

Supporting Document: 3.1.4

3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.



Assessment Period: 2016 -2021





Revised IGDTUW Research Fellowship Scheme (JRF/SRF) 2017 (Effective from January 2017)

Research Wing Indira Gandhi Delhi Technical University for Women Kashmere Gate, Delhi-110006



REVISED IGDTUW RESEARCH FELLOWSHIP SCHEME (JRF/SRF) 2017 Terms and Conditions (Revised w.e.f 1st January 2017)

Indira Gandhi Delhi Technical University for Women may provide financial assistance as Junior Research Fellow (JRF) / Senior Research Fellow (SRF) to few Full Time Research Scholars registered in the Ph.D Programme. The JRFs/SRFs shall be distributed on the basis of need across all departments.

1.1 Fellowship Eligibility:

Junior Research Fellow(JRF) : A student who satisfies the Minimum Eligibility requirement as per the Ph.D Regulation R 1.2.3 of IGDTUW and has been duly recommended by the Selection Committee to be appointed as Junior Research Fellow (JRF). A student who is a continuing Full Time Research Scholar at IGDTUW and fulfills the Minimum Eligibility requirement of JRF at a later stage is eligible for award of JRF provided DRC finds her Research Progress satisfactory and recommends her case for award of JRF.

Senior Research Fellow : A JRF / a continuing Full Time Research Scholar who fulfills the minimum eligibility requirement of JRF and has 02 years of research experience at IGDTUW is eligible for award of SRF provided Review Committee/ DRC finds her Research Progress satisfactory and recommends her case for award of SRF.

1.2 Fellowship Amount

S. No	Fellowship for Ph.D Programme	Revised Fellowship (Per Month)
1.	Junior Research Fellow (JRF)	Rs. 25000/-
2.	Senior Research Fellow (SRF)	Rs. 28000/-

- **1.3 Progress Evaluation of JRF/SRF** : The award of fellowship shall be reviewed every semester based on the assessment of the Performance Report of the fellow by DRC. The DRC may recommend termination of the Fellowship in case the Performance Report of the Fellow is not found satisfactory consecutively for two semesters.
- **1.4 Upgradation of JRF to SRF**: The progress of the JRF shall be reviewed after two years by the DRC / Review Committee constituted by the Vice Chancellor for consideration of upgradation of fellowship to SRF. The fellow may be given SRF after 2 years if the Review Committee / DRC finds that the fellow has done considerable research progress and



recommends her case for upgradation to SRF. In case the Review Committee / DRC finds the work progress / Performance Report of JRF not satisfactory, the committee can recommend for continuation of the fellow as JRF or can recommend termination of the fellowship. The recommendation of the Review Committee / DRC with subsequent approval by Vice Chancellor shall be the final decision.

- **1.5 Tenure of Fellowship**: The tenure of fellowship is initially for two years under the JRF scheme. Upon expiry of this period, the work of the Fellow will be evaluated by experts. If the research work is found satisfactory, his/her tenure will be extended for a further period of three years under the enhanced emoluments of the Senior Research Fellowship (SRF). In case the work for the first two years is not found satisfactory, an additional year will be given to her for improvement. However, during this period she will be designated as a Junior Research Fellow. In such cases, work will be evaluated again after three years, and if progress is found satisfactory, the Fellow will get two more years under the SRF. Thus, the total period of fellowship (JRF and SRF) is five years and there is no further provision of extension.
- **1.6** All provisions of prevailing Ph.D. Ordinance/Regulations of IGDTUW shall be applicable on the JRFs/SRFs.
- **1.7** The JRFs/SRFs must submit a detailed consolidated report of the research work done during the entire period of Fellowship on completion of the tenure / resignation of the Fellowship to the Dean (R&C) at the earliest.
- 1.8 A JRF/SRF shall be governed by the disciplinary regulations of IGDTUW.
- **1.9** Sponsored students and students receiving any other financial assistance from any sources would not be eligible for fellowship under the IGDTUW JRF/SRF scheme.
- **1.10** The stipend of JRF/SRF is exempted from the payment of Income Tax under Section 10(16) of the Income Tax Act, 1961.

2.0 Service Conditions:

- **2.1 DA and CCA**: The JRFs/SRFs will not be entitled to these allowances.
- **2.2 House Rent Allowance (HRA):** JRFs/SRFs may be provided hostel accommodation if available and those residing in accommodation provided by the university will not be eligible for drawing HRA. Wherever provision of hostel accommodation is not possible, HRA may be allowed to the JRFs/SRFs as per the Government norms applicable in the city /location where they are working. The fellowship amount may be taken as basic for calculating the HRA
- **2.3 Leave and other Entitlement Benefits:** The JRFs/ SRFs are eligible only for casual leave. Participation by them in any scientific event/workshop in India or abroad will be treated as 'Duty'. The travel entitlement for JRF /SRF for participation in scientific events/workshops in India will be by 2nd AC by rail. Maternity Leave as per Government of India instructions



issued from time to time would be available to female candidates in both JRF/SRF categories. All leave record of JRFs/SRFs shall be maintained by the HOD office.

- 2.4 Bonus and Leave Travel Concessions: JRFs/ SRFs will not be entitled to these allowances.
- 2.5 Retirement Benefits: JRFs/ SRFs will not be entitled to these benefits.
- **2.6** The award of JRF/SRF shall not entitle the student to claim any right whatsoever for any job in the institution.

3.0 Obligations of JRF/SRF:

- **3.1** JRF/SRF shall be required to engage teaching/practical classes at IGDTUW for upto 08 hours /week or any other load assigned by the HOD. In addition, the JRF/SRF shall undertake other academic assignments such as examination, invigilation, evaluation etc.
- **3.2** The JRF/SRF shall pay the fee as per University norms.
- 3.3 The JRF/SRF shall mark their regular attendance in their Department.
- **3.4** The JRF/SRF shall not take any assignment paid or unpaid outside the university.
- **3.5** The JRF/SRF may present/publish their research work in conferences or standard referred journals. It should be ensured by the JRF/SRF that the assistance provided by IGDTUW is acknowledged in all such presentations/ publications. A copy each of all research papers published by the JRF/SRF must be sent to the office of Dean (R&C) at the end of each semester.
- **3.6** The JRF must send a detailed consolidated report of the research work done during the entire period of the fellowship on completion of the tenure/resignation of the fellowship through the supervisor/HOD to the office of Dean (R&C). The fellow should submit **NO DUES CERTIFICATE** through the supervisor/HOD after completion of the fellowship.
- **4.0 Resignation from Fellowship** : If a JRF/SRF resigns from the fellowship due to any reasons, the fellowship shall be deemed withdrawn, however she may be allowed to continue as a Full Time Ph.D Scholar on the recommendation of DRC and subsequent approval of Vice Chancellor. The fellow may be allowed to convert to Part Time Research Scholar provided she fulfills the eligibility for conversion to Part Time as per Ph.D regulation R5.3

5.0 Termination of Fellowship

- (i) The fellowship shall normally stand terminated on completion of its tenure or from the date the JRF/SRF resigns. The Fellowship may be terminated by the University on the recommendation of the DRC.
- (ii) The fellowship may also be terminated on the following grounds :



- (a) Disciplinary grounds/misconduct/Plagiarism Instance
- (b) Unsatisfactory progress of research work for two consecutive semesters
- (c) Candidate found ineligible for fellowship at any later stage shall deposit the entire fellowship amount claimed by the fellow in the university.
- (iii) The fellowship will be terminated from the date of submission of thesis for the award of Degree of Ph.D or on completion of fellowship tenure whichever is earlier.
- (iv) If a JRF/SRF leaves without permission at any time, she shall not be paid the fellowship for the period of her service till such time she gets a No Dues Certificate from the Head of the department.
- (v) Taking up of any paid assignment by JRF/SRF outside the university at any time in the tenure of fellowship, may lead to the termination of fellowship and the JRF/SRF shall be asked to pay back the entire fellowship amount.
- (vi) JRF/SRF must settle their claims within one year of leaving the Fellowship. No claim will be admitted by University after one year of leaving the Fellowship.

