Zeshan (BULC_CS_27) | Dr. Abdul Hafeez |
| 16. | Muhammad Sheraz Nawaz (03-243222-013) | MS CS, BULC | Dr. Syed Muhammad Ali (BULC_CS_08) | Dr. Nadeem Sarwar |
| 17. | Azeem Rana (03-243222-010) | MS CS, BULC | Dr Shoaib Farooq (BULC_CS_12) | Dr. Ansar Siddique |
| 18. | MUHAMMAD HAMZA WASEEM (03-243222-011) | MS CS, BULC | Dr. Muhammad Usman Ashraf (23 rd FRC) | Dr. Adnan Khalid |
| 19. | HAFIZ MUHAMMAD ASHJA KHAN (03-243222-005) | MS CS, BULC | Dr. Muhammad Usman Ashraf (23 rd FRC) | Dr. Adnan Khalid |
| 20. | AMNA FAISAL (03-243222-001) | MS CS, BULC | Dr. Shahid Naseem (BULC_CS_02) | Dr. Iram Noreen |
| 21. | Asiya Jahangir (03-243222-003) | MS CS, BULC | Dr. Amjad Farooq (BULC_CS_15) | Dr. Hajra Masood |
| 22. | Laraib Noor | MS SE, BUIC | Dr. Awais Majeed | Dr Noman Malik |

| | | | | |
|-----|--|-------------|---------------------|---|
| | (01-241222-004) | | | (BUIC_SE_046) |
| 23. | RAJA ARSLAN KHAN (01-241222-008) | MS SE, BUIC | Dr. Tamim A Khan | Dr. Shariq Hussain (BUIC_SE_054) |
| 24. | Hassan Ayaz (01-241222-010) | MS SE, BUIC | Dr. Adeel M Syed | Dr. Arslan Shaukat (BUIC_CS_004) |
| 25 | Mr. Muhammad Zubair (02-344211-011) | MS EE, BUKC | Dr Muhammad Hussain | Prof. Dr. Syed Abbas Ali (30_HERC_CS_09) |

| Action Required | Action By | Responsibility |
|-----------------------------------|------------------|----------------|
| Implementation of Decision – 2307 | PGP Coordinators | Concerned HoDs |

40. Point Dropped.

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|--|-------------------------|
| Item No. 2308: Change of Examiners of MS Programs | |
| Sponsor: HoD E&ES BUIC, HoD SE BUKC | Referral Authority: DRC |

Summary of the Case:

41. E&ES Dept BUIC presented the case of Mr. Muhammad Ismail (01-262212-008) who was supervised by Dr Maryam Saleem, she has resigned from the BU. In the 18th FRC, Dr. Mumtaz Ali Khan was appointed as his Internal Examiner for the MS Final Thesis defense. Now, Dr Mumtaz Ali is supervising the MS Scholar therefore a change of internal examiner is requested.

42. SE Dept BUKC presented the case of Ms. Muneeba Rashid (02-241222-008), Dr. Tahir Syed was approved as her external examiner in 21st FRC for the MS thesis defense. He is currently unavailable for thesis examination; it is requested to change external examiner of Ms. Muneeba Rashid (02-241222-008).

Discussion:

43. Following internal examiners are recommended for the Final Thesis Defense of the MS Scholar.

| Sr. No | Student name (Enrollment) | Research Title | Program | Supervisor | Proposed Internal Examiners |
|--------|-----------------------------------|--|---------|---------------------|-------------------------------------|
| 1 | Muhammad Ismail 01-262212-008 | Biostratigraphic Setup and Depositional Model of Margalla Hill Limestone, Hazara Basin Northwest Himalayas, Pakistan | MS Geo | Dr. Mumtaz Ali Khan | Dr Raiees Amjad |
| Sr. No | Student name (Enrollment) | Research Title | Program | Supervisor | Proposed External Examiners |
| 2 | Muneeba Rashid (02-241222-008) | Super-resolution of medical images using light weight generative adversarial networks | MS SE | Dr Hina Shakir | Dr. Najeed Ahmed Khan (30th HERC_5) |

Decision 2308:

44. The following changes were approved by the FRC:

| Sr. No | Student name (Enrollment) | Research Title | Program | Supervisor | Proposed Internal Examiners |
|--------|-----------------------------------|--|---------|---------------------|---|
| 1 | Muhammad Ismail 01-262212-008 | Biostratigraphic Setup and Depositional Model of Margalla Hill Limestone, Hazara Basin Northwest Himalayas, Pakistan | MS Geo | Dr. Mumtaz Ali Khan | Dr Raiees Amjad Mr. Adeeb Ahmed |
| Sr. No | Student name (Enrollment) | Research Title | Program | Supervisor | Proposed External Examiners |
| 2 | Muneeba Rashid (02-241222-008) | Super-resolution of medical images using light weight generative adversarial networks | MS SE | Dr Hina Shakir | Dr. Najeed Ahmed Khan (30th HERC_5) Dr. Muhammad Sarim (30th HERC_3) |

| Action Required | Action By | Responsibility |
|-----------------------------------|------------------|----------------|
| Implementation of Decision – 2308 | PGP Coordinators | Concerned HoDs |

