



FRC Meeting Minutes

10th FRC, Faculty of Engineering Sciences
January 23, 2020

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1. The 10th meeting of the Faculty Research Committee of the Faculty of Engineering Sciences (FRC-ES) was held on January 23, 2020 in the Video Conference Room, Quaid Block at 0930 hours.

Attendees

2. The meeting was attended by the following:

i.	Dr. M. Najam-ul-Islam	Dean ES, Chair (FRC-ES)
ii.	Dr. Riaz Ahmed	Director PGP
iii.	Dr. Tahseenullah Khan	HoD EES Dept., IC
iv.	Dr. Khalid Javed	HoD CE Dept., IC
v.	Dr. Muhammad Muzammal	HoD CS Dept., IC
vi.	Dr. Syed Safdar Ali Rizvi	HoD CS Dept., KC
vii.	Dr. Atif Raza Jafri	HoD, EE Dept., IC
viii.	Dr. Haroon Rasheed	HoD EE Dept., KC
ix.	Dr. Awais Majeed	HoD SE Dept., IC
x.	Dr. Sohaib Ahmad	HoD SE Dept., KC
xi.	Dr. Muhammad Zafar	Snr. Professor, EES Dept., IC
xii.	Dr. Mehrab Khan	Snr. Professor, EES Dept., KC (For HoD E&ES, BUKC)
xiii.	Dr. Muhammad Ramzan	Snr. Professor, CS Dept, IC
xiv.	Dr. Tamim Ahmed Khan	Snr. Professor, SE Dept, IC
xv.	Dr. Asim Qureshi	ASP, CS Dept., LC (For HoD CS, BULC)
xvi.	Dr. Imran Siddiqi	Professor CS Dept., IC (Secretary FRC-ES)

Opening Remarks

3. The meeting started with the recitation from the Holy Quran. Chair FRC welcomed the participants at the three campuses.

Agenda

4. The agenda items prepared by the respective PGP Coordinators/HoDs were published a week before the meeting.
5. The agenda items presented and the decisions taken are as follows.

Agenda Items

Item 10.1 Appointment of Examiners for MS Thesis Defense

Discussion

1. HoDs from the respective departments of Faculty of Engineering Sciences presented the cases of MS students who have completed their research work and submitted their theses for evaluation. FRC was requested to appoint internal and external examiners for the MS thesis defense of the presented candidates.

Decision

2. On recommendation of the respective DRCs, FRC appointed panels of examiners for the final MS thesis defense of the presented candidates. Details on the candidates and the approved examiners are listed in **Annex-I**.

Action by: Concerned HoDs

Item 10.2 Appointment of Examiners for PhD Comprehensive Exam

Discussion

3. HoDs from the respective departments of Faculty of Engineering Sciences presented the cases of students enrolled in the PhD programs (**Annex-II**). The candidates have completed their course work and need to appear for the PhD comprehensive exam. FRC was requested to approve relevant subjects and appoint appropriate examiners for their PhD Comprehensive Exam.

Decision

4. On recommendation of the respective DRCs, FRC approved the subjects and examiners for the PhD Comprehensive Exam of the presented candidates. Details on candidates and approved examiners are listed in **Annex-II**.

Action by: Concerned HoDs

Item 10.3 Appointment of Examiners for PhD Proposal Defense

Discussion

5. Candidates listed in **Annex III** and enrolled in PhD programs have cleared their comprehensive exam and are ready to appear for the PhD proposal defense. FRC was requested to appoint an appropriate panel of examiners to conduct the PhD proposal defense of the candidates.

Decision

6. On recommendation of the respective DRCs, FRC appointed panels of examiners to conduct the PhD Proposal Defense of the presented candidates. The approved examination panels are listed in **Annex III**. Department were instructed to ensure that the proposal defense is carried out within the time frame in accordance with the PhD Rules.

Action by: Concerned HoDs

Item 10.4 Appointment of Examiners for Final PhD Defense

Discussion

7. HoD (CE), Islamabad campus, presented the case of Mr. Qazi Ziaullah (01-281131-007) enrolled in the PhD (CE) program. The candidate has submitted his thesis for internal evaluation. FRC was requested to provide a conditional approval of the examiners for the final PhD defense of the candidate.

Decision

8. It was observed that the foreign evaluators of the candidate have already been recommended by the FRC. A conditional recommendation was provided subject to the clearance of the internal evaluation. Since the thesis has not yet been internally cleared, the house agreed not to provide a second conditional approval. The agenda item was therefore dropped.

Action by: None

Item 10.5 Re-appointment of Internal Examiners for MS Thesis Defense

Discussion

9. FRC was informed that few of the previously approved examination panels to conduct MS thesis defense (**Annex-IV**) need to be updated due to non-availability of the internal examiners.

Decision

10. On recommendation of the respective DRCs, FRC appointed the new internal examiners to conduct the MS Thesis defense of the candidates listed in **Annex IV**.

Action by: Concerned HoDs



Item 10.6 Inclusion of Experts in the list of Local External Examiners

Discussion

11. Profiles of active researchers in various peer universities were presented to the FRC for inclusion in the pool of local external examiners to evaluate MS/PhD theses.

Decision

12. FRC approved the examiners listed in **Annex V** for inclusion in the pool of local external examiners.

Action by: Concerned HoDs

Item 10.7 Inclusion of Experts in the List of Foreign Evaluators

Discussion

13. HoD (CS), Islamabad campus presented the profile of Professor Angelo Marcelli from University of Salerno, Italy for recommendation to the HERC to include him in the pool of foreign evaluators to review PhD theses.
14. HoD (SE), Islamabad campus presented the profile of Dr. Imran Khan Niazi, Senior Research Fellow at New Zealand College of Chiropractic, New Zealand, for inclusion in the pool of foreign evaluators.

Decision

15. FRC approved the profiles of Professor Marcelli and Dr. Imran Khan Niazi for recommendation to the HERC to include them in the pool of foreign evaluators. Profile summaries of the experts are presented in **Annex VI**.

Action by: HoD CS, SE, BUIC

Item 10.8 Appointment of PhD Supervisor and Advisory Committee

Discussion

16. HoD (CS), Islamabad campus, presented the case of Mr. Junaid Ali Khan (01-284192-001) enrolled in the PhD(CS) program in Fall 2019. He intends to work in Digital Image Processing and Pattern Recognition during his PhD research work. FRC was requested to approve the appointment of supervisor and advisory committee for the candidate.

Decision

17. On recommendation of the DRC, FRC approved the appointment of supervisor and advisory committee for PhD candidate Junaid Ali Khan. The approved advisory committee and supervisor are listed in **Annex VII**.

Action by: HoD CS, BUIC

Item 10.9 Drop from PhD Program

Discussion



18. HoD CS, BUIC, presented the case of Mr. Zuhaib Uddin Ahmad, 01-284132-004, who was admitted in the PhD (CS) program in Fall 2013 under the supervision of Dr. Faisal Bashir and defended his PhD research proposal in Sep 2016. The extended duration of PhD program for Mr. Zuhaib completed in Spring 2019. The candidate was repeatedly informed by the department about the completion of extended duration; however, the candidate never applied for further extension in the program. Department has also received two unsatisfactory progress reports by the supervisor. DRC recommended that the candidate may be dropped from the program.
19. HoD CS, BUIC, presented the case of Ms. Alyia Amir (01-284162-003) enrolled in the PhD (CS) program. The candidate cleared her comprehensive exam in August 2018 but was not able to get the research proposal approved within the stipulated time. The candidate also did not request for any extension to defend the research proposal. DRC recommended the candidate to be dropped from the PhD program.
20. HoD EE, BUIC, presented the case of Engr. Badar Ali (01-281171-002) enrolled in the PhD (EE) program. The candidate appeared for the proposal defence on 05-09-2019 but could not pass the proposal defense. The one year deadline (after the comprehensive exam) to clear the proposal defense has also expired. Consequently, the DRC recommended that the candidate be dropped from the program.
21. Mr. Azmat Khan (Enrolment No: 02-284152-001) is enrolled in the PhD (CS) program in the department of CS, BUKC. The candidate was initially working under the supervision of Dr. Humera Farooq. The candidate after receiving two unsatisfactory progress reports from the supervisor, changed his research topic in accordance with the PhD Rules and Dr. Sohaib Ahmed was appointed as the new supervisor. The candidate was asked to defend his fresh research proposal. The research proposal, however, was never submitted to the department for evaluation. Furthermore, the new supervisor, Dr. Sohaib Ahmed, has also submitted two unsatisfactory progress reports of the candidate. The DRC has recommended the candidate to be dropped from the PhD program.
22. HoD E&ES, BUKC, presented the case of Mr. Naeem Ahmed Mughal (Enrol No: 02-282101-001) enrolled as PhD scholar since Spring 2010 in the department of Earth and Environment Sciences. The candidate submitted his first thesis draft on July 2nd 2017 and until now the thesis has been reviewed several times by various Internal Evaluation Committees formed between July 2017 to July 2019. The last review committee was formed in June 2019, comprising of Dr. Syed Shahid Ali & Dr. Haris Ahmed Khan (E&ES, BUKC) and, Dr. Said Akbar Khan (E&ES, BUIC). The submitted thesis was still found unsatisfactory for foreign review and major revisions were suggested by the examiners. The candidate was granted last and final extension by the Competent Authority for completion of degree requirements but the candidate failed to complete these requirements within the extended period. DRC recommended that the candidate

be dropped from the PhD program.

Decision

23. In accordance with the PhD Rules and on recommendations of the respective DRCs, FRC approved the cancelation of admission of the PhD candidates listed in **Annex VIII**. Departments were advised to proceed to the subsequent processing for the cancellation of admissions.

Action by: Concerned HoDs

Item 10.10 Ratification in extension of PhD Duration

Discussion

24. Mr. Yousaf Zia (01-284132-003) is a PhD scholar enrolled in the department of CS at BUIC and is working under the supervision of Dr. Faisal Bashir. The extended program duration of the candidate completed in Spring 2019. The candidate applied for an extension after the 9th meeting of the FRC-ES and the extension was approved by the Dean (ES). FRC was requested to ratify the extension.

Decision

25. FRC ratified the one year extension in the program duration of PhD candidate Mr. Yousaf Zia (01-284132-003).

Action by: None

Item 10.11 Appointment of Examiners for PhD Internal Defense

Discussion

26. Ms. Momina Moetesum (01-284142-001) is enrolled in the PhD (CS) program at the department of CS, BUIC under the supervision of Dr. Imran Siddiqi. The candidate has submitted her thesis to the department for internal evaluation. FRC was requested to appoint appropriate examiners for the internal PhD defense of the candidate.
27. HoD EE, BUKC presented the cases of PhD students Ms. Naveen Irtiza (02-281131-001) and Ms. Hina Shakir (02-281141-001) who have submitted their theses to the department for internal evaluation. FRC was requested to appoint examiners for the internal PhD defense of the candidates.

Decision

28. On recommendation of the DRC, FRC appointed the panel of examiners to conduct the internal defense of presented PhD candidates. The appointed examination panels are listed in **Annex-IX**.

Action by: Concerned HoDs

Item 10.12 Recommendation of Foreign Evaluators for PhD Candidates

Discussion

29. HoD CS, BUIC, presented the case of Ms. Momina Moetesum (01-284142-001) who has submitted her PhD thesis to the department for internal evaluation. Subject to the successful internal defense, FRC was requested to recommend the foreign evaluators for subsequent thesis evaluation.

30. Mr. Adeel M. Syed (Enrolment #: 01-281132-001) is enrolled in the PhD (SE) program at BUIC. The candidate submitted his thesis for internal evaluation and conditional recommendation of foreign evaluators was requested from the FRC.
31. HoD EE, BUKC, presented the case of PhD scholar, Ms. Naveen Irtiza (02-281131-001) who has submitted her thesis for internal evaluation. FRC was requested to provide conditional recommendation of foreign evaluators for subsequent evaluation of the thesis.

