

Minutes of the Meeting

29th Higher Education Research Committee

(HERC)

held on

21 October 2021



Directorate of Research, Innovation & Commercialization (RIC)

**Bahria University Head office
Islamabad**

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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 oonn</u> Where oo = ordinal sequence of HERC Meeting nn= serial number of item in that HERC Meeting Example: Item 1712 means Item No. 12 of 17 HERC Meeting
Decision on a New Item	<u>Decision oonn</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 o₂o₂ (oonn)</u> Example: Decision 17 (1512) means decision taken by 17 HERC Meeting on the prevision review item 1512 Example: Decision 17 (1512).b means decision taken by 17 HERC Meeting on the prevision review item 1512 clause 'b' Example: Decision 17 (1512).b.3 means decision taken by 17 HERC 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 actionb. Report to the Committee the progress on the matter, through periodic progress reports and at the meeting of the Committee.c. Be overall responsible to the Competent Authority, and the Committee, 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.

Acronyms & Abbreviations

AAI	Additional Agenda Item
ADRC	Aquatic Diagnostics & Research Center
BBS	Bahria Business School
BSEAS	Bahria School of Engineering & Applied Sciences
BUM&DC	Bahria University Medical & Dental College
BIC	Bahria Innovation Center
CE	Computer Engineering
CS	Computer Sciences
DIC	Director Islamabad Campus
DIPP	Director Institute of Professional Psychology
DKC	Director Karachi Campus
DLC	Director Lahore Campus
DPGP	Director Post Graduate Programs
DQA	Director Quality Assurance
DRIC	Director Research, Innovation & Commercialization
DS	Dental Section Bahria University Medical & Dental College
EDC	Estimated Date of Completion
EE	Electrical Engineering
E&ES	Earth & Environmental Sciences
ES	Engineering Sciences
H&NS	Humanities & Natural Sciences
HS	Health Sciences
HO	Head Office
H&SS	Humanities & Social Sciences
IC	Islamabad Campus
IO	International Office
IPP	Institute of Professional Psychology
KC	Karachi Campus
LC	Lahore Campus
MS	Management Sciences
SE	Software Engineering
PP	Professional Psychology

Bahria University Head Office			
1.	Vice Admiral Kaleem Shaukat HI (M) (Retd)	Rector	In Chair
2.	R/Adm Nasir Mahmood (HI) M (Retd)	Pro-Rector (RIC)	Member
3.	Surg. R/Adm Najam Ul Saqib HI(M) TBt (Retd)	Pro-Rector (Health Sciences)	Member
4.	R/Adm Habib-ur-Rehman HI (M) (Retd)	Pro-Rector (Academics)	Member
5.	R/Adm Naveed Ahmed Rizvi HI(M) (Retd)	DG IC	Member
6.	Cdre. Shafqat Azad SI(M), S.Bt (Retd)	Registrar	Member
7.	Cdre. Dr. Zahid Hasan Bawar SI (M)	Director RIC	Member/Secy
8.	Dr. Atif Raza Jafri	Dean/Principal BES	Member
9.	Dr. Adam Saud	Dean /Principal H&SS	Member
10.	Dr. Ali Imtiaz	Dean MS	Member
11.	Cdre. M. Aslam Khan SI (M) (Retd)	Treasurer	Member
12.	Cdre. Nasrullah SI (M)	Controller Examinations	Member
13.	Cdre. Asim Raza SI (M) (Retd)	Director Academics	Member
14.	Dr. Riaz Ahmed	Director PGP	Member
Bahria University Islamabad Campus			
15.	Dr. Ali Saeed	Principal, BBS	Member
16.	Dr. Samreen Faheem Babar	HOD, Dept. of MS	Member
17.	Dr. Khalil Ullah Muhammad	HOD, Dept. of BS	Member
18.	Dr. Muhammad Umer Hayat	HOD, Dept. of H&SS	Member
19.	Dr. Rizwana Amin	HOD, Dept. of PP	Member
20.	Dr. Syed M. Tirmazi	HOD, Dept. of Islamic Std.	Member
21.	Ms. Malika Farah Deebea	HOD, Dept. of Law	Member
22.	Dr. M. Riaz Raza	PGP Coord., Dept. of Media	Member
23.	Dr. Mohsin Ehsan	PGP Coord., Dept. of E&ES	Member
Bahria University Karachi Campus			
24.	Vice Admiral Khawaja Ghazanfar Hussain HI (M) (Retd)	DG	Member
25.	Cdre. Muzammil Hussain SI (M) SE (Retd)	Director Campus	Member
26.	Prof. Dr. Zainab Hussain Bhutto	Dean, Professional Psychology	Member
27.	Prof. Dr. Mustaghis-ur-Rehman	Associate Dean – MS	Member
28.	Dr. Sohaib Ahmed	Principal – BSEAS	Member
29.	Dr. Oyoona Abdul Razzaq	Principal – H&SS	Member
30.	Dr. Sayma Zia	Principal – BBS	Member
31.	Dr. Salma Hamza	HOD, Dept. of E&ES	Member
32.	Dr. Osama Rehman	HOD, Dept. of SE	Member
33.	Dr. Najam Muhammad Amin	HOD, Dept. of EE	Member
34.	Dr. Syed Safdar Ali	HOD, Dept. of CS	Member

35.	Dr. Liaquat Ali	HOD, Dept. of MS	Member
36.	Dr. Amir Manzoor	HOD, Dept. of BS	Member
37.	Dr. Shoaib Mughal	HOD, Dept. of CE	Member
38.	Dr. Kiran Bashir Ahmad	HOD, Dept. of IPP	Member
39.	Dr. Talat Sharafat Rehmani	HOD, Dept. of H&SS	Member
40.	Dr. Abdul Qadir	HOD, Dept. of Islamic Std.	Member
41.	Dr. Asif Inam	HOD, Dept. of Maritime	Member
42.	Dr. Abdul Qadir	HOD, Dept. of Islamic Std.	Member
43.	Ms. Mah-e-Darakshah	HOD, Dept. of Media Std.	Member
44.	Dr. Akhtiar Ali	PGP Coord., Dept. of MS	Member
45.	Dr. Mukesh Kumar	PGP Coord., Dept. of EE	Member
46.	Dr. Tahira Yousaf	PGP Coord., Dept. of IPP	Member

Bahria University Lahore Campus

47.	Cdre. Shahid Azmat Wain SI (M) (Retd)	Director Campus	Member
48.	Dr. Adnan Hushmat	HOD, Dept. of MS	Member
49.	Dr. Khawaja Qasim Maqbool	HOD, Dept. of CS	Member
50.	Dr. Urooj Sadiq	HOD, Dept. of PP	Member

Bahria University Medical & Dental College, Karachi

51.	Vice Admiral Khalid Amin HI (M) (Retd)	DG	Member
52.	Dr. Ambreen Usmani	Principal/Dean HS	Member
53.	Dr. Wahab Buksh Qadri	Principal Dental Section	Member
54.	Dr. Nasim Karim	HoD, Pharmacology	Member
55.	Dr. Mehreen Lateef	HoD, MDRL	Member
56.	Dr. Farzeen Tanwir	HoD, Periodontology	Member

In Attendance

57.	Dr. M. Awais Mehmood	Director IO/SMP
58.	Mr. Rizwan Aamir	Director IT
59.	Cdre Muhammad Irfan SI (M) (Retd)	Director – BUM&DC
60.	Captain Azhar Iqbal PN (Retd)	Deputy Registrar Academics
61.	Captain Zaheer Ahmad PN (Retd)	DD Academics – KC
62.	Cdr Muhammad Pervez (Retd)	DD Academics – IC
63.	Cdr Dr. M. Ahmad Sheikh (Retd)	Deputy Registrar Regulations
64.	Dr. Khalid Mustafa	VP – Medical, BUM&DC
65.	Dr. Kulsoom Fatima Rizvi	VP – Dental, BUM&DC
66.	Dr. Khalid Aziz	VP – BUCPT
67.	Dr. Daud Mirza	FM – BUM&DC
68.	Dr. Naveed Ahmad	Head ADRC – KC
69.	Dr. Saima Majeed	ADRC – KC

- 70.** Dr. Abdul Attayyab Khan
- 71.** Dr. Ghulam Muhammad
- 72.** Dr. Yasmin Zamir Ahmed
- 73.** Dr. Rashida Qari
- 74.** Mr. Adeel Ahmad
- 75.** Mr. Abrar Hussain
- 76.** Syed Rizwan Ali

FM – Dept. of EE – KC
FM – Dept. of CS – KC
FM – Dept. of Maritime – KC
FM – Dept. of Maritime – KC
Assistant Director R&D – HO
Assistant Director I&C – HO
Manager BIC – KC

Proceedings

1. The proceedings commenced at 1030hrs on 21st October 2021 with recitation verses from the Holy Quran.
2. The Honorable Rector/Chairperson HERC in his opening remarks welcomed all the members of HERC from HO, IC, KC, LC and BUM&DC. He expressed concern that all efforts shall be undertaken by BU to achieve the milestone of publishing 1,000 publications to become eligible for inclusion in international research ranking. He further added that BU has already incentivized its FMs/researchers through implementation of course load reduction policies, facilitating them to undertake research endeavors.

Confirmation of the Minutes of 28th HERCM held on 20 May 2021

3. After soliciting the approval of the Chairperson HERC, Minutes of the 28th HERCM were disseminated to all participants.
4. Following comments/observations received from Dean IPP were recommended for needful incorporation in the Minutes of 28th HERCM:

Para No.	For	Read
S.No. 41 of Attendance	Dr. Kiran Bashir Ahmad HoD, Dept. of PP	Dr. Kiran Bashir Ahmad HoD, IPP
135	Based on FRC's recommendation and BU PhD Rules, HERC is requested to DROP Ms. Shukria Fazal (01-276182-001) from the PhD – Professional Psychology Program of IC and transcript may kindly be issued clearly depicting the degree status as "INCOMPLETE"	Based on FRC's recommendation and BU PhD Rules, HERC is requested to DROP Ms. Shukria Fazal (01-276182-001) from the PhD – Clinical Psychology Program of IC and transcript may kindly be issued clearly depicting the degree status as "INCOMPLETE".
136	Based on FRC's recommendation and BU PhD Rules, HERC DROPPED Ms. Shukria Fazal (01-276182-001) from the PhD – Professional Psychology Program of IC and transcript be issued clearly depicting the degree status as "INCOMPLETE".	Based on FRC's recommendation and BU PhD Rules, HERC DROPPED Ms. Shukria Fazal (01-276182-001) from the PhD – Clinical Psychology Program of IC and transcript be issued clearly depicting the degree status as "INCOMPLETE".