45. Point Dropped.

| | |
|---|-------------------------|
| Item No. 2309: Continuation of MS ES Program - Mr. Raja Arslan (01-262221-008) MS ES | |
| Sponsor: HoD E&ES BUIC | Referral Authority: DRC |

Summary of the Case:

- 46.** Mr. Raja Arsalan Iftikhar (01-262221-008) was a student of MS ES program of the department of Earth and Environmental Sciences. His case for degree termination was approved in 21 FRC (Item No. 2112) due to 3 unsatisfactory reports submitted by his supervisor because of his continuous absence. Mr. Arsalan did not appear in proposal defense as well during his 3 and 4 semesters of MS degree.
- 47.** The student has contacted BUHO via email, explaining his grave familial issues during the time of his absence and has requested to allow him to complete his degree within extended degree duration time frame. After discussion with Dean and Principal BSEAS, the department of E&ES has taken the supervisor of the student onboard where she has agreed to supervise him, if he is given an opportunity to resume his degree, on condition that the student will follow all the relevant BU rules.
- 48.** Considering unavoidable circumstances of the student, the department recommends that special permission may please be accorded to complete his degree requirements within extended degree duration timeframe (i.e. end of Fall 24 semester).

Discussion:

- 49.** Based on DRC recommendation, special approval from FRC is solicited to cancel the 3rd unsatisfactory report, and he may please be given chance to registered for research and defend his proposal and continue his research.

Decision 2309:

- 50.** FRC approves the cancellation of 3rd unsatisfactory report due to unavoidable circumstances faced by the student. The student should be allowed to register in Fall 2024 and complete his degree program, as he is still in the 3rd year of the degree program.

| Action Required | Action By | Responsibility |
|-----------------------------------|------------------|----------------|
| Implementation of Decision – 2309 | PGP Coordinators | Concerned HoDs |

51. Point Dropped.

| | |
|--|-------------------------|
| Item No. 2310: Addition of Experts in the Pool of Examiners for MS Programs | |
| Sponsor: HoD E&ES BUIC, HoD CS BULC | Referral Authority: DRC |

Summary of the Case:

52. The Department of E&ES has recommended experts for inclusion in the pool of Examiners for MS ES Programs.

Discussion:

53. The departments presented the CVs and consent of the worthy experts.

Decision 2310:

54. FRC approves the addition of the following experts in pool of external examiners for the evaluation of MS Thesis.

| S No. | Name | Designation | Affiliation | Research Area(s) | Approved For |
|-------|---------------------------|---------------------|--|--|--------------|
| 1 | Dr. Anber Naqvi | Director | Strategic Planning & Implementation Unit (SP&IU), Environment Protection & Climate Change Department, Government of the Punjab | Environmental Science | MS ES |
| 2 | Dr. Rabeea Zafar | Lecturer | AIOU, Islamabad | Environmental Science | MS ES |
| 3 | Dr. Sania Riaz | Assistant Professor | Department of Bioinformatics and Biosciences, Capital University of science and Technology, CUST, Islamabad | Environmental Science | MS ES |
| 4 | Dr. M Irshad | Professor | Department of Environmental Sciences, COMSATS University Islamabad Abbottabad Campus | Bioenvironmental Science | MS ES |
| 5 | Dr. Muhammad Usman Ashraf | Assistant Professor | Department of Computer Science, Government College of Women University Sialkot | High performance computing, Parallel Computing, Ubiquitous computing, Artificial Intelligence | MS CS |
| 6 | Dr. Munir Ahmed | Associate Professor | School of Computer Science, National College of Business Administration & Economics, Lahore | Sentiment Analysis Data Mining Artificial Intelligence Vehicle Tracking Software Process Improvement | MS CS |

| | | | | | |
|---|----------------------|---------------------|---|--|-------|
| 7 | Dr. Nadeem Majeed | Associate Professor | Dept. of Data Sciences, Faculty of Computing & Information Technology, Punjab University New Campus, Lahore | Data Sciences Machine Learning Software Engineering | MS CS |
| 8 | Dr. Hanan Bin Liaqat | Associate Professor | Dept. of Information Sciences, Division of Science & Technology, University of Education, Township Lahore | Cloud Computing, Fog Computing Software Engineering Machine Learning eLearning Communication & Networks, Security | MS CS |

| Action Required | Action By | Responsibility |
|-----------------------------------|------------------|----------------|
| Implementation of Decision – 2309 | PGP Coordinators | Concerned HoDs |

55. Point Dropped.

| | |
|--|-------------------------|
| Item No. 2311: Addition of Experts in the Pool of Local Examiners for PhD Programs – E&ES | |
| Sponsor: HoD E&ES BUIC | Referral Authority: DRC |

Summary of the Case:

56. The Department of E&ES has recommended experts for inclusion in the pool of Examiners for PhD ES Program.

Discussion:

57. The department presented the CVs and consent of the worthy experts.

Decision 2311:

58. FRC recommends the addition of the following experts in pool of local examiners for the evaluation of PhD Thesis of Environmental Sciences. The names to be forwarded to HERC for approval.