Decision

32. On recommendation of the respective DRCs, FRC provided its recommendations for the foreign evaluation of the PhD theses of the presented candidates. The recommended evaluators are listed in **Annex-X**.

Action by: Concerned HoDs

Item 10.13 Change in Subjects of Comprehensive Examination for PhD Candidate

Discussion

33. HoD CS, BUIC, presented the case of Muhammad Waseem (01-284172-001) a PhD (CS) scholar, working under supervision of Dr. Muhammad Muzammil. His area of research is "Preventive Healthcare Using Big Data". Mr. Waseem was unable to pass the comprehensive examination in the first attempt and had requested to change one of the subjects for the second attempt of comprehensive exam.

Decision

34. The house was informed that the choice of subjects and the nominations of examiners is carried out by the FRC as a function of relevancy of the subjects with the research theme of the candidate. The agenda item was therefore not approved.

Action by: None

Item 10.14 Cancellation of the Candidacy of MS Students

Discussion

35. HoD E&ES, BUIC, presented the cases of MS candidates (**Annex-XI**) whose supervisors have submitted three unsatisfactory progress reports. The students were asked by the department to appear in front of the DRC and provide reasons for the un-satisfactory performance. Two students of the MS Geology program did not appear in the DRC, whereas two students of the MS Geophysics program appeared on 6th February 2019 and accepted their non-seriousness and, committed to submit their theses. However, they remained absent afterwards and did not show any progress. The DRC recommended cancellation of candidacy of these candidates.

Decision

36. On recommendation of the DRC and in accordance with paras 25.2 and 24.7.2 of MS/MPhil Rules, FRC approved the cancellation of candidacy of the MS students listed in **Annex-XI**. Subsequent processing is to be carried out by the department in accordance with the MS/MPhil Rules.



Action by: HoD E&ES, BUIC

Item 10.15 Appointment of PhD Supervisors/Co-Supervisors

Discussion

37. HoD E&ES, BUIC, presented the cases of PhD Scholars of Geology, Geophysics and Environmental Sciences for appointment of supervisors and co-supervisors.

Decision

38. On recommendation of the DRC, FRC approved the appointment of supervisors/co-supervisors for the presented PhD candidates. The approved appointment are listed in **Annex XII**.

Action by: HoD E&ES, BUIC

Item 10.16 Change of Supervisor – PhD Candidate

Discussion

39. HoD E&ES, BUIC, presented the case of PhD scholar Mr. Waqar Ali (01-286172-009) who has submitted an application for the change of principal supervisor and appointment of co-supervisor. DRC recommended Dr. Asma Jamil to be his principal while Dr. Muhammad Zia ur Rahman Hashmi to be the co-supervisor.

Decision

40. It was observed with concern that the candidate did not defend his research proposal within the stipulated time and has submitted an application for the change of supervisor. Chair FRC pointed out that FRC is not authorized to allow extension in the time to defend the research proposal. The case was recommended to be processed on file to seek approval from the competent authority.

Action by: HoD E&ES, BUIC

Item 10.17 Extension in Time Bar of PhD Scholars

Discussion

41. HoD SE, BUIC, presented the case of Mr. Adeel M. Syed (Enrolment #: 01-281132-001) who is enrolled in the PhD (SE) program and his thesis is presently under internal evaluation. The candidate completed six years in Spring 2019 and DRC has requested the FRC to grant him one year extension so that the subsequent processing of thesis can be carried out.
42. HoD EE, BUIC, presented the cases of PhD scholars Mr. Shahid Ismail (Enrollment #: 01-281141-002) and Ali Mustafa (Enrollment #: 01-281131-002). Mr. Shahid Ismail is in final stages of his research and completed his six years in Fall 2019 while Mr. Ali Mustafa has completed his seven years and is waiting for the final defense. FRC was requested to grant one year extension to Mr. Shahid Ismail while recommend one year extension for Mr. Ali Mustafa to the honorable Rector.
43. Mr. Qazi Zia Ullah (Enrollment #: 01-281131-007), enrolled in the PhD (CE) program at BUIC was granted one year extension in the 8th meeting of the FRC. The internal evaluation of the thesis of the candidate is in process and FRC was requested to recommend one year extension for the candidate to the honorable Rector.



44. HoD EE, BUKC, presented the case of Ms. Naveen Irtiza (Enrollment #: 02-281131-001) to recommend one year extension in the PhD duration to the honorable Rector.

Decision

45. FRC approved an extension of one year and recommendation of extension to the honorable Rector for the concerned PhD candidates. The salient details of the candidates are presented in **Annex-XIII**.

Action by: Concerned HoDs

Item 10.18 Ratification of External Examiners for MS Thesis Defense

Discussion

46. Cases of MS students were presented whose external examiners were approved by the FRC but the examiners could not be available for the thesis defense. Approval for the change of these examiners was granted by Dean (ES) on file. FRC was requested to ratify the change of external examiners.

Decision

47. FRC approved the ratification of external examiners for the MS thesis defense of the candidates listed in **Annex-XIV**.

Action by: None

Item 10.19 Ratification of Internal Examiners for MS Thesis Defense

Discussion

48. HoD (SE), BUIC informed the house that the following faculty members have proceeded on leave for the academic year 2019-2020.

- Dr. Shahid Nazir Bhatti
- Dr. Raja M Suleman

49. Dr. Bhatti and Dr. Suleman were appointed internal examiners in the MS thesis defense of a number of candidates. Due to unavailability of these FMs, approval for the change of internal examiners was sought from Dean (ES) on file and the change was requested to be ratified by the FRC.

50. Dean (ES) approved the change of internal examiner for the MS thesis defense of Mr. Irfan Mustafa (02-243171-004) enrolled in the MS (CS) program at BUKC; due to non-availability of Dr. Usama who was approved as examiner in the 8th meeting of the FRC. FRC was requested to ratify the change.

Decision

51. FRC ratified the change of internal examiners of the candidates listed in Annex-XV.

Action by: None

Item 10.20 Withdrawal from PhD Program

Discussion

52. HoD CS, BUKC, presented the case of the Mr. Muzammil Ahmed Khan (Enrol No: 02-284172-001) who was enrolled in the PhD (CS) program under the supervision of Dr. Safdar. The candidate has



submitted his application of withdrawal from the PhD program due to his personal reasons, hindering him to give due time to his research. FRC was requested to approve the withdrawal.

Decision

53. Department was asked to process the withdrawal of the candidate Mr. Muzammil Ahmed Khan from the PhD (CS) program.

Action by: HoD CS, BUKC

Item 10.21 Appointment of Co-Supervisor for PhD Student

Discussion

54. HoD CS, BUKC presented the case of PhD candidate Mr. Adnan Abdullah (02-284162-002). In accordance with the decision on the agenda item 8.15 of the 8th meeting of FRC, the PhD proposal defense of the candidate was re-conducted after approval from the competent authority. DRC recommended to appoint Dr. Tariq Miraj as co-supervisor of the candidate.

Decision

55. FRC approved the appointment of Dr. Tariq Miraj as co-supervisor of PhD scholar Mr. Adnan Abdullah. Appointment details are summarized in **Annex-XVI**.

Action by: HoD CS, BUKC

Item 10.22 Appointment of PhD Advisory Committees

Discussion

56. FRC was requested to appoint advisory committees for the PhD candidates admitted to PhD programs in department of E&ES BUIC, EE BUIC and EE BUKC.

Decision

57. On recommendation of the respective DRCs, FRC approved advisory committees of the presented PhD candidates. The approved committees are listed in **Annex XVII**.

Action by: Concerned HoDs

Item 10.23 Ratification for change/approval of PhD Co-supervisors

Discussion

58. HoD E&ES (BUIC) presented the cases of the PhD candidates whose co-supervisors were changed and the change was approved by Dean (ES) on file. FRC was requested to ratify the change of co-supervisors.

Decision

59. FRC ratified the change of co-supervisors of the presented candidates. Details are listed in **Annex-VIII**.

Action by: None



Item 10.24 Ratification for Examiners for PhD Proposal Defense

Discussion

60. HoD E&ES (BUIC) presented the cases of PhD candidates whose examiners for the PhD proposal defense were approved by the Dean (ES) on file. FRC was requested to ratify the appointments.

Decision

61. FRC ratified the appointment of examiners listed in **Annex-XIX** for the PhD candidates in the E&ES department, BUIC.

Action by: None

Item 10.25 Regular Progress Presentations of PhD Scholars

Discussion

62. Secretary FRC, Dr. Imran Siddiqi, sought suggestions from the members to improve the existing process of monitoring the progress of the PhD candidates.
63. Few of the members pointed out that the progress reports can be complemented with progress presentations however majority of the members were concerned about the high frequency of such presentations. Arranging such presentations after every three months and ensuring the presence of all advisory committee members (especially external members) could be challenging.
64. Chair FRC and other members suggested having progress presentations every six months.

Decision

65. All departments were instructed to hold progress presentations of PhD scholars in research phase every six months. The first series of such presentations was recommended to be carried out by March 2020.

Action by: All HoDs

Closing Remarks

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

Dr. Atif Raza Jaffri
Chair – FRC, Dean ES

March 11, 2020



Annex-I: Appointment of Examiners for MS Thesis Defense

CE Department, Islamabad Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Muhammad Taimoor Iqbal (01-242172-005)	Improved Zone Divisional Hierarchical Routing Protocol	MS(CE)	Dr Shahzad Hassan	Dr Faisal Bashir	Dr Syed Hashim Raza
2	Arif Zaman (01-242172-008)	A deep learning approach for udder detection for dairy farm	MS(CE)	Dr Khalid Javed	Dr Imran Fareed Nizami	Dr Ayyaz Hussain
3	Muhammad Huzaifa (01-242181-003)	Low Latency Montgomery Multiplier for Cryptographic Applications	MS(CE)	Dr Khalid Javed	Dr Atif Raza Jafri	Dr Tassadaq Hussain



Appointment of Examiners for MS Thesis Defense

SE Department, Karachi Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Tahira Niazi ¹ (02-244142-018)	A correlation analysis of personality assessment and social network structure	MS(SE)	Dr Sohaib Ahmed	Dr Rizwan Iqbal	Dr M.Sarim
2	Syed Sameed Ahmed Qureshi (02-241171-004)	A deep neural network approach for intelligent competent-based learning path prediction in HR system	MS(SE)	Dr Sohaib Ahmed	Dr Raheel Siddiqi	Dr Najeed Ahmed
3	Muniba Humayun (02-241181-004)	Handwritten character recognition using customized sequential convolution neural network	MS(SE)	Dr Raheel Siddiqi	Dr Salahuddin Unar	Dr M.Sarim

¹ Subject to approval by the honorable Rector as the candidate has been enrolled since Fall 2014