6.0 REIMBURSEMENT OF FELLOWSHIP

- (i) The JRF/SRF Fellowship Claim form in Annexure A shall be duly signed by the supervisor and countersigned by the HOD for reimbursement purpose.
- (ii) The JRF/SRF shall maintain a fellowship register for all fellowship claim purposes



ANNEXURE- A

Ph.D FELLOWSHIP CLAIM FORM

JUNIOR RESEARCH FELLOWSHIP/SENIOR RESEARCH FELLOWSHIP FORM

- 1. Name of the Awardee :
- 2. Enrolment No. :
- 3. Department :
- 4. Name of Fellowship Scheme (JRF/SRF) :
- 5. Date of Joining the Current Fellowship Scheme :
- 6. Period of fellowship last claimed :
- 7. Period for which fellowship is claimed :
- 8. Amount of Fellowship claimed :
- 9. HRA Claimed (If Any) :
- 10. Total Amount of Fellowship + HRA Claimed :

Signature of Student with date

Signature of Supervisor

Signature of HOD with Seal



ANNEXURE- B

H. R. A. Certificate

I,	Ms	Enrolment	No.	am	staying
ind	ependently/in a rented house and	d am paying l	house	Rent of Rs and I am	eligible
to c	lraw House Rent Allowance.				

Signature of JRF/SRF



ANNEXURE C

JOINING REPORT

JUNIOR RESEARCH FELLOWSHIP/SENIOR RESEARCH FELLOWSHIP

I,hereby join as Junior Research Fellow/Senior Research Fellow in the Ph.D Programme in Department of with effect from.....(F.N./A.N.). I fully accept the Terms and Conditions of the Fellowship offer.

Signature & Name of the Awardee

Signature of Supervisor

Signature of HOD





Revised IGDTUW Research Fellowship Scheme (JRF/SRF) 2019 (Effective from Academic Year 2019)

Research Wing Indira Gandhi Delhi Technical University for Women Kashmere Gate, Delhi-110006



REVISED IGDTUW RESEARCH FELLOWSHIP SCHEME (JRFs/SRFs) 2019 Terms and Conditions

(Approved in IX Academic Council dt. 26th October, 2018 and IX Board of Management dt. 06th May, 2019 and shall be applicable to all IGDTUW JRFs/SRFs from the academic session 2019 onwards)

Indira Gandhi Delhi Technical University for Women may provide financial assistance as Junior Research Fellow (JRF) / Senior Research Fellow (SRF) to few Full Time Research Scholars registered in the Ph.D Programme. The JRFs/SRFs shall be distributed on the basis of need across all departments.

1.1 Fellowship Eligibility:

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Senior Research Fellow : A JRF / a continuing Full Time Research Scholar who fulfills the minimum eligibility requirement of JRF and has 02 years of research experience at IGDTUW is eligible for award of SRF provided Review Committee/ DRC finds her Research Progress satisfactory and recommends her case for award of SRF.

1.2 Fellowship Amount

S. No	Fellowship for Ph.D Programme	Revised Fellowship (Per Month)
1.	Junior Research Fellow (JRF)	Rs. 25000/-
2.	Senior Research Fellow (SRF)	Rs. 28000/-



- **1.3 Progress Evaluation of JRF/SRF** : The award of fellowship shall be reviewed every semester based on the assessment of the Performance Report of the fellow by DRC. The DRC may recommend termination of the Fellowship in case the Performance Report of the Fellow is not found satisfactory consecutively for two semesters.
- **1.4 Upgradation of JRF to SRF**: The progress of the JRF shall be reviewed after two years by the DRC / Review Committee constituted by the Vice Chancellor for consideration of upgradation of fellowship to SRF. The fellow may be given SRF after 2 years if the Review Committee / DRC finds that the fellow has done considerable research progress and recommends her case for upgradation to SRF. In case the Review Committee / DRC finds the work progress / Performance Report of JRF not satisfactory, the committee can recommend for continuation of the fellow as JRF or can recommend termination of the fellowship. The recommendation of the Review Committee / DRC with subsequent approval by Vice Chancellor shall be the final decision.
- **1.5 Tenure of Fellowship**: The tenure of fellowship is initially for two years under the JRF scheme. Upon expiry of this period, the work of the Fellow will be evaluated by experts. If the research work is found satisfactory, his/her tenure will be extended for a further period of three years under the enhanced emoluments of the Senior Research Fellowship (SRF). In case the work for the first two years is not found satisfactory, an additional year will be given to her for improvement. However, during this period she will be designated as a Junior Research Fellow. In such cases, work will be evaluated again after three years, and if progress is found satisfactory, the Fellow will get two more years under the SRF. Thus, the total period of fellowship (JRF and SRF) is five years and there is no further provision of extension.
- **1.6** All provisions of prevailing Ph.D. Ordinance/Regulations of IGDTUW shall be applicable on the JRFs/SRFs.
- **1.7** The JRFs/SRFs must submit a detailed consolidated report of the research work done during the entire period of Fellowship on completion of the tenure / resignation of the Fellowship to the Dean (R&C) at the earliest.
- **1.8** A JRF/SRF shall be governed by the disciplinary regulations of IGDTUW.
- **1.9** Sponsored students and students receiving any other financial assistance from any sources would not be eligible for fellowship under the IGDTUW JRF/SRF scheme.
- **1.10** The stipend of JRF/SRF is exempted from the payment of Income Tax under Section 10(16) of the Income Tax Act, 1961.

2. Service Conditions:

- **2.1 DA and CCA**: The JRFs/SRFs will not be entitled to these allowances.
- **2.2 House Rent Allowance (HRA):** JRFs/SRFs may be provided hostel accommodation if available and those residing in accommodation provided by the university will not be eligible for drawing HRA. Wherever provision of hostel accommodation is not possible,



HRA may be allowed to the JRFs/SRFs as per the Government norms applicable in the city /location where they are working. The fellowship amount may be taken as basic for calculating the HRA

2.3 Leave Entitlement:

- i. A JRF/SRF will be entitled to avail leave for 30 days per academic year including medical leave. She will not be entitled to summer and winter vacations.
- Leave beyond the stipulated period in an academic year may be granted in exceptional cases, by the DRC for additional 30 days, on recommendation of supervisor. However, such an extension shall be granted only once during the entire programme of the Scholar.
- iii. The JRF/SRF will be eligible for Maternity Leave prescribed by Govt. of NCT of Delhi. The candidates getting fellowship will be eligible for Maternity Leave with fellowship as per rules and regulations prescribed by Govt. of NCT of Delhi.
- iv. The leave period shall be counted in the total period required for submission of the thesis stipulated in IGDTUW Ph.D Regulations.
- v. A JRF/SRF may be permitted to take a "Semester Break" on medical grounds with due recommendation of the supervisor and approval from the DRC. The leave period shall be counted in the total period required for submission of the thesis stipulated in IGDTUW Ph.D Regulations.
- vi. Participation by JRF/SRF in any scientific event/workshop in India or abroad will be treated as 'Duty'.
- vii. All leave record of JRFs/SRFs shall be maintained by the HOD office.
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- 2.5 Retirement Benefits: JRFs/ SRFs will not be entitled to these benefits.
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published by the JRF/SRF must be sent to the office of Dean (R&C) at the end of each semester.