5. The minutes of the 28th HERCM with aforementioned amendments were confirmed by the HERC.

Review Items

Item No. 2313: Measures to Improve Quality of PhD Research Work

Responsibility: **a. Secretary Deans Committee**
b. All Deans

Decision 28 (2602) Study 4: Standard Manual for Writing Research Proposal and Thesis (MS/MPhil and PhD) at BU:

6. Following decision were undertaken by the HERCM:
 - a. A unified Proposal and Thesis Template for MS/MPhil and PhD Programs of BU across all faculties of BU shall be developed and presented in the forthcoming Deans' Committee Meeting for needful deliberations and finalization. Maximum alignment of proposed unified thesis template with Thesis writing template already provided in the

MS/MPhil/PhD Rules of BU shall be ensured. Further, a detailed guideline should also be developed for writing of the thesis keeping in view the distinctive requirements of different faculties with an aim to facilitate the scholars.

- b. Formal meeting(s) of all Dean(s) shall be arranged with Pro-Rector (RIC) prior to processing the finalized Proposal and Thesis Template for MS/MPhil and PhD Programs of BU and relevant Guidelines for soliciting the approval of the Chairperson HERC on file.

Progress:

7. Following progress was reported:

- a. Unified Research Proposal and Thesis templates for BU MS/ MPhil and PhD programmes across all faculties are being formulated by the Deans - coordinated by Dir PGP - based on the framework contained in BU PhD Rules; as promulgated vide 7th Deans' Committee Meeting Decision 0702.
 - b. The meeting of all Deans with Pro-Rector (RIC) was arranged on 17 August 2021 in which Research Proposal and Thesis templates were presented and a unified draft of both documents were finalized. The unified Draft was also shared with all Deans & relevant Directors at BUHO by Dean MS for further feedback/ observation (if any). Subsequently received feedback was incorporated in the final Research Proposal & Thesis format and processed on file through OAS for the approval of Chairperson HERC.
- 8.** In light of decision, format and guidelines for writing Research Proposal and Thesis for MS/MPhil & PhD degrees at BU has been approved by the Chairperson HERC and the same was disseminated by Dte. of PGP vide letter no. BU/D-PGP/2021/388, Dated 24 September, 2021.

Discussion:

- 9.** Director PGP briefed the house that the approved guidelines have been uploaded on the CMS/EMS and needful directions to relevant offices have been issued for compliance with the new Research Proposal and Thesis Format guidelines for MS/MPhil and PhD Programs.
- 10.** Director PGP explained that the structure and format for research proposal and thesis writing is included in a separate document and can be accessed by students, faculty and administrative officials through CMS/EMS. He further added that the supervisor of the research proposal/thesis in respective departments of BU must ensure the compliance of approved format by the MS/MPhil and PhD scholars.
- 11.** The Chair instructed that the approved guidelines shall also be included in the statutory document of BU including MS/MPhil & PhD Rules of BU. He directed the office of Registrar to include the approved guidelines in all the statutory documents of BU including Academic Rules for ensuring compliance by all relevant offices.

Decision 29 (2602):

12. Following decisions were taken:

- a. There should be one booklet containing approved format and guidelines for writing Research Proposal and Thesis for MS/MPhil & PhD degree as well as already promulgated 'BU Thesis Writing Manual' in line with the relevant rules.
- b. All the concerned departments/committees including Departmental Research Committee(s) and Faculty Research Committee(s) of all departments/faculties of BU shall have to ensure compliance of approved BU formats and guidelines for writing Research Proposal and Thesis of MS/MPhil & PhD Programs.

- c. The approved format and guidelines for writing Research Proposal and Thesis for MS/MPhil & PhD degrees at BU shall be incorporated in all relevant statutory documents of BU for ensuring strict compliance.

13. Progress to be Reported.

Action Required	Action By	Responsibility
Implementation of Decision (a)	Director PGP	Director PGP
Implementation of Decision (b)	All HoDs	All Principal/ All Deans
Implementation of Decision (c)	Deputy Registrar (Regulations)	Registrar

Item No. 2705: Charge of Fee after Three Years from PhD Scholars

Decision: A

Action By: **Treasurer**

Responsibility: **Treasurer**

Decision: B

Action By: **Director PGP**

Responsibility: **Director Academics**

Decision 28 (2705):

14. Following decisions were taken by HERC:

- Revised fee structure on PhD scholars of BU shall be implemented across all PhD Scholars of BU (current and prospective) w.e.f. Fall 2021. An amendment/revision be issued by the Treasurer.
- The same shall be ratified in the next ACM.

15. Progress to be reported.

Progress:

16. Revised fee structure for PhD scholars was ratified in the 40 ACM Meeting held on 5-6 October, 2021 vide Item no. 4036.

Discussion:

- Director PGP highlighted that last milestone either date of final thesis defense or submission of final thesis by the scholar, shall be identified as cut-off date for fee submission by the PhD Scholars.
- HERC decided that the all-PhD Scholars shall continue to pay the requisite fee till submission of Final Thesis after incorporating the observations highlighted during final PhD thesis defense.

Decision 29 (2705):

19. Point Dropped.

Item No. 2801: Progress Review of ORIC

Decision: A

Action By: **Dean ES**

Responsibility: **Dean ES**

Decision: B

Action By: **Director RIC**

Responsibility: **Director RIC**

Decision 2801:

20. Following decisions were taken by HERC:

- a. Dean ES to arrange IEEE recognized conference titled C-CODE in the next year.
- b. School level data comparison pertaining to KPIs of Research (where applicable) to be presented in every HERCM.

21. Progress to be reported.

Progress:

22. Following progress was reported:

- a. An in-house discussion was carried out with the faculty members previously involved in organizing the C-CODE 2019. After looking at different aspects such as best possible time, COVID-19 situation, and time for the preparation, it was proposed that the said IEEE conference be held in October, 2022 soliciting approval to proceed further in this regard with IEEE.
- b. Point Noted and Needful Compliance will be ensured in forthcoming HERCMs

Discussion:

23. Dean ES briefed the house regarding the steps involved in organizing the C-CODE conference. He highlighted that all efforts will be made to ensure physical presence of the guests/ participants to achieve optimum benefit/results.

Decision 29 (2801):

24. The Chair approved the conduct of C-CODE-2022 in October 2022.

25. *Point Dropped.*

Item No. 2805: Requirement of PhD Thesis Evaluation by One Evaluator

Action By: **Director PGP**

Responsibility: **Director PGP**

Decision 2805:

26. Director PGP will organize presentation session regarding phase-wise adoption of New PhD Policy of HEC by BU. The same may be ratified by the HERC once finalized.

27. Progress to be reported.

Progress:

28. A presentation/ meeting regarding phase-wise implementation of the new HEC PhD policy was held on 31 May 2021 which was chaired by the honorable Rector. It was decided to wait for HEC's response to BU queries raised in March 2021. It was, however, decided to continue preparatory work for phase wise adoption of the new Policy. In this regard a phase-wise plan was issued to all concerned for appropriate action vide letter BUPGP/HEC-PhD (1)/2021/218 dated 07 June 2021. In addition, it is pertinent to highlight that implementation of new HEC PhD policy has been delayed till fall 2022 Session by HEC.

Decision 29 (2805):

29. As implementation of new HEC PhD Policy has been delayed by HEC, HERC decided that the case may be put up afresh after the issuance of revised instructions/implementation guidelines by HEC.

30. *Point Dropped.*

Item No. 2806: Cancellation of PhD Candidacy of Ms. Shukria Fazal-Dept. of PP, ICAction By: **HoD, Dept. of PP – IC**Responsibility: **Controller Examinations****Decision 2806:**

31. Based on FRC's recommendation and BU PhD Rules, HERC DROPPED Ms. Shukria Fazal (01-276182-001) from the PhD-Clinical Psychology Program of IC and transcript be issued clearly depicting the degree status as "INCOMPLETE".

32. Progress to be reported.

Progress:

33. The status of dropped student has been incorporated in the Database system. Program interim Transcript will be issued on demand with status as "incomplete".

Decision 29(2806):

34. Needful has been done. *Point Dropped.*

Item No. 2807: Cancellation of PhD Student Candidacies – Dept of MS, KCAction By: **HoD, Dept. of MS – KC**Responsibility: **Controller Examinations****Decision 2807:**

35. Based on FRC's recommendation and BU PhD Rules, HERC DROPPED following THREE PhD Candidates of PhD in Management Sciences at BUKC and transcript be issued clearly depicting the degree status as "INCOMPLETE".

- i. Muhammad Ali (Enroll No: 02-280202-001)
- ii. Faryal Fahim (Enroll No: 02-280181-006)
- iii. Abdul Samad Shiekh (Enroll No: 02-280182-001)

36. Progress to be reported.

Progress:

37. The status of dropped students have been incorporated in the Database system. Program interim Transcript will be issued on demand with status as "incomplete".

Decision 29 (2807):

38. Needful has been done. *Point Dropped.*

Item No. 2809: Cancellation of PhD Candidacy of Mr. Kamran Khaliq-Dept. of MS, ICAction By: **HoD, Dept. of MS – IC**Responsibility: **Controller Examinations****Decision 2809:**

39. Based on FRC's recommendation and BU PhD Rules, HERC DROPPED Mr. Kamran Khaliq (01-280162-005) from the PhD-Management Sciences Program of IC and transcript may be issued clearly depicting the degree status as "INCOMPLETE".

40. Progress to be reported.

Progress:

41. The status of dropped student has been incorporated in the Database system. Program interim Transcript will be issued on demand with status as "incomplete".