Appointment of Examiners for MS Thesis Defense: CS Department, Lahore Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Shahab Anjum (03-243181-005)	Characterization Of Wireless Traffic By Incorporating Dependencies For Intelligent Resource Management	MS(CS)	Dr. Khurram Ehsan	Dr Abd-ul-Hafeez	Dr Faisal Aslam
2	Saad Saeed (03-243181-006)	Emotion Recognition From Image Using Face Detection By Deep Learning	MS(CS)	Dr. Khurram Ehsan (Ms Summaira Nosheen)	Dr Irum Noreen	Dr Sheraz Naseer
3	Muhammad Ul Saqlain Nawaz (03-243181-007)	Optimized Approach For Resource Allocation In IoT Based Cognitive 5G Networks	MS(CS)	Dr. Khurram Ehsan	Mr. Asghar Ali Shah	Dr Shahzad Sarwar
4	Hafiz Muhammad Bilal (03-243181-008)	A Study Of Requirement Engineering Practices In Global Software Development	MS(CS)	Dr Abdul Hafeez (Dr Zeeshan Ali Rana)	Dr M.Aasim Qureshi	Dr Shoaib Farooq
5	Madiha Qadir (03-243181- 013)	Deep Learning Approach For Efficient Prediction Of Churn Employee	MS(CS)	Dr Iram Noreen (Mr. Asghar Ali Shah)	Dr M.Aasim Qureshi	Dr Amna Khan
6	Adnan Ahmad (03-243181-018)	Usability Evaluation Of MOOC Platform	MS(CS)	Dr Abdul Hafeez (Miss Sarah Chaudary)	Dr Khurram Ehsan	Dr Ansar Siddique
7	Hafiz Noman Sarwar (03-243181-021)	Quality Evaluation Of Local Pakistani Academic Websites And Their Comparison With Known Global Websites Using Fuzzy AHP	MS(CS)	Dr Abdul Hafeez (Miss Fakhra Batool)	Mr. Asghar Ali Shah	Dr Shoaib Farooq
8	Hafsa Naveed (03-243181-022)	Quora Insincere Questions Classification	MS(CS)	Mr. Asghar Ali Shah	Dr Abd-ul-Hafeez	Dr Muzammil Hussain
9	Irfan Latif (03-243181-023)	Sentiment Analysis On Social Media Using Machine Learning Techniques	MS(CS)	Dr Ghulam Mustafa (Mr. Zia-Ur-Rehman)	Dr M.Aasim Qureshi	Dr Arfan Ali Nagra
10	Muhammad Ahsan Amin (03-243181-024)	The Impact Of Social Media On The Personality Of Under Graduates Students: A Descriptive Analytical Approach	MS(CS)	Dr Abdul Hafeez	Mr. Asghar Ali Shah	Dr Ansar Siddique
11	Zunaira Riaz Maan (03-243181-026)	Customer Churn Predication In Social Media	MS(CS)	Dr. Ghulam Mustafa (Mr. Asghar Ali Shah)	Dr M.Aasim Qureshi	Dr Arfan Ali Nagra
12	Zaeem Arif Butt (03-243181-030)	Lung Cancer Detection Using Machine Learning Techniques	MS(CS)	Dr Ghulam Mustafa (Mr. Asghar Ali Shah)	Mr. Aasim Ali	Dr Adnan Nabeel Qureshi
13	Muhammad Adil (03-243181-032)	Impact Of Machine Learning In Diagnosing Esophageal Adenocarcinoma At An Earlier Stage.	MS(CS)	Dr Ghulam Mustafa (Mr. Zunnorain Hussain)	Dr Irum Noreen	Dr Adnan Nabeel Qureshi



Faculty of Engineering Sciences, Bahria University, Islamabad.

14	Majid Ali (03-2413171-004)	Integrating mobile devices in Heterogenous Mobile Grid computing	MS(CS)	Dr. Khurram Ehsan (Dr. Abdul Hafeez)	Mr Asghar Ali Shah	Dr Faisal Aslam
15	Saad -ur-Raheem (03-243162-011)	3D Object View construction from 2D images	MS(CS)	Mr. Asghar Ali Shah	Dr M.Aasim Qureshi	Dr Muhammad Shahid Fareed



Appointment of Examiners for MS Thesis Defense

CS Department, Islamabad Campus

Sr. Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiners	External Examiners
1 Muahammad Wajahat Abbaasi 01-243172-013	Perform Analysis on Taxation data using Machine Learning Techniques	MS(CS)	Dr. Asfand e Yar	Dr. Sumaira Kausar	Dr. Amanullah Yasin
2 Muhammad Sajid 01-243172-021	Cache Slicing policy and adaptive device to device communication protocol	MS(CS)	Dr. Saleem Aslam	Dr. Kashif Naseer	Dr. Amir Habeeb
3 Umair Shahid 01-243172-033	Identification of Personality Traits using Computerized Analysis of Handwriting	MS(CS)	Dr. Imran Siddiqi	Dr. Amna Jameel	Dr. Sibte-ul-Hussain
4 Usman Ahmad 01-243172-035	Video Mosaicing for seabed mapping and Species classification using SIFT	MS(CS)	Dr. Arif Ur Rehman	Dr. Sumaira Kausar	Dr. Arslan Shaukat
5 Muhammad Awais 01-243181-008	Lesion Detection in Wireless Capsule Endoscopy	MS(CS)	Dr. Sumaira Kausar	Dr. Imran Fareed Nizami	Dr. Engr. Umer Javeed
6 Muhammad Kashif Iqbal 01-243181-012	Election Results Forecasting Considering Constituency Level Using Historical Data	MS(CS)	Dr. Arif Ur Rahman	Dr. Asfand e Yar	Dr. Hammad Afzal
7 Muhammad Yasir 01-243181-014	Automatic Habitat Mapping Using Deep Neural Nets	MS(CS)	Dr. Arif Ur Rahman	Dr. Imran Siddiqi	Dr. Abdul Basit
8 Rizwan Bashir 01-243181-017	Deep Learning approach for underwater Object classification	MS(CS)	Dr. Arif Ur Rahman	Dr. Sumaira Kausar	Dr. Arslan Shaukat
9 Sikandar Hayyat Sheikh 01-243181-019	A Game-theoretic Approach to Blockchain- based Identity Preservation	MS(CS)	Dr. Muhammad Muzammil	Dr. Arif ur Rehman	Dr. Rizwan Bulbul
10 Syed Adnan Bukhari 01-243181-020	Automatic Object Detection in Remote Sense Imagery	MS(CS)	Dr. Sumaira Kausar	Dr. Imran Fareed Nizami	Dr. Sibte-ul-Hussain
11 Syed Hassan Ali 01-243181-021	Large scale vertebrae segmentation using deep learning	MS(CS)	Dr. Sumaira Kausar	Dr. Imran Siddiqi	Dr. Farhan Riaz
12 Syed Jawad Ali 01-243181-022	Selection of web services in cloud using AI	MS(CS)	Dr. Sabina Akhtar	Dr. Muhammad Muzammil	Dr. Irfan ul Haq
13 Waqar Ahmed 01-243181-025	Movies quality prediction using AI techniques	MS(CS)	Dr. Sabina Akhtar	Dr. Arif ur Rehman	Dr. Ayyaz Hussain



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14	Faisal Shoaib 01-243181-027	Flow Control in Software Defined Networks	MS(CS)	Dr. Saleem Iqbal	Dr. Moneeb Gohar	Dr. Adnan Akhunzada
15	Muhammad Waqas 01-243181-028	Automatic text summarization of News articles	MS(CS)	Dr. Sabina akhtar	Dr.Asfand-e-Yar	Dr Hammad Afzal
16	Muhammad Numair 01-247172-016	Performance Comparison of SHA-3 Algorithm Candidates on CPU and GPU	MS(IS)	Dr. Nazir Ahmad Malik	Dr. Khalid Javed	Dr. Abid Khan
17	Abeer Iftikhar Tahirkheli 01-247181-001	Trust Evaluation based approach for Smart City Network	MS(IS)	Dr. Kashif Naseer	Dr. Faisal Bashir	Dr. Saleem Iqbal
18	Arsalan Malik 01-247181-002	Implementation of Information Security Controls in Financial Organization through Gap Analysis	MS(IS)	Dr. Nazir Ahmad Malik	Dr. Faisal Bashir	Dr. Abid Khan
19	Ejaz Ahmad 01-247181-003	Network virtualization and Software define Network Security challenges and solution	MS(IS)	Dr. Kashif Naseer	Dr.Moneeb Gohar	Dr. Khalid Mehmood Awan
20	Imran Ahmad Khan 01-247181-006	Identity Management Using Blockchain Technology	MS(IS)	Dr. Ibrahim Tariq	Dr. Muhammad Muzammil	Dr. Basit Shahzad
21	Luqman Shahzad 01-247181-008	Blockchain Based Efficient And Secure Mechanism For Internet Of Vehicles	MS(IS)	Dr. Abid Khan	Dr. Muhammad Muzammil	Dr. Tariq Umer
22	Muhammad Mudassir 01-247181-009	Optimizing Ruleset for new signatures in IDS using Machine Learning	MS(IS)	Dr. Nazir Ahmad Malik	Dr.Sumaira Kausar	Dr. Rizwan Ahmed
23	Waqas Ahmed 01-247181-015	Efficient Scheduler for Cloud Security Auditing	MS(IS)	Dr. Khalid Javeed	Dr. Sabina Akhtar	Dr. Sajjad Ahmed Madani
24	Ayesha Naveed 01-247181-019	An Efficient Framework for SQL Injection Vulnerability Detection in Web Applications and Protection through Modsecurity	MS(IS)	Dr. Kashif Naseer	Dr. Moazzam	Dr. Saleem Iqbal
25	Shahid Mahmood 01-247181-024	Digital Certificate Verification Scheme in Internet of Things	MS(IS)	Dr. Moneeb Gohar	Dr. Faisal Bashir	Dr. Muazzam A. Khan Khattak
26	Arslan Abbasi 01-247181-025	Secure and Lightweight Authentication Scheme for Internet of Things	MS(IS)	Dr. Moneeb Gohar	Dr. Moazzam	Dr. Khalid Mehmood Awan
27	Muhammad Shahzad 01-247181-027	Devising An Efficient Countermeasure Against DDoS Attacks in WSNs	MS(IS)	Dr. Nazir Ahmad Malik	Dr. Shahzad Hassan	Dr. Majid Iqbal Khan
28	Sundus Qayyum 01-247181-029	A novel approach for secure storage, transmission and processing of IoT devices using FPGA	MS(IS)	Dr. Kashif Naseer	Dr. Atif Jaffri	Dr.Nazir Malik
29	Abdul Sammad 01-245181-002	Clustering based efficient data provisioning protocol along cache refreshment policy in	MS(Telecom)	Dr. Saleem Aslam	Dr.Khalid Javed	Dr. Rizwan Ahmed



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		D2D frame work				
30	Junaid Shabbir Abbasi 01-245181-003	Optimizing Pattern Matching for Intrusion Detection using Finite State Machine	MS(Telecom)	Dr. Faisal Bashir	Dr. Moneeb Gohar	Dr. Muazzam A. Khan Khattak
31	Muhammad Shahid Saeed 01-245181-005	A Novel and Secure Framework for Industrial Internet of Things	MS(Telecom)	Dr. Kashif Naseer	Dr. Sabina Akhtar	Dr. Khalid Mehmood Awan
32	Sajjad Ahmed 01-245181-007	Optimization of Ring Buffer in Packet Capturing	MS(Telecom)	Dr. Faisal Bashir	Dr Kashif Naseer	Dr. Abid Khan
33	Miss Abida 01-248181-001	A Numerical Simulation Of Hybrid Nano Fluid Flow With Homogenous Heterogeneous Reactions Over A Curved Surface.	MS(Maths)	Dr. Muhammad Ramzan	Dr.Rizwan-ul-Haq	Dr. M. Bilal
34	Imran Abbas 01-248181-002	Blasius and Sakadis flow of non-Newtonian nanofluids considering magnetic field	MS(Maths)	Dr. Jafar Husnain	Dr Ramzan	Dr. Muhammad Sajid
35	Muniba Qayyum 01-248181-003	Squeezing flow and heat transfer of viscous fluid in a rotating channel with porous surface	MS(Maths)	Dr. Rizwan ul Haq	Dr Jafar Husnain	Dr. Nasir Rehman
36	Nomana Abid 01-248181-004	Radiative Darcy Frochheimer Squeezing Carbon Nano-Tubes Suspended Nano-Fluid Flow Between Parallel Disks	MS(Maths)	Dr. Muhammad Ramzan	Dr Nazia Talat	Dr. Sohail Nadeem
37	Nosheen Gul 01-248181-005	Radiative Hybrid Nano-Fluid Flow with Double Stratification And Slip Over A Curved Surface	MS(Maths)	Dr. Muhammad Ramzan	Dr Jafar Husnain	Dr. Nasir Rehman