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- (ii) The fellowship may also be terminated on the following grounds :
 - (a) Disciplinary grounds/misconduct/Plagiarism Instance
 - (b) Unsatisfactory progress of research work for two consecutive semesters
 - (c) Candidate found ineligible for fellowship at any later stage shall deposit the entire fellowship amount claimed by the fellow in the university.
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- (v) Taking up of any paid assignment by JRF/SRF outside the university at any time in the tenure of fellowship, may lead to the termination of fellowship and the JRF/SRF shall be asked to pay back the entire fellowship amount.
- (vi) JRF/SRF must settle their claims within one year of leaving the Fellowship. No claim will be admitted by University after one year of leaving the Fellowship.

6. REIMBURSEMENT OF FELLOWSHIP

- **i** The JRF/SRF Fellowship Claim form in Annexure A shall be duly signed by the supervisor and countersigned by the HOD for reimbursement purpose.
- **i.** The JRF/SRF shall maintain a fellowship register for all fellowship claim purposes



Timelines for Release of Fellowship to JRFs

- Biometric Attendance Record submission by System Analyst to Research Wing: on 1st of every month.
- Submission of Claim Form to the Academic Branch with all supporting documents attached in the student Personal File: Latest by 5th of every month.
- Document Verification approval and issue of Sanction Order by Academic Branch: Latest by 10th of every month.
- Release of Payment by Accounts Branch to the Student's Bank Account: Latest by 15th of every month.



Ph.D FELLOWSHIP CLAIM FORM

JUNIOR RESEARCH FELLOWSHIP/SENIOR RESEARCH FELLOWSHIP FORM

- 1. Name of the Awardee :
- 2. Enrolment No. :
- 3. Department :
- 4. Name of Fellowship Scheme (JRF/SRF) :
- 5. Date of Joining the Current Fellowship Scheme :
- 6. Period of fellowship last claimed :
- 7. No. of Leaves for claim month..... Already Availed Leaves......Leave Balance.....
- 8. Period for which fellowship is claimed :
- 9. Amount of Fellowship claimed:
- 10. HRA Claimed (If Any) :
- 11. Total Amount of Fellowship + HRA Claimed :

Undertaking: I hereby give an undertaking that I am not taking any fellowship/financial assistance from any other sources.

Signature of Student with date

Signature of Supervisor



(For Students staying in Independent/Rent house)

UNDERTAKING FOR H. R. A.

I, Ms..... am staying in

IGDTUW Hostel/not staying in Hostel (Strike whichever is not applicable).

whichever is not applicable) for the month of

*(Please attach Hostel Fee Receipt)

Signature of JRF/SRF

Verified by Supervisor



PROFORMA FOR RESEARCH OUTCOMES FOR JRFs/SRFs FOR THE MONTH OF ______FOR RELEASE OF SCHOLARSHIP

1. Student details:

Name of the Student	
Enrollment No.	

2. Publications:

(i) Journals:

(ii) Conferences Publications

(iii) Conferences /Workshops/Seminars etc Attended:

3. Research Progress Outcomes:



- 4. Contribution
 - (i) Teaching Load
 - (ii) Any other departmental Activities

Remarks of Supervisor with Signature

Signature of Student





Revised IGDTUW Research Fellowship Scheme (JRF/SRF) 2020 (Effective from January 2019)

Research Wing Indira Gandhi Delhi Technical University for Women Kashmere Gate, Delhi-110006



REVISED IGDTUW RESEARCH FELLOWSHIP SCHEME (JRFs/SRFs) 2020 Terms and Conditions

(Revised on lines of UGC Notification F. No. 11-5/2018(SA-l) dt. 3rd June, 2019 and approved by XI Board of Management dt. 11th August, 2020)

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1.2 Fellowship Amount

- **1.3 Progress Evaluation of JRF/SRF** : The award of fellowship shall be reviewed every semester based on the assessment of the Performance Report of the fellow by DRC. The DRC may recommend termination of the Fellowship in case the Performance Report of the Fellow is not found satisfactory consecutively for two semesters.
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JUNIOR RESEARCH FELLOWSHIP/SENIOR RESEARCH FELLOWSHIP FORM

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- 2. Enrolment No.:
- 3. Department :
- 4. Name of Fellowship Scheme (JRF/SRF) :
- 5. Date of Joining the Current Fellowship Scheme :
- 6. Period of fellowship last claimed :
- 7. No. of Leaves during claim month...... Leaves Already Availed.....Balance of Leave....
- 8. Period for which fellowship is claimed :
- 9. Amount of Fellowship claimed :
- 10. HRA Claimed (If Any) :
- 11. Total Amount of Fellowship + HRA Claimed :

Undertaking: I hereby give an undertaking that I am not taking any fellowship/financial assistance from any other sources.

Note: Enclose the attendance sheet of the month of claim.

Signature of Student with date

Unsatisfactory/Satisfactory/Good/Very Good/ Excellent Please tick $\sqrt{}$

Verified by Supervisor with Signature



(For Students staying in Independent/Rent house)

UNDERTAKING FOR H. R. A.

I, Ms..... am staying in IGDTUW

Hostel/not staying in Hostel (Strike whichever is not applicable).

I may be paid / reimbursed Hostel Fee* of Rs./HRA of Rs. (Strike whichever is

not applicable) for the month of

*(Please attach Hostel Fee Receipt)

Signature of JRF/SRF

Verified by Supervisor with Signature



PROFORMA FOR RESEARCH OUTCOMES FOR JRFs/SRFs FOR THE MONTH OF ______FOR RELEASE OF SCHOLARSHIP

1. Student details:

Name of the Student	
Enrollment No.	

2. Publications (attach supporting documents)

(i) Journals:

(ii) Conferences Publications

(iii) Conferences /Workshops/Seminars etc Attended:

- 3. Research Progress Outcomes (attach supporting documents)
- 4. Contribution (attach supporting documents)(i) Teaching Load
 - (ii) Any other departmental Activities

Signature of Student

Unsatisfactory/Satisfactory/Good/Very Good/ Excellent Please tick $\sqrt{}$



Remarks:

Verified by Supervisor and Signature

Unsatisfactory/Satisfactory/Good/Very Good/ Excellent Please tick $\sqrt{}$

Remarks:

Verified by HOD with signature

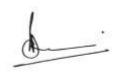


	List of Ph.D Students 2016-2017								
S. N 0	Enrolment No.	Name	FT/PT / JRF	E-mail	Supervisor	Area of Specialization/ Title			
	l	Department	of Elect	ronics & Com	nunication Enginee	ering			
1	00305022016	RUPAL SHUKLA	FT	shuklarupal301 1@gmail.com	Prof. Ashwni Kumar Co-Supervisor- Dr. Vandana Niranjan	Energy Efficiency Optimization and Performance Analysis through Cluster based Routing Protocols in WSN.			
2	00405022016	SHIKHA SONI	FT	soni.20shikha @gmail.com	Prof. Ashwni Kumar Co-Supervisor- Dr. Vandana Niranjan	Low Power High Speed CMOS Amplifiers			
		Departmen	t of Me	chanical & Au	tomation Engineeri	ng			
1	00405042016	TULSI CHOUHAN	PT	tulsihchouhan @gmail.com	Dr. Manoj Soni	Micro Ceramic Nano Silica Reinforced Hybrid Aluminium Matrix Based Composites for High Strain Rate Applications			
		Depart	ment of	Applied Scien	ces & Humanities				
				Physics					
1	00105122016	RASHMI CHAURASI YA	FT	rashmichaurasi ya783@gmail. com	Dr. Dinesh Ganotra	Reflection removable in images with deep learning neural networks			
2	00205122016	RITU GOEL	FT	goelritu1991@ gmail.com	Dr. Chhaya Ravi Kant & Prof. Ranjana Jha	Enhancement of Photocatalytic and Electro catalytic Properties of Nio for Solar Photovoltaics			
				Mathematics					
1	00105112016	DEEBA NAQVI	PT	dzmh19@gmai l.com	Dr.Geeta Sachdev & Dr. Abha Aggarwal, USBAS, GGSIPU	On Some Multiobjective Programme Problems under Fuzzy Environment			



