



Capital University of Science and Technology

Islamabad Expressway, Kahuta Road, Zone-V, Islamabad

Phone: +92 51 111 555 666, Fax: 92 51 4486705

Email: info@cust.edu.pk, Website: <http://www.cust.edu.pk>

4th Meeting

ORIC STEERING COMMITTEE

Minutes of the Meeting held on May 14, 2024

- The 4th meeting of the ORIC (Office of Research, Innovation and Commercialization) Steering Committee was held on May 14, 2024, Tuesday at 11 a.m. in Workshop Room, B-Block, CUST.
- The external members of the committee attended the meeting through a web link.
- Dr. Muhammad Mansoor Ahmed, Vice Chancellor CUST and Chairperson of the ORIC Steering Committee, presided over the meeting.
- The following members were present in the meeting:

• Dr. Nayyer Masood	Dean, ORIC	Member
• Dr. Muzaffar Abbas	Dean, Faculty of Pharmacy	Member
• Dr. Amir Qayyum	Professor, CS	Member
• Dr. Majid Ali	Professor, CE	Member
• Dr. Nadeem Anjum	HOD, SE	Member
• Mr. Farrukh Mehmood	CEO, 11 Values	Member
• Mr. Jahanzeb Sarwar Malik	Manager I & C, ORIC	Secretary
- The following could not attend the meeting due to other prior commitments:

• Mr. Jafar Safdar	CEO, 11 Values	Member
• Mr. Abdul Qadeer	Director, Berkeley	Member
• Mr. Tahir Mahmood Ch.	CEO, Falcon Engineering	Member
• Mr. Mahmood A. Warraich	Director, Pre-Cast Products	Member
• Mr. Rase Naqvi	SEO, Electronic Interconnect Engineering (EIE)	Member
• Mr. Bilal Farooq	Founder, Consulting 360	Member
- The following attended the meeting by invitation:

• Dr. Sabahat Haqqani	HOD, Psychology	
• Malik Arshad Mehmood	Registrar	
• Mr. Muhammad Musharaf	Deputy Registrar	
• Mr. Haris Bilal Malik	Deputy Director, ORIC	
• Mr. Raheel Anjum	Manager Research, ORIC	

- The meeting started with the recitation from Holy Quran by Dr. M. Manssor Ahmed.
- The Chairperson welcomed all the members of the ORIC Steering Committee to its fourth meeting.
- Subsequently, the Committee deliberated upon the following agenda items at length and took the following decisions:-

Item #1 Confirmation of the Previous Meeting Minutes

- 1.1 It was informed that no observation on the decision taken in 3th meeting of the ORIC Steering Committee held on April 23, 2024, already circulated amongst the members of the Committee was received. Therefore, the ORIC-Steering Committee confirmed the minutes of its 3th meeting.
- 1.2 Dean ORIC elaborated on the status of decisions made in the 3rd meeting of the Committee. His elaboration included the following:
 - Meeting with Mr. Tahir Mehmood at CUST to discuss the strategies to achieve the HEC's ORIC Scorecard
 - Inclusion of list of FYP-II of Computer Sciences Department in the agenda of the 4th ORIC Steering Committee Meeting
 - Completion of the listing and documentation of CUST Research Groups' Profiles

Item # 2 CUST-ORIC Activities Brief

- 2.1 The Dean ORIC, after being invited by the Chair to brief about ORIC activities, thanked the Chairperson and presented the activities, and achievements of ORIC in the month of April, 2024. His briefing included the following:
 - Recently awarded Research Project by NESCOM (PI: Dr. Mahabat Khan)
 - Research Proposal Submissions
 - Industrial Liaison & MOUs
 - Important Meetings/Seminars
 - Submission of ORIC Budget for the year 2024-2025
 - Preparation of initial draft of CUST IP Policy
 - Advertisement of Calls for Proposals
- 2.2 The Chair thanked the Dean ORIC and suggested the following:
 - A senior faculty member, preferably an HOD, from the Faculty of Management & Social Sciences (FMSS) may be added to the ORIC Steering Committee

- An ORIC Team member may be designated for the Career Launch Pad Cohort 6 Program
- An ORIC Team member may be designated to help the faculty members in research proposal submissions.

