



Indira Gandhi Delhi Technical University For Women
(Formerly Indira Gandhi Institute of Technology)
Kashmere Gate, Delhi-110006

27/02/2019

Minutes of the IVth Meeting of University Research Board

The Fourth meeting of the University Research Board (URB) was held on 27th February, 2019 at 03:00 PM in the Conference Hall, Admin. Block, IGDTUW. The following members attended the meeting:

1. Dr. Amita Dev, Hon'ble Vice-Chancellor, Chairperson
2. Prof. Ela Kumar, HOD(CSE), Member
3. Dr. Arun Sharma, HOD (IT), Member
4. Dr. Nidhi Goel, HOD (ECE), Member
5. Dr. Manoj Soni, HOD (MAE), Member
6. Dr. Shalini Arora, HOD (AS&H), Member
7. Dr. Chhaya Ravi Kant, Dy. Dean (R&C), Member
8. Dr. Richa Yadav, Ph.D Coordinator, Member

Dy. Dean (R&C) apprised the Board members about various agenda items for URB.

The University Research Board discussed on the various agenda items and made the following recommendations.

- I. The following cases of Supervisors/Jt. Supervisors from IGDTUW as recommended by respective Departmental Research Committee (DRCs) were approved.

S. No	Name of Faculty	Supervisor /Joint Supervisor	DRC Details
1	Dr. Amita Dev, Vice Chancellor	Supervisor	Special DRC (CSE/IT) dated- 11/05/2018
2	Dr. Vandana Niranjan, Associate Prof., Dept. of ECE	Supervisor	6 th DRC (ECE/MAE) dated- 12/04/2018
3	Dr. Pankaj Tomar, Assistant Prof., Dept. of MAE	Supervisor	6 th DRC (ECE/MAE) dated- 12/04/2018
4	Dr. Niyati Baliyan, Assistant Prof., Dept. of IT	Supervisor	Special DRC (CSE/IT) dated- 11/05/2018
5	Dr. Pankaj Gupta, Assistant Prof., Dept. of ECE	Joint-Supervisor	6 th DRC (ECE/MAE) dated- 12/04/2018
6	Dr. Ravinder M., Assistant Prof., Dept. of CSE	Joint Supervisor	Special DRC (CSE/IT) dated- 11/05/2018
7	Dr. Sumit Kumar Yadav, Assistant Prof., Dept. of CSE	Joint Supervisor	Special DRC (CSE/IT) dated- 11/05/2018
8	Dr. Sourabh Bharati, Assistant Prof., Dept. of IT	Joint Supervisor	Special DRC (CSE/IT) dated- 11/05/2018

[Handwritten signatures of the members]

II. The following cases of allocation of Joint Supervisors were approved.

S. No	Enrolment No.	Name	Dept.	FT/ PT/ JRF	Supervisor	Proposed Joint Supervisor	DRC Details
1	00405032014	Narendra Mishra	IT	PT	Prof. R.K. Singh	Dr. Sumit Kumar Yadav, Dept. of CSE, IGDTUW	7 th DRC (CSE/IT) dated- 04/09/2018
2	00205012016	Sonakshi Vij	CSE	PT	Prof. D.K. Tayal	Dr. Amita Jain, Assistant Prof., Dept. of CSE, Ambedkar Institute of Advanced Communication Technologies & Research	7 th DRC (CSE/IT) dated- 04/09/2018
3	00205022017	Pooja Pandey	ECE	FT	Dr. Nidhi Goel	Dr. Rashmi Gupta, Associate Prof., Dept. of ECE, AIACTR, Delhi	6 th DRC (ECE/MAE) dated- 12/04/2018
4	00305022017	Aasiya Parveen	MAE	FT	Dr. N.R. Chauhan	Dr. Mohd. Suhaib, Professor, Mech. Engg. Dept., Jamia Mila Islamia University, New Delhi	6 th DRC (ECE/MAE) dated- 12/04/2018
5	00105112017	Bharti Seth	Maths (ASH)	JRF	Dr. Shalini Arora	Dr. Punita Saxena, Associate Prof., Shaheed Rajguru College of Applied Science for Women, University of Delhi	7 th DRC (AS&H) dated- 06/09/2018
6	00105122017	Ritu Chaudhari	Physics (ASH)	FT	Dr. Chhaya Ravi Kant	Dr. Alka Garg, Associate Prof., Gargi College, University of Delhi	7 th DRC (AS&H) dated- 06/09/2018
7	00105122018	Deepa Kumari	Physics (ASH)	JRF	Dr. Chhaya Ravi Kant	Dr. Ravinder Pal, Scientist G, SSPL, DRDO, Delhi	7 th DRC (AS&H) dated- 06/09/2018

III. The following cases of Change of Supervisor were approved by URB on recommendation of 7th DRC (CSE/IT) dated 04/09/2018.