			List o	f Ph.D Student	ts 2017-2018			
S. N 0	Enrolment No.	Name	FT/P T/ JRF	Email Id	Proposed Supervisor & co- supervisor	Area of Specalization/Title		
Department of Computer Science and Engineering								
1	00105012017	Smita	FT	26.smita@gma il.com	Prof. Ela Kumar	Persistent Storage and Query of Ontology in Relational Database		
2	00305012017	Tanu Gupta	PT	tanu92gupta@ gmail.com	Prof. Ela Kumar	Natural Language Processing		
3	00405012017	Nazme Zehra Naqvi	PT	nznaqvi.igit@g mail.com	Dr. Seeja K.R.	Image Mining		
4	00605012017	Manasi Mishra	FT	manasimishra1 0@gmail.com	Prof. S.R.N. Reddy	IOT Protocols		
		D	epartmo	ent of Information	tion Technology			
1	00105032017	Charu Gupta	Part Time	charugupta@ig dtuw.ac.in	Prof. R.K. Singh & Dr. A.K. Mohapatra	Enhancing Software Security using Security Patterns		
	Ι	Departmen	t of Elec	ctronics & Con	nmunication Eng	gineering		
1	00205022017	Pooja Pandey	Full Time	pan_pooja19@ yahoo.co.in	Dr. Nidhi Goel & Dr. Rashmi Gupta (Co- supervisor), AIACTR	Image Enhancement Method for Foggy Image		
2	00305022017	Pushpanja li Kumari	Full Time	20PUSHP@G MAIL.COM	Dr. Richa Yadav & Prof. S.R.N Reddy	Integrated, Configurable Internet of Things (IOT) test bed framework design and development		
3	00405022017	Priya Singh	Full Time	priyasingh0208 90@gmail.com	Prof. Ashwini Kumar & Dr. Vandana Niranjan	Performance improvement of CMOS transimpedance Amplifier (TIA)		
		Departme	ent of M	lechanical & A	utomation Engir			
1	00105042017	Farheen Jahan	FT	jahan.farheen5 273@gmail.co m	Dr. Manoj Soni	High strain rate impact response of multi functional sandwich composites		
2	00205042017	Aparna Jha	SRF	jhaaparna1006 @gmail.com	Dr. Manoj Soni & Prof. Mohd. Suhaib, ME deptt.m JMI	Intelligent grip control for MYOElectric upper limb prosthesis		
		Depa	rtment	of Applied Scie	ences & Humanit	ies		
				Physics				

1	00105122017	Ritu Chaudhari	JRF	tewatia.ritu6@ gmail.com	Dr. Chhaya Ravi Kant & Dr. Alka Garg, Associate Prof., Gargi College	Synthesis of Polymer- Bismuth Tri-iodide Composites and their applications in Radiation detection at room temperature.
2	00205122017	Neha Goel	FT	neha.goel22oct @gmail.com	Dr. Dinesh Ganotra	Study of wavefront aberration using Zernike polynomials
3	00305122017	Pooja Singh	Part Time	pujasingh0409 @gmail.com	Dr. Dinesh Ganotra	Resolution Enhancement and clustering using Fourier Domain and k-means
				Mathemati	CS	
1	00105112017	Bharti Seth	FT	bhartikalra.iitd @gmail.com	Dr. Shalini Arora & Dr. Punita saxena, Associate Prof., Shaheed Rajguru College of Applied Sciences for Women, University of Delhi	Analytical study of the Indian Transport Sector using Data Envelopment Analysis
				English		
1	00105162017	Himani Sharma	SRF	hmnshrm07@g mail.com	Dr. Bhavya	A Comparative Study of Postmillennial fiction by Select SAARC writers





-			List of	Ph.D Students 201	8-2019	
S. N 0	Enrolment No.	Name	FT/PT	Email Id	Proposed Supervisor & co- supervisor	Area of Specalization/ Title
		Depa	rtment of	f Computer Science an	d Engineering	
1	00105012018	Alina Banerjee	PT	alina.chak@gmail.com	Prof. Ela Kumar, Joint Supervisor: Dr. M. Ravinder	Artificial Intelligence Inspired Framework for Content Based Multimedia Retrieval
2	00205012018	Kavya Gupta	FT	gupta.kavya12@gmail.c om	Prof. D.K. Tayal	Data Fusion in IoT using Soft Computing Techniques
3	00305012018	Divya Arora	FT	divya.nasa.jul@gmail.co m	Prof. D.K. Tayal Joint Supervisor: Dr. Sumit Kr. Yadav	Solving Uncertainty for Sentiment Analysis using Approximation Theories
4	00405012018	Anu Yadav	PT	noor4anisha@gmail.co m	Prof. Ela Kumar	Object Classification and Localization Based on Deep Learning
				ent of Information Te	chnology	_
1	00105032018	PRITI BHARDW AJ	PT	pritibhardwaj2020@gma il.com	Dr. Niyati Baliyan	Personalized treatment recommender system
2	00205032018	Garima Jaiswal	SRF IGDTU W	GARIMA121@GMAIL. COM	Dr. Arun Sharma, Joint Supervisor: Dr. Sumit Kr. Yadav	Efficient classification approach for large datasets
3	00305032018	Garima	JRF IGDTU W	gari.software.eng@gmai l.com	Prof. R. K. Singh	Improvement in Quality of Service for Passive optical Network
4	00405032018	Saumya Bansal	SRF (UGC)	saumya.mcs.du.2015@g mail.com	Dr. Niyati Baliyan	Recommender System for Large Scale Data
5	00505032018	Kanika Gupta	PT	kanikagupta_728@yaho o.in	Dr. Arun Sharma, Joint Supervisor: Dr. A.K. Mohapatra	Speech Based Gender and Age Classification
		Departm	ent of Ele	ectronics & Communic	cation Engineering	
1	00105022018	Vidhi Bishnoi	SRF IGDTU W	vidhibishnoi@gmail.co m	Dr. Nidhi Goel, Joint supervisor Dr. Akash Tayal	Medical Image Processing