Appointment of Examiners for MS Thesis Defense
E & ES Department, Islamabad Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiners	External Examiners
1	Abbas Khan (01-262182-001)	3D seismic Structural Analysis and Porosity Estimation using Post-Stack Seismic Inversion, Zamzama Field, Southern Indus Basin, Pakistan	MS Geophysics	Adil Naseer	Dr. M. Iqbal Hajana	Shehzada Ammar Yasir
2	Abdul Moiz (01-262182-002)	Integrated Study for Reservoir Characterisation by Using Geophysical Methods for Mehar block Lower Indus Basin Pakistan	MS Geophysics	Dr. Muhsan Ehsan (Dr Khalid Amin)	Dr. M. Iqbal Hajana	Dr Anees Ahmed Bangash
3	Aleesha Ahmed (01-262182-004)	Reservoir Characterisation of Sawan Field using Petrophysical and Neural Network Analysis, Middle Indus Basin, Pakistan	MS Geophysics	Dr. M. Fahad Mehmood	M. Raiees Amjad	Muyassar Hussain
4	Alma Rasool (01-262182-005)	Multiattribute Inversion and AVO Analysis for Reservoir Characterisation of Gambat and Latif Block, Southern Indus Basin, Pakistan	MS Geophysics	Dr. Muhsan Ehsan (Dr Khalid Amin)	Dr. M. Fahad Mehmood	Dr. Muhammad Irfan Ehsan
5	Anum Bashir (01-262182-006)	Reservoir Characterisation of Gambat/Latif Block from Post Stack Inversion Analysis using 3D Seismic and Well Log Data, Southern Indus Basin, Pakistan	MS Geophysics	Urooj Shakir	Dr. M. Fahad Mehmood	Hafiz Mubasher Anwar
6	Hira Shireen (01-262182-007)	Clastic Sequence Stratigraphic Framework of Cambrian and Permian Ages in Missa Keswal Area Potwar Sub Basin using Geophysical Data Sets	MS Geophysics	Urooj Shakir	Tausif Ahmad	Dr Anees Ahmed Bangash
7	Irfan Ali (01-262182-008)	Clastic Sequence Stratigraphic Framework of Permian to Crustaceous age. Gujar Khan area, Potwar Sub basin, Pakistan.	MS Geophysics	Urooj Shakir	Dr. Muhsan Ehsan	Dr. Aamir Ali
8	Muhammad Suleman (01-262182-009)	Total Organic Carbon Content and Porosity Estimation in Source Rock using 3D Post Stack Seismic Inversion and Well Logs Analysis within Talhar Shale of Gambat Area, Southern Indus Basin, Pakistan	MS Geophysics	Dr. M. Fahad Mehmood	Urooj Shakir	Syed Maqsood Ali Gilani
9	Raja Muhammad Ali (01-262182-034)	Dry Hole Analysis of Indus 1-B Well, Central Indus Basin Pakistan	MS Geophysics	Dr. M. Iqbal Hajana (Maas Siddiqui)	M. Raiees Amjad	Shoaib Amir Faheem
10	Zubia Rasheed (01-262182-035)	Reservoir Characterisation of Kadanwari/Latif Block using 3D Seismic and Well Log Data, Central Indus Basin, Pakistan	MS Geophysics	M. Raiees Amjad	Dr. M. Iqbal Hajana	Muhammad Kashif



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11	Muhammad Yameen Saleemi (01-263182-003)	Evaluation of Climate Change Awareness and Existing Knowledge Gaps in Public Sector Colleges of Islamabad	MS EPM	Dr. Aansa Rukya	Fiza Sarwar	Dr. Shahid Mahmood
12	Rimsha Jamil (01-263182-004)	Metal Enrichment in Agricultural Soil Irrigated with Industrial Effluent in Gujranwala, Pakistan	MS EPM	Asif Javed (Dr Matiullah Khan)	Dr. Said Akbar Khan	Dr. Hamid Iqbal
13	Sajid Hussain (01-263182-005)	Assessing People's Attitude and Perception Regarding Solid Waste Management After the Ban on Plastic Bags; A case Study of G-6 & F-7, Islamabad	MS EPM	Asif Javed	Dr. Aansa Rukya Saleem	Dr. Muhammad Asad Ghufuran
14	Zarnab Azhar (01-263182-007)	Metal Contamination of Vegetables Irrigated with Waste Water in Gujranwala District, Punjab, Pakistan	MS EPM	Asif Javed (Dr Matiullah Khan)	Fiza Sarwar	Dr. Tariq Sultan
15	Muhammad Umer (01-263172-006)	Investigation of Water Quality Effluents from Steel Industries of Islamabad	MS EPM	Asif Javed	Dr. Said Akbar Khan	Dr. Nazneen Bangash
16	Nosheen Ali (01-262172-032)	Efficient Removal of Lead from Aqueous Solution using Pyrogenic Carbon Material	MS ES	Dr. Aansa Rukya (Dr Qaiser Hussain)	Dr. Asma Jamil	Dr. Tahir Hayat
17	Hadia Abrar (01-262182-022)	Effect of Composite Application of Biochar and Plant Growth Promoting Bacteria on Vigor of Maize Saeed Under Saline Stress	MS ES	Dr. Aansa Rukya (Dr Samia Qadeer)	Syed Umair Ullah Jamil	Aniqa Batool
18	Mahrukh Khan (01-262182-023)	Synthesis of Photocatalyst (TiO ₂ /g-C ₃ N ₄) Composite for Biodiesel Production from Waste Cooking Oil using Transesterification Process	MS ES	Dr. Humera Farah (Dr Naseem Iqbal)	Syed Umair Ullah Jamil	Dr. M. Abdullah Khan
19	Naveera Aziz (01-262182-024)	Assessment of Knowledge and Attitude Towards the sue of Pesticides among Farmers, Suppliers and Consumers in Sargodha District, Pakistan	MS ES	Syed Umair Ullah Jamil	Asif Javed	Dr. Waqar un Nisa
20	Saba Shafqat (01-262182-025)	Assessment of Polycyclic Aromatic Hydrocarbons (PAHs) and Volatile Organic Compounds (VOCs) in Contaminated soil from Selected Auto Workshop Areas of Rawalpindi and Islamabad	MS ES	Dr. Said Akbar Khan	Dr. Asma Jamil	Dr. Ashiq Muhammad
21	Sehrish Ashraf (01-262182-026)	Occurrence of Salmonella and Screening of its Antibiotic Resistance in Waste Water of Islamabad	MS ES	Dr. Asma Jamil (Dr Hamid Irshad)	Syed Umair Ullah Jamil	Dr. Sajida Rasheed
22	Sidrah Ejaz Bokhari (01-262182-027)	Potential of Biochar to Ameliorate Wheat Physiology under Salinity Stress	MS ES	Dr. Aansa Rukya	Fiza Sarwar	Aniqa Batool
23	Maria Nawaz (01-262182-028)	Analysis of Heavy metals and Skin Whitening agents in Skincare Products	MS ES	Dr. Aansa Rukya	Fiza Sarwar	Aniqa Batool



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24	Gul-E-Afshan (01-262182-031)	Assessment of Drinking Water Quality of District Mansehra, Khyber Pakhtunkhwa, Pakistan	MS ES	Dr. Said Akbar Khan	Asif Javed	Dr. Said Muhammad
25	Khurram Riaz (01-262182-032)	Estimating the Impact of Climate Change on Drought Trends and its Future Projections over Punjab, Pakistan	MS ES	Dr. Humera Farah (Dr M Tahir Khan)	Asif Javed	Dr. Muhammad Azmat
26	Abid Ali (01-262182-011)	Microfacies Analysis and Reservoir Evaluation of Lockhart Formation, Samana Range, Kohat Sub Basin, Pakistan	MS Geology	Prof. Dr. Tahseenullah Khan	Mr. Mumtaz Ali Khan	Mustafa Yar
27	Ghous Ud Din (01-262182-012)	Investigation of Petrographic and Geo-mechanical Properties of Jutana Formation, Eastern Salt Range, Pakistan	MS Geology	Mr. Tausif Ahmad	Masood Anwar	Aqeel Gohar
28	Hamid Faheem (01-262182-013)	Origin and Detailed Study of Environment of Deposition based on Concretions Present in Samanasuk Formation, Hazara Basin, Abbottabad, Pakistan	MS Geology	Mr. Mumtaz Ali Khan	Saqib Mehmood	Mustafa Yar
29	Ihtisham Ul Haq (01-262182-014)	Petrology of Lower Cretaceous Lumshiwal Formation, Maroba Section, Western Kalachitta Range, Pakistan	MS Geology	Prof. Dr. Tahseenullah Khan	Dr. M. Zafar	Hafiz Muhammad Shahzad Anjum
30	Izhar Ullah (01-262182-015)	Petrographic and Physico-Mechanical Properties of Granitoids from Bibior Area, District Upper Dir, Khyber Pakhtunkhwa, Pakistan	MS Geology	Prof. Dr. M. Zafar (Mr Sayed Mamoon Siyar)	Prof. Dr. Tahseenullah Khan	Aqeel Gohar
31	Mehar Ali (01-262182-016)	Reservoir Rock Typing and Saturation Height Modelling for Datta Sandstone of Toot Oil Field, Upper Indus Basin, Pakistan	MS Geology	Prof. Dr. M. Zafar	M. Raiees Amjad	Zaheer Ud Din Baber
32	Muhammad Amir Khan (01-262182-017)	Investigation of Petrographic and Geomechanical characteristics of Rocks from Shewa Shahbaz Ghari Complex, Northwest Pakistan.	MS Geology	Mr. Masood Anwar (Rafeeq Ahmed)	Mumtaz Ali Khan	Dr. Sajjad Ahmad
33	Muhammad Haris Mahmood (01-262182-018)	Dry Hole Analysis of Well Balkassar OXY-01. Potwar Sub Basin, Pakistan	MS Geology	Mr. Saqib Mehmood	Raiees Amjad	Hafiz Muhammad Shahzad Anjum
34	Sundas Zahid (01-262182-019)	Reservoir Modelling of Tobra and Khewra in Rajian Field, Potwar Sub Basin, Pakistan	MS Geology	Prof. Dr. Tahseenullah Khan (Ammar Ahmed)	Saqib Mehmood	Dr. Birkez Aslam Shami
35	Syed Fahad Ahsan (01-262182-020)	Effects and Controls of Petrographic Characteristics on Geomechanical Properties of Chhidru Formation, Salt Range, Pakistan	MS Geology	Mr. Mumtaz Ali Khan	Mr. Masood Anwar	Aqeel Gohar
36	Umair Amjad (01-262182-021)	Geochemical Evaluation of Potential Source Rock of Palaeocene, Kohat Sub Basin Pakistan	MS Geology	Mr. Saqib Mehmood (Dr Samina Jahandad)	Adeeb Ahmed	Asim Nawaz



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37	Shahzad Hussain (01-262182-029)	Role of the Salt tectonic for Petroleum System Development in Southern Potwar Sub Basin Pakistan	MS Geology	Dr. Muhsan Ehsan	Tausif Ahmad	Dr. Birkez Aslam Shami
38	Usman Arif (01-262182-030)	Investigation of Petrographic and Geo-Mechanical Characteristics of Wargal Limestones, Western Salt Range, Pakistan	MS Geology	Mr. Masood Anwar	Maryam Saleem	Shahid Aziz
39	Ramsha Tahir (01-262181-012)	Sequence Stratigraphy of Non Marine and Marine Deposits of Cambria-Permian System of Salt Range Pakistan	MS Geology	Mr. Tausif Ahmad (Dr Berkhez Shami)	Urooj Shakir	Syed Maqsood Ali Gilani
40	Muhammad Sami Saleem (01-262172-039)	Petrographic and Geotechnical Assessment of Middle Jurassic Samana Suk Formation from Kanpur Dam Section, Pakistan	MS Geology	Mr. Masood Anwar	Maryam Saleem	Shahid Aziz