Decision 29 (2809):

42. Needful has been done. *Point Dropped.*

New Items

Item No. 2901: Progress Review of ORIC

Sponsor: **Director RIC**

Referral Authority: **15th HERCM**

Summary of the Case:

43. Like all previous HERCMs, the progress review of Key Performance Indicators of ORIC set by the worthy Board of Governors in light of New Strategic Goals of BU is hereby presented before the HERC for information.

Discussion:

44. Director RIC gave a comprehensive presentation encompassing all the relevant Key Performance Indicators of Research under the ambit of Strategic Target – II Research Excellence.

45. Director SMP briefed the house that as per Times Higher Education Ranking Criteria, the university shall have to produce at least 1,000 publications in the last five years for becoming eligible to apply for International Ranking. The Chair said that the same needs to be confirmed from Director QA for aligning the BU orientation.

46. The Chair inquired about the mechanism to calculate the Cumulative Impact Factor of Publications. Director SMP briefed the house that the cumulative impact factor depicts the quality of research publications produced by BU researchers. He further said that higher the cumulative impact factor of the publications higher will be the quality of research work. Dean MS said that citations shall also be catered as it is also a very important parameter of quality research.

47. Director RIC opined that citations gives a holistic picture regarding the quality of research work being carried out by the researchers. The number of citations indicates the quality of research and hence the criteria of citations may be incorporated in the KPI for assessing the quality of publications.

48. The Chair instructed that additional relevant KPIs may be included to compliment achievement of Key Strategic Target(s) in the already approved strategic objectives. He further added that a comprehensive mechanism be devised for prompting the concerned BU departments to ensure progress regarding the targets assigned under the BU Strategic Plan.

49. Director SMP proposed that a calendar of events be developed to monitor the progress of KPIs achieved by the relevant offices under BU Strategic Plan including conduct of national/international conferences.

50. Pro-Rector (RIC) highlighted that a comprehensive list of thematic areas be identified keeping in view the key socio-economic and technological problems of Pakistan Society for organizing/conduct of national/international conferences.

Decision 2901:

51. Following decisions were undertaken:

- a. HERC decided that calendar of events be developed to monitor the progress of KPIs achieved by the relevant offices under BU Strategic Plan including conduct of national/international conferences.
- b. All CUs to identify list of thematic areas for holding national/international conferences in line with the key socio-economic and technological problems of Pakistani Society and get it approved by the Chairperson HERC through Pro-Rector (RIC).

52. Progress to be Reported.

Action Required	Action By	Responsibility
Implementation of Decision (a)	Director CUs	Pro-Rector (RIC)
Implementation of Decision (b)	Director CUs	Director RIC

Item No. 2902: Progress Review of Funded Research Projects

Sponsor: **Director RIC**

Referral Authority: **28th HERCM**

Summary of the Case:

53. Following FIVE applied Research Projects were approved by the Honorable Rector in light of BU Funding Policy of Applied Research Projects.

S.No.	Project Title	Domain	Name of PI	Amount
ii	Methodology development for testing of SARS-CoV-2, COVID-19 infection by 2 genes (ORF1 ab and E) for the enhancement of seafood export from Pakistan to meet the global seafood trade demand	Aquatic Diagnostics & Research	Dr. Saima Majeed	934,500
ii	Cable Driven Parallel Robot Workbench	Engineering Sciences	Dr. Abdul Attayab Khan	898, 300
iii	Development of Memory Boost Nutraceutical from Indigenous Marine Sources of Algae Plants and Coral Reefs	Medical Sciences	Dr. Mehreen Lateef	553,400
iv	Marine Bio prospecting of Novel Bioactive Compounds from Medicinally Important Unexplored Species for Drug Discovery	Medical Sciences	Dr. Mehreen Lateef	548,519
v	Effect of Naturally Isolated Bioactive Compounds as Anticorrosive and Antifouling agents for its use in Shipping Industry: A Novel Approach to Identify and Prevent Marine Bio fouling	Medical Sciences & Maritime Sciences	Dr. Mehreen Lateef & Dr. Yasmin Zamir	1,291,000

54. As per the decision of 28th HERCM, all Principal Investigators (PIs) of the Awarded Projects shall have to present the progress on the project activities before the HERCM for their information and perusal. The PIs will present the progress on the execution of the research projects before the HERC for the information of the committee.

Discussion:

55. Principal Investigator (PI) of each project presented progress of the respective project indicating milestones achieved by their project teams. HERC showed satisfaction on the progress achieved by all the PIs.

56. The Chair directed the office of Treasurer to ensure availability of requisite approved funds to the respective CUs for the smooth implementation/execution of the research projects.

Decision 2902:

57. The office of Treasurer – BUHO to ensure timely availability of approved funds for the smooth execution of the approved projects.

58. *Progress to be Reported.*

Action Required	Action By	Responsibility
Implementation of Decision	Treasurer	Treasurer

Item No. 2903: Standardization of Income Distribution from Projects/Consultancies/Studies @ BU

Sponsor: **Director RIC**

Referral Authority: **Chairperson HERC**

Summary of the Case:

59. A committee was constituted to review different research policies governing projects/consultancies/studies undertaken outside BU by FMs/ Researchers of BU in order to bring uniformity across the board.

60. The committee observed that diversified mechanisms are in place in existing policies regarding distribution of income/profit received through Project/Consultancy/Training/ Study endeavor(s) by BU FMs/researchers outside BU; affecting harmonious implementation.

61. The committee concluded that a uniform distribution mechanism of profit/ income, between BU and FMs/ Researchers, obtained from different research endeavors outside BU, shall be implemented all across BU.

62. The committee, therefore, recommended following uniform distribution mechanism of net income, after deduction of all administrative expenses, under TWO Streams:

FACULTY LED STREAM	UNIVERSITY LED STREAM
Project/Consultancy/Training/Study Acquisition and Utilization of BU Specialized Resources	
The Faculty Member acquires Project / Consultancy / Training / Study endeavor(s) from the industry through his / her own peer network/competitive process without providing specialized material, infrastructure, and intellectual resources from BU.	BU arranges Project / Consultancy / Training / Study endeavor(s) for the faculty members through its own peer network /competitive process / EOIs / RFPs, whilst requiring providing material, infrastructure, and intellectual resources from BU.
Financial Distribution	
Net Income from the Project / Consultancy / Training / Study endeavor(s) shall be shared between the faculty member(s) and BU in the ratio of <u>90:10</u> respectively.	Net Income from the Project / Consultancy / Training / Study endeavor(s) shall be shared between the faculty member(s) and BU in the ratio of <u>60:40</u> respectively.
In case External Resource Person is Hired by BU	
In case external resource person is hired for any Project / Consultancy / Training / Study endeavor(s) , the payment of honorarium or profit-sharing mechanism will be decided on case-to-case basis by the Competent Authority.	

63. The amended Consultancy Policy of BU (BUORIC-P16 of R&D Handbook 2020) is hereby tabled before the HERC for ratification.

Discussion:

64. Director PGP opined that income distribution mechanism shall be devised separately for trainings, projects and consultancies.
65. DG KC was of the view that the Faculty Led Stream income distribution ratio between BU and FM should be 60:40 as the name of BU is used as an institution by the FMs to acquire the consultancy endeavors/projects.
66. Dean MS highlighted that consultancies are acquired using personal contacts by the FMs/Researchers. He added that the accreditation bodies also desire that the universities enhance the consultancy endeavors of their FMs for inculcating the latest industrial trends in the academic streams. He further added that the income distribution of university led stream should be reduced incrementally.
67. The Chair expressed his view that in case of individual based consultancies acquired by FMs/Researchers through their own peer network, maximum benefit is offered by BU to the FMs. However, where the consultancy endeavor is arranged by BU, the BU share of income needs to be enhanced to cater for miscellaneous/overhead expenses borne by BU.
68. Dean ES highlighted that wording of the existing Consultancy Policy is more comprehensive, hence only ratios of financial distribution may be changed.

Decision 2903:

69. Following decisions were undertaken by the HERC:

- a. The Committee decided that language of the existing policy is comprehensive and needs no change. However, the distribution ratio between BU and FM under the ambit of Advance Consultancy Stream be changed to **60:40** thereby amending Clause 6.2 (c) as follows:

6.2 Advance Consultancy Stream (c) Financial Distribution	
For	Read
"Income from consulting services shall be shared between the faculty member undertaking consultancy and the BU in the ratio of 80:20 respectively"	"Income from consulting services shall be shared between the faculty member undertaking consultancy and the BU in the ratio of 60:40 respectively"

- b. It was also decided to add another clause for addressing the consultancy endeavors executed through external resource person hired from outside BU. Hence following new clause has been added in the Consultancy Policy of BU:

6 (f) In case External Resource Person is Hired by BU
In case external resource person is hired for any Consultancy Endeavor(s), the payment of honorarium or profit-sharing mechanism will be decided on case-to-case basis by the Competent Authority.

- c. Complete Amended Consultancy Policy of BU is placed at [Appendage 2903](#) of this booklet for ready reference.
- d. Relevant clauses of all BU documents wherein university led endeavors are explained including HR Manual, LDC Training Policy and Psychological Services Policies of BU should be amended by the office of Registrar incorporating the ratio **60:40** between BU & FM respectively.

70. *Progress to be Reported.*

Action Required	Action By	Responsibility
Implementation of Decision (a)(b)(c)	Director RIC	Director RIC
Implementation of Decision (d)	Deputy Registrar (Regulations)	Registrar

Item No. 2904: Cancellation of PhD Candidacy of Mr. Muhammad Saqib Ali-Dept. of E&ES, IC

Sponsor: **HoD, Dept. of E&ES, IC**

Referral Authority: **FRC – ES**

Summary of the Case:

71. Muhammad Saqib Ali (01-286172-006) got admission in PhD Environmental Sciences Program at Dept. of E&ES – IC in Fall 2017.

72. The candidate did not submit his research proposal to the supervisor within the stipulated timeframe allowed in PhD Rules of BU. FRC has recommended the cancelation of the candidacy of the scholar due to lapse of timeline for submission of research proposal.

Decision 2904:

73. Based on FRC's recommendation and BU PhD Rules, HERC DROPPED Muhammad Saqib Ali (01-286172-006) from the PhD Environmental Sciences Program of IC and transcript may be issued clearly depicting the degree status as "INCOMPLETE".