2	00205022018	Harshita Prasad	FT	itsmeharshitaa@gmail.c om	Prof. Ashwni Kumar	Performance improvement of amplifiers for biomedical applications
3	00305022018	Ragini Sharma	PT	ragini.mits@gmail.com	Dr. Vandana Niranjan	Antenna Design
4	00505022018	Swati	PT	siddhu.swati@gmail.co m	Dr. Jasdeep Kaur Dhanoa	VLSI
5	00605022018	Pragya Srivastava	PT	pragyasrivastava.19jun @gmail.com	Dr. Richa Yadav & Dr. Richa Srivastava, ECE, KIET, Ghaziabad	Low Power Digital Circuits with Enhanced Performance at Nanoscale
6	00705022018	Reshma Sinha	PT	reshma.sinha16@gmail. com	Dr. Jasdeep Kaur Dhanoa	VLSI in Biomedical Applications
7	00905022018	Ritu Kandari	SRF IGDTU W	RITUKANDARI_ARIE S@YAHOO.COM	Prof. Ashwni Kumar, Joint supervisor Dr. Pankaj Gupta	Power Systems
8	01005022018	Shraddha Sood	РТ	miniaish22@rediffmail. com	Dr. Vandana Niranjan	Filter Design using substrate Integrated Circuits
9	01105022018	Annu Dabas	PT	annudabas1988@gmail. com	Dr. Richa Yadav	VLSI
10	01205022018	Manik	FT	mjatyan48@gmail.com	Prof. Ashwni Kumar, Joint supervisor Dr. Pankaj Gupta	VLSI
11	01505022018	Annu Dagar	PT	annudagar@msit.in	Dr. Vandana Niranjan, Joint supervisor Dr. Pankaj Gupta	Power System
12	01605022018	Jigyasa Nayak	PT	jigyasa2201@rediffmail. com	Dr. Jasdeep Kaur Dhanoa, Joint supervisor Dr. Akash Tayal	Digital Signal Processing
13	01705022018	Garima	PT	1592garima@gmail.com	Dr. Nidhi Goel	Medical Image Processing
	·	Departi	nent of M	echanical & Automati	ion Engineering	
1	00105042018	Shikha Parashar	PT	parasharshikha99@gmai l.com	Dr. Pankaj Tomar	Study and analysis of physical properties for kenaf and Coir based hybrid composite
2	00205042018	Tanvi Saxena	PT	tanvisaxena1@gmail.co m	Dr. Pankaj Tomar	Study and evaluation of physical properties for banana and rubber based hybrid composite

3	0405042018	Divya Chandra	PT	divya.chand@gmail.com	Dr. N. R. Chauhan	Evaluation of Mechanical And Tribological Properties of Developed Ceramic Coating on Magnesium AZ31 Alloy
4	00505042018	Sonali Panda	PT	sonalee301@gmail.com	Dr. Manoj Soni	Study on Porous Titanium for Weight Reduction of Structural Members
5	00605042018	Payal Sharma	PT	payal_sharma91@hotma il.com	Dr. N.R.Chauhan	Experimental Investigation of Alumina Nanoparticle Blended with Diesel and Alcohol based Biodiesel as an Alternative Fuel for IC Engine
		Dej	partment	of Applied Sciences &	Humanities	
				Physics		
1	00105122018	Deepa Kumari	JRF IGDTU W	deepaahirwar633@gmai l.com	Dr. Chhaya Ravi Kant & Dr. Ravinder Pal, Scientist G, DRDO Delhi	Study of biosensing properties of metal oxide and carbon based nanostructures
				Chemsitry		
1	00105132018	Roopa Kumari	PT	roopa.duchem@gmail.c om	Dr. Ranu Gadi	Synthesis of metal organic frameworks (MOFs)- derived nano structures and their applications for sensing and removal of volatile organic compounds from indoor air
				English		
1	00105162018	Komal	JRF IGDTU	komalrana0519@gmail. com	Dr. Bhavya	A Comparative Study of Partition fiction:





List of Ph.D Students 2019-2020						
S. N 0	Enrollment No.	Name of the Student	FT/PT/ IGDTU W JRF	Email id	Name of Supervisor	Area of Specalization/ Title
Department of Computer Science and Engineering						
1	00105012019	Vaishali Gupta	PT	vaishaliagraw@gm ail.com	Prof. Ela Kumar	An Enhanced Machine Learning Framework For India's Trade Intelligence
2	00205012019	Nidhi Aggarwal	FT	<u>nidhiagarwal82@g</u> <u>mail.com</u>	Dr. Devendra K. Tayal	Multi Criteria Decision Making Approaches and Hybrid Ensemble Techniques for improving quality of education
3	00305012019	Rishika Anand	JRF	rishikaanand30@g mail.com	Dr. SRN Reddy	Early Detection of Congenital Heart Diseases In Rural Areas using Machine Learning & Deep Learning
4	00405012019	Deepika Suhag	FT	deepikasuhag08@g mail.com	Dr. Vivekanand Jha	Approach towards Privacy Preserving Task Allocation and Quality Aware Incentive Mechanism for Mobile Crowdsensing Systems
Department of Information Technology						
1	00105032019	Pooja Gambhir	IGDTUW JRF	poojagambhir01@g mail.com	Dr. Amita Dev	Speech recognition and speaker identification for Hindi Language using Deep Learning
2	00305032019	Ruchika Bala	PT	ruchikabala@gmail. com	Dr. Arun Sharma	Early Detection of diabetic retinopathy using Machine Learning
3	00405032019	Dimple Sethi	IGDTUW JRF	dimple9203@gmail .com	Dr. Sourabh Bharti	Gait Analysis
Department of Electronics & Communication Engineering						
1	00105022019	Jasmine Chhikara	РТ	jasmine.chhikara@ gmail.com	Dr. Nidhi Goel	Medical Image Analysis for Diagnosis of Cancer

2	00205022019	Monika Kaushik	PT	kaushikmonika52@ gmail.com	Dr. Jasdeep Kaur	Implementation of Wideband MIMO Antenna for Sub-6 GHz Applications
3	00305022019	M. Tirupathamm a Mudavath	PT	<u>tirupathamma.jntu</u> @gmail.com	Dr. Vandana Niranjan	Analysis and Recognition of Thermal Images in Adverse Weather Conditions
4	00405022019	Shashibala Agarwal	PT	<u>shashibala.agarwal</u> @gmail.com	Dr. Maria Jamal	Modeling, Propagation and Identification of Mental Stress
5	00505022019	Manjari Gautam	PT	<u>manjari.bsnl@gmai</u> <u>l.com</u>	Dr. Maria Jamal	Enhanced Performance Analysis of PV Module under various shading conditions
6	00605022019	Ruby Mann	PT	rubymann1610@g mail.com	Dr. Shobha Sharma	Modeling, Simulation, Characterization of High Electron- Mobility Transistor (HEMT)
7	00705022019	Neeraj	FT	deepakyadavdmrc @gmail.com	Dr. Pankaj Gupta	Data Driven Approach for Resilient Operation of Microgrid
8	00805022019	Supriya Sharma	PT	ssharma0026@gma il.com	Dr. Pankaj Gupta	Dynamic Energy Management of Grid Tied Microgrid
9	00905022019	Isha Malhotra	FT	ece09220.sbit@gm ail.com	Dr. Akash Tayal	Dynamics of infectious Diseases- Modeling and Impact
10	01005022019	Shilpa Garg	PT	<u>Shilpa.sharma@jag</u> <u>annath.org</u>	Dr. Richa Yadav	Optimal Designing of Digital Fractional order systems
		Depart	ment of Aj	pplied Sciences & 1	Humanities	
				Chemistry		
1	00105132019	Shobhna Shankar	IGDTUW JRF	shobhnashankar11 @gmail.com	Dr. Ranu Gadi	Studies on Chemical and Morphological Characteristics of ambient aerosols over the NCR of India

2	00205132019	Aishwarya	IGDTUW	kamalkala316@gm	Dr, Bhavani	Synthesis of
		Singh	JRF	<u>ail.com</u>	Prasad	Graphitic carbon
						nitride (g-C ₃ N ₄)/
						Metal/ metal
						hydroxide
						Nanocomposites and
						studies on
						Photocatalytic and
						antimicrobial
						applications
				Mathematics		
	Γ	Γ	Γ			
1	00105112019	Aakanksha	PT	<u>AAKANKSHA.SI</u>	Dr. Shalini	On finding solution
		Singh		NGH1101@GMAI	Arora	for various types of
				<u>L.COM</u>		transportation
						problems