Appointment of Examiners for MS Thesis Defense SE Department, Islamabad Campus

Sr. Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1 Frnaz Akbar (01-241181-007)	A Conceptual Model for the Requirements Validation via Prioritization in GSD	MS-SE	Dr Shahid Nazir Bhatti	Dr Awais Majeed	Dr Asim Noor
2 Syed Ihtesham Hussain (01-241181-025)	Dynamic Group Formation in Computer Supported Collaborated Learning	MS-SE	Dr Kashif Sultan	Dr Tamim A Khan	Dr Hammad Afzal
3 Hina Mehboob (01-241181-009)	Efficient Collaborative Filtering Approach to Enhance Scalability and Efficiency of Recommender System	MS-SE	Dr Awais Majeed/Dr. Zeeshan Iqbal	Dr Kashif Sultan	Dr Hammad Afzal
4 Ijaz ul Haq (01-241181-010)	A Propose Model of Intelligent Tutoring Supported Collaborative Learning(ITSCl)	MS-SE	Dr. Kashif Sultan	Dr Tamim A Khan	Dr Khalid Saleem
5 Haad Ali (01-241181-008)	Fault Localization Using Machine Learning Techniques	MS-SE	Dr. Tamim A. Khan	Dr. Awais Majeed	Dr. Usman Qamar
6 Muniba Asghar (01-241181-017)	A Framework of Penetration Testing in Web Applications	MS-SE	Dr. Tamim A. Khan	Dr. Sabina Akhtar	Dr. Rizwan bin Faiz
7 Sohail Javed (01-241181-024)	Analysis of stunting in primary grade students using battery based achievement tests	MS-SE	Dr. Tamim A. Khan/Dr. Noshi Irum Zaman	Abdul Baseer Qazi	Dr. Inayat ur Rehman
8 Abbas Ahmed (01-241181-001)	Impact analysis of outcome based blended learning at Primary education Level	MS-SE	Dr. Tamim A. Khan / Dr. Noshi Irum Zaman	Bilal Ashraf Awan	Dr. Inayat ur Rehman
9 Anwar Ali (01-241172-063)	Security In Cyber Physical Systems (CPS)	MS-SE	Dr. Tamim A. Khan	Dr. Awais Majeed	Dr. Rizwan Bin Faiz
10 Afsah Khan (01-241182-004)	GUI Test Case Minimization and Prioritization Using Data Mining and Machine Learning	MS-SE	Dr. Tamim A. Khan	Dr. Awais Majeed	Dr. Nouman Mallik
11 Noreen Jan (01-241172-020)	Model Based Testing for Ethereum Smart Contracts	MS-SE	Dr. Tamim A. Khan	Dr. Sabina Akhtar	Dr. Nouman Mallik
12 Aamir Sohail (01-241172-051)	An Exploratory Data Analysis of Fake News on Twitter From The Perspective of Pakistani Tweets	MS-SE	Bilal Ashraf Awan	Dr Kashif Sultan	Dr Usman Qamar
13 Taimur Zahid (01-241172-018)	The Characteristic Model of Information Diffusion in Online Social Networks, The Case of Twitter in Pakistan	MS-SE	Bilal Ashraf Awan	Dr Kashif Sultan	Dr Usman Qamar



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14	Tauheed Waheed (01-241172-056)	Escalating the role of requirements traceability in change management	MS-SE	Dr Shahid Nazir Bhatti	Dr Tamim A Khan	Dr Asim Noor
15	ShanzeH Sohail (01-241181-023)	The Dimensions of Gender as Biological Model to Seek Out the Influence of Typographic Factors in Performance during Interaction	MS-SE	Adeel M Syed	Dr Awais Majeed	Dr Imran Babar
16	Hina Mumtaz (01-246181-007)	A survey to measure success factor in Software Quality Assurance using Agile Methods	MS-EM	Dr. Zahoor Sarwar	Dr Awais Majeed	Dr Irum Inayat
17	Muhammad Bin Qasim (01-246181-003)	Determining most Effective Project Management(PM) Practices in Pakistan Information Technology (IT) Sector	MS-EM	Dr. Sheikh Zahoor Sarwar/Ms. Rafia Hassan	Dr Tamim A Khan	Dr Irum Inayat
18	Muhammad Yousaf (01-246181-005)	Acceptance of Electric Vehicles in Pakistan; Consumer's Perspective	MS-EM	Dr. Sheikh Zahoor Sarwar	Dr Farrukh Jalil	Dr. Faheem Qaisar Jamal
19	Hamid Ali (01-246181-001)	Determining the Energy Saving Behavior of Pakistan's Manufacturing Industry	MS-EM	Bilal Ashraf Awan/Dr. Sheikh Zahoor Sarwar	Dr Farrukh Jalil	Dr Ansir A Rajput
20	Saif ud Din (01-246181-006)	Determining Impact of Strategic Green Orientation on Green Performance Outcomes: A Study of Textile Industry	MS-EM	Dr Zahoor Sheikh/Dr Tamim A Khan	Dr Farrukh Jalil	Dr. Faheem Qaisar Jamal
21	Muhammad Sarib Khan Niazi (01-246172-015)	Factors Influencing the Adoption of Digital Financial Services: A study of Pakistan's Micro financial Services Industry	MS-EM	Dr. Ismail Ramay	Dr Zahoor Sarwar	Dr. Nadeem Kureshi
22	Sara Sarwar (01-246182-012)	Impact of Mindset on Innovative Performance	MS-EM	Dr. Abdul Baseer Qazi	Bilal Ashraf Awan	Dr. Nadeem Kureshi
23	Shehzeen Bakhsh Malik (01-246182-015)	Massive Open Online Courses (MOOCs) as Disruptive Innovation in Engineering Education	MS-EM	Dr. Abdul Baseer Qazi	Dr Farrukh Jalil	Dr Ansir A Rajput
24	Shanza Khan (01-246182-013)	The Impact of Customer Perception with regards to Country of Origin on Local Electronic Appliances Manufacturing	MS-EM	Dr. Abdul Baseer Qazi	Dr Sabeen	Dr. Faheem Qaisar Jamal



Appointment of Examiners for MS Thesis Defense

EE Department, Karachi Campus

Sr.	Student Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Danish Ul Khairi (02-244171-001)	Fined Grained Classification Of Vehicles By Using Convolutional Neural Network	MS (EE)	Engr. Muhammad Umair Arif	Dr. Mukesh Kumar	Dr. Farah Haroon
2	Muhammad Izhar Ul Haque (02-244181-007)	Continuous Line Impedance Assessment of LV Feeders using Smart Meters	MS (EE)	Prof. Dr. Haroon Rasheed	Dr. Muhammad Raza	Dr. Sajjad Zaidi
3	Muhammad Fawwad Ur Rehman (02-244181-008)	Reactive Power Management and Optimization of TLs in K-Electric Transmission Network	MS (EE)	Prof. Dr. Haroon Rasheed	Dr. Anzar Alam	Dr. Mohsin Aman
4	Qadeer Ul Hassan (02-244172-005)	Integration of Renewable Energy to the Distribution Network of Pakistan	MS (EE)	Dr Muhammad Raza	Dr Haroon Rasheed	Dr. Talat Altaf



Appointment of Examiners for MS Thesis Defense

EE Department, Islamabad Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiners	External Examiners
1	Rehan Azher 01-244162-016	Hierarchical Control of VSI Based Microgrid	MS(EE)	Dr. Muhammad Aamir	Dr. Asim Ali Shah	Dr. Shahid Mahmood Khan
2	Muhammad Shoaib Haris 01-244171-022	Simulation and Performance Evaluation of 100 KW Grid-Tide System	MS(EE)	Engr. Jehanzeb Ahmad	Dr. Muhammad Aamir	Dr. Hassan Abdullah Khalid
3	Jamil Hussain 01-244171-011	Dynamic Weapon assignment based on deterministic threat evaluation and weapon system capabilities	MS(EE)	Dr. Junaid Imtiaz	Dr Atif Raza	Dr. Ali Imran Najam
4	Mehran Rashid 01-244171-013	Micro grids power quality enhancement	MS(EE)	Jahenzab Ahmad	Dr. Asad Waqar	Dr. Syed Haider Abbas
5	Toqeer Ahmed 01-244172-040	Coordination of Battery and STATCOM in Microgrid	MS(EE)	Dr. Asad Waqar	Nadia Imran	Dr. Hassan Abdullah Khalid
6	Kiran Farzana 01-244172-012	Optimal Allocation and Sizing of Distributed Generators and Distributed Static Compensator by Using Heuristic Algorithm	MS(EE)	Dr. Asad Waqar	Dr. Asim Ali Shah	Dr. Saqib Haroon
7	Memoona Batool 01-244172-015	An Efficient Demand side management system using Heuristic Approach	MS(EE)	Dr. Asad Waqar	Dr. Imtiaz Alam	Dr. Intisar Ali Sajjad
8	Rana Saqib Saeed 01-244172-051	A Control Strategy for a V2G- Aggregator for Microgrid Regulation	MS(EE)	Dr. Asad Waqar	Dr. Muhammad Aamir	Dr. Intisar Ali Sajjad
9	Muhammad Faisal Ashraf 01-244172-023	Optimal Reconfiguration of Distribution Network for Voltage Profile Improvement and Power Loss Minimization Using Distributed Generation (Sizing & Placement)	MS(EE)	Dr. Asad Waqar	Dr. Muhammad Aamir	Dr. Muhammad Zahid
10	Sarfraz Hussain 01-244172-034	Efficient Quality of Service(qos) provisioning in internet of intelligent vehicles (ioiv)	MS(EE)	Dr. Saleem Aslam	Dr. Junaid Imtiaz	Dr. Rizwan Ahmed
11	Bilal Hussain 01-244172-009	Mathematical Modelling and Stability Analysis of Linear Controller for Parallel Inverters in AC Microgrid	MS(EE)	Dr. Muhammad Aamir	Dr. Aasim Ali Shah	Dr. Azhar ul Haq
12	Fahad Khan 01-244172-043	Nonlinear Mutli-Control MPC based Grid-Connected Doubly Fed Induction Generator	MS(EE)	Dr. Muhammad Aamir	Maryam Iqbal	Dr. Intisar Ali Sajjad



Faculty of Engineering Sciences, Bahria University, Islamabad.