| S No. | Name | Designation | Experience (Years) | Affiliation | Research Area(s) |
|-------|-----------------|---------------------|--------------------|--|--------------------------|
| 1 | Dr. Anber Naqvi | Director | 07 | Strategic Planning & Implementation Unit (SP&IU), Environment Protection & Climate Change Department, Government of the Punjab | Environmental Science |
| 2 | Dr. Sania Riaz | Assistant Professor | 06 | Department of Bioinformatics and Biosciences, Capital University of science and Technology, CUST, Islamabad | Environmental Science |
| 3 | Dr. M Irshad | Professor | 34 | Department of Environmental Sciences, COMSATS University Islamabad Abbottabad Campus | Bioenvironmental Science |

| Action Required | Action By | Responsibility |
|-----------------------------------|------------------|----------------|
| Implementation of Decision – 2311 | PGP Coordinators | Concerned HoDs |

59. Point Dropped.

| | |
|---|-------------------------|
| Item No. 2312: Addition of Experts in the Pool of Foreign Examiners for the PhD ES program | |
| Sponsor: HoD E&ES BUIC | Referral Authority: DRC |

Summary of the Case:

60. The Department of E&ES has recommended experts for inclusion in the pool of Foreign Examiners for PhD ES Program.

Discussion:

61. The department briefed about the foreign examiners and highlighted that all of them fulfill the criteria for the said purpose.

Decision 2312:

62. FRC recommends the addition of the following experts in pool of foreign examiners for the evaluation of PhD Thesis of Environmental Sciences. The names to be forwarded to HERC for approval.

| S No. | Name | Designation | Post PHD Experience (Years) | Affiliation | University Ranking | Research Area(s) |
|-------|---------------------------------|---------------------|-----------------------------|--|-------------------------|-----------------------|
| 1 | Dr. Assimina Antonarakou | Professor | 23 | National and Kapodistrian University of Athens, Greece | QS= 393 THE= 501-600 | Geoscience |
| 2 | Dr. Adeyeri, Oluwafemi Ebenezer | Climate Consultant | 05 | School of Energy and Environment, City University of Hong Kong 83 Tat Chee Ave, Kowloon Tong, Kowloon (Hong Kong) | QS= 62 THE= 82 | Environmental Science |
| 3 | Dr. Khairul Azlan Mustapha | Associate Professor | 06 | Department of Geology, Faculty of Science, Universiti Malaya (University of Amlaya), 50603 Kuala Lumpur. | QS= 60 THE= 251-300 | Geoscience |
| 4 | Dr. Mark Van Der Meijde | Professor | 20 | Department Applied Earth Sciences, University of Twente, Faculty for Geo-information Science and Earth Observation (ITC) | QS= 233 THE= 184 | Geoscience |

| | | | | | | |
|---|------------------------|---------------------|----|---|-------------------------|------------------------|
| | | | | The Netherlands | | |
| 5 | Dr. George Kontakiotis | Professor | 10 | National and Kapodistrian University of Athens, Greece | QS= 393 THE= 501-600 | Geology |
| 6 | Dr. Nanthi S Bolan | Professor | 41 | University Of Western Australia | QS= 77 THE= 143 | Environmental Sciences |
| 7 | Dr Dane Lamb | Senior Lecturer | 14 | Senior Lecturer in Environmental Engineering, RMIT, Australia | QS= 123 THE= 251-300 | Environmental Sciences |
| 8 | Dr. Xinfeng WANG | Associate Professor | 10 | Environment Research Institute, Shandong University, China | QS= 316 THE= No data | Environmental Sciences |

| Action Required | Action By | Responsibility |
|-----------------------------------|------------------|----------------|
| Implementation of Decision – 2312 | PGP Coordinators | Concerned HoDs |

63. Point Dropped.

| | |
|---|-------------------------|
| Item No. 2313: Change in Thesis Titles of PhD Scholars - Geo-Physics and Environmental Science | |
| Sponsor: HoD E&ES BUIC, HoD CS BUKC | Referral Authority: DRC |

Summary of the Case:

64. The PhD research title of few PhD Scholars have been slightly rephrased/corrected based on the recommendations of Proposal Defense examiner. These scholars are of Fall 2022 intake and their proposal defense was conducted on March 08, 2024.

Discussion:

65. The DRC of respective departments have recommended the following changes in the thesis titles:

| Sr. No. | Name (Enrolment #) | Program | Supervisor (Co-Supervisor) | Current Thesis Title | Proposed Thesis Title |
|---------|---------------------------------------|---------|--|---|---|
| 1 | Aisha Khaled Chaudhri (01-286222-001) | PhD ES | Dr. Aansa Rukya Saleem (Dr. Nazneen Bangash) | Mitigating Soil Pollution: Harnessing the Synergistic Potential of Coconut Biochar Nanocomposites with Zinc and Plant Growth-Promoting Rhizobacteria (PGPR) for Phthalate Remediation | Mitigating Soil Pollution: Harnessing the Synergistic Potential of Coconut Biochar Nanocomposites with Zinc and Plant Growth-Promoting Rhizobacteria (PGPR) for Phthalate Remediation |
| 2 | Kamran Sidiqi (01-286222-002) | PhD ES | Dr. Aansa Rukya Saleem (Dr. Muhammad Afzaal) | Integrated application of constructed floating wetland system for the treatment of textile-based wastewater augmented with bacteria | Integrated eco-technological system consisted of plant-bacteria synergism for the sustainable treatment of textile-based wastewater |
| 3 | Shahzad Naveed | PhD ES | Dr. Said Akbar | Quantification of Greenhouse | Quantification of Greenhouse |

