



# University of Kashmir, Srinagar

## **Minutes of the meeting of Board of Research Studies in Applied Sciences and Technology held on 01-08-2019 at 10:30 A.M. in the Committee Room of the Administration Block.**

*Present:*

01. *Prof. Talat Ahmad* (Chairman)  
*Vice-Chancellor*
02. *Prof. Zafar A. Reshi*  
*Dean Research*
03. *Prof. Gh. Mohi ud din Dar (Sangmi) DCDC*  
*Incharge DAA*
04. *F. A. Masoodi*  
*Dean, School of Applied Sciences & Technology & Head Department of Food Science and Technology.*
05. *Prof. Neelofer Khan*  
*Director, Institute of Home Science*
06. *Head, Deptt. of Pharmaceutical Sciences*
07. *Head, Deptt. of Computer Sciences*
08. *Head, Deptt. of Electronics & Instrumentation Technology*
09. *Dr. Nisar Ahmad Mir, Registrar*

*Assistant Registrar Research was also during the meeting.*

*At the outset, the Hon'ble Vice-Chancellor made following remarks/observations:*

1. BORS meetings should be conducted twice in a year so that scholars do not suffer for registration and submission of thesis on time
2. Topics of research to be assigned to the scholars should be discussed thoroughly in pre-BORS meetings and inputs from the experts in the area of research should be sought in whatever manner possible.
3. Topics of research allotted to scholars should have social relevance wherever possible.
4. Regular review of work carried out by the scholars during the research degree programme should be undertaken by the Research Progress Assessment Committee (RPAC) in accordance with the provisions of the statutes.

5. Also it was emphasized that the course work examination should be conducted on time and dates for the purpose should be notified by the Deans of the Schools well in advance. Marks sheets giving details of the marks obtained in the three course work papers should be issued to the scholars for which modalities be worked out.

In his remarks Dean Research invited the attention of the members toward the following points:

1. Attention needs to be paid to some key indicators, such as filing and award of patents, innovations, corporate funding for trainings, funding from non-government sources and ensure further progress/improvement in respect of other key indicators in which the University had a stellar performance during the recently concluded 3<sup>rd</sup> cycle of assessment by the National Assessment and Accreditation Council (NAAC), Bangaluru.
2. Boards of Research Studies should come up with well thought out programmes and policies for promotion of research and innovation in the University which could then be discussed and deliberated upon in the Research Council and other competent bodies of the University.
3. Progress of work of the scholars admitted to research degree programmes be regularly and effectively monitored for better outcomes.

After the remarks of the Hon'ble Vice-Chancellor agenda items were taken up for discussion.

Subsequently agenda was taken up for discussion.

Item

No.01 Perused the action taken report on the minutes of the last meeting of the BORS in Applied Sciences and Technology held on 25-09-2017.

**Resolved that the** action taken report on the minutes of the last meeting of BORS in Applied Sciences & Technology held on 25-09-2017, **be placed on records.**

Item

No. 02 Confirmation of the minutes of the BORS meeting held on 25-09-2017 in Applied Sciences and Technology (already circulated).

**Resolved that the** minutes of the last meeting of the BORS in Applied Sciences and Technology held on **25-09-2017, be confirmed.**

Item

No. 03 Ratification of the action taken by the Vice-Chancellor in having authorized recognition of following Assistant Professors as supervisors in the discipline of Home Science:

1. Dr. Shafia Nazir
2. Dr. Naila Irshad

Resolved that action taken by the Vice-Chancellor, **be ratified.**

Item

No. 04 Consideration of Ms. Sadaf Nazir and Ms. Farah Naqash I-Ph.D scholars of the Deptt. of Food Science and Technology requesting for permission to join as Assistant Professor in the Institute of Engineering and Technology & Islamic University of Science & Technology and also continue to pursue research programme.

**Resolved that** once proposed modification in the statutes recommended by Deans' Committee and University Research Council is considered/approved by the University Syndicate/University Council, case will be decided accordingly.

Item

No. 05 Consideration of recommendations of Departmental Research Committee, Deptt. of Computer Science for grant of co-supervision to Dr. Vasile Palade, Reader, Deptt. of Computing, Faculty of Engineering, Coventry University, UK in the discipline of Computer Science.

