Agenda of the 39th meeting of the PGC to be held on 15th July 2019, 3:00 PM, Meeting Room, 6th Floor, New Academic Building

1. Confirmation of the minutes of the 38th meeting of the PGC held on 27th June, 2019.

2. To consider the case of Jinkeon Kang under Joint MoU for award of Double Ph.D. Degree.

   Background : The Senate in its 42nd Meeting held on 24.04.2019, has considered the above case and has requested "*the PGC to examine the equivalence of courses and others requirements to be completed by him (Jinkeon Kang) for Double Ph.D. program after the MoU for Joint Ph.D. is signed and place the matter to the next Senate for discussion*".

   The following points may kindly be noted in this matter:

   i. Mr. Jinkeon Kang is a student of the **Integrated Master and PhD Course**, Korea University and is currently hosted at IIITD where he is working towards his thesis. He had joined IIITD as an exchange student on **25.07.2014.**
   ii. As per decision of the Senate (refer to the above) the MoU is under signature.
   iii. He has done following 4 courses at IIITD (as credit courses)
   - (i) CSE345: Foundations of Computer Security (Monsoon Semester 2015) B
   - (ii) CSE793a: Topics of Cryptanalysis (Winter Semester 2015) A
   - (iii) CSE749: Network Anonymity and Privacy (Monsoon 2014) B
   - (iv) CSE524: Theory of Modern Cryptography (Monsoon 2014) A
   iv. Prior to coming to IIITD he did some courses at Korea University (transcript attached), but has not been awarded MTech degree yet.
   v. As per the Institute rules a PhD student in the normal course is required to complete below requirements:
   - (i) Coursework credits – 32 credits for UG degree holder, 16 credits for PG degree holder
   - (ii) Research work credits – 56 credits
   - (iii) Comprehensive Exam
   - (iv) Yearly Review
   vi. He was on Research Visa from July 2014 till July 2019, now the same cannot be extended. And he can now come to the Institute only on tourist visa, for the maximum duration of 89 days.

   In view of the above facts, the PGC may kindly consider the case and make appropriate recommendation to the Senate.

3. To discuss about special requirement for PhD(HCD) program.

   Background: The item was discussed in the 36th Meeting of PGC held on 18.04.2019, wherein PGC had suggested some changes to be made in the proposed document. Now HoD-HCD, Dr Pushpendra Singh has revised the proposal of "Special Requirement for

PhD(HCD) Program" (copy placed at Annexure I). The following points need to be considered:

(i) Under Eligibility **–** The duration of the program mentioned under clause 1, should be 4 years.

(ii) Under Eligibility - The exception clause, needs to be considered, to be in line with the PG regulations.

(iii) The nomenclature (TRC, DRC etc..)used in the document, should be align with the general nomenclature used for PhD program in the Institute.

(iv) Advisor allocation – Need to be considered.

(v) Change from one program to another (PhD to MTech) - Need to be considered.

4. Any other item with permission of Chair PGC.

PhD Regulations for the Dept. of Human-Centered Design

The PhD program aims to produce future designers and practice-based researchers in interaction design and user experience who have an excellent understanding of both social and technical techniques and tools.

Program Outcomes: The main outcomes of the PhD program are given here. Students will investigate the effects of ICTs on human behaviour, communication and social interaction At the end of the program a student is expected to have:

General Research Skills

1. Thorough understanding of the Design choices and processes.

2. Ability to design, develop and evaluate new technology-based systems for novel applications which meet the desired needs of industry and society.

3. Undertake original research at the cutting edge of design & its related areas.

4. Write research findings for academic publication

5. Work effectively individually or as a part of a team to accomplish a stated goal.

6. Understand professional and ethical responsibility.

7. Communicate effectively with a wide range of audiences.

8. Learn independently and engage in lifelong learning.

Social Research Theme	Technical Research Theme
● Application of one or more of the social sciences to a detailed study Human-Technology interaction and their societal implications. ● Collect and analyze data from individual interviews, focus groups, video-based fieldwork ● Analyze and interpret qualitative research findings to generate recommendations for applied systems design ● Develop interpretive skills to identify and unpack implicit cultural understandings of an human-technology interaction ● Understand the foundations the Computer Supported Cooperative Work - theory and practice ● Identify and develop research questions focused on advancing the state of the art in Human-Centred Computing ● An understanding of the impact of technology and design related solutions in an economic, societal and environmental context	● Ability to adapt existing models, techniques, etc. for efficiently solving problems. ● Understanding and ability to use advanced computing and design techniques and tools. ● Develop technical solutions to interactional problems ● Design technical solutions from a user-centred design perspective ● Identify and develop research questions focused on advancing the state of the art in Human-Centred Computing ● An understanding of the impact of technology and design related solutions in an economic, societal and environmental context ● Collect and analyze data from individual interviews, focus groups, video-based fieldwork ● Analyze and interpret qualitative research findings to generate recommendations for applied systems design

Eligibility: 1. UG or PG Engineering degrees in CSE/ECE/Design/Architecture/Social Science or other related disciplines 2. B.Des/M.Des 3. MBBS/MD/MPh 4. MCA 5. M.Sc/M.A. degree in design or computing-related disciplines

Exceptions may be given to the above list and new degrees may be considered by the Doctoral Research Committee (DRC) of the department.

The preceding degree must be passed in first class (60% or 7.5/10 CGPA or equivalent).

General Requirements: Similar to other PhD programs at IIIT-Delhi.

Course Requirements: The course requirements are the similar as other PhD programs for applicants with 4, 5, or 6 years of education after 12th/Baccalaureate Exam.

To summarize:

1. A person having completed 12+4 years of relevant education will be doing 8 courses.

2. A person having completed 12+5 years of relevant education will be doing 6 courses

3. A person having completed 12+6 years of relevant education will be doing 4 courses

The course requirement and plan will be decided by the DRC of the dept. for every candidate. A candidate may be given exemption (e.g. coming with strong domain knowledge) or may be asked to do more courses to strengthen the background.

The course work will include mandatory courses from Design and will be taken from a bucket defined by the DRC of the dept.

Advisor allocation, Thesis Review, Comprehensive, and Examinations -An admitted student will have full freedom in choosing the PhD advisor, however, by the end of the first semester of enrollment in the PhD program, the advisor must be finalised. Moreover, if the student has been admitted, either through rolling admissions with a pre-defined advisor or through regular admission round under a predefined project and an advisor, the advisor will be allocated, as mentioned, right at the start of the PhD program.

After an advisor has been finalised and thesis area is identified, a thesis review committee (TRC) will be created by the DRC (Doctoral Research Committee) of the dept. Similar to other PhD programs in the institute, the PhD student will have to undergo an annual review every year before the TRC.

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Similar to other PhD programs, a student will also have to clear the comprehensive exam as part of PhD graduation requirements. The TRC of the student, based on the progress, will recommend the comprehensive exam date for the student. A student is expected to have either accepted or at

least an under submission work, as a first author, in a reputed venue before the comprehensive is scheduled. The reputed venues for a PhD student will be decided by the TRC in consultation with the Advisor.

Rest of the graduation requirements, e.g, CGPA, are the same as other PhD programs at IIIT-Delhi.

Future guidelines may emerge as the program grows.