<u>.</u>



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		List o	of Ph.D Studen	nts Winter Se	ssion 2019-20	20
S. N o	Enrollment No.	Name of the Student	FT/PT/IGDT UW JRF	Email id	Name of Supervisor	Area of Specalization/Title
		Depart	ment of Comp	outer Science	and Enginee	ring
1	05105012019	Divanshi Priyadar shi Wangoo	IGDTUW JRF	<u>divanshi.wan</u> goo@gmail.c om	Prof. S.R.N. Reddy	An Integrated Framework For An Intelligent Multimodal and Multisensing Learning Analytics For Cognitive Assessment
2)5205012019	Divya Joshi	IGDTUW JRF	divya.joshi82 @gmail.com	Dr. Vivekanand Jha	Exploiting Sink Mobility Management for Energy Efficient Wireless Sensor Networks
3)5305012019	Arti Ranjan	PT	arti.ranja@g mail.com	Dr. Ravinder M	Development of an Optimized System for Indoor and Outdoor Blurred Images
4	05405012019	Kiran Malik	PT	<u>kiranmalik04</u> <u>01@gmail.co</u> <u>m</u>	Dr. Ravinder M	Designing Imperceptible High Payload Capacity Steganography Framework in Post Quantum Encrypted Domain using Deep Hierarchical Feature Learning
		Ľ	epartment of	Information '	Technology	
1	05105032019	Shweta	IGDTUW JRF	mittalshweta official@gma il.com	Dr. Mohona Ghosh	Security Aspects of Blockchain in Healthcare domain
2)5205032019	Monalis a Panigrah i	IGDTUW JRF	saytomona@ gmail.com	Dr. Sourabh Bharti	Edge-Enabled Federated Learning
	D	epartmen	nt of Electroni	cs & Commu	nication Engi	ineering
1)5105022019	Surbhi Bharti	FT	surbhibharti6 440@gmail.c om	Prof. Ashwni Kumar	Improvement of Quality of Service Parameters of Memories for Multimedia Applications
2)5205022019	Neha Vaish	PT	<u>nehavaish6@</u> gmail.com	Dr. Nidhi Goel	Aspect based Sentiment Analysis using Machine Learning

3)5305022019	Anushre e	PT	anushree.ece @gmail.com	Dr. Jasdeep Kaur	Designing and Performance Improvement of bandgap reference circuit
4)5405022019	Neeraj	PT	<u>s.neerumalik</u> @gmail.com	Dr. Shobha Sharma	Modeling and Simulation Characterization of nanowire (GAA) Field Effect Transistor
5)5505022019	Geetanja li Ralh Singh	FT	<u>geetanjali.ral</u> <u>hsingh@gma</u> <u>il.com</u>	Dr. Shobha Sharma	Reliability Assessment and health monitoring of electronic components using Machine Learning
		Departm	ent of Mechar	nical & Auton	nation Engine	eering
1)5105042019	Ekta Yadav	FT	ektabhinda@ gmail.com	Dr. Vivek Chawla	Development and Assessment of Grewia Optiva Reinforced Polyurethane Composite
2)5205042019	Kanika Gupta	FT	guptakanika8 <u>6@gmail.co</u> <u>m</u>	Dr. N. R. Chauhan	A Study on Pre-Fault Detection in Rotating Elements by Using Advanced Techniques and their Analysis

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			List of F	h.D Student	s 2020-2021	1				
	Department of Computer Science and Engineering									
S. N o	Application No.	Name of the Student	FT/PT/JR F	Email id	Name of Supervisor	Area of Specalization/Title				
1	00205012020	Rajni Sharma	IGDTUW JRF	rajnisharma.hp @gmail.com	Dr. Ravindra M.	Design and Development of Intelligent Multidimensional Image Enhancement Techniques				
2	00305012020	Yashima Hooda	FT	yashimahooda 1997@gmail.c om	Prof. Devendra.K Tayal	Personalised Query expansion in Information retrieval using hybrid data sources				
3	00405012020	Kavita Sharma	IGDTUW JRF	kavita11235@ gmail.com	Prof. S.R. N Reddy	Design and Development of Integrated RTOS Framework for Customizable IoT Applications				
4	00705012020	Neha Srivastav a	РТ	nehasrivastava 012329@gmai 1.com	Prof. Devendra Tayal	Microarray Data Analysis Using Machine Learning				
			Departme	nt of Informat		gy				
1	00105032020	Surbhi Khurana	IGDTUW JRF	surbhikhurana 04@gmail.co m	Prof. Amita Dev	Human Speech Emotion Recognition and Classification using deep Neural Network				
2	00205032020	Yogita Bansal	IGDTUW JRF	yogitabansal11 @gmail.com	Dr. Niyati Baliyan & Dr. Mohona Ghosh	Analysis Security aspect of blockchain based online social network using machine learning based techniques				
		Departm	ent of Elect	tronics & Com	munication I	Engineering				
1	0105022020	Aakanksh a Gupta	РТ	akanksha001p hd20@igdtuw. ac.in	Prof. Ashwni Kumar	Efficient techniques/methods for lung disease detection and its classification				
2	00405022020	Neha Kataria Kapoor	РТ	nehakapoor@i gdtuw.ac.in	Dr. Nidhi Goel	Design and modelling of hybrid renewable energy systems				
3	00505022020	Shraddha Maurya	FT	mauryashradd ha09@gmail.c om	Dr. Maria Jamal	Design of Control Strategies for Multiphase Induction Motor Drive				
4	00605022020	Jagrati Gupta	PT	jagrati.gupta.9 1@gmail.com	Dr. Shobha sharma	Design and Analysis of efficient and high performance VLSI based data processing systems				

Rhad



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	Ι	List of Ph.D	Students V	Vinter Session 2020-2021	
		Depart	tment of Info	ormation Technology	
S. No.	Enrollment No.	Name of the Applicant	IGDTUW JRF/ Full Time/Part Time	Email Id	Supervisor
1	05105032020	Anubha	Part Time	amitkhanna1991a@gmail.com	Prof. A.K. Mohapatra
2	05205032020	Megha Khandelwal	Part Time	meghaworld29@gmail.com	Prof. Arun Sharma
3	05305032020	Nandini Sethi	(IGDTUW- JRF)	nandinisethi2104@gmail.com	Dr. Amita Dev
4	05405032020	Rashmi Raj	Full Time	rashmiraj292@gmail.com	Dr. Mohona Ghosh
5	05505032020	Sapna Yadav (LEFT)	Part Time	sapyadav21@gmail.com	Dr Kalpana Yadav
6	05605032020	Surbhi Prakash	Part Time	prakashsurbhi09@gmail.com	Prof. A.K. Mohapatra
		Departmen	t of Comput	er Science & Engineering	·
S. No.	Enrollment No.	Name of the Applicant	IGDTUW JRF/ Full Time/Part Time	Email Id	Supervisor
1.	05105012020	Hunny Gaur	Part Time	gaurhunny20@gmail.com	Prof. Devendra Tayal
2.	05205012020	Juli Kumari	Full Time	send2juli@gmail.com	Prof. Ela Kumar
3.	05305012020	Prerna Sharma	Full Time	sharma.prerna.13spt@gmail.com	Prof. Seeja K.R
4.	05405012020	Shilpi Gupta	Part Time	shilpig.2710@gmail.com	Prof. Seeja K.R
	Departn	nent of Electr	onics & Con	nmunication Engineering	
S. No.	Enrollment No.	Name of the Applicant	IGDTUW JRF/ Full Time/ Part Time	Email Id	Supervisor
1	05105022020	Astha Sharma	Full Time	asthasharma092@gmail.com	Prof. Ashwni Kumar
2	05205022020	Komal duggal	Full Time	kommalduggal@gmail.com	Prof. Vandana Niranjan
3	05305022020	Megha Dua	Full Time	Meghadua.1993@gmail.com	Dr. Pankaj Gupta
4	05405022020	Shalu Garg	Part Time	Er.shalugarg@gmail.com	Prof. Jasdeep Kaur