**Resolved that** Dr. Vasile Palade, Reader, Deptt. of Computing, Faculty of Engineering, Coventry University, UK, be recognized as co-supervisor in the discipline of Computer Science.

#### **Table item**

Item

No. 06 To ratify the action taken by Vice-Chancellor in having authorized recognition of Dr. Sajad Mohammad Wani, Assistant Professor Department of Food Science and Technology as Research Guide in the discipline of Food Science and Technology.

Action taken by the Vice-Chancellor, **be ratified.**

#### **Table item:**

Item

No. 07 Consideration of the request made by Dr. Sajad Mohammad Khan, Scientist-B, Deptt. of Computer Sciences, for recognition as research guide in the discipline of Computer Sciences.

**Resolved that** Dr. Sajad Mohammad Khan, Scientist-B, Deptt. of Computer Science be recognized as research guide in the discipline of Computer Science.

**Item**

**No.06** Considered the question of grant of registration in favour of the candidates listed in annexure A-E for pursuit of Ph. D/3-year Integrated Ph. D programme on whole-time/part-time basis, as detailed in the respective annexures against each candidate in the following disciplines comprised in the School of Applied Sciences & Technology:-

- |                                       |                               |
|---------------------------------------|-------------------------------|
| A. Electronics & Instrumentation Tech | B. Food Sciences & Technology |
| C. Pharmaceutical Science             | D. Computer Science           |
| E. Home Science                       |                               |

**Resolved** that subject to fulfillment of statutory requirements and conditions (if any) in the remarks column shown against each candidates listed in annexures “A” to “E” be registered for pursuit of Ph.D/3-year Integrated Ph. D programme on whole-time/part-time basis.

The meeting terminated with a vote of thanks to the Chair.

Sd/-  
Dean Research

Sd/-  
Vice-Chancellor



**UNIVERSITY OF KASHMIR, SRINAGAR**  
**OFFICE OF THE DEAN RESEARCH**

*No: F (BORS-App Scs & Tech) KU/19*  
*Dated: November 27, 2019*

**Copy of the approved minutes alongwith statement of particulars of the candidates forwarded to the Dean School of Applied Sciences and Technology for necessary action.**

Assistant Registrar  
(Research)

**Item**

**No.06** Considered the question of grant of registration in favour of the candidates listed in annexure A-E for pursuit of Ph. D/3-year Integrated Ph. D programme on whole-time/part-time basis, as detailed in the respective annexures against each candidate in the following disciplines comprised in the School of Applied Sciences & Technology:-

- |  |  |
|--|--|
| <b>A. Electronics &amp; Instrumentation Tech</b> | <b>B. Food Sciences &amp; Technology</b> |
| <b>C. Pharmaceutical Science</b>                 | <b>D. Computer Science</b>               |
| <b>E. Home Science</b>                           |  |

**Resolved** that subject to fulfillment of statutory requirements and conditions (if any) in the remarks column shown against each candidates listed in annexures “A” to “E” be registered for pursuit of Ph.D/3-year Integrated Ph. D programme on whole-time/part-time basis.

The meeting terminated with a vote of thanks to the Chair.

Sd/-  
Vice-Chancellor

Sd/-  
Dean Research



**UNIVERSITY OF KASHMIR, SRINAGAR**  
**OFFICE OF THE DEAN RESEARCH**

*No: F (BORS-App Scs & Tech) KU/19*  
*Dated: November 27, 2019*

- Copy of the approved minutes alongwith statement of particulars of the candidates forwarded to the HOD/Director, \_\_\_\_\_ for necessary action. Conditions if any contained in the remarks column of the statements may be fulfilled. After verification of the certificates/required documents/submission of registration forms/deposition of admission fee and submission of joining reports, the documents may please be forwarded for reckoning of the registration of the scholars. Before joining eligibility of the candidates for part-time registration is to be checked and concerned allowed to join only after production of permission and leave sanction order from the parent Department.