74. *Progress to be Reported.*

Action Required	Action By	Responsibility
Implementation of Decision	HoD, Dept. of E&ES, IC	Controller Examinations

Item No. 2905: Cancellation of PhD Candidacy of Ms Nirmal Niazi – IPP, KC

Sponsor: **HoD, IPP, KC**

Referral Authority: **FRC – PP**

Summary of the Case:

75. Ms. Nirmal Niazi (05-274171-002) got admission in PhD Professional Psychology – KC in Spring 2017. The candidate has cleared her research proposal but has submitted application stating that she wants to quit the program due to personal reasons and because she is moving abroad with her family.

Decision 2905:

76. Based on FRC's recommendation and BU PhD Rules, HERC DROPPED Ms. Nirmal Niazi (05-274171-002) from the PhD Professional Psychology – KC and transcript be issued clearly depicting the degree status as "INCOMPLETE".

77. *Progress to be Reported.*

Action Required	Action By	Responsibility
Implementation of Decision	HoD, IPP, KC	Controller Examinations

Item No. 2906: Cancellation of PhD Student Candidacies – Dept of CE, IC

Sponsor: HoD, Dept. of CE, IC

Referral Authority: FRC – ES

Summary of the Case:

78. The following cases are recommended by the DRC and FRC after due debate for cancellation of their candidates.

Sr. #	Name	Enroll/Batch	Remarks
i.	Qazi Ziaullah	01-281131-007 Spring 2013	Mr. Qazi Ziaullah (01-281131-007) got admission in PhD-Computer Engineering Program at Dept. of CE – IC in Spring 2013. He appeared for internal defense on April 2021. He has been given four chances for passing his internal thesis defense. His result was unsatisfactory. The case was deliberated in the FRC Meeting and FRC recommended the cancellation of PhD student candidacy of Mr. Qazi Ziaullah.
ii.	Shahida Khanum	01-281182-001 Fall 2018	Ms Shahida Khanum (01-281182-001) got admission in PhD-Computer Engineering Program at Dept. of CE – IC in Fall 2018. Ms Shahida has passed her comprehensive on 10 March 2020. She had not defended her proposal defense in due time. FRC has recommended her case to HERC for cancellation of candidacy of the scholar.

Discussion:

79. Director PGP opined that the Rule position regarding the cancellation of PhD student candidacies shall be clearly mentioned by the sponsor of the items for avoiding any ambiguity in future.

Decision 2906:

80. Based on FRC's recommendation and BU PhD Rules, HERC DROPPED the following TWO PhD Candidates of PhD in Computer Engineering Program at IC and transcript be issued clearly depicting the degree status as "INCOMPLETE".

- i. Qazi Ziaullah (Enroll No: 01-281131-007)
- ii. Shahida Khanum (Enroll No: 01-281182-001)

81. Progress to be Reported.

Action Required	Action By	Responsibility
Implementation of Decision	HoD, Dept. of CE, IC	Controller Examinations

Item No. 2907: Cancellation of PhD Student Candidacies – Dept of MS, KC

Sponsor: HoD, Dept. of MS, KC

Referral Authority: FRC – MS

Summary of the Case:

82. The following Three Cases are recommended by the DRC and FRC after due debate for cancellation of their candidates.

Sr. #	Name	Enroll/Batch	Remarks
i.	Muhammad Usman	02-280192-007 Fall 2019	Mr. Muhammad Usman was enrolled in Fall 2019 in PhD (MS). During course work, the scholar failed to maintain minimum

			CGPA (i-e 3) required as per PhD Rules 2017 point 22. Upon subsequent chance (i-e probation, chance) the scholar failed to maintain the minimum CGPA. As per PhD rules the scholar may be dropped from PhD (MS) program.
ii.	Raza Khan	02-280192-006 Fall 2019	Mr. Raza Khan was enrolled in Fall 2019 in PhD (MS). During course work the scholar failed to maintain minimum CGPA (i-e 3) required as per PhD Rules 2017 point 22. Upon subsequent chance (i-e probation, chance) the scholar failed to maintain the minimum CGPA. As per PhD rules the scholar may be dropped from PhD (MS) program.
iii.	Affifa Sardar	02-280172-004 Fall 2017	Ms. Affifa Sardar was enrolled in Fall 2017 in PhD (MS). The scholar has successfully completed course work and comprehensive exam but failed to submit proposal on time as per PhD Rules 2017. Upon her request the Honorable Rector BU gave her time extension. The PGP arranged viva voce as per rules however, the scholar failed to defend her proposal. The scholar approached honorable Rector through complaint box source for re-appearance in proposal defense, but her request was declined. As per PhD rules the scholar may be dropped from PhD (MS) program.

Discussion:

83. Director Academics said that in case the PhD Scholars are dropped due to academic deficiencies, such cases should not be forwarded to HERC for tabulation. In case of academic deficiencies, BU Academic Rules will be applied automatically and student will not be able to register for the semester. All such cases shall be referred back to the sponsor department.

Decision 2907:

84. Following decisions were undertaken by the HERC:

- The cases of Mr. Muhammad Usman (Enroll No: 02-280192-007) and Mr. Raza Khan (Enroll No: 02-280192-006) are referred back to the Dept. of MS – KC for action in light of BU Academic Rules.
- Based on FRC's recommendation and BU PhD Rules, HERC DROPPED Ms. Affifa Sardar (Enroll No: 02-280172-004) from the PhD Program in Management Sciences at KC and transcript may kindly be issued clearly depicting the degree status as "INCOMPLETE".

85. *Progress to be Reported.*

Action Required	Action By	Responsibility
Implementation of Decision (a)	HoD, Dept. of MS, KC	Dean MS
Implementation of Decision (b)	HoD, Dept. of MS, KC	Controller Examinations

Item No. 2908: Cancellation of PhD Student Candidacies – Dept. of MS, IC

Sponsor: HoD, Dept. of MS, IC

Referral Authority: FRC – MS

Summary of the Case:

86. The following cases are recommended by the DRC and FRC after due debate for cancellation of their candidates:

Sr. #	Name	Enroll/Batch	Remarks
i.	Rizwan Riaz	01-280181-001 Fall 2018	Mr. Rizwan Riaz got admission in PhD-Management Sciences Program at Dept. of MS – IC in Spring 2018. The candidate brought his PhD Proposal on 16 February 2021 and requested for virtual proposal defense as he could not manage to come from United States due to Covid-19. The case of proposal submission after the specified time and conduction of online proposal defense was presented in 13 FRC, however, the same was not approved. Currently his status is “Time barred” due to inability to appear for on campus proposal defense.
ii.	Asma Iftikhar	01-280162-003 Fall 2016	Ms. Asma Iftikhar got admission in PhD-Management Sciences Program at Dept. of MS – IC in Fall 2016 as HEC indigenous scholar. Three unsatisfactory reports were received from the supervisor of the scholar (first report for period March – May, 2020, second report for June – August, 2020; and third report for the period September – November 2020). As per BU PhD (2017) Rule 27.3, if the scholar gets THREE unsatisfactory report during the Program, FRC can recommend to the HERC for cancellation of PhD candidacy of the scholar.

Decision 2908:

87. Based on FRC’s recommendation and BU PhD Rules, HERC DROPPED the following TWO PhD Candidates of PhD in Management Sciences at IC and transcript may kindly be issued clearly depicting the degree status as “INCOMPLETE”.

- i. Rizwan Riaz (Enroll No: 01-280181-001)
- ii. Asma Iftikhar (Enroll No: 01-280162-003)

88. Progress to be Reported.

Action Required	Action By	Responsibility
Implementation of Decision	HoD, Dept. of MS, IC	Controller Examinations

Item No. 2909: Ratification for Award of PhD Degrees

Sponsor: **Controller Examinations**

Referral Authority: **Case Files**

Summary of the Case

89. Undermentioned PhD Scholars of Management Sciences, Software Engineering and Electrical Engineering, Computer Sciences and Media Sciences from Islamabad/Karachi Campuses have completed all requirements for award of PhD Degrees.

90. The details received from the office of Controller Examinations in respect of the following 18 PhD Scholars are attached as Appendage 2909.

S.#	Student Name	Department	Campus
i.	Adeel Muzaffar Syed	Software Engineering	BUIC
ii.	Ali Mustafa Qureshi	Electrical Engineering	BUIC
iii.	Zoya Wajid Satti	Management Sciences	BUIC
iv.	Nadia Jaweed	Management Sciences	BUIC
v.	Saira Ashfaq	Management Sciences	BUIC

vi.	Naveen Irtiza	Electrical Engineering	BUKC
vii.	Momina Moetesum	Computer Sciences	BUIC
viii.	Sadia Arif	Management Sciences	BUKC
ix.	Sobia Zaman	Management Sciences	BUIC
x.	Zoia Khan	Management Sciences	BUIC
xi.	Farrukh Shahzad	Media Studies	BUIC
xii.	Kaiser Rashid Janjua	Management Sciences	BUIC
xiii.	Muhammad Akram	Management Sciences	BUIC
xiv.	Nishat Riaz	Management Sciences	BUIC
xv.	Sarina Zainab Shirazi	Management Sciences	BUIC
xvi.	Mohsin Ullah	Management Sciences	BUIC
xvii.	Ghulam Ali Mirza	Computer Sciences	BUIC
xviii.	Ijaz Ahmed	Management Sciences	BUIC

91. Honorable Rector has approved the award of PhD Degrees to aforementioned PhD Scholars. As per BU PhD Rules 2017 Article 36, award of PhD Degree to each one of them is to be ratified by HERC.

Decision 2909:

92. HERC ratified Award of PhD Degrees in respect of **Eighteen PhD Scholars** along with degree completion details mentioned in the [Appendage 2909](#).

93. *Point Dropped.*

Action Required	Action By	Responsibility
Implementation of Decision	Controller Examinations	Controller Examinations

Item No. 2910: Approval of Adding New Names in the List of Foreign & Local External Examiners for PhD Programs of ES – IC & KC

Sponsor: **All HoDs – Engineering Faculty of IC & KC**

Referral Authority: **FRC – ES**

Summary of the Case:

94. The names of following THIRTY Foreign External Examiners and FIVE Local External Examiners are submitted for inclusion in list of foreign/local external examiners for the PhD Program of the Engineering Sciences.