| | | | | | |
|---|------------------------------------|----------------|--|---|---|
| | (01-286222-003) | | Khan (Dr. Talat Naseer Pasha) | Gas Emissions and Mitigation Potential of Slow-Release Non-Protein Nitrogen for Dairy Livestock in Selected Sites of Punjab, Pakistan | Gas Emissions and Mitigation Potential of Slow-Release Non-Protein Nitrogen for Dairy Livestock in Selected Sites of Punjab, Pakistan. |
| 4 | Zohaib Naseer (01-286222-004) | PhD Geophysics | Dr. Muhsan Ehsan (Dr. Khalid Amin Khan) | Evaluation of Structural Driven Geothermal Systems: A Comprehensive Geophysical Analysis of Thar Platform, Southern Indus Basin, Pakistan | Evaluation of Structural Driven Geothermal Systems: A Comprehensive Geophysical Analysis in Thar Platform, Southern Indus Basin, Pakistan |
| 5 | Javed Ahmed (02-284222-001) | PhD CS | Dr. Ghulam Muhammad | An Optimizing Containerized Workloads: A Novel Deep Reinforcement Learning Approach for Resource Management in Cloud Computing | Predictive Resource Management for enhanced Containerized Workloads using Deep Reinforcement Learning |
| 6 | Muhammad Junaid (01-281222-001) | PhD EE | Dr. Asad Waqar | Reinforcement Learning-Based Optimization of Distribution Networks Integrating Distributed Generation and Electric Vehicles | AI-Based Optimization of Distribution Networks Integrating Distributed Generation and Electric Vehicles |

Decision 2313:

66. FRC approves the following PhD Thesis titles:

| Sr. No. | Name (Enrolment #) | Program | Supervisor (Co-Supervisor) | PhD Thesis Title |
|---------|--|----------------|---|---|
| 1 | Aisha Khaled Chaudhri (01-286222-001) | PhD ES | Dr. Aansa Rukya Saleem (Dr. Nazneen Bangash) | Mitigating Soil Pollution: Harnessing the Synergistic Potential of Coconut Biochar Nanocomposites with Zinc and Plant Growth-Promoting Rhizobacteria (PGPR) for Phthalate Remediation |
| 2 | Kamran Siddiqui (01-286222-002) | PhD ES | Dr. Aansa Rukya Saleem (Dr. Muhammad Afzaal) | Integrated eco-technological system consisted of plant-bacteria synergism for the sustainable treatment of textile-based wastewater |
| 3 | Shahzad Naveed (01-286222-003) | PhD ES | Dr. Said Akbar Khan (Dr. Talat Naseer Pasha) | Quantification of Greenhouse Gas Emissions and Mitigation Potential of Slow-Release Non-Protein Nitrogen for Dairy Livestock in Selected Sites of Punjab, Pakistan. |
| 4 | Zohaib Naseer (01-286222-004) | PhD Geophysics | Dr. Muhsan Ehsan (Dr. Khalid Amin Khan) | Evaluation of Structural Driven Geothermal Systems: A Comprehensive Geophysical Analysis in Thar Platform, |

| | | | | |
|---|------------------------------------|--------|---------------------|---|
| | | | | Southern Indus Basin, Pakistan |
| 5 | Javed Ahmed (02-284222-001) | PhD CS | Dr. Ghulam Muhammad | Predictive Resource Management for enhanced Containerized Workloads using Deep Reinforcement Learning |
| 6 | Muhammad Junaid (01-281222-001) | PhD EE | Dr. Asad Waqar | AI-Based Optimization of Distribution Networks Integrating Distributed Generation and Electric Vehicles |

| Action Required | Action By | Responsibility |
|-----------------------------------|------------------|----------------|
| Implementation of Decision – 2313 | PGP Coordinators | Concerned HoD |

67. Point Dropped.

| | |
|--|-------------------------|
| Item No. 2314: Partial implementation of GEP 2023 – E&ES Department | |
| Sponsor: HoD E&ES BUIC | Referral Authority: DRC |

Summary of the Case:

- 68.** The appointment of Foreign Examiner (FE) for a scholar of PhD Geology program was recommended by the FRC. After successful completion of ITD process, when the FE case was submitted then an objection was received regarding the QS ranking of the examiner's university. Unfortunately, the university ranking of said FE examiners dropped above 500. PG-Dte suggested to get approval from the new examiners having university ranking below 500. The change in university ranking has no direct impact on the ability of the FE itself. New approval of FE wasted significant time of the scholar.
- 69.** The university has already adopted HEC's GEP 2023 policy via memo no. BUIC/SEAS/2024/M/036 therefore, it is suggested that complete compliance of the policy should be done, including item no 3.9 of GEP 2023.

Discussion:

- 70.** It was highlighted that as per item 3.9 of the HEC's GEP multiple alternative options are available for Thesis evaluation like performing expert evaluations from distinguished national professors, meritorious Professors from any national university; or professors from top universities ranked by HEC, etc. Therefore, it was recommended by the E&ES Dept BUIC to include such alternatives in BU's PhD Rules.