	D	epartment of	Mechanical &	z Automation Engineering	
S. No.	Enrollment No.	Name of the Applicant	IGDTUW JRF/ Full Time/Part Time	Email Id	Supervisor
1	05105042020	Dhanishta	Full Time	mechanicalpathshala08@gmail.com	Dr. Shipra Aggarwal
2	05205042020	Priya Singh	Full Time	thakuralpriya30@gmail.com	Dr. Vivek Chawla
3	05305042020	Ranjana Mishra	Full Time	pankaj0743@gmail.com	Dr Pooja Bhati
4	05405042020	Santwana Mishra	FUll Time	mesantwana10@gmail.com	Dr. Shipra Aggarwal
		Departme	nt of Applied	Sciences & Humanities	
			Phys	sics	
S. No.	Enrollment No.	Name of the Applicant	IGDTUW JRF/ Full Time/Part Time	Email Id	Supervisor
1	05105122020	Rita Kumari	(IGDTUW- JRF)	Reetanain001@gmail.com	Prof. Chhaya Ravi Kant
			Chem	iistry	
S. No.	Enrollment No.	Name of the Applicant	IGDTUW JRF/ Full Time/Part Time	Email Id	Supervisor
1	05105132020	Saumya	Full Time (IGDTUW- JRF)	dwivedisaumya06@gmail.com	Dr. N. Bhavani Prasad
			Eng	lish	
S. No.	Enrollment No.	Name of the Applicant	IGDTUW JRF/ Full Time/Part Time	Email Id	Supervisor
	05105152020	Swati Basu	Part Time	sb08.kolkata@gmail.com	Dr. Bhavya

Rhad



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		List of Ph	n.D Stude	nts 2021-2022					
S. No	Enrollment No.	Name of the Student	FT/ PT/ IGDTU W JRF	Email ID	Proposed Supervisor				
	Department of Computer Science and Engineering								
1	00105012021	Aditi Sabharwal	FT	aditi001phd21@igdtuw.ac.i <u>n</u>	Prof. S.R.N Reddy				
2	00205012021	Juhi Pruthi	PT	juhi.pruthi@gmail.com	Prof. Seeja K.R.				
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4	00405012021	Yamini Ratawal	PT	<u>yaminiratawal26@gmail.co</u> <u>m</u>	Prof. Ela Kumar				
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	Dep	partment of Electro	onics & Co	mmunication Engineerin	g				
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2	00105022021	Diksha Singh	PT	dikshasingh0011@gmail.co m	Prof. Nidhi Goel				
3	00205022021	Nirma Peter	PT	nirmapeters@gmail.com	Prof. Nidhi Goel				
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	D	epartment of Mec	hanical &	Automation Engineering					
1	00105042021	Akanksha Tiwari	FT	akanksha.svsu@gmail.com	Prof. N.R. Chauhan				
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	Department of Applied Sciences & Humanities							
	Physics							
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	List of Ph.D Students Winter Session 2021-2022								
S. No.	Enrollment No.	Name of the Student	FT/PT/IGD TUW JRF	Email ID	Proposed Supervisor				
	Department of Mechanical & Automation Engineering								
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2	5205042021	Soumya Raj	FT	<u>soumyaraj.me@g</u> <u>mail.com</u>	Dr. O. K. Singh				
		Department of	Applied Scie	nces & Humaniti	es				
1	5105132021	Narmada	FT	<u>narmadasharma1</u> 23@gmail.com	Prof. Ranu Gadi, Co- Supervisor: Dr. Pankaj Kumar Sharma, Scientist 'D', DRDO				
2	5205112021	Sakshi Dhruv	FT	<u>sakshidhruv32@g</u> <u>mail.com</u>	Prof. Shalini Arora				
3	5305112021	Sarita	FT (CSIR- UGC- NET JRF)	<u>sarita92773@gma</u> <u>il.com</u>	Prof. Shalini Arora Co- supervisor: Dr. Geeta Sachdev				
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		List of	Ph.D S	tudents 2022-2	2023				
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	Department of Information Technology								
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3	'00305032022	Bhawna Singh	PT	bhawna.jadaun20 22@gmail.com	Dr. Nonita Sharma Co-supervisor: Dr. Deepak Kumar Sharma				
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7	'00705032022	Manisha Gupta	FT	guptamg444@g mail.com	Prof. Amita Dev Co-supervisor: Prof. Poonam Bansal				
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9	'00905032022	Priyanka Vashistha	FT	priyankavashisth a29@gmail.com	Dr. Bhawna Narwal Co- supervisor: Prof. A.K. Mohapatra				
10	'01005032022	Priyanka Tomar	FT	Priyankamanu5 @gmail.com	Dr. S. Kamble Co-supervisor: Dr. Nonita Sharma				
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	13	'01305032022	Rupali Ahuja	PT	rupaliahuja99@g mail.com	Dr. Gaurav Indra Co-supervisor: Dr. Arunima Jaiswal
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	15	'01505032022	Urmila Samariya	FT	urmilasamaria@ yahoo.com	Dr. S. Kamble Co-Supervisor: Dr. Subash Singh
	16	'01605032022	Vartika Tyagi	FT	vartikatyagi400 @gmail.com	Prof. Amita Dev Co-supervisor: Prof. Poonam Bansal
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Supporting Document: 3.1.4

3.1.4 Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other research fellows enrolled in the institution during the last five years.



Assessment Period: 2016 -2021



Annexure-I

Minutes of the meeting

The online meeting of the committee constituted for formulation the guidelines for various incentives/financial assistance to UG, PG and Ph.D students was held on May 18th, 2021 at 4:00 pm. The following members attended the meeting:

- 1. Prof. Ranu Gadi, Dean (R&C)
- 2. Prof. D.K. Tayal, Chief Proctor
- 3. Prof. S.R.N Reddy, Professor, CSE
- 4. Prof. Seeja K.R., HOD (CSE)
- 5. Dr. Richa Yadav, Assistant Prof., Coordinator (R&C), Special Invitee
- 6. Dr. Bhavani Prasad, Assistant Prof., Coordinator (IRD), Special Invitee

The Dean (R&C), IGDTUW welcomed the members and apprised them about following Incentives/ Financial Assistance to the students and formulation of detailed guidelines for (i) Financial assistance to Non-GATE M.Tech/M.Plan students (ii) monthly stipend to Full-time PhD Scholars and (iii) incentive to UG/PG students for publication of research article/paper in Journal.

1: Grant of Financial Assistance of Rs. 7,500/- per month with an upper limit of 10 students perbranch to Non-GATE students pursuing M.Tech./M.Plan. Program based on their performance in the 1st semester from the Academic Year 2021-22 onwards. The shortlisted students will also contribute teaching assistantship of 4-6 hours per week.

Committee members deliberated on the eligibility criteria for giving this incentive to Non-GATE M.Tech students and gave the following recommendations:-

- I. The PG NON-GATE scholarship will be given from second semester onwards if a student gets a CGPA score of 8 or above [on a scale of 10]. Also, it will be mandatory for student to maintain the consistency in CGPA in the forthcoming semesters to get the stipend.
- II. The student getting the stipend would undertake 4-6 hours (per week) of work related to teaching and research activities as assigned to her by the institute. Stipend will be granted on monthly basis subjected to the satisfactory academic performance as certified by Head of Department and adherence to University rules and regulations as applicable times to time.

2: Grant of Monthly stipend of Rs. 10,000/- to full time Ph.D. Scholars who are not in receipt of any financial support from any source from the Academic Year 2021-22 from University Receipts for a period of five years from the date of admission to full time PhD Scholars from

the Academic Year 2021-22. The full time Ph.D. Research Scholars getting the monthly stipend would also assist in Academic/Administrative work in their respective Department for 4-6 hours per week in addition to their research work.