13	Syed Umaid Ajmal 01-244172-039	Controlling of Hybrid Micro-Grid Using Sliding Mode Control	MS(EE)	Dr. Muhammad Aamir (Nadia Imran)	Dr. Asad Waqar	Dr. Muhammad Seyab Khan Yousafzai
14	Sayed Aqib Hussain 01-244172-035	Dynamic Charging of Electric Vehicles from Photovoltaics based Parking lot using Fuzzy controller	MS(EE)	Dr. Muhammad Aamir	Jehanzeb Ahmad	Dr. Azhar ul Haq
15	Muhammad Gohram Khan 01-244172-024	Model Predictive Control for Power Electronics Interface (PEI) in Hybrid Microgrid.	MS(EE)	Dr. Muhammad Aamir	Dr. Asim Ali Shah	Dr. Jawad Ahmad
16	Rabia Batool 01-244172-031	Rolling Shutter Image Acquisition using VLC (Visible Light Communication)	MS(EE)	Dr. Khawaja Qasim Maqbool	Dr. Imtiaz Alam	Dr. Ihsan Ullah
17	Ayesha Waqar Mir 01-244172-052	Robust Visible Light Communication In Intelligent Transportation System.	MS(EE)	Dr. Khawaja Qasim Maqbool	Dr. Saleem Aslam	Dr. Aamir Habeeb
18	Abdul Haseeb Asif 01-244172-002	Novel protocols for communication between smart grid and advanced meters	MS(EE)	Dr. Imtiaz Alam	Dr. Junaaid Imtiaz	Dr. Muhammad Seyab Khan
19	Awais Butta 01-244172-029	Non-linear Control for Parallel Operation of Converters in DC Microgrid	MS(EE)	Dr. Muhammad Aamir	Nadia Imran	Dr. Intisar Ali Sajjad
20	Muhammad Ahmed 01-244172-018	Controlling of Grid Fluctuation using Battery Energy Storage System	MS(EE)	Dr. Muhammad Aamir	Maryam Iqbal	Dr. Saqib Haroon
21	Faheem Siddque 01-244172-010	Performance Analysis of Fractional Order Sliding Mode Control for Voltage Regulation in Hybrid VSHG & PV System in islanded Micro-grid	MS(EE)	Dr. Asad Waqar	Dr. Muhammad Aamir	Dr. Saqib Haroon
22	Asaf Iqbal 01-244181-005	Losses Identification and Reduction in the Existing Grid System of KPK	MS(EE)	Faheem Haroon	Dr. Asad Waqar	Dr. Shahid Mehmood Khan
23	Hubaib Khan 01-244181-008	Efficient Impedance Network Based DC-AC Converter	MS(EE)	Dr. Muhammad Aamir	Dr. Asad Waqar	Dr. Syed Haider Abbas
24	Muhammad Waqar Hassan 01-244181-018	Comparative Analysis of Fleet of EV Integration in AC, DC and Hybrid Microgrid	MS(EE)	Faheem Haroon (Nadia Imran)	Jehanzeb Ahmed	Dr. Azhar ul Haq
25	Shoaib Ahmad 01-244181-024	Efficient Electric Vehicles Integration in Microgrid	MS(EE)	Faheem Haroon	Dr. Asim Ali Shah	Dr. Jawad Ahmed,
26	Wajid Khan 01-244181-027	Mitigation of the Power Fluctuation in high PV penetrated Grid	MS(EE)	Faheem Haroon	Nadia Imran	Dr. Intisar Ali Sajjad
27	Usama Bin Zahid 01-244181-025	Implementation of Aho-Corasick String Matching Algorithm on FPGA	MS(EE)	Dr. Atif Raza Jafri	Dr. Imran Fareed	Dr. Tasaduq Hussain



Faculty of Engineering Sciences, Bahria University, Islamabad.

28	Abid Ali 01-244181-001	Residual Energy Based Routing Algorithm for Wireless Sensor Networking	MS(EE)	Dr. Khawaja Qasim Maqbool (Dr. Junaid Imtiaz)	Dr. Saleem Aslam	Dr Yahya Jan
29	Muhammad Asif Noor 01-244181-011	Discussion on the Accuracy of the Beam Deflector by Electrowetting	MS(EE)	Dr. Azhar ul Haq (Shahab Shahid)	Dr. Asim Ali Shah	Dr. Jawad Ahmed
30	Muhammad Sudais Farooqi 01-244181-016	Optimal Deployment of Underwater Sensor Networks	MS(EE)	Dr. Khawaja Qasim Maqbool (Dr. Junaid Imtiaz)	Dr. Saleem Aslam	Dr. Yahya,
31	Muhammad Zubair 01-244181-019	Distributed Energy Resource Forecasting	MS(EE)	Dr. Azhar ul Haq (Shahab Shahid)	Dr. Muhammad Aamir	Dr. Saqib Haroon
32	Rahat Ullah Khan 01-244181-021	Optimization of Distributed Antenna System to Improve Indoor Radio Coverage	MS(EE)	Dr. Khawaja Qasim Maqbool (Dr. Junaid Imtiaz)	Dr. Imtiaz Alam	Dr. Ali Imran Najam,



Appointment of Examiners for MS Thesis Defense

CS Department, Karachi Campus

Sr.	Student Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Asif Mehmood (02-243171-002)	Pedestrian Safety by using Vehicular Ad-Hoc Network with different parameters	MS(CS)	Dr. Ghulam Muhammad	Dr. Safdar Ali	Dr. Asif Aziz
2	Syeda Komal Sajjad (02-243181-010)	An approach to analyze ontology of climate change concepts and their semantic similarity measurement using Natural Language sources.	MS (CS)	Dr. Rizwan Iqbal	Dr. Raheel Siddiqi	Dr. Hameedullah Kazi



Annex-II: Appointment of Examiners for PhD Comprehensive Exam

CE Department, Islamabad Campus

Sr.	Name (Enrolment #)	Program	Supervisor (Co-Supervisor)	Research Theme	Course	Examiner
1	Shahida Khanam (01-281182-001)	PHD(CE)	Dr. Junaid Imtiaz	Zone Based Energy Efficient Hierarchical Clustering Protocol	Antennas Theory, Design and Applications	Dr. Imtiaz Alam
					Smart Grid System Operation	Dr. Asad Waqar
					Advanced Topics in Wireless Networking and Communications	Dr. Saleem Aslam
					Advance Network Security	Dr. Faisal Bashir



CS Department, Islamabad Campus

Sr.	Name (Enrolment #)	Program	Supervisor (Co-Supervisor)	Research Theme	Course	Examiner
1	Maryam Khalid Multani (01-284182-001)	PHD [CS]	Dr. Moneeb Gohar (Co: Dr. Kashif Naseer)	A Cluster Based Routing Protocol with optimized cluster formation and balanced energy consumption among cluster	Advanced Computer Networks	Dr. Moneeb Gohar
					Cloud Computing	Dr. Sabina Akhtar
					Advanced Network Security	Dr. Faisal Bashir
					Machine Learning	Dr. Sumaira Kausar
2	Hina Gul (01-283182-001)	PHD [Mathematics]	Dr. Muhammad Ramzan	Flows with Caltaneo-Christov heat flux	Advanced Partial Differential Equations	Dr. Muhammad Ramzan
					Fluids Dynamics-II	Dr. Jafar Hasnain
					Numerical Solution of Partial differential Equations	Dr. Rizwan ul Haq
					ODEs and Computational Linear Algebra	Dr. Nazia Talat



CS Department, Karachi Campus

Sr.	Name (Enrolment #)	Program	Supervisor (Co-Supervisor)	Research Theme	Course	Examiner
1	Zia Ul Islam 02-284181-001	PhD [CS]	Dr. Raheel Siddiqi	Machine Learning	Advanced Big Data Analytic	Dr. Saira Gillani
					Advance Neural Networks & Fuzzy Logic	Dr. Humera Farooq
					Cloud Computing	Dr. Ghulam Muhammad
					Advanced Data Mining	Dr. Saira Gillani
2	Syeda Nazia Ashraf 02-284182-001	PhD [CS]	Dr. Raheel Siddiqi	Diagnosis of chest diseases using Computer Vision Techniques	Advanced Data Mining	Dr. Saira Gillani
					Advance Neural Networks & Fuzzy Logic	Dr. Humera Farooq
					Pattern Recognition	Dr. Anzar Alam
					Cloud Computing	Dr. Ghulam Muhammad



EE Department, Karachi Campus

Sr.	Name (Enrolment #)	Program	Supervisor (Co-Supervisor)	Thesis Title	Course	Eximiner
1	Fazal Khan (02-281191-001)	PhD [EE]	Prof. Dr. Haroon Rasheed	Technical and Economic Analysis of Water Tube wells Solarization	Smart Grid System	Dr. Haroon Rasheed
					Advanced Power Electronics	Dr. Anzar Alam
					Advanced Topics in Elec Power System Engg	Dr. Muhammad Raza
					Advanced Power System Protection	Dr. Muhammad Raza
2	Waleed Raza (02-281192-002)	PhD [EE]	Dr. Muhammad Raza	Modular Multi Level Converter in HVDC Transmission	Smart Grid System	Dr. Haroon Rasheed
					Advanced Power Electronics	Dr. Anzar Alam
					Optimization Techniques	Dr. Haroon Rasheed
					Advanced Power System Protection	Dr. Muhammad Raza



Annex-III: Appointment of Examiners for PhD Proposal Defense

CE Department, Islamabad Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Syed Muhammad Usman (01-281181-002)	A Deep Learning approach for Prediction of Epileptic Seizures using EEG Signals	PHD(CE)	Dr. Shehzad Khalid	Dr Amina Jameel	Dr Khawar Khurshid Dr. Ayyaz Hussain
2	Maria Ahmed (01-281181-003)	Performance Enhancement of Heterogeneous WSN Based on Cognitive Radio	PHD(CE)	Dr. Shehzad Hassan	Dr Moneeb Gohar	Dr Saleem Iqbal Dr. Sajjad Ahmad Madni



Faculty of Engineering Sciences, Bahria University, Islamabad.

SE Department, Karachi Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Engr. Bushra Fazal Khan (02-200181-009)	Agile Based Approach For Inquiry Based Learning in Ubiquitous Environment	PhD(SE)	Dr Sohaib Ahmed	Dr Tamim Khan	Dr Hameedullah Kazi Dr Najeed Ahmed



CS Department, Islamabad Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Saneeha Khalid (01-284172-002)	Intrusion Detection in IoT Networks	PhD(CS)	Dr. Faisal Bashir	Dr Najam ul Islam	Dr. Abid Khan Dr Kashif Kafayat
2	Romana Talat (01-284181-001)	Privacy Preserving Trajectory Mining	PhD(CS)	Dr. Muhammad Muzammal	Dr Imran Siddiqi	Dr. Waseem Shahzad Dr Hammad Afzal
3	Meer Muhammad Khan Jalbani (01-284181-003)	Cluster Head Election Approach with Multiple Metrics for Enhancing Network Performance for VAN Nets	PhD(CS)	Dr. Moneeb Gohar	Dr Faisal Bashir	Dr. Rizwan Ahmed Dr. Majid Iqbal Khan
4	Naila Shaheen (01-283182-001)	Nano Fluids with Chemical Reactions	PhD(Mathematics)	Dr. Muhammad Ramzan	Dr. Rizwan ul Haq	Dr. Tariq Javed Dr. Masood Khan
5	Saima Riasat (01-283181-002)	Flow due to Rotating Disks	PhD(Mathematics)	Dr. Muhammad Ramzan	Dr. Jafar Husnain	Dr. Noreen Sher Akbar Dr. M. Nawaz
6	Syed Saqib Shah (01-283181-003)	CFD Approach for Cavity Models	PhD(Mathematics)	Dr. Rizwan ul Haq	Dr. M. Ramzan	Dr. Sohail Nadeem Dr Tayyab



E&ES Department, Islamabad Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Sumaira Akram 01-286182-001	Assessment of health exposure to hazardous substances from electronic waste processing facilities in selected cities of Pakistan	PhD (ES)	Dr. Said Akbar Dr. Syed Jabir Hussain	Dr. Aansa Rukaya Saleem	Dr. Ashiq Muhammad Dr. Javed Nawab
2	Abdul Shakoor 01-286182-003	Assessment of organic contaminants in air from Ship Breaking in Karachi Pakistan	PhD (ES)	Dr. Said Akbar Dr. Syed Jabir Hussain	Dr. Asma Jamil	Dr. Said Muhammad Dr. Zaigham Abbas
3	Hina Wajid Satti 01-286182-002	Reservoir Characterization and facies analysis for hydrocarbon evaluation of Manzalai area, Upper Indus Basin, Pakistan	PhD (Geology)	Prof. Dr. Tahseenullah Khan	Prof. Dr. M. Zafar	Dr. Mumtaz Shah Dr. Berkhaiz Aslam Shami



Faculty of Engineering Sciences, Bahria University, Islamabad.