Decision 2314:

- 71.** In principle, the FRC FoES agreed to the suggestion and the chair FRC advised HoD E&ES to draft a policy paper highlighting the challenges faced by PhD students during Foreign Evaluations and the benefits of adopting the HEC's GEP with respect to External Evaluation of PhD Thesis. The recommendations would then be forwarded to PGP Dte for further deliberation and university wide adoption.

| Action Required | Action By | Responsibility |
|-----------------------------------|------------------|----------------|
| Implementation of Decision – 2314 | PGP Coordinators | Concerned HoD |

72. Point Dropped.

Item No. 2315: Appointment of Examiner for Proposal defense of PhD Scholars

Sponsor: HoD SE BUIC

Referral Authority: DRC

Summary of the Case:

73. Mr. Shah Hussain enrolled in PhD SE program has cleared the comprehensive exam and is ready to appear for the PhD proposal defense.

Discussion:

74. Following panel of examiners are proposed to conduct the PhD proposal defense of the candidate. PhD Thesis title of the scholar is "Modal-Based penetration framework for edge computing devices".

| Sr. No. | Name (Enrolment #) | Dept. | Program | Supervisor (Co-Supervisor) | Proposed Internal Examiner | Proposed External Examiner |
|---------|------------------------------|-------|---------|----------------------------|---------------------------------------|--|
| 1 | Shah Hussain (01-281232-001) | SE | PhD SE | Dr. Tamim A Khan | Dr. Awais Majeed Dr. Kashif Sultan | Dr Basit Shahzad (BUIC_SE_046) Dr Shariq Hussain (BUIC_SE_054) Dr. Khalid Saleem (BUIC_SE_018) |

Decision 2315:

75. Following Panel of examiners is approved for the conduct of proposal defense:

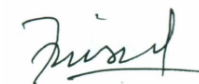
| Sr. No. | Name (Enrolment #) | Dept. | Program | Supervisor (Co-Supervisor) | Internal Examiner | External Examiner |
|---------|------------------------------|-------|---------|----------------------------|---------------------------------|---|
| 1 | Shah Hussain (01-281232-001) | SE | PhD SE | Dr. Tamim A Khan | Dr. Adnan Khalid (CS Dept BULC) | Dr Basit Shahzad (BUIC_SE_046) Dr Shariq Hussain (BUIC_SE_054) |

| Action Required | Action By | Responsibility |
|-----------------------------------|-----------------|----------------|
| Implementation of Decision – 2315 | PGP Coordinator | Concerned HoD |