95. The CVs of the recommended foreign external examiners have been submitted by the concerned department for needful inclusion in the HERC approved list of foreign/local examiners.

S.No.	Name	Affiliation	Research Area(s)	Post-PhD Experience
i.	Prof. J. M. Floryan	University of Western Ontario London, Canada	Computational Fluid Dynamics	40 Years
ii.	Prof. Ran Zhang	Jilin University, Changchun China	Computational Mathematics	17 Years
iii.	Prof. Huseyin Demir	University of Samsun, Turkey	Computational Fluid Dynamics	25 Years
iv.	Dr. M. Reza Safaei	Florida International University (FIU), USA	Computational Mathematics	6 Years
v.	Prof. Mustafa BAYRAM	Biruni University Istanbul, Turkey	Applied Mathematics	27 Years
vi.	Prof. Dr. Ishak Hashim	Universiti Kebangsaan Malaysia	Applied Mathematics	22 Years
vii.	Dr. Anum Shafiq	Nanjing University of Information Science and Technology, China	Computational Fluid Dynamics	5 Years

viii.	Dr. Noor Fadiya Mohd Noor	Universiti Malaya, Malaysia	Computational Fluid Dynamics	11 Years
ix.	Prof. Grecov Dana	University of British Columbia, Canada	Computational Fluid Dynamics	20 Years
x.	Prof. O. D. Makinde	Stellenbosch University, South Africa	Computational Fluid Dynamics	25 Years
xi.	Prof. Francisco Ortegón Gallego	Universidad de Cádiz, Spain	Applied Mathematics	32 Years
xii.	Prof. Hakan F. ÖZTOP	Firat University, Dept. Mech.Eng., Elazığ, Turkey	Computational Fluid Dynamics	18 Years
xiii.	Prof. Sharidan Bin Shafie	UTM JB, Malaysia	Computational Fluid Dynamics	16 Years
xiv.	Prof. Dr. Yan Zhang	Beijing University of Civil Engineering and Architecture, China	Computational Fluid Dynamics	15 Years
xv.	Dr. Yu Bai	Beijing University of Civil Engineering and Architecture, China	Computational Mathematics	5 Years
xvi.	Prof. Dianchen Lu	Jiangsu university, China	Computational Fluid Dynamics	12 Years
xvii.	Dr. Mohammad Rahimi-Gorji	Ghent University, Ghent, Belgium	Computational Fluid Dynamics	11 Years
xviii.	Prof. Seifedine Kadry	Noroff University College, Kristiansand, Norway	Computational Mathematics	14 Years
xix.	Prof. Jae Dong Chung	Sejong University, South Korea	Computational Fluid Dynamics	25 Years
xx.	Dr. Chengxi Liu	Wuhan University, China	Power system stability and control, Power system simulation and optimization	8 Year
xxi.	Dr. Eklas Hossain	Oregon Institute of Technology (OIT), Oregon, USA	Renewable Energy, Energy System, Power System, Advanced Control System, Power Electronics and Drives	5 Years
xxii.	Dr. Kimmo Tapio Kauhaniemi	University of Vaasa, School of Technology and Innovations, Finland	Power systems, Relay protection, Distributed generation, Microgrids	27 Years
xxiii.	Dr. Muhammad Faisal Aftab	University of Ager (UiA), Norway.	Performance monitoring, Autonomous systems, Control systems, Machine Learning, Fault diagnostics	3 Years
xxiv.	Dr. Omer Rana	School of Computer Science and Informatics, Cardiff University, United Kingdom	Computer science, Cloud computing, big data. Machine learning.	22 Years
xxv.	Dr. Adwoa Donyina	University of New Haven, West Haven Connecticut, United States	Socio-technical Systems, Stochastic simulation, Graph Transformation Systems, Rule-based approaches, Role-based access control	10 Years
xxvi.	Dr. Mohsin Raza	Department of Computer Science, Edge Hill University Ormskirk Lancashire, UK	Internet of Things (IoT); Sensor Networks; Machine Learning; Mobile and Wireless Networks	3 Years
xxvii.	Dr. Lei Zhang	School of Engineering, University of Glasgow, UK	Distributed Consensus, Distributed Ledger, Technology (DLT) and Blockchain, Data Privacy and Security, Radio Access Layer Network Slicing	10 Years
xxviii.	Dr. Masaki Onozaki	The Institute of Applied Energy, Japan	Chemical Engineering, Analysis of strategy towards Carbon Neutral and Carbon Recycle, Analysis of energy strategy	16 Years

xxix.	Dr. Heekwan Lee	Incheon National University, South Korea	Atmospheric environment, Indoor air quality, Climate change	20 Years
xxx.	Dr Nordiana Mohd Muztaza	School Physics, Universiti Sains, Malaysia.	2-D electrical resistivity, seismic refraction, geotechnical investigations, Seismic refraction tomography	8 Years
LOCAL EXTERNAL EXAMINERS				
xxxi.	Dr. Moazzam Ali Khan	Institute of Environmental Studies University of Karachi, Pakistan	Wastewater Treatment Technology, Environmental Economics, Climate Change	22 Years
xxxii.	Dr. Maria Kaleem	Department of Geology, University of Karachi	Geology and hydrochemistry, Environmental Geology, Hydrogeology	2 Years
xxxiii.	Dr. Bushra Shahab	Department of Geology, University of Karachi	Economic, Mineralogical and Geochemical Studies, Environmental Geology	2 Years
xxxiv.	Dr. Noushaba Hisam	Pakistan Petroleum Limited	Hydro geophysics, petrology, groundwater exploration	11 Years
xxxv.	Dr. Adnan Khan	Department of Geology, University of Karachi	Mineralogy, Petrology, Engineering Geology, Geomorphology, Soil and Rock Mechanics	6 Years

96. Based on FRC's recommendation, HERC is requested to add THIRTY new names in the list of Foreign external examiners and FIVE new names in the list of Local external examiners for PhD Programs of Faculty of Engineering Sciences.

Discussion:

97. Director PGP proposed that Pakistani origin evaluators currently affiliated with foreign universities having PhD degree from Foreign Universities should only be considered in the list of foreign external examiners of BU PhD theses.

98. DG IC highlighted that the list of Local and Foreign Evaluators shall be holistically reviewed and based on their evaluation performance of PhD Theses of BU scholars. He further said that non-responsive/underperforming evaluators shall also be deleted from the existing approved HERC list of local/foreign evaluators of PhD Theses.

Decision 2910:

99. Following decisions were undertaken by the HERC:

- Only those Pakistani origin evaluators having foreign PhD degrees and currently affiliated with foreign universities are eligible to be part of Foreign External Examiners list of BU PhD theses.
- FRCs of respective faculties shall have to review the existing pool of Local & Foreign External Examiners and recommend the names for deletion in the 30th HERCM.
- HERC approved following 29 Foreign External Examiners and 03 Local External Examiners for PhD Programs in the Faculty of Engineering Sciences – BU.

S.No.	Name	Affiliation	Research Area(s)	Post-PhD Experience
i.	Prof. J. M. Floryan	University of Western Ontario London, Canada	Computational Fluid Dynamics	40 Years
ii.	Prof. Ran Zhang	Jilin University, Changchun China	Computational Mathematics	17 Years
iii.	Prof. Huseyin Demir	University of Samsun, Turkey	Computational Fluid Dynamics	25 Years
iv.	Dr. M. Reza Safaei	Florida International University (FIU), USA	Computational Mathematics	6 Years

v.	Prof. Mustafa BAYRAM	Biruni University Istanbul, Turkey	Applied Mathematics	27 Years
vi.	Prof. Dr. Ishak Hashim	Universiti Kebangsaan Malaysia	Applied Mathematics	22 Years
vii.	Dr. Noor Fadiya Mohd Noor	Universiti Malaya, Malaysia	Computational Fluid Dynamics	11 Years
viii.	Prof. Grecov Dana	University of British Columbia, Canada	Computational Fluid Dynamics	20 Years
ix.	Prof. O. D. Makinde	Stellenbosch University, South Africa	Computational Fluid Dynamics	25 Years
x.	Prof. Francisco Ortégón Gallego	Universidad de Cádiz, Spain	Applied Mathematics	32 Years
xi.	Prof. Hakan F. ÖZTOP	Firat University, Dept. Mech.Eng., Elazığ, Turkey	Computational Fluid Dynamics	18 Years
xii.	Prof. Sharidan Bin Shafie	UTM JB, Malaysia	Computational Fluid Dynamics	16 Years
xiii.	Prof. Dr. Yan Zhang	Beijing University of Civil Engineering and Architecture, China	Computational Fluid Dynamics	15 Years
xiv.	Dr. Yu Bai	Beijing University of Civil Engineering and Architecture, China	Computational Mathematics	5 Years
xv.	Prof. Dianchen Lu	Jiangsu university, China	Computational Fluid Dynamics	12 Years
xvi.	Dr. Mohammad Rahimi-Gorji	Ghent University, Ghent, Belgium	Computational Fluid Dynamics	11 Years
xvii.	Prof. Seifedine Kadry	Noroff University College, Kristiansand, Norway	Computational Mathematics	14 Years
xviii.	Prof. Jae Dong Chung	Sejong University, South Korea	Computational Fluid Dynamics	25 Years
xix.	Dr. Chengxi Liu	Wuhan University, China	Power system stability and control, Power system simulation and optimization	8 Year
xx.	Dr. Eklas Hossain	Oregon Institute of Technology (OIT), Oregon, USA	Renewable Energy, Energy System, Power System, Advanced Control System, Power Electronics and Drives	5 Years
xxi.	Dr. Kimmo Tapio Kauhaniemi	University of Vaasa, School of Technology and Innovations, Finland	Power systems, Relay protection, Distributed generation, Microgrids	27 Years
xxii.	Dr. Muhammad Faisal Aftab	University of Ager (UiA), Norway.	Performance monitoring, Autonomous systems, Control systems, Machine Learning, Fault diagnostics	3 Years
xxiii.	Dr. Omer Rana	School of Computer Science and Informatics, Cardiff University, United Kingdom	Computer science, Cloud computing, big data. Machine learning.	22 Years
xxiv.	Dr. Adwoa Donyina	University of New Haven, West Haven Connecticut, United States	Socio-technical Systems, Stochastic simulation, Graph Transformation Systems, Rule- based approaches, Role-based access control	10 Years
xxv.	Dr. Mohsin Raza	Department of Computer Science, Edge Hill University Ormskirk Lancashire, UK	Internet of Things (IoT); Sensor Networks; Machine Learning; Mobile and Wireless Networks	3 Years
xxvi.	Dr. Lei Zhang	School of Engineering, University of Glasgow, UK	Distributed Consensus, Distributed Ledger, Technology (DLT) and Blockchain	10 Years
xxvii.	Dr. Masaki Onozaki	The Institute of Applied Energy, Japan	Chemical Engineering, Analysis of strategy towards Carbon Neutral and Carbon Recycle	16 Years