EE Department, Karachi Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Rana Saeed (02-281181-001)	Modelling and Control of Distribution Generation Units of a Microgrid	PhD(EE)	Dr. Najam M. Amin (Dr. Muhammad Raza)	Dr. Haroon Rasheed	Dr. Ishtiaq Makda Dr. Talat Altaf



EE Department, Islamabad Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Hassan Danish 01-281172-001	A lightweight Privacy and Security Framework for Blockchain Based Decentralized Energy Trading	PhD(EE)	Dr. Najam ul Islam	Dr. Muhammad Muzammal	Dr.Kashif Kafayat Dr.M.Shoaib Khalid
2	Muhammad Waqas 01-281121-001	Optized Resource Allocation for Device to Device (D2D) Assisted Networks	PhD(EE)	Dr. Saleem Aslam	Dr Faisal Bashir	Dr. Ashfaq Ahmed Dr. Aamir Habib
3	Abdul Rehman 01-281172-004	Spectrum Allocation techniques for 6 th Generation dense and high datarate Wi-Fi Networks	PhD(EE)	Dr. Faisal Bashir	Dr Saleem Aslam	Dr Rizwan Ahmed Dr Zeeshan Kaleem



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CS Department, Karachi Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Tooba Mehtab 02-284182-003	OCT images analysis to detect ocular diseases and its stage detection	PhD(CS)	Dr. Rizwan Iqbal	Dr. Amina Jameel	Dr. Hammad Raza Dr. Ghazanfar
2	Mona Liza 02-284182-002	Detection of Brain tumor detection through Magnetic Resonance Images and predict survival rate of patient.	PhD(CS)	Dr. Rizwan Iqbal	Dr. Sumaira Kausar	Dr. Muhammad Sarim Dr. Najeed Ahmed Khan



Annex-IV: Re-appointment of Internal Examiners for MS Thesis Defense

SE Department, Karachi Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Moshin Khan (02-241171-001)	Performance analysis of cyber-attacks On SCADA-based systems	MS(SE)	Dr Osama Rehman	Dr. Ghulam Muhammad	Dr Arshad Aziz
2	Sahareesh Agha (02-241172-002)	Improving dissemination accuracy rate of DDOS attacks from flash events	MS(SE)	Dr Osama Rehman	Dr Raheel Siddiqi	Dr Arshad Aziz
3	Masooma Fatima (02-241172-009)	Intelligent intrusion detection in cyber security	MS(SE)	Dr Osama Rehman	Dr Sohaib Ahmed	Dr Rehan Qureshi



Faculty of Engineering Sciences, Bahria University, Islamabad.

SE Department, Islamabad Campus

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Wasiq Hussain (01-241171-032)	Emotion Extraction From Urdu Speech Using Different Linguistic/Prosodic Features At Early Education	MS(SE)	Dr Tamim A Khan	Dr Kashif Sultan	Dr. Hammad Afzal



Annex-V: Inclusion of Experts in the list of Local External Examiners

CS Department, Lahore Campus

SNo.	Name	Designation	Affiliation	Research Area(s)
1	Dr. Amna Khan	Assistant Professor	Comsats University	Robotics, Image Processing, Computer Vision, Machine Learning, Artificial Intelligence
2	Dr. Sheraz Naseer	Director Program Computer Science	University of Management and Technology	Networks, Information Security, Network Anomaly Detection
3	Dr. Muzammil Hussain	Director Graduate Studies and Research	University of Management and Technology	Networks
4	Dr. Shahzad Sarwar	Assistant Professor	Punjab University College of Information Technology	Internet of Things (IoT) Machine-to-Machine (M2M) Communications
5	Dr. Faisal Aslam	Assistant Professor	Punjab University College of Information Technology	Cryptography, Network protection, Embedded Systems, sensor networks
6	Dr. Adnan Nabeel Qureshi	Assistant Professor and Head of Department	Faculty of IT, University of Central Punjab	Machine Learning and Medical Image Processing, Bioinformatics and Computational Biology
7	Dr. Arfan Ali Nagra	Assistant Professor	Lahore Garrison University`	Intelligent computing and intelligent information processing, including neural networks, particle optimization, and bioinformatics
8	Dr. Muhammad Khurshid Asghar	Head Deptt of Computer Science/ Director QEC	University of Okara	Machine Vision, Machine Learning,
9	Dr. Fatima Sabir	Head of Department	Sharif College of Engineering and Technology	Software Engineering, Web Programming , Information System, Data Mining
10	Dr. Faiza Iqbal	Assistant Professor	University of Lahore, Defense Road Campus	Trust Models for IoT, Routing Protocols for Wireless Networks and IoT, Network Optimization Modeling, Data Analysis of Software Engineering Processes
11	Dr. Muhammad Khawar Bahir	Lecturer	Univeristy if Vetenary and animal Science , Lahore	Image Processing , Animal Sciences



Faculty of Engineering Sciences, Bahria University, Islamabad.

CS Department, Islamabad Campus

SNo.	Name	Designation	Affiliation	Research Area(s)
1	Dr. Muhammad Tanvir Afzal	Professor	Capital University of Science and Technology (CUST), Islamabad	Data Science, Information Retrieval, Information Visualization, Scientometrics, Recommender Systems
2	Dr. Nazir Ahmed Malik	Captain (PN)	Pakistan Navy	Information Security, Intrusion Detection Systems, Cyber Warfare
3	Dr. Kashif Kifayat	Professor, Dean Faculty of Computing & Artificial Intelligence	Air University Islamabad	Information Security, intrusion detection, prediction and evasion, system-of-systems security, Digital Forensics and access control
4	Dr. Muhammad Shiraz	Assistant Professor, Head Department of Computer Science	Department of Computer Science, Federal Urdu University of Arts, Science and Technology, Islamabad	Telecommunication systems, cloud computing

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E&ES Department, Islamabad Campus

SNo.	Name	Designation	Affiliation	Research Area(s)
1	Dr. Zaigham Abbas	Deputy Director	Ministry of Climate Change, Government of Pakistan, Islamabad	Environmental Sciences
2	Dr. Muhammad Afzaal	Director	Pakistan Meteorological Department	Meteorology
3	Dr. Muhammad Azmat	Assistant Professor	School of civil and environmental engineering, NUST	Water Resources
4	Dr. Athar Hussain	Professor	COMSATS, Islamabad	Climate Change
5	Dr. Amjad Masood	Scientific Officer	Global Change Impact Studies Centre, Islamabad	Hydrology and water resources management
6	Dr. Abdul Waheed	Assistant Professor	School of civil and environmental engineering, NUST	Sustainable Urban Development
7	Dr. Tahir Sarwar	Professor	University of Agriculture, Peshawar	Water Resources
8	Dr. Zia ur Rahman Hashmi	Head of the Department	Water Resources and Glaciology-GCISC, Islamabad	Water Resources
9	Shaikh Aqeel Ahmed	Geologist	Geological Well Supervision Department OGDCL	Geology
10	Muhammad Ghazi Hunain	Geologist	Reservoir Management Department, OGDCL	Geology
11	Saad Iltaf	Geologist	Exploration Department, OGDCL	Geology
12	Mamoon Siyar	Geologist	Lecturer, Malakand University	Geology
13	Ammar Ahmad	Geoscientist	Schulumberger	Geoscientist



Faculty of Engineering Sciences, Bahria University, Islamabad.

SE Department, Islamabad Campus

SNo.	Name	Designation	Affiliation	Research Area(s)
1	Dr. Nadeem Kureshi	Research Fellow	Engineering Management Department, Centre for Advanced Studies in Engineering, Islamabad	Engineering Management
2	Yasir Qadir	CEO	Technology Management Services & Solutions (Pvt.) Limited	Engineering Management



Faculty of Engineering Sciences, Bahria University, Islamabad.

EE Department, Karachi Campus

SNo.	Name	Designation	Affiliation	Research Area(s)
1	Dr. Muhammad Ali	Associate Prof.	NED	Power Systems
2	Dr. Ishtiaq Makda	Assistant Prof.	Habib University	Power Electronics



Faculty of Engineering Sciences, Bahria University, Islamabad.

EE Department, Islamabad Campus

SNo.	Name	Designation	Affiliation	Research Area(s)
1	Dr. Abdul Wakeel	Assistant Professor	MCS, NUST	5G communication, OFDM based MIMO Systems
2	Dr. Ali Hassan	Assistant Professor	Department of Computer Science, E&ME, NUST	Image Processing
3	Dr. Khalil	Assistant Professor	COMSATS , Wah Campus,	Wireless Ad hoc Network, Wireless Sensor Network, IoT
4	Dr. Muhammad Adil	Assistant Professor	Electrical Engineering Department, Air University, Islamabad.	Smart Grids, Demand Side Management
5	Dr. Zeeshan Kaleem	Assistant Professor	Comsats University Wah	Public safety networks, 5G system, device-to-device (D2D) discovery and communications, full duplex communications, unmanned air vehicle (UAV) detection, tracking, and jamming.



Annex-VI: Inclusion of Experts in the List of Foreign Evaluators

CS Department, Islamabad Campus

^A SNo.	Name	Designation	Affiliation	Post PhD Experience	Research Area(s)
1	Dr. Angelo Marcelli	Professor	University of Salerno Italy	30+ Years	Handwriting Recognition, Document Analysis and Forensics, HW for Prediction of Neurological Disorders
2	Dr. Imran Khan Niazi	Senior Research Fellow	New Zealand College of Chiropractic, New Zealand	7 years	Biomedical Engineering, Biomedical Signal Processing



Faculty of Engineering Sciences, Bahria University, Islamabad.

Annex-VII: Appointment of PhD Supervisor and Advisory Committee

CS Department, Islamabad Campus

SNo.	Name	Program	Research Area	Supervisor	Advisory Committee
1	Junaaid Ali Khan (01-284192-001)	PhD [CS]	Digital Image Analysis, Pattern Recognition	Dr. Imran Ahmed Siddiqi	Dr. Samabia Tehsin Dr. Muhammad Muzammil



Annex-VIII: Drop from the PhD Program

SNo.	Name	Dept.	Program
1.	Mr. Zuhaib Uddin Ahmad (01-284132-004)	CS, BUIC	PhD (CS)
2.	Ms. Alyia Amir (01-284162-003)	CS, BUIC	PhD (CS)
3.	Engr. Badar Ali (01-281171-002)	EE, BUIC	PhD (EE)
4.	Mr. Azmat Khan (02-284152-001)	CS, BUKC	PhD (CS)
5.	Mr. Naeem Ahmed Mughal (02-282101-001)	E&ES, BUKC	PhD (ES)



Annex-IX: Appointment of Examiners for PhD Internal Defense

SNo.	Name	Dept.	Program	Supervisor	Theis Title	Examiners
1.	Momina Moetesum (01-284142-001)	CS, BUIC	PhD(CS)	Dr. Imran Siddiqi	Deformation Estimation and Classification of Graphomotor Impressions-An Application to Neuropsychological Assessments	Dr. Samabia Tehsin Dr. Humera Farooq Dr. Muhammad Aasim Qureshi
2.	Ms. Naveen Irtiza (02-281131-001)	EE, BUKC	PhD(EE)	Dr. Humera Farooq	Assessment of Neural Correlates of Neuroception using Machine Learning Techniques	Dr. Imran Siddiqi Dr. Raheel Siddiqi Dr. Aurangzeb Rashid
3.	Ms. Hina Shakir (02-281141-001)	EE, BUKC	PhD(EE)	Dr. Haroon Rasheed	3D Image Analysis Techniques for Lung Cancer Detection on Computed Tomography (CT) Scans	Dr. Anzar Alam Dr. Samabia Tehseen Dr. Ghulam Mustafa



Annex-X: Recommendation of Foreign Evaluators for PhD Candidates

SNo.	Name	Dept.	Program	Supervisor	Theis Title	Recommended Foreign Evaluators
1.	Momina Moetesum (01-284142-001)	CS, BUIC	PhD(CS)	Dr. Imran Siddiqi	Deformation Estimation and Classification of Graphomotor Impressions-An Application to Neuropsychological Assessments	Dr. Angelo Marcelli Dr. Moises Diaz Dr. Guray Erus Dr. Arish Asif Qazi
2.	Ms. Naveen Irtiza (02-281131-001)	EE, BUKC	PhD(EE)	Dr. Humera Farooq	Assessment of Neural Correlates of Neuroception using Machine Learning Techniques	Dr. Valentina Emilia Balas Dr. Malek Mouhoub Dr. Shengxiang Yang Dr. Naveen Chilamkurti Smie
3.	Adeel M. Syed	SE, BUIC	PhD (SE)	Dr. Shehzad Khalid (Dr. Usman Akram)	Detection of Macular Edema using Fundus and OCT Images	Dr. Imran Khan Niazi Dr. Mohamed-Chaker Larabi Dr. Constantino Carlos Reyes Aldasoro Dr. Mahmood Akhtar



Faculty of Engineering Sciences, Bahria University, Islamabad.