76. Point Dropped.

Closing of the Meeting

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



Prof. Dr. Faisal Bashir Hussain
Dean ES
12 Sep 2024

Annex I – Progress of PhD Scholars

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|------------------------|--|---------------------------|------------------|--------------|-------------------------------|-------------------------------|--|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus/ | Stage / Year | Total No. of Progress Reports | Satisfactory Progress Reports | No. of Unsatisfactory Progress Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| PHD COMPUTER SCIENCE | | | | | | | | | |
| 1 | Nasir Ali (01-284232-003) | Dr. Moneeb Gohar | PhD CS, BUIC-E8 | Course work | NA | NA | - | - | - |
| 2 | Muhammad Akram Sahi (01-284232-006) | Dr. Khurram Ehsan | PhD CS, BUIC-E8 | Course Work | NA | NA | - | - | - |
| 3 | Qadeer Hashir (01-284232-004) | Dr. Muhammad Asfand e yar | PhD CS, BUIC-E8 | Course Work | NA | NA | - | - | - |
| 4 | Umair Saeed (01-284232-005) | Dr. Sumaira Kausar | PhD CS, BUIC-E8 | Course Work | NA | NA | - | - | - |
| 5 | Ateeq ur Rehman (01-284232-001) | Dr. Moneeb Gohar | PhD CS, BUIC-E8 | Course Work | NA | NA | - | - | - |
| 6 | Muhammad Rizwan Sarfaraz (01-284232-007) | Dr. Moneeb Gohar | PhD CS, BUIC-E8 | Course Work | NA | NA | - | - | - |
| 7 | Lala Rukh Majeed (01-284232-002) | Dr. Saba Mahmood | PhD CS, BUIC-E8 | Course Work | NA | NA | - | - | - |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|------------------------|----------------------------------|---------------------------|-----------------|--|-------------------------------|-------------------------------|--|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus | Stage/Year | Total No. of Progress Reports | Satisfactory Progress Reports | No. of Unsatisfactory Progress Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| 8 | Javed Ahmed (02-284222-001) | Dr. Ghulam Muhammad | PhD CS, BUKC | Research Proposal / 3 rd Year | 02 | 02 | - | - | - |
| 9 | Qasim Mahmood (01-284221-001) | Dr. Sumaira Kausar | PhD CS, BUIC-E8 | Research Proposal / 3 rd Year | 03 | 03 | - | - | - |
| 10 | Nasir Iqbal (01-284212-001) | Dr. Faisal Bashir Hussain | PhD CS, BUIC-E8 | Research / 3 rd Year | 05 | 05 | - | - | - |
| 11 | Shahid Mahmood (01-284212-002) | Dr. Moneeb Gohar | PhD CS, BUIC-E8 | Research / 3 rd year | 05 | 05 | - | - | - |
| 12 | Muhammad Shahzad (02-284212-002) | Dr. Syed Safdar Ali Rizvi | PhD CS, BUKC | Research phase/ 3 rd Year | 06 | 06 | - | - | - |
| 13 | Darakhshan Syed (02-284212-001) | Dr. Ghulam Muhammad | PhD CS, BUKC | Research phase/ 3 rd Year | 06 | 06 | - | - | - |
| 14 | Athar Waqar Alvi (01-284211-002) | Dr. Moneeb Gohar | PhD CS, BUIC-E8 | Research Work / 4 th Year | 06 | 06 | - | - | - |
| 15 | Abeer Iftikhar (01-284202-001) | Dr. Kashif Naseer | PhD CS, BUIC-E8 | Research / 4 th Year | 07 | 07 | - | - | - |
| 16 | Amir Ali (01-284202-002) | Dr. Sumaira Kausar | PhD CS, BUIC-E8 | Research/4 th Year | 07 | 07 | - | - | - |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|--------------------------|----------------------------------|---------------------------|-------------------|---------------------------------------|-------------------------------|-------------------------------|--|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus/ | Stage/ Year | Total No. of Progress Reports | Satisfactory Progress Reports | No. of Unsatisfactory Progress Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| 17 | Saneeha Khalid (01 - 284172-002) | Dr. Faisal Bashir Hussain | PhD CS, BUIC-E8 | Foreign Review / 7 th year | 18 | 18 | - | - | - |
| 18 | Fasiha Ikram (02 - 284171-001) | Dr Humera Farooq | PhD CS, BUKC | FTD awaited / 8 th Year | 23 | 23 | - | - | - |
| PHD MATHEMATICS | | | | | | | | | |
| 19 | Zulfiqar Ali (01 - 283232-001) | Dr. Jafar Hasnain | PhD Math, BUIC-E8 | Course Work | NA | NA | - | - | - |
| 20 | Nomana Abid (01-283212-001) | Dr. Jafar Hasnain | PhD Math, BUIC-E8 | Proposal / 3 rd Year | 03 | 03 | - | - | - |
| 21 | Nazia Shahmeer (01-283202-001) | Dr. M. Ramzan | PhD Math, BUIC-E8 | ITD / 4 th Year | 07 | 07 | - | - | - |
| 22 | Ali Raza (01-283202-002) | Dr. Jafar Hasnain | PhD Math, BUIC-E8 | Research / 4 th Year | 07 | 07 | - | - | - |
| PHD COMPUTER ENGINEERING | | | | | | | | | |
| 23 | Amna Waheed (01-281171-005) | Dr. Shehzad Khalid | PhD CE, BUIC H-11 | FTD Conducted / 8 th Year | Final Defense Conducted | | | | |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|--------------------------|-----------------------------------|----------------------|-------------------|---------------------------------------|-------------------------------|-------------------------------|--|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus/ | Stage / Year | Total No. of Progress Reports | Satisfactory Progress Reports | No. of Unsatisfactory Progress Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| PHD SOFTWARE ENGINEERING | | | | | | | | | |
| 24 | Shah Hussain (01 - 281232-001) | Dr. Tamim Ahmed Khan | PhD SE, BUIC H-11 | Course work | NA | NA | - | - | - |
| 25 | Reema Qaiser Khan (02-281232-001) | Dr. Hina Shakir | PhD SE, BUKC | Course Work | NA | NA | - | - | - |
| 26 | Ayesha Arshad (02 - 281222-001) | Dr. Usama Rahman | PhD SE, BUKC | Course Work Complete | NA | NA | - | - | - |
| 27 | Sidra Siddiqui (01 - 281202-002) | Dr. Tamim Ahmed Khan | PhD SE, BUIC H-11 | Research phase / 4 th Year | 9 | 9 | - | - | - |
| 28 | Waqar Khalid (01-281202-001) | Dr. Shehzad Khalid | PhD CE, BUIC H-11 | Research Phase / 4 th Year | 10 | 10 | - | - | - |
| 29 | Mahawish (02- 200182-006) | Dr. Usama Rahman | PhD SE, BUKC | Research Phase / 6 th Year | 11 | 11 | - | - | - |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|----------------------------|---------------------------------------|----------------------|-------------------|--|-------------------------------|-------------------------------|--|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus | Stage / Year | Total No. of Progress Reports | Satisfactory Progress Reports | No. of Unsatisfactory Progress Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| PHD Electrical ENGINEERING | | | | | | | | | |
| 30 | Abrar Ahmed (01 - 281221-001) | Dr. Imtiaz Alam | PhD EE, BUIC H-11 | Course Work-Phase/2 nd | NA | NA | - | - | - |
| 31 | Muhammad Junaid (01-281222-001) | Dr. Asad Waqar | PhD EE, BUIC H-11 | Course Work | NA | NA | - | - | - |
| 32 | Zia Ur Rehman (01 - 281222-002) | Dr. Asad Waqar | PhD EE, BUIC H-11 | Course Work | NA | NA | - | - | - |
| 33 | Adnan Yaqoob (01-281192-001) | Dr. Shehzad Khalid | PhD EE, BUIC H-11 | Research-Phase/4th | 11 | 11 | - | - | - |
| 34 | Muhammad Ovais Akhter (02-281192-001) | Dr. Aurangzeb Rashid | Ph EE, BUKC | Foreign Evaluation Completed/ 5th Year | 12 | 12 | - | - | - |
| 35 | Fazal Muhammad (02-281191-001) | Dr. Haroon Rasheed | PhD EE, BUKC | FTD awaited/ 6th Year | 12 | 12 | - | - | - |