S. No	Enrolment No.	Name	Dept.	FT/ PT/ JRF	Proposed Supervisor
1	00205032016	Shivi Garg	IT	PT	Dr. Niyati Balyan, Assistant Prof., Dept. of IT, IGDTUW is the new supervisor in place of Prof. R.K. Singh and Dr. A.K. Mohapatra, Associate Prof., Dept. of IT, IGDTUW

IV. (A.) Consequent upon the approval of the Research Plans of provisionally registered Ph.D students by respective DRCs , the following cases have been approved by URB for Final Registration as candidates in the Ph.D Programme of IGDTUW. w.e.f. date of DRC i.e. 12th April 2018 .

ECE & MAE (Recommendation of 6 th DRC (ECE/MAE) dated 12/04/2018)					
S. No	Enrolment No.	Name	FT/ PT/ JRF	Name of the Supervisor/Joint Supervisor	Broad Area
1	00205022017	Nidhi Agarwal	PT	Dr. Nidhi Goel	Abnormality Detection through Medical Image Processing
2	00205022016	Suman Yadav	PT	Prof. Ashwini Kumar & Dr. Richa Yadav	Optimizations and Applications of Digital Filter
3	00305022016	Rupal Shukla	FT	Prof. Ashwini Kumar & Dr. Vandana Nirajan	Energy Efficiency Optimization and Performance Analysis through Cluster based Routing Protocols in WSN.

4	00405022016	Shikha Soni	FT	Prof. Ashwini Kumar & Dr. Vandana Niranjan	Low Power High Speed CMOS Amplifiers
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IV. (B.) Consequent upon the approval of the Research Plans of provisionally registered Ph.D students by respective DRCs, the following cases have been approved by URB for Final Registration as candidates in the Ph.D Programme of IGDTUW. w.e.f. 1st August, 2018.

CSE/IT/CA (Recommendation of 7th DRC (CSE/IT) dated 04/09/2018)					
S. No	Enrolment No.	Name	FT/ PT/ JRF	Name of the Supervisor/Joint Supervisor	Broad Area
1	00305012017	Tanu Gupta	JRF	Prof. Ela Kumar	Natural Language Processing
2	00405012017	*Najme Zehra Naqvi	PT	Dr. Seeja K.R.	Image Mining
3	00605012017	*Manasi Mishra	FT	Prof. S.R.N Reddy	IOT Protocols

*Final registration for these students has been approved by URB subject to the certification given by the student and recommended by the supervisor that the comments/ suggestions given by DRC have been incorporated.

ECE & MAE(Recommendation of 7 th DRC (ECE/MAE) dated 07/09/2018)					
S. No	Enrolment No.	Name	FT/ PT/ JRF	Name of the Supervisor/Joint Supervisor	Broad Area
1	00305022017	Pushpanjali Kumari	FT	Dr. Richa Yadav & Prof. S.R.N Reddy	Integrated, Configurable Internet of Things (IOT) test bed framework design and development
2	00405022017	Priya Singh	FT	Prof. Ashwini Kumar & Dr. Vandana Niranjan	Performance improvement of CMOS transimpedance Amplifier (TIA)
3	00105042017	Farheen Jahan	PT	Dr. Manoj Soni	High strain rate impact response of multi functional sandwich composites
4	00205042017	Aparna Jha	JRF	Dr. Manoj Soni	Intelligent grip control for MYOElectric upper limb prosthesis

AS&H (Recommendation of 7 th DRC (AS&H) dated 06/09/2018)					
S. No	Enrolment No.	Name	FT/ PT/ JRF	Name of the Supervisor/Joint Supervisor	Broad Area
1	00105122017	Ritu Chaudhari	FT	Dr. Chhaya Ravi Kant & Joint Supervisor Dr. Alka Garg	Synthesis of Polymer-Bismuth Tri-iodide Composites and their applications in Radiation detection at room temperature.
2	00205122017	Neha Goel	JRF	Dr. Dinesh Ganatra	Study of wavefront aberration using Zernike polynomials
3	00305122017	Pooja Singh	PT	Dr. Dinesh Ganatra	Resolution Enhancement and clustering using Fourier Domain and k-means
4	00105112017	Bharti Seth	JRF	Dr. Shalini Arora	Analytical study of the Indian Transport Sector using Data Envelopment Analysis