Assistant Registrar  
(Research)



<i>S. No.</i>	<i>Name of candidates</i>	<i>Name of supervisor / Co-supervisor</i>	<i>Proposed topic of Research</i>	<i>Approved topic of Research</i>	<i>Remarks</i>
1.	Mubashir Ahmad Whole time I-Ph.D Reg. No.56258-ANG-2008	Dr. Farooq A. Khanday Dr. Khursheed A. Shah A. P, S. P. College, Sgr (Co-supervisor)	Modeling and Performance Analysis of Field Effect Transistors Based on 2D Materials		The topics are of very general nature. Specific topics with clearly defined objectives be discussed in DRC. Head, Deptt. of Computer Science be also invited to the DRC meeting and recommendations thereof submitted through Dean School of Applied Sciences and Technology, for approval of Dean Research.
2.	Mujtaba Yousuf Kathjoo Whole time I-Ph.D Reg. No.41102-S-2006	Dr. M. Tariq Banday Dr. Farooq A. Khanday (Co-supervisor)	Design and Optimization of Integer and Fractional-Order Neural Networks and their Applications		
3.	Zaid Mohammad Shah Whole time I-Ph.D Reg.No.784-SME-2007	Dr. Farooq Ahmad Khanday Dr. Zahoor Ahmad Jhat (Asst. Prof., Electronics, Islamia College, Sgr.)	Modeling, Synthesis, Performance Analysis and Circuit Applications of Fractional-Order Capacitor		
4.	Raqeebur Rehman Whole time I-Ph.D Reg.No 59370-ANG-2009	Dr. Javaid Ahmad Sheikh Dr. Khursheed Ahmad Shah (Co-supervisor)	Design & Development of Efficient MIMO mm Wave antennas for 5G Networks		
5.	Aiman Jan Whole time I-Ph.D Reg.No.24904-IC-2009	Dr. Shabir A. Parah Dr. Bilal Ahmad Malik (Co-supervisor)	Design and Development of Steganography and Chaotic Encryption Based Multi-Level Security Algorithms for Covert Communication		
6.	Farahan Mastafa Whole time I-Ph.D Reg.No.	Prof. G.M.Bhat Dr. Javiad A. Sheikh (Co-supervisor)	Design and Development of Efficient Resource Allocation Techniques for Milli-Meter Wave Based Massive MIMO Networks		

7.	Ishfaq Sultan Whole time I-Ph.D Reg.No.42790-S-2009	Dr. M. Tariq Banday Dr. Nusrat Parveen Asst. Prof. Electronics ICSC, Hr. Education Deptt. J&K Govt. (Co-supervisor)	Design of Low Power on-chip Encryption Techniques for Internet of Things (IoT) applications	Design of Low Power on-chip Encryption Techniques for Internet of Things (IoT) applications	Deptt. is required to submit the proposal of co-supervision of Dr. Nusrat Parveen to the Dean Research through Dean of the School alongwith following documents: 1. C.V of the Teacher. 2. Copies of appointment and confirmation orders. 3. NOC from the Employer of the Teacher. 4. Recommendations of DRC.
8.	Safia GUI Whole time I-Ph.D Reg.No.	Prof. G.M.Bhat Dr. Bilal Ahmad Malik (Co-supervisor)	Design and development of Intelligent load balancing Algorithms for management of Internet of Things (IoT) devices in smart cities	Design and development of Intelligent load balancing Algorithms for management of Internet of Things (IoT) devices in smart cities	
9.	Subah Amin Whole time I-Ph.D Reg.No.	Prof. G.M.Bhat Dr. Bilal Ahmad Malik (Co-supervisor)	On the Design and Realization of Interference Mitigation Technique in Cognitive Radio based 5G Networks	Design and Realization of Interference Mitigation Technique in Cognitive Radio based 5G Networks	<b>Topic modified.</b>