Annex-XI: Cancellation of the Candidacy of MS Students

SNo.	Name	Department/Campus	Supervisor	Program
1	Ayaz 01-262171-002	E&ES, BUIC	Prof. Dr. Muhammad Zafar	MS Geology
2	Khurram Shehzad 01-262162-019	E&ES, BUIC	Mr. Saqib Mehmood	MS Geology
3	Adeel Ahsan 01-262162-002	E&ES, BUIC	Mr. M. Raiees Amjad	MS Geophysics
4	M. Wahaj Ahmed 01-262162-013	E&ES, BUIC	Mr. M. Raiees Amjad	MS Geophysics



Annex-XII: Appointment of PhD Supervisors/Co-Supervisors

SNo.	Name	Dept.	Program	Supervisor	Co-Supervisor
1	Sumaira Akram 01-286182-001	E&ES, BUIC	PhD Environmental Sciences	Dr. Said Akbar	Dr. Syed Jabir Hussain
2	Abdul Shakoore 01-286182-003	E&ES, BUIC	PhD Environmental Sciences	Dr. Said Akbar	Dr. Syed Jabir Hussain
3	Waqar Ahmad (01-286192-001)	E&ES, BUIC	PhD Geology	Prof. Dr. Muhammad Zafar	
4	Qadeer Ahmad (01-286192-004)	E&ES, BUIC	PhD Geophysics	Dr. Iqbal Hajana	
5	Asma Khalil (01-286192-002)	E&ES, BUIC	PhD Environmental Sciences	Dr. Asma Jamil	
6	Umair Rashad (01-286192-003)	E&ES, BUIC	PhD Environmental Sciences	Dr. Asma Jamil	



Annex-XIII: Extension in Time Bar of PhD Scholars

SNo.	Name	Dept.	Program	Supervisor	Remarks
1	Mr. Adeel M Syed (01-281132-001)	SE, BUIC	PhD(SE)	Dr. Shehzad Khalid (Dr. Usman Akram)	One year extension granted by the FRC
2	Mr. Shahid Ismail (01-281141-002)	EE, BUIC	PhD(EI)	Dr. Imran Siddiqi (Dr. Usman Akram)	One year extension granted by the FRC
3	Mr. Ali Mustafa (01-281131-002)	EE, BUIC	PhD(EE)	Dr. Muhammad Najam-ul-Islam (Dr. Salman Ahmed)	One year extension recommended by the FRC for approval from the competent authority
4	Mr. Qazi Zia Ullah (01-281131-007)	CE, BUIC	PhD(CE)	Dr. Shehzad Hassan (Dr. Muhammad Gul)	One year extension recommended by the FRC for approval from the competent authority
5	Ms. Naveen Irtiza (02-281131-001)	EE, BUKC	PhD(EE)	Dr. Humera Farooq	One year extension recommended by the FRC for approval from the competent authority



Annex-XIV: Ratification of External Examiner for MS Thesis Defense

Sr.	Name (Enrolment #)	Thesis Title	Dept.	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Muhammad Bilal (02-243171-016)	An Assessment of attention level and cognitive load toward E-learning and Classroom environment using BCI	CS, BUKC	MS(CS)	Dr. Humera Farooq	Dr Tamim Ahmad Khan	Dr. Yawar Rehman
2.	Roha Ali 01-241171- 023	A Hybrid exposure and Contrast Enhancement for Low light images	SE, BUIC	MS(SE)	Adeel M. Syed	Dr Imran Siddiqi	Dr. Khawar Khurshid
3.	Muhammad Naeem (01-244272-021)	Ionization of non-metallic object for small contactless gripper	EE, BUIC	MS(EE)	Dr. Aasim Ali Shah	Jehanzeb Ahmed	Dr. Azhar ul Haq
4.	Malik Aqib Rehman (01-244172-013)	Feedback Controlled Variable Electric Filed System for Smart Contactless Gripper	EE, BUIC	MS(EE)	Dr. Aasim Ali Shah	Nadia Imran	Dr. Syed Haider Abbas



Annex-XV: Ratification of Internal Examiners

Sr.	Name (Enrolment #)	Thesis Title	Dept.	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Irfan Mustafa (02-243171-004)	Task Independent EEG-Based Human Authentication Using Spatial Spectral Analysis	CS, BUKC	MS(CS)	Dr. Humera Farooq	Dr Shoaib Ahmed	Dr. Hammad Raza
2	Ubaid Bin Zafar 01-241172-057	Role of SLA in User Migration	SE, BUIC	MS(SE)	Dr Tamim A Khan	Bilal Ashraf Awan	Dr. Iftikhar Azim Niaz
3	Rubab Sheikh 01-241172-022	Test Case Minimization Approach for Reliable Regression Testing for Web Based Systems	SE, BUIC	MS(SE)	Dr Imran Babar/Dr Tamim A Khan	Dr. Sabina Akhtar	Dr. Nouman Malik
4	Ahtasham Farooq 01-241172-034	Deep Time Aware QOS Based Service Recommendation	SE, BUIC	MS(SE)	Dr Awais Majeed	Dr Tamim A Khan	Dr. Fahim Arif
5	Talal Bin Afzal 01-241172-040	Test Case Generation Using User Stories	SE, BUIC	MS(SE)	Dr Tamim A Khan	Dr Awais Majeed	Dr. Rizwan bin Faiz
6	Tayyab Iltaf 01-241172-029	Conflict Identification and Resolution between Heterogeneous Systems in IOT Environment through Risk Based Prioritization	SE, BUIC	MS(SE)	Dr Awais Majeed	Dr Kashif Sultan	Dr. Sajjad Ahmed Madani
7	Ansar Arshaad 01-241172-035	GUI Test Case Minimization and Prioritization using Data Mining and Machine Learning	SE, BUIC	MS(SE)	Dr Tamim A Khan	Dr Kashif Sultan	Dr. Nouman Malik
8	Osama Saeed Rana 01-241172-055	Lightweight Consensus Protocol for Smart IoT Devices	SE, BUIC	MS(SE)	Dr. Muhammad Muzammal	Dr Moneeb Gohar	Dr. Sajjad Ahmed Madani
9	Muhammad Orangaib 01-241171-020	Lungs cancer detection using 3D CNN	SE, BUIC	MS(SE)	Dr. Shahzad Khalid	Dr Imran Ahmad Siddiqi	Dr. Khawar Khurshid



Faculty of Engineering Sciences, Bahria University, Islamabad.

Annex-XVI: Appointment of Co-Supervisor for PhD Student

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor	Co-Supervisor
1	Mr. Adnan Abdullah (02-284162-002)	Global Positioning System Anti Spoofing and Augmentation Techniques	PhD(CS) BUKC	Dr Safdar Ali	Dr Tariq Miraj



Annex-XVII: Appointment of PhD Advisory Committee

Sr.	Name	Department	Program	Advisory Committee
1	Waqar Ahmad (01-286192-001)	E&ES, BUIC	PhD Geology	Prof. Dr. Muhammad Zafar Prof. Dr. Tahseenullah Khan Dr. Nosheen Sahir
2	Qadeer Ahmad (01-286192-004)	E&ES, BUIC	PhD Geophysics	Dr. Iqbal Hajana Dr. Muhsan Ehsan Dr. Fahad Mehmood
3	Asma Khalil (01-286192-002)	E&ES, BUIC	PhD ES	Dr. Said Akbar Khan Dr. Aansa Rukaya Saleem Dr. Asma Jamil
4	Umair Rashad (01-286192-003)	E&ES, BUIC	PhD ES	Dr. Said Akbar Khan Dr. Asma Jamil Dr. Aansa Rukaya Saleem
5	Rana Saeed (02-281181-001)	EE, BUKC	PhD (EE)	Dr. Najam Amin Dr. Abdul Attayab Dr. Mohsin Aman
6	Ovais Akhter (02-281192-001)	EE, BUKC	PhD (EE)	Dr. Najam Amin Dr. Auranzaib Rashid Dr. Imran Naseem
7	Fazal Mehmood (02-281191-001)	EE, BUKC	PhD (EE)	Dr. Haroon Rasheed Dr. Muhammad Raza Dr. Abdul Qadir
8	Waleed Raza (02-281191-002)	EE, BUKC	PhD (EE)	Dr. Muhammad Raza Dr. Haroon Rasheed Dr. Mohsin Aman
9	Adnan Yaqoob Salik 01-281192-001	EE, BUIC	PhD (EE)	Dr. Najam ul Islam Dr. Saleem Aslam Dr. Atif Raza Jafri



Annex-XVIII: Ratification for change/approval of PhD Co-supervisors

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor	Approved Co-Supervisor
1	Furqan Aftab 01-286172-003	Reservoir Quality of Sand Facies of Sembar Formation, Lower Indus Basin, Pakistan	PhD Geology	Dr. Muhammad Zafar	Dr. Iqbal Hajana
2	Aneela Khan 01-286172-002	The effects of climate change on cryosphere dynamics and hydrological response in the upper Indus Basin, Pakistan.	PhD Env. Sciences	Dr. Humera Farah	Dr. Muhammad Azmat
3	M. Nofal Munir 01-286172-001	Reservoir Diagenesis and Quality Prediction of Pab Sandstone, Lower Indus Basin, Pakistan	PhD Geology	Dr. Mohammad Zafar	Dr. Muhsan Ehsan
4	Zainab Wahab 01-286172-008	Effects of Urbanization on climate change (precipitation and temperature) in Islamabad City, Pakistan	PhD Env. Sciences	Dr. Humera Farah	Dr. Abdul Waheed



Annex-XIX: Ratification for Examiners for PhD Proposal Defense

Sr.	Name (Enrolment #)	Thesis Title	Program	Supervisor (Co-Supervisor)	Internal Examiner	External Examiner
1	Aneela Khan 01-286172-002	The effects of climate change on cryosphere dynamics and hydrological response in the upper Indus Basin, Pakistan	PhD Env. Sciences	Dr. Humera Farah (Dr. Muhammad Azmat)	Dr. Aansa Rukya	Dr. M. Zia ur Rehman Hashmi Dr. M. Afzaal
2	Zainab Wahab 01-286172-008	Effects of Urbanization on climate change (precipitation and temperature) in Islamabad City, Pakistan	PhD Env. Sciences	Dr. Humera Farah	Dr. Asma Jamil	Dr Athar Hussain Dr. Sohail Yousaf
3	Furqan Aftab 01-286172-003	Reservoir Quality of Sand Facies of Sembar Formation, Lower Indus Basin, Pakistan	PhD Geology	Dr. Mohammad Zafar	Dr. Abid Ali	Dr. Aamir Ali Dr. Birkhez Aslam Shami