Item # 3 Progress of Ongoing Industrial Research Project of Dr. Sabahat Haqqani

3.1 Dr. Sabahat Haqqani presented her ongoing project "**Preparation of indigenous manual-based intervention for lowering anxiety and depression levels among Pakistani youth**" to the house. The presentation comprised of the project's technical & ethical aspects, sample collection, practicability, conducted trainings & seminars, and industrial scale testing/production/application. The presentation was followed by a comprehensive Question-&-Answer session regarding the practical & ethical aspects and future prospects. Salient features of the project are as follows:

- **Funding Agency:** HEC – NRPU
- **Total Budget (PKR):** 12.5 M (PKR)
- **Project Duration:** 2021 – 2024
- **Research Area:** Healthcare
- **PI:** Dr. Sabahat Haqqani,
Associate Professor, CUST
- **Co-PI:** Dr. Ishrat Yousaf,
Assistant Professor, CUST
- **Academic Partner:** University of Manchester
- **Sectoral Collaborator:** Pakistan Institute of Living & Learning (PILL)

3.2 The PI informed the Committee that final report of the project is to be submitted today (May 14, 2024). Furthermore, she also apprised that 3 Journal and 2 Conference Publications have either been published or accepted.

3.3 Mr. Farrukh Mehmood recommended that the samples may be collected from the clinics and hospitals since they have more validated cases. Moreover, he suggested that professionals from the market may also be attached with the project in commercialization perspective.

3.4 Dr. Majid Ali suggested that the project may be interlinked with the wellness center at CUST.

3.5 The chairperson congratulated the PI on the successful completion of the project and suggested that a bunch of volunteers from the CUST student body may be considered for a larger scale sample collection. Furthermore,

the chair suggested that a mobile application may be developed for this study with the help of faculty of computing. He also offered funding for the development of proposed mobile application.

- 3.6 The PI thanked for the valuable suggestions of the members and for the funding offer from the honorable Vice Chancellor. Moreover, while addressing the concern raised by Mr. Farrukh Mehmood regarding sample collection, she explained that most of the cases of anxiety doesn't get reported to clinics and hospitals and that is the reason why they preferred the collection of samples from the community, and not from clinics and hospitals.

Item # 4 Final Year Projects (FYPs-II) of Computer Sciences Department

- 4.1 The Dean ORIC presented 34 currently registered FYPs-II in the Computer Sciences Department, with a brief description of each project. The FYPs were distributed as
- 15 Mobile Applications
 - 13 Web Applications
 - 6 Mixed Applications
- 4.2 Having been asked about the possible role of the ORIC regarding the FYPs, the Dean ORIC apprised the Committee that the ORIC Team will help facilitate the commercialization of the FYPs in the coming summer semesters through FMSS last year's students. Furthermore, he mentioned that selected FYPs will be considered & provided space in the Business Incubation Center (BIC) at CUST.
- 4.3 Dr. Nadeem Anjum commented on the need for a Launchpad-type role of the ORIC & BIC regarding the startups based on selected FYPs. Moreover, he emphasized that the supervisor may be given a good share in the ownership of the startups in future perspectives. Dr. Amir Qayyum also supported the stance of Dr. Nadeem Anjum on the supervisor's greater share in the ownership.
- 4.4 The Dean ORIC emphasized on the greater student's share in the IP Ownership and proposed the following IP Ownership Scheme:
- 70 % - Student's share
 - 15 % - Supervisor's share
 - 15 % - University/ORIC's share
- 4.5 The chairperson suggested that the ownership may be decided in the next meeting. Furthermore, he made the following comments:



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- Maximum penetration of the ORIC into the FYPs and their commercialization is recommended.
- A proactive role of the ORIC Team is expected from a commercialization perspective.
- Selected FYPs may be funded (50,000 PKR to each FYP) to encourage & facilitate their conversion into startups.

4.6 Dr. Majid Ali suggested that the previously used format of the FYPs proposal write may again be considered to get the FYPs' data ready for proposal submissions.

4.7 Mr. Farrukh Mehmood suggested the following:

- Industrial evaluation of the FYPs at initial or halfway stages
- Designing the projects in industrial perspectives
- University evaluation of FYPs and rewards for the selected FYPs
- Selected FYPs be taken up into the Incubation Center

4.8 The chairperson thanked the members of the Committee for their valuable suggestions and comments.

Due to the time constraints, the meeting was concluded with a word of thanks to the participants.

Prepared by:

Haris Bilal Malik
Deputy Director ORIC

Endorsed by:

Dr. Nayyer Masood Dar
Dean ORIC

Approved by:

Dr. Muhammad Mansoor Ahmed
Vice Chancellor CUST
Chairperson ORIC Steering Committee