xxviii.	Dr. Heekwan Lee	Incheon National University, South Korea	Atmospheric environment, Indoor air quality, Climate change	20 Years
xxix.	Dr Nordiana Mohd Muztaza	School Physics, Universiti Sains, Malaysia.	2-D electrical resistivity, seismic refraction, geotechnical investigations	8 Years
LOCAL EXTERNAL EXAMINERS				
xxx.	Dr. Moazzam Ali Khan	Institute of Environmental Studies University of Karachi, Pakistan	Wastewater Treatment Technology, Environmental Economics, Climate Change	22 Years
xxxi.	Dr. Noushaba Hisam	Pakistan Petroleum Limited	Hydro geophysics, petrology, groundwater exploration	11 Years
xxxii.	Dr. Adnan Khan	Department of Geology, University of Karachi	Mineralogy, Petrology, Engineering Geology, Geomorphology, Soil and Rock Mechanics	6 Years

100. Progress to be Reported.

Action Required	Action By	Responsibility
Implementation of Decision (a)	All HoDs – All Campuses	All Deans
Implementation of Decision (b)	All Deans	All Deans
Implementation of Decision (c)	Concerned HODs	Dean ES

Item No. 2911: Approval of Adding New Names in the List of Foreign & Local External Examiners for PhD Programs of MS – IC

Sponsor: **HoD, Dept. of MS, IC**

Referral Authority: **FRC – MS**

Summary of the Case:

101. Following ONE foreign and ONE local examiners/evaluators (recommended by FRC) are submitted for inclusion in list of foreign & local examiners/evaluators.

Foreign External Examiners				
S.No.	Name	Affiliation	Area of Specialization	Post-PhD Exp
i	Gabriele Santoro	University of Turin, Italy	Management, Change and Innovation Management	4 Years
Local External Examiners				
i	Dr. Muhammad Jehangir	Abdul Wali Khan University (AWKUM), Mardan KPK	Management information system and Strategic Management	9 Years

102. Based on FRC's recommendation, HERC is requested to add new names in the list of local and foreign external examiners for PhD Programs of Faculty of Management Sciences.

Decision 2911:

103. HERC approved following ONE foreign and ONE local examiners/evaluators for inclusion in list of foreign & local examiners/evaluators

Foreign External Examiners				
S.No.	Name	Affiliation	Area of Specialization	Post-PhD Exp
i	Gabriele Santoro	University of Turin, Italy	Management, Change and Innovation Management	4 Years

Local External Examiners				
i	Dr. Muhammad Jehangir	Abdul Wali Khan University (AWKUM), Mardan KPK	Management information system and Strategic Management	9 Years

104. *Point Dropped.*

Action Required	Action By	Responsibility
Implementation of Decision	HoD, Dept. of MS, IC	Dean MS

Item No. 2912: Approval of Adding New Name in the List of Local External Examiners for PhD Programs of MS – KC

Sponsor: HoD, Dept. of MS, KC

Referral Authority: FRC – MS

Summary of the Case:

105. Following ONE local examiner/evaluator (recommended by FRC) is submitted for inclusion in list of local examiners/evaluators.

Local External Examiners				
S.No.	Name	Affiliation	Area of Specialization	Post-PhD Experience
i	Dr. Salman Ahmed Sheikh	SZABIST – Karachi	Islamic economics/ Finance	3 Years

106. Based on FRC's recommendation, HERC is requested to add ONE new name in the list of local examiners/evaluators for PhD Programs of Faculty of Management Sciences.

Decision 2912:

107. HERC approved following ONE local examiner/evaluator for inclusion in list of local examiners/evaluators.

Local External Examiners				
S.No.	Name	Affiliation	Area of Specialization	Post-PhD Experience
i	Dr. Salman Ahmed Sheikh	SZABIST – Karachi	Islamic economics/ Finance	3 Years

108. *Point Dropped.*

Action Required	Action By	Responsibility
Implementation of Decision	HoD, Dept. of MS, KC	Dean MS

Item No. 2913: Approval of Adding New Names in the List of Foreign External Examiners for PhD Programs of IPP – KC

Sponsor: HoD, Dept. of IPP, KC

Referral Authority: FRC – PP

Summary of the Case:

109. Following ONE foreign examiner/evaluator (recommended by FRC) is submitted for inclusion in list of foreign examiners/evaluators.

Foreign External Examiners				
S.No.	Name	Affiliation	Area of Specialization	Post-PhD Exp
i	Dr. Fahad Khan	Deputy Director Research / Licensed Clinical Psychologist, Khalil Center (2014 till present), Lombard, Illinois, USA. Adjunct Faculty at National Louis University (2016 till present), Chicago, Illinois USA Adjunct Faculty at College of DuPage (2016 till present), Glen Ellyn, Illinois, USA Adjunct Faculty at Concordia University (2015 till present), River Forest, Illinois, USA	PsyD from Midwestern University (2011-2015), Clinical Psychology, Islamically Integrated Psychotherapy	6 Years

110. Based on FRC's recommendation, HERC is requested to add ONE new name in the list of foreign external examiners for PhD Programs of Faculty of Professional Psychology.

Decision 2913:

111. HERC approved following ONE Foreign examiner/evaluator for inclusion in list of foreign examiners/evaluators.

Foreign External Examiners				
S.No.	Name	Affiliation	Area of Specialization	Post-PhD Ex
i	Dr. Fahad Khan	Deputy Director Research / Licensed Clinical Psychologist, Khalil Center (2014 till present), Lombard, Illinois, USA. Adjunct Faculty at National Louis University (2016 till present), Chicago, Illinois USA Adjunct Faculty at College of DuPage (2016 till present), Glen Ellyn, Illinois, USA Adjunct Faculty at Concordia University (2015 till present), River Forest, Illinois, USA	PsyD from Midwestern University (2011-2015), Clinical Psychology, Islamically Integrated Psychotherapy	6 Years

112. Point Dropped.

Action Required	Action By	Responsibility
Implementation of Decision	HoD, Dept. of IPP, KC	Dean IPP

Item No. 2914: Abolishing of "Sharing of University Overheads Policy"

Sponsor: **Director RIC**

Summary of the Case:

113. Every project proposal approved by HEC/ any funding organization indicates separate budget head of 15-20% of the overall project cost to cater for university overhead expenditures.

114. In order to provide additional incentive to FMs/ Researchers at that time, BU approved a policy “Sharing of University Overheads Policy” in the year 2014 in which FMs were given share in the University Overheads allocated in a project. Main reason for such mechanism at that time was that PIs & Co-PIs of the project were not given honorarium by the funding organization for the entire duration of the project.

115. As per the current practice for the funded projects, PI/Co-PI of the project are provided honorarium till culmination/ closing of the project; hence the policy needs to be dissolved.

Discussion:

116. Dean ES opined that in the past different funding organizations such as HEC awarded only one basic salary to the Principal Investigator of the Project for its entire duration as Honorarium. BU introduced the subject policy for financially motivating the PIs of the funded research projects. However, currently the funding organizations awards monthly honorarium to the PIs of the funded projects for the entire duration of the project.

Decision 2914:

117. HERC abolished ORIC Policy No. BUORIC-P06 titled “Sharing of University Overheads” placed at [Appendage 2914](#) with immediate effect (i.e., 21 October, 2021).

118. *Point Dropped.*

Action Required	Action By	Responsibility
Implementation of Decision	Director RIC	Director RIC

Closing of the Meeting

119. The Chairperson thanked all the participants of the meeting for having conclusive discussions. The meeting concluded at 1630hrs.

Cdre. Dr. Zahid Hasan Bawar SI (M)
Director RIC
Secretary HERC

18 November 2021

BUORIC-P16 – Consultancy Policy

Policy Number:	BUORIC-P16
Effective Date:	18 th July, 2016
1st Amendment Date:	18 th October, 2018
2nd Amendment Date:	21 st October, 2021
Policy Title:	Consultancy Policy
Approval Authority:	Higher Education Research Committee (HERC)
Status:	ACTIVE

1. Responsible Party:

- 1.1. Higher Education Research Committee (HERC)
- 1.2. Office of Research, Innovation & Commercialization (ORIC)

2. Purpose

- 2.1 Through consulting and other relationships with industry, business, not-for-profit organizations, government and others outside the University, its faculty members can transfer knowledge from University to the public good and can meet the individual's and the institution's obligation of public service.
- 2.2 Consulting activities can bring fresh insights into BU classrooms.
- 2.3 Consulting can provide an important means of continuing education for the faculty and can provide them with a currency and experience in aspects of their profession fields outside the context of the University itself.
- 2.4 The University benefits in its ongoing relationships with the local, regional, national, and international communities it seeks to serve.

3. Policy Statement:

It is policy of the Bahria University to encourage faculty to consult for agencies outside the University for compensation as a way to foster the transfer of knowledge gained through University research for societal benefit as long as these commitments do not interfere with the performance of regular University duties and the procedures and other requirements of this policy are followed.