| 36 | Muhammad Waleed Raza (02-281191-002) | Dr. Muhammad Raza | PhD EE, BUKC | Research Phase/ 6th Year | 14 | 14 | - | - | - |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|----------------------------|---------------------------------------|---------------------|---------------------|--|-------------------------------|-------------------------------|--|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus | Stage / Year | Total No. of Progress Reports | Satisfactory Progress Reports | No. of Unsatisfactory Progress Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| PHD ELECTRICAL ENGINEERING | | | | | | | | | |
| 37 | M Hassan Danish Khan (01-281172-001) | Dr. Junaid Imtiaz | PhD EE, BUIC - H11 | ITD-Comp/7th | 15 | 15 | - | - | - |
| 38 | Syed Umaid Ali (01 - 281172-006) | Dr. Asad Waqar | PhD EE, BUIC - H11 | FTD-Phase/7 th | 17 | 17 | - | - | - |
| 39 | Arshee A. Tanveer (02-281171-001) | Dr. Haroon Rasheed | PhD EE, BUKC | Foreign Eval. in Process | 22 | 22 | - | - | - |
| PHD GEOPHYSICS | | | | | | | | | |
| 40 | Haider Shabir (01 - 286212-001) | Dr. Muhsan Ehsan | PhD GeoPhy BUIC-H11 | Research work / 3 rd Year | 6 | 6 | - | - | - |
| 41 | Rana Faisal Shahzad (01 - 286212-002) | Dr. M. Iqbal Hajana | PhD Geophy BUIC-H11 | Research work / 3 rd Year | 6 | 6 | - | - | - |
| 42 | Umar Manzoor (01-286202-002) | Dr. Muhsan Ehsan | PhD Geophy BUIC-H11 | FTD Eval. in Prog / 4 th Year | 10 | 10 | - | - | - |
| 43 | Qadeer Ahmad (01-286192-004) | Dr. M. Iqbal Hajana | PhD Geophy BUIC-H11 | Research work / 5 th Year | 14 | 14 | - | - | - |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|----------------------------|---------------------------------------|---------------------|--------------------------|---|-------------------------------|-------------------------------|--|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus | Stage / Year | Total No. of Progress Reports | Satisfactory Progress Reports | No. of Unsatisfactory Progress Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| PHD ENVIRONMENTAL SCIENCES | | | | | | | | | |
| 44 | Aisha Khaled Chaudhri (01-286222-001) | Dr. Aansa Rukya | PhD ES, BUIC-H11 | Proposal defended / 2 nd | 2 | 2 | - | - | - |
| 45 | Kamran Siddique (01-286222-002) | Dr. Aansa Rukya | PhD ES, BUIC-H11 | Proposal defended / 2 nd | 2 | 2 | - | - | - |
| 46 | Shahzad Naveed (01-286222-003) | Dr. Said Akbar Khan | PhD ES, BUIC-H11 | Proposal defended / 2 nd | 2 | 1 | - | - | - |
| 47 | Zohaib Naseer (01-286222-004) | Dr. Muhsan Ehsan | PhD Geophysics, BUIC-H11 | Proposal defended / 2 nd | 2 | 1 | - | - | - |
| 48 | Saima Nazir (01-286212-003) | Dr. Said Akbar Khan | PhD ES, BUIC-H11 | Research work / 3 rd | 6 | 6 | - | - | - |
| 49 | Umair Rashad (01-286192-003) | Dr. Aansa Rukya | PhD ES, BUIC-H11 | Research work / 5 th | 12 | 12 | - | - | - |
| 50 | Arjan Das (02-282171-001) | Dr. Yasmin Nergis | PhD ES, BUKC | Foreign Eval Complete / 8 th | 18 | 18 | - | - | - |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|------------------------|------------------------------------|------------------------|-----------------------|--|-------------------------------|-------------------------------|--|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus | Stage / Year | Total No. of Progress Reports | Satisfactory Progress Reports | No. of Unsatisfactory Progress Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| PHD GEOLOGY | | | | | | | | | |
| 51 | Waqar Ahmed (01-286192-001) | Dr. Muhammad Zafar | PhD Geology, BUIC-H11 | Research work / 5 th | 14 | 14 | - | - | - |
| 52 | Hina Wajid Satti (01-286182-002) | Dr. Tahseen Ullah Khan | PhD Geology, BUIC-H11 | Research work / 6 th | 18 | 18 | - | - | - |
| 53 | Furqan Aftab (01-286172-003) | Dr. Muhammad Zafar | PhD Geology, BUIC-H11 | 7 Years Foreign evaluation is in process | 21 | 21 | - | - | - |
| 54 | Adeeb Ahmed (01-286172-005) | Dr. Tahseen Ullah Khan | PhD Geology, BUIC-H11 | ITD scheduled on May 2, 2024 / 7 th | 21 | 21 | - | - | - |
| 55 | Adeeb Ahmed (01-286172-005) | Dr. Tahseen Ullah Khan | PhD Geology, BUIC-H11 | ITD scheduled on May 2, 2024 / 7 th | 21 | 21 | - | - | - |
| 56 | Muhammad Asif Khan (01-286172-007) | Dr. Tahseen Ullah Khan | PhD Geology, BUIC-H11 | ITD Completed / 7 th Year | 21 | 21 | - | - | - |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|------------------------|--|---------------------|--------------------|----------------------------------|-------------------------------|-------------------------------|--|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus | Stage / Year | Total No. of Progress Reports | Satisfactory Progress Reports | No. of Unsatisfactory Progress Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| 1 | Ms. Syeda Nazia Ashraf (02-284182-001) | Dr. Raheel Siddique | PhD CS, BUKC | Research / 6 th | 14 | 13 | 1 | NA | NA |
| 2 | Bushra Fazal Khan (02-200181-009) | Dr. Sohaib Ahmed | PhD SE, BUKC | Thesis writing / 7 th | 11 | 10 | 1 | NA | NA |
| 3 | Muhammad Yaseen (01-281201-001) | Dr. Asad Waqar | PhD EE, BUIC - H11 | Research-Phase/4 th | 3 | 2 | 1 | NA | NA |
| 4 | Abdul Rehman (01 - 281172-004) | Dr. Faisal Bashir | PhD EE, BUIC - H11 | ITD-Phase/7 th | 17 | 16 | 1 | NA | NA |
| 5 | Faheem Haroon (01 - 281172-005) | Dr. Asad Waqar | PhD EE, BUIC - H11 | FTD Phase | 17 | 16 | 1 | NA | NA |
| 6 | M. Faisal Siddiqui (02-281172-002) | Dr. Mukesh Kumar | PhD EE, BUKC | ITD / 7 th Year | 19 | 18 | 1 | NA | NA |
| 7 | Syed Maqsood Ali Gilani (01 -286202-001) | Dr. M. Iqbal Hajana | PhD GeoPhy, H11 | Research work / 4 th | 10 | 9 | 1 | NA | NA |
| 8 | Kamran Younas (01-286202-004) | Dr. Asma Jamil | PhD ES/ H -11 | Research work / 4 th | 10 | 9 | 1 | NA | NA |
| 9 | Abdul Shakoor (01-286182-003) | Dr. Said Akbar Khan | PhD ES / H11 | Research work / 6 th | 16 | 15 | 1 | NA | NA |
| 10 | M. Nofal Munir (01 - 286172-001) | Dr. M. Zafar | PhD Geology / H11 | ITD Defended/ 7 Years | 21 | 20 | 1 | NA | NA |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|------------------------|----------------------------------|------------------------|-----------------------|---|-------------------|----------------------|-------------------------------|---|---|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus | Stage / Year | Total No. Reports | Satisfactory Reports | No. of Unsatisfactory Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| 1 | Sumaira Akram (01-286182-001) | Dr. Said Akbar Khan | PhD ES, BUIC-H11 | Research work / 6 th | 19 | 17 | 2 | Students were called by GEC and DRC for counselling, where they agreed to strive hard and complete their PhD within timeline. | - |
| 2 | Zainab Wahab (01 - 286172-008) | Dr. Humera Farah | PhD ES, BUIC-H11 | Thesis submitted ITD to be scheduled / 7 th Year | 21 | 19 | 2 | | - |
| 3 | Aneela Khan (01 - 286172-002) | Dr. Humera Farah | PhD ES, BUIC-H11 | Thesis ITD to be scheduled / 7 th Year | 21 | 19 | 2 | | - |
| 4 | Waqar Ali (01- 286172-009) | Dr. Asma Jamil | PhD ES, BUIC-H11 | ITD evaluation in process / 7 Years | 21 | 19 | 2 | | |
| 5 | Adil Naseer (01 - 286172-004) | Dr. Tahseen Ullah Khan | PhD Geology, BUIC-H11 | ITD evaluation in process / 7 Years | 21 | 19 | 2 | | |