[Handwritten signatures of Prof. Ashwini Kumar, Dr. Vandana Niranjan, Dr. Dinesh Ganatra, Dr. Shalini Arora]

5	00105162017	Himani Sharma	JRF	Dr. Bhavya	A Comparative Study of Postmillennial fiction by Select SAARC writers
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V. The board approved Course Work exemption of Ms. Kanika Gupta (Enrolment No.00505032018) & Ms. Garima (Enrolment No.00305032018) on recommendation of 7th DRC (CSE/IT) dated 04/09/2018 as per details below:-

CSE/IT/CA						
S. No	Application No.	Name	FT/ PT/ JRF	Name of the Supervisor/Joint Supervisor	Courses exempted	Courses to be done
1	00505032018	Kanika Gupta	PT	Dr. Arun Sharma & Dr. A.K. Mohapatra	One Guide directed course and Research Methodology	One Guide directed course (Machine Learning) and Research Ethics
2	00305032018	Garima	JRF	Prof. R.K. Singh	Two Guide directed courses	Two compulsory course (Research Methodology and Research Ethics)

VI. URB members also deliberated on some points and recommended revision of the PhD Regulations to incorporate the below mentioned points :

- i. As per PhD regulation R12.1, the academic calendar of the PhD Programme is divided into two terms : **Term 1 :July to Dec and Term 2 : Jan to June** . DRC meetings should be held in a time bound manner at the end each term. The time frame for the conduct of DRC should be fixed as follows:-
 - **Term 1** : DRC meeting should be conducted between end of June to end of July.
 - **Term 2** : DRC meeting should be conducted between end of December and end of January
- ii. Examination Division may be requested to declare the results for the Ph.D Programme till mid June so that DRC of students for Final Registration can be conducted as per the time frame mentioned in pt.(i) .
- iii. A Ph.D student may be allowed to have only one supervisor and one joint supervisor at any time during her research.
- iv. The eligibility of Joint supervisor from outside IGDTUW was discussed in the light of improving the quality of research. The members suggested that a Jt. Supervisor from outside IGDTUW should have minimum 3 publications after completion of his/her Ph.D, out of which either atleast one publication should be in SCI indexed journal or 2 publications should be in SCOPUS indexed journals. Patents/ Book Chapters may be desirable. Guidelines for the eligibility of Jt. Supervisor from outside university in Applied Sciences & Humanities Department may be set after discussion at departmental level.
- v. A Joint Supervisor from outside IGDTUW shall submit the proforma form for Jt. Supervisor, his consent to be a Jt. Supervisor along with necessary documents for being approved as a Joint supervisor for a student.
- vi. For addition of a Jt. Supervisor, a student should give a write up to justify the role and contribution of the Jt. Supervisor leading to provision of facilities and value addition to her research work. The write up shall be duly recommended by both the supervisor and the proposed Jt. Supervisor.

Sharma *BKumar* *SA* *AKM* *SGS*

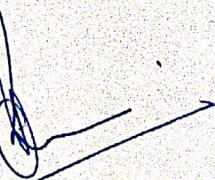
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- vii. Addition of joint supervisor should be permitted by DRC only upto one year after date of final registration of the student in the PhD Programme. However, this time frame for addition of Jt. Supervisor may be relaxed by the DRC in SPECIAL cases when supervisor goes on deputation / long leave due to any reasons /death / retires.
- viii. The slots for Joint Registration of a supervisor may be counted in accordance to the current UGC norms.

The meeting ended with thanks to the chair.



Dr. Richa Yadav

Ph.D Coordinator



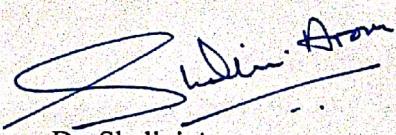
Dr. Chhaya Ravi Kant

Dy. Dean (R&C)



Dr. Nidhi Goel

HOD (ECE)



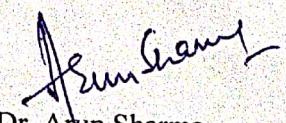
Dr. Shalini Arora

HOD (AS&H)



Dr. Manoj Soni

HOD (MAE)



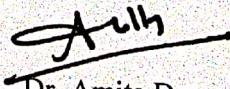
Dr. Arun Sharma

HOD (IT)



Prof. Ela Kumar

HOD (CSE)



Dr. Amita Dev

Hon'ble Vice-Chancellor, Chairperson