In the interest of students and to attract more female students in STEM research with a low attrition rate, full time (FT) research scholars will be given stipend of Rs. 10,000/- per month from forthcoming Academic Year 2021-22, to sustain their day-to-day expenses during the PhD Programme. Deliberations were made on the guidelines to be formulated for giving monthly stipend to full time Ph.D Scholars and the following points were suggested:-

- I. Recommendation of Supervisor and concerned HoD will be included in the claim form which will be a feedback form/activity report. Supervisor and HoD will work in resonance to review the progress of performance of duties assigned to full-time Scholar and quality research done by her. In case the scholar is not performing well then, her case may be recommended for suspension of emoluments and her stipend shall be terminated on the recommendation of the HOD.
- II. Performance of FT scholar will be reviewed by HOD and Supervisor on the basis of parameters *viz*. research, teaching and administrative responsibilities handled by her.
- III. The Full Time PhD Students, who were enrolled prior to 2021-22, will be awarded monthly stipend of Rs 10,000/- for the balance number of years (counted only upto five years from the date of admission), provided they satisfy clause I & II above.

3: Award of incentive of Rs. 5,000/- and Rs. 10,000/- to UG/PG student for every publication of research article in SCOPUS and SCI/SCIE Index Journal respectively to boost the morale of the students and build research ecosystem in the University.

- I. In order to protect the welfare of our students and to boost the culture of research and promote excellence in R&D by publishing of good quality research papers in reputed Journals, Research awards have been already been incepted by the University. These awards are given to all the researchers of the University (including UG, PG, Ph.D Students) in the recognition of importance of their published research work and to motivate individual excellence in research.
- II. Committee members recommended that as this incentive to students has already been included in Research awards, therefore instead a scheme for an incentive to students may be initiated for Product development, the products which have been deployed and providing solutions to society. Department wise Committees may be constituted to evaluate these products.

Based on the recommendations of the Committee members the draft guidelines for the first twoschemes have been formulated and attached as Annexure A and B.

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(Prof. Ranu Gadi) Dean (R&C)

(Prof. D.K. Tayal) Chief Proctor

(Prof. S.R.N. Reddy) Professor, CSE

(Prof. Seeja K.R.) HOD, CSE



Annexure-A

DRAFT GUIDELINES FOR POST-GRADUATE NON-GATE FINANCIAL ASSISTANCE SCHEME (w.e.f 2021-22)

1. Objectives of the Scheme:

The financial Assistance scheme would help the students to sustain their expenses during the Post- Graduate Programme, thus reducing the financial constraints on the family of female students to complete their higher education. Further, this initiative would also contribute to the knowledge economy of the Nation, since the stipend would give a boost to attract more female students to the Post Graduate Programmes at IGDTUW.

2. Amount of Assistance:

The Stipend under the scheme is Rs. 7,500/- per month. The stipend would be granted to amaximum of ten students per batch for each branch based on their performance.

3. Duration:

The Stipend is tenable for 18 months or for the duration of the course from second semester onwards i.e. from the date of commencement of classes of second semester till the date of completion of the classes whichever is lower and is not extendable under any circumstances.

4. Eligibility for Scholarship:

Students of MTech and MPlan who are not eligible for GATE scholarship are entitled to PG Non-GateStipend from the second semester onwards in case they get a CGPA score of 8 or above (on a scale of 10) in their first semester. The student will have to maintain a CGPA score of 8 or above in subsequent semesters also. The stipend would be discontinued if the CGPA would fall below 8.

5. Terms and Conditions:

- i) In case any student receives any financial assistance from any other organization during the tenure of course, with due permission of the University, the student will not be entitled for the stipend for the duration in which she is availing such financial assistance and it shall be resumed on discontinuance of such external financial assistance. Further the period for which the student has received external financial assistance shall be deducted from the maximum duration of the assistance.
- ii) The student would have to undertake 4 to 6 hours (per week) of work related to teaching

and research activities as assigned to her by the Institute. This could include tutorials, lab.classes, development and maintenance of laboratories, assistance in research and development activities undertaken by faculty members, maintenance and operation of Central facilities etc.

- iii) The Stipend will be granted to the student on a monthly basis subject to the satisfactory academic performance and adherence to University norms/rules and regulations as applicable time to time, certified by the Head of the Department and Academic/administrative work as per point no (ii) above.
- The student shall be required to give an undertaking to the effect that she would not leave the course midway. In case any student leaves the course in midway or failed/ drop out insubsequent year, she will be required to refund the total stipend drawn at the time of leaving the course.
- v) The Stipend may be discontinued at any time for any kind of misconduct by the student, like involving in the act of ragging, misbehavior etc.
- vi) Students are not entitled to House Rent Allowance (HRA) or any other benefits.
- vii) The monthly stipend would be exempted from the payment of Income Tax under Section 10(16) of the Income Tax Act, 1961.



<u>Annexure-B</u> DRAFT GUIDELINES FOR STIPEND TO FULL TIME Ph.D SCHOLARS (w.e.f. 2021-22)

1. Objectives of the Scheme:

To boost the culture of research and innovation, promote excellence in Research and Developmentand to attract more female students in STEM research with a low attrition rate. The financial Assistance scheme would help the students to sustain their day-to-day expenses during the PhD Programme, thus reducing the financial constraints on the family of female students to complete their PhD. Further, this initiative would also contribute to the knowledge economy of the Nation, since the stipend would give a boost to attract more female students of high calibre to the PhD programme at IGDTUW.

2. Amount of Assistance:

Monthly stipend of Rs. 10,000/- to full time Ph.D. Scholars who are not in receipt of any financialsupport from any source from the Academic Year 2021-22.

3. Duration:

The monthly stipend would be given to all Full-time Research Scholars for a maximum period offive years from the date of admission or till their completion of PhD, whichever is less and there is no further provision of extension. The scheme is applicable from Academic Year 2021-22.

4. <u>Eligibility for Financial assistance:</u>

Sponsored students and students receiving any other financial assistance from any sources would not be eligible for the scheme.

5. Terms and Conditions:

- i) In case any Research Scholar receives any financial assistance from any other organization during the tenure of course, with due permission of the University, the scholar will not be entitled for the Stipend for the duration in which she is availing such financial assistance and it shall be resumed on discontinuance of suchexternal financial assistance. Further the period for which the Scholar has received external financial assistance shall be deducted from the maximum duration of thescheme.
- ii) The full time Ph.D. Research Scholars getting the monthly stipend would also assist



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in Academic/Administrative work in their respective Department for 4-6 hours perweek in addition to their research work. The Scholars shall also undertake other academic assignments such as examination, invigilation, evaluation etc.

- iii) The Stipend will be granted to the student on a monthly basis subject to the satisfactory academic performance and adherence to University norms/rules and regulations as applicable time to time, certified by the Head of the Department andobligatory work as per point no (ii) above.
- iv) The Stipend may be discontinued at any time for any kind of misconduct by the student, like involving in the act of ragging, misbehavior etc.
- v) Full-time scholars are not entitled to House Rent Allowance (HRA) or any other benefits.
- vi) All provisions of prevailing Ph.D. ordinance of the University shall be applicable on all Full-time PhD Scholars.
- vii) The monthly stipend would be exempted from the payment of Income Tax under Section 10(16) of the Income Tax Act, 1961.
- viii) The Stipend Claim form in Annexure-A shall be duly signed by the Supervisor and countersigned by the HOD for reimbursement purpose.
- ix) The Scholar shall maintain a register for all claim purposes.