4. Definition of Consultancy

- 4.1 Consulting under this policy shall be construed in the broad sense as professional activities to outside organizations the faculty members get engaged in within the area of their expertise for compensation such as, but not necessarily limited to advising, performing analysis, testing or assaying, system formulation and documentation, or similar work performed in addition to the faculty members' responsibilities as full-time BU employee.
- 4.2 However, outside activities or titles that constitute or imply managerial or supervisory responsibility are not allowable as consulting relations. Faculty must avoid titles that include

terms such as executive, officer, director, manager, or chief as they imply or indicate management responsibilities and create real or perceived conflicts of commitment.

5. Exclusion from Consulting Definition

The following outside professional activities shall not count as outside consulting commitments defined under this policy though an honorarium or equivalent is forthcoming.

5.1 Scholarly communications in the form of books, movies, television production, art works, etc.

5.2 Service to national commissions, governmental agencies and boards, granting agency peer review panels, philanthropic organizations or charities, professional societies, visiting committees or advisory groups to other universities etc. Such outside services and activities are covered under the BU Faculty Participation in Academic and Professional Organizations Policy.

5.3 Giving occasional lectures and speeches, participation in colloquia, symposia, site visits, study sections, and similar gatherings sponsored by governmental agencies, non-profit higher education institutions or non-profit entities organized solely for educational religious, philanthropic, or research purposes

5.4 Peer review of articles of articles and grant proposals

5.5 Editorial services for educational or professional organizations

6. Consultancy Streams

6.1 Basic Consultancy Stream	6.2 Advance Consultancy Stream
a. Consultancy Acquisition and Utilization of BU Specialized Resources	
The Faculty Member shall have to acquire consultancy endeavors from the industry through his own peer network/competitive process. However, FM shall not be eligible to utilize specialized material and non-material resources from BU for successfully undertaking the consultancy endeavor.	BU will arrange consultancy endeavor(s) for the faculty members through its own peer network OR FM acquires consultancy endeavors from the industry through his own peer network/competitive process whilst requiring specialized material and non-material resources from BU.
b. Nature of Consultancy Agreement	
<ul style="list-style-type: none"> Consulting agreements between faculty member and outside entities shall be of personal nature to which the BU shall not be a party. Neither the faculty member nor the company for which he/she consults may use the BU name, logo and letterhead in connection with the consulting services, except that the faculty member shall use the BU name in identifying in his/her title. The faculty member may also not speak, act, or make representation on behalf of the BU during the course of consulting process, nor may he or she express University endorsement in relation to the outside activity. 	
c. Financial Distribution	
Income from consulting services shall be shared between the faculty member	Income from consulting services shall be shared between the faculty member

undertaking consultancy and the BU in the ratio of 90:10 respectively.	undertaking consultancy and the BU in the ratio of 60:40 respectively.	
d. Time Allocation		
<ul style="list-style-type: none">The workload of faculty members performing consultancy of different magnitude shall be reduced as follows:		
Consultancy Amount (Rs.) per Six Months	Number of Hours Reduced	No. of Courses Reduced
0.5 Million to 0.75 Million	8 Hours per week	Nil
> 0.75 Million to 1.00 Million	12 Hours per week	Nil
> 1.00 Million	16 Hours per week	One
<ul style="list-style-type: none">The incentive of reduction of number of hours to be spent at campus and course load reduction can only be availed in one semester (on the discretion of the FM/Researcher) throughout the entire duration of the consultancy project.Safeguards against use of BU facilities and work-force shall be instituted on case-to-case basis to ensure that the performance of BU duties and its scholarly mission are not compromised.		
e. Approving Authority		
<ul style="list-style-type: none">It is mandatory for all faculty members/researchers of BU to solicit prior approval of the Director Constituent Unit before undertaking any consultancy endeavor with the industry.Director CU shall have to submit quarterly report in this regard to ORIC – BUHO.		
f. In case External Resource Person is Hired by BU		
In case external resource person is hired for any Consultancy Endeavor(s) , the payment of honorarium or profit-sharing mechanism will be decided on case-to-case basis by the Competent Authority.		

7. Conflict of Interest and Responsibility of Faculty Members

7.1 Faculty members must acknowledge that outside professional consulting is a privilege and not a right, it shall not be undertaken if such consulting interferes with the discharge of a faculty member's duties and responsibilities to the BU.

7.2 Since it is not possible to provide specific rules covering all possible situations of conflict of interest, in general, personal responsibility, integrity, and high ethical standards on part of the faculty members shall be the principal guides in avoiding conflicts of interest and commitment.

7.3 The faculty members must accept the responsibility to adhere to the consulting time limit and arrange their work in such a way that the consulting commitments do not compromise their substantive BU responsibilities. For instance, the faculty members must make sure that no class rescheduling takes place owing to consultancy time off from the campus.

7.4 Essential to the effectiveness of this procedure shall be the complete disclosure of outside consulting activities. So, it shall be obligation of faculty members to keep their department heads continually informed inadequate detail as to all outside consulting activities.

8. Policy Violation/Sanctions

8.1 Violations of this policy include, but are not limited to:

- Failing to get prior approval for the consulting endeavors from the Competent Authority
- Filing an incomplete, erroneous, or misleading documents for acquiring approval
- Failing to provide additional information as required by the approving authority
- Indulging in conflict of interest in various forms and shapes
- Non-compliance with any of the restrictions outlined in this policy

8.2 Violations of this policy may result in denial of approval for consulting activities and also may be the basis for conducting employee disciplinary action by BU.

9. Approval Procedure

9.1 Head of Department shall review Consulting Approval Form in consultation with the Faculty Dean and the Head of Campus to ensure that:

9.1.1 The proposed consulting activity falls within the definition of consulting

9.1.2 Does not involve participation in day-to-day operations within a commercial enterprise, or assumption of a key, continuing role in managerial or technical efforts of a commercial enterprise.

9.1.3 The consulting relationship is not likely to interfere with the faculty member's primary BU obligations, nor is it likely to undermine the morale or academic integrity of the University.

9.2 The faculty member shall submit draft consultancy agreement to the Head of Department who shall examine the draft agreement in consultation with the Faculty Dean and the Head of Campus for its compliance with the provisions of this policy and shall process the same for the final approval of the Director Constituent Unit.

9.3 However, if at any stage during the review of the Consulting Approval Form or draft consultancy agreement, it is determined that the proposed activity is incompatible with this policy, the faculty member shall be informed of that decision. In such case, the faculty member shall not proceed with the proposed activity.

10. Maintenance of Record, Monitoring and Reporting

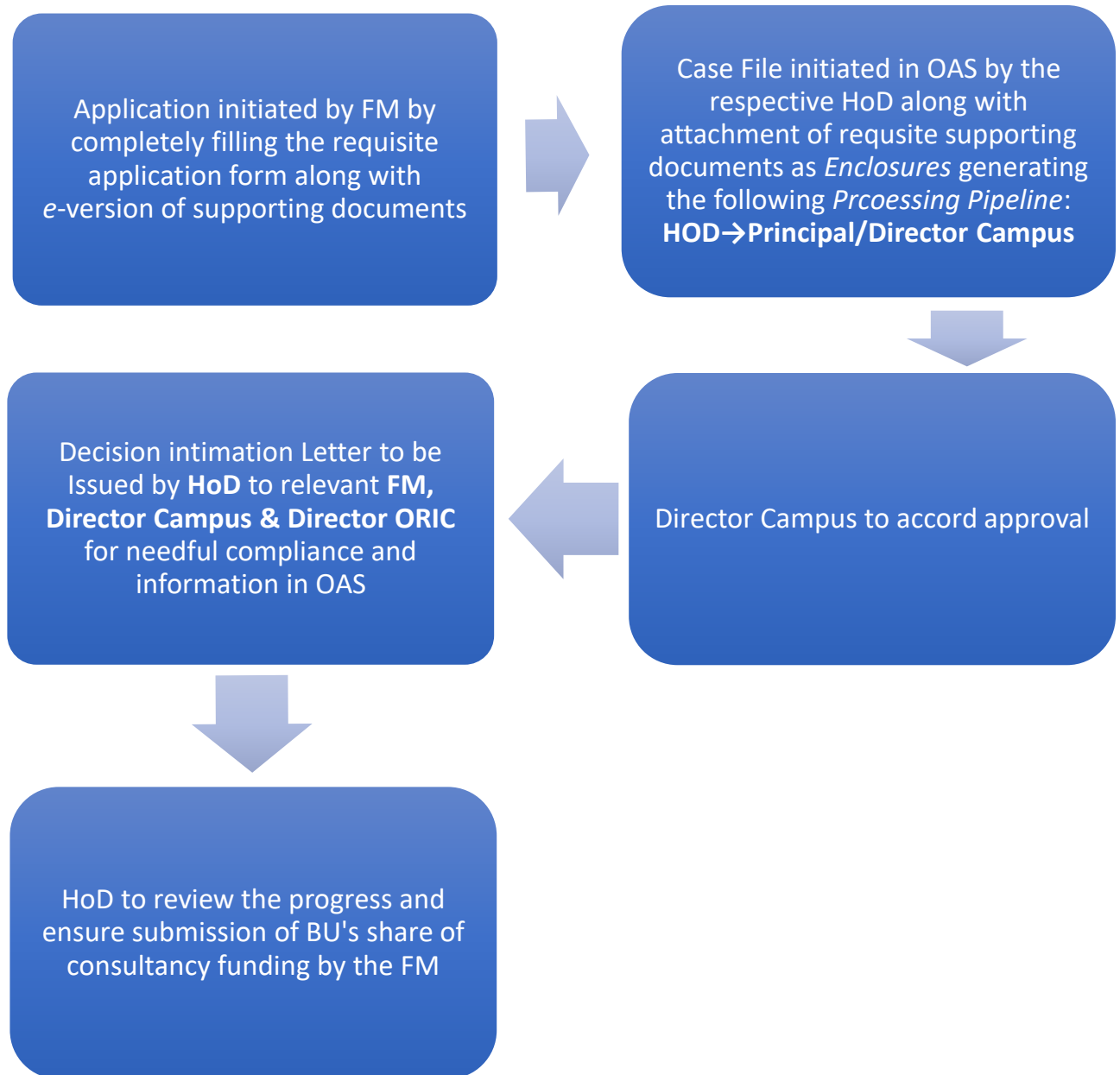
10.1 The Head of Department shall maintain record of completed Consulting Approval forms and consultancy agreements of all faculty members engaged in outside consulting. A copy of these documents shall also be submitted to ORIC through the Head of Campus.