PROGRESS OF PHD SCHOLAR(S)

| PhD Scholar(s) Details | | | | | | | | | |
|------------------------|----------------------------------|--------------------|------------------|----------------------------------|-------------------|----------------------|-------------------------------|--|--|
| S. No. | Name of PhD Scholar (Enrollment) | Supervisor | Program/ Campus | Stage / Year | Total No. Reports | Satisfactory Reports | No. of Unsatisfactory Reports | Action Taken on 02 Unsatisfactory Reports | Action Taken on 03 Unsatisfactory Reports |
| 6 | Muhammad Waqas (01-281181-001) | Dr. Saleem Aslam | PhD EE, BUIC-H11 | Research Phase / 6 th | 15 | 13 | 2 | Student has not meet with the GEC despite repeated emails. | - |
| 7 | Rana Saeed Ahmad (02-281181-001) | Dr. Muhammad Raza | PhD EE, BUKC | Research Phase | 16 | 13 | 3 | Student was counselled by the GEC. | Continuation of PhD was accorded by Hon. Rector. |
| 8 | Maria Ahmed (01 - 281181-003) | Dr. Shahzad Hassan | PhD CE, BUIC-H11 | Research Phase / 6 th | 15 | 12 | 3 | Student is not responding to the department. | Cancellation of PhD recommended by 21 st FRC. |