10.2 The Head of Department shall maintain record of the time and effort spent by the faculty members in providing the consulting services, and the number of junior faculty members and students engaged for this purpose.

10.3 The Head of Department shall maintain a special overview of outside consulting, monitor the extent of such interactions and assess their impact on the primary functions of the BU – teaching, research, and service to ensure that this overload activity promotes BU social agenda and does not interfere with the faculty member's substantive duties.

- 10.4** The Head of Department shall also send a copy of consultancy agreement to the BU Campus accounts office for maintaining an account of BU share of consultancy income.

Application Filing Procedure in OAS:





3.20 Consultancy Application Form (P16)

Section – 1 Consultant Details	
Consultant Name	
Department	
Campus	
Cell	
Email	
Section – 2 Client Details	
Client Name	
Address	
Contact Name	
Telephone	
Email	
Section – 3 Dates	
Proposed Start Date	
Proposed End Date	
Anticipated Number of Days	
Section – 4 Project Details	
Describe the work to be undertaken	

Ratification of Award of PhD Degrees

<u>S.#</u>	<u>Student Enr #</u>	<u>Student Reg #</u>	<u>Student Name</u>	<u>Date of Enrollment</u>	<u>Date of Final Defense</u>	<u>Date of Notification/ Completion</u>	<u>Department</u>	<u>Campus</u>
1.	01-281132-001	5801	Adeel Muzaffar Syed	02 Sep 2013	04 Nov 2020	19-1-2021	Software Engineering	BUIC
2.	01-281131-002	34930	Ali Mustafa Qureshi	08 Feb 2013	21 Oct 2020	29-1-2021	Electrical Engineering	BUIC
3.	01-280142-007	15105	Zoya Wajid Satti	08 Sep 2014	11 Mar 2020	22-7-2020	Management Sciences	BUIC
4.	01-280102-003	363	Nadia Jaweed	20 Aug 2010	05 Nov 2019	20-07-2020	Management Sciences	BUIC
5.	01-280122-011	32496	Saira Ashfaq	03 Sep 2012	12 Apr 2021	10-8-2021	Management Sciences	BUIC
6.	02-281131-001	32998	Naveen Irtiza	04 Feb 2013	29 June 2021	6-8-2021	Electrical Engineering	BUKC
7.	01-284142-001	22402	Momina Moetesum	01 Sep 2014	02 Jun 2021	5-8-2021	Computer Sciences	BUIC
8.	02-280132-002	32982	Sadia Arif	02 Sep 2013	03 Feb-2021	21-6-2021	Management Sciences	BUKC
9.	01-280161-002	1255	Sobia Zaman	01 Feb 2016	13 July 2021	6-8-2021	Management Sciences	BUIC
10.	01-280132-003	37999	Zoia Khan	02 Sep 2013	06 Oct 2020	8-6-2021	Management Sciences	BUIC
11.	01-285181-001	56463	Farrukh Shahzad	08 Feb 2018	13 Apr 2021	20-5-2021	Media Studies	BUIC
12.	01-280142-005	36983	Qaiser Rashid Janjua	08 Feb 2014	10 Feb 2021	3-5-2021	Management Sciences	BUIC
13.	01-280132-004	6964	Muhammad Akram	17 Sep 2013	08 Dec 2020	4-3-2021	Management Sciences	BUIC
14.	01-280122-009	32472	Nishat Riaz	02 Sep 2012	7 July 2020	19-11-2020	Management Sciences	BUIC
15.	01-280152-010	43129	Sarina Zainab Shirazi	07 Sep 2015	23 June 2021	6-9-2021	Management Sciences	BUIC
16.	01-280112-010	26239	Mohsin Ullah	12 Sep 2011	11 Mar 2021	30-9-2021	Management Sciences	BUIC
17.	01-284151-002	40020	Ghulam Ali Mirza	02 Feb 2015	26 Aug 2021	13-10-2021	Computer Sciences	BUIC
18.	01-280132-001	8897	Ijaz Ahmed	02 Sep 2013	01 Sep 2021	13-10-2021	Management Sciences	BUIC

BUORIC-P06 – Sharing of University Overheads

Policy Number:	BUORIC-P06
Effective Date:	7 th April, 2014
Policy Title:	Sharing of University Overheads
Approval Authority:	Higher Education Research Committee (HERC)
Status:	Abolished w.e.f. 21 October, 2021

1. Responsible Party:

- 1.1 Higher Education Research Committee (HERC)
- 1.2 Office of Research, Innovation & Commercialization (ORIC)

2. Purpose:

- 2.1 After the notification of ORIC by HEC in October 2011, BU is now eligible to claim 15% overhead costs instead of 2% (in the past) on each research funding project submitted to the HEC.
- 2.2 In the International world, typically public-sector projects are awarded 15-20% university overheads whereas private sector funded projects may include 30-40% as university overheads.

3. Scope:

All BU researchers and FM's who have successfully closed research project(s) awarded by public/private funding organization(s) can claim their share from university overheads.

4. Policy Statement:

In order to encourage the researchers, the University Overheads will be shared as per the following arrangements: -

Research Funding acquired from Public Sector Organizations

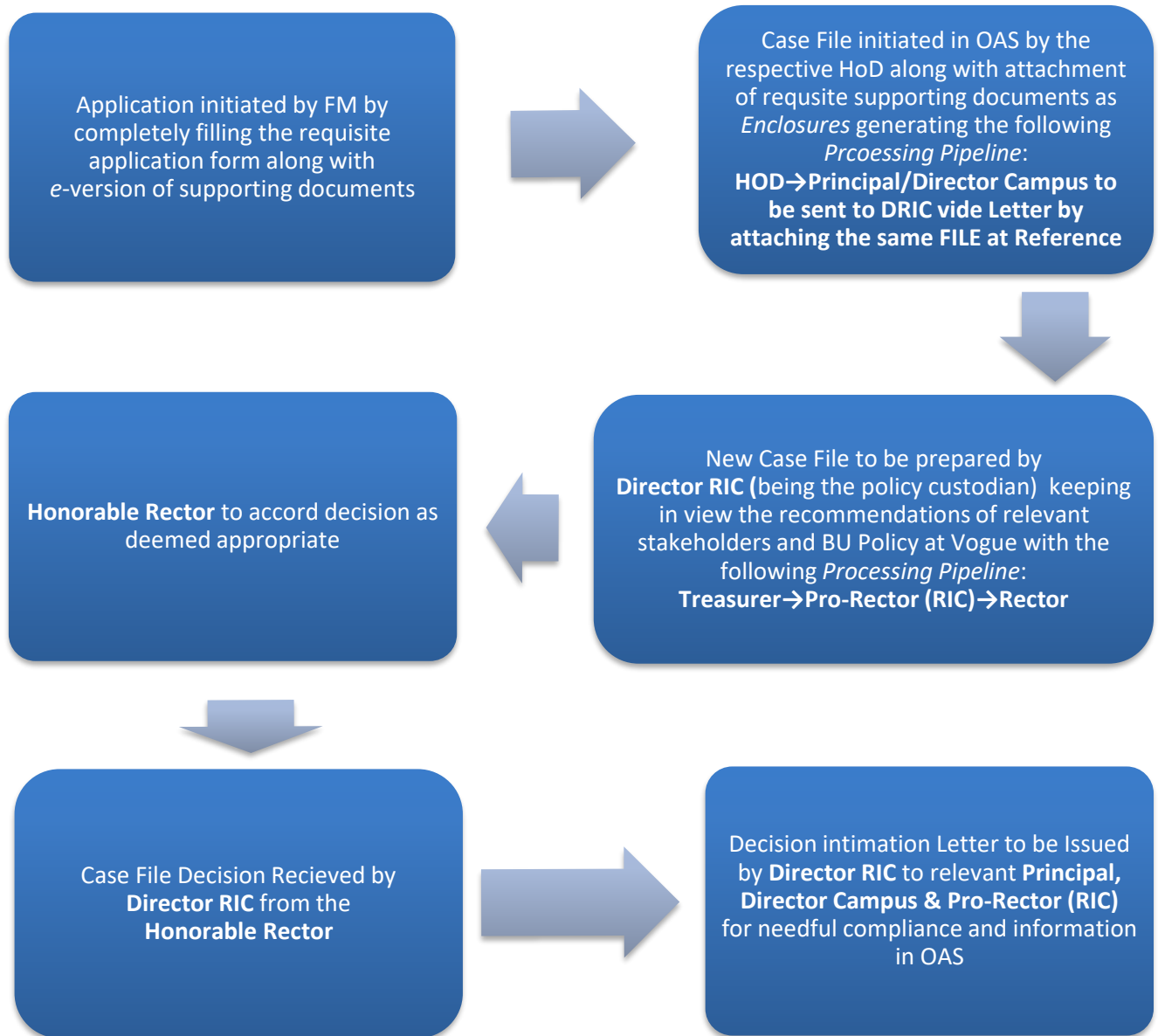
Beneficiary	Overhead Cost Share
Principal Investigator & his/her team	60%
Departmental R&D Fund	20%
BU Central R&D Fund	20%

Research Funding acquired from Private Sector Organizations

Beneficiary	Overhead Cost Share
Principal Investigator & his/her team	80%*
Departmental R&D Fund	10%
BU Central R&D Fund	10%

* Due to greater level of difficulty in attracting sponsored R&D Projects from Private Sector

5. Application Filing Procedure in OAS:





Application Form for Sharing of University Overheads (P06)

1	APPLICANT'S PROFILE		
	Name		
	Designation/Department		
	Campus/Institute		
	Contact Details	Cell:	Email:
2	DETAILS OF SPONSORED RESEARCH PROJECT <i>(Attach the funding Approval Letter & Contract)</i>		
	Title of the Project		
	Project Duration		
	Funding Organization		
	Funding Organization Type	• Public	• Private
	Detailed Financial Breakup of Funding (Add extra rows/pages if necessary)	Financial Head	Amount (Rs.)
	Total (Rs.)		
<p align="right">Applicant Signature: _____</p> <p align="right">Date: _____</p>			

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