10.	Shahid Ahmad Malik Whole time I-Ph.D Reg.No.28663-IC-2010	Prof. G.M.Bhat Dr. Shabir A. Parrah (Co-supervisor)	Design and Implementation of efficient Digital Filters for Electrocardiogram (ECG) De-noising		The topics are of very general nature. Specific topics with clearly defined objectives be discussed in DRC. Head, Deptt. of Computer Science be also invited to the DRC and recommendations thereof submitted through Dean School of Applied Sciences and Technology for approval of Dean Research.
11.	Zahid Ahmad Bhat Whole time I-Ph.D Reg.No. 23898-SJ-2010	Dr. Javiad A. Sheikh Dr. Sharief-ud-din Khan (Co-supervisor)	Design and Development of 26-40 GHz band mm Wave Filters for 5G Networks		
12.	Sumina Sidiq Whole time I-Ph.D Reg.No.52455-W-2008	Dr. Javiad A. Sheikh Dr. Bilal Ahmad Malik (Co-supervisor)	Design and Development of Energy Efficient Signal Processing Algorithms for 5G Networks		
13.	Solihah Gull Whole time I-Ph.D Reg.No.58188-W-2010	Dr. Shabir A. Parrah	Design and Implementation of Novel Techniques for Authentication of Electronic Patient Record (EPR) for e-health applications	Design and Implementation of Novel Techniques for Authentication of Electronic Patient Record (EPR) for e-health applications	

14.	Muzamil Hussan Whole time I-Ph.D Reg.No.52439-w-2008	Dr. Shabir A. Parrah Dr. Ghulam Jeelanin Qureshi GDC, Handwara (Co-supervisor)	Development and Implementation of Tamper Detection and Localization Techniques for digital images		<p>I. The topics are of very general nature. Specific topics with clearly defined objectives be discussed in DRC. Head, Deptt. of Computer Science be also invited to the DRC and recommendations thereof submitted through Dean School of Applied Sciences and Technology for approval of Dean Research.</p> <p>II. Deptt. is required to submit the proposal of co-supervision of Dr. Nusrat Parveen to the Dean Research through Dean of the School alongwith following documents:</p> <ol style="list-style-type: none"> <li>1. C.V of the Teacher.</li> <li>2. Copies of appointment and confirmation orders.</li> <li>3. NOC from the Employer of the Teacher.</li> <li>4. Recommendations of DRC.</li> </ol>
15.	Muzafar Gani Whole time I-Ph.D Reg.No.56201-ANG-2008	Dr. Shabir A. Parrah Dr. Khursheed Ahmad Shah (Co-supervisor)	Modelling and Performance Analysis of Spintronic Devices using Two Dimensional Materials with Application to Digital Logic		
16.	Gul Faroz Ahmad Malik Whole time I-Ph.D Reg.No.24933-IC-2009	Dr. Farooq A. Khanday Dr. Nusrat Parveen Asst. Prof. Electronics ICSC, Hr. Education Deptt. J&K Govt. (Co-supervisor)	Modelliing, Performance Analysis and Circuit Applications of Multi- Gate Spin –Field Effect Transistor		
17.	Mariya Shafat Whole time I-Ph.D Reg.No.44496-S-2010	Dr. M. Tariq Banday Dr. M. Rafiq Beigh Asst. Professor Higher Education Department (Co-supervisor)	Design and Realization of Optimized Techniques for Addressing Contemporary Challenges in Static and Live Digital Forensics		
18.	Abdul Wahid Part time I-Ph.D Reg.No.28601-S-94	Dr. M. Tariq Banday	Design of a new Big Date model using Cloud services for Healthcare Applications		
19.	Altaf Ahmad Balkhi Part time I-Ph.D Reg.No.6618-IC-84	Prof. G.M.Bhat Dr. G.M. Mir  Associate Professor SKUAST-K (Co-supervisor)	Realization of Intelligent Techniques for Improved QoS in Mobile Communication		

*Annexure: A*

*Discipline: Electronics & Instrumentation Technology*

S.No.	Name of candidates	Name of supervisor / Co-supervisor	Proposed topic of Research	Approved topic of Research	Remarks
1.	Sadaf Parvez Whole time I.Ph.D Reg. No.105-Ph.D-2017	Dr. Idrees Ahmad Wani	Influence of Process parameters on phytochemical properties and production of nitrosamines during brewing of green tea	Influence of Process parameters on phytochemical properties and production of nitrosamines during brewing of green tea	
2.	Gazalla Akhtar Whole time I-Ph.D Reg. No. 24813-IC-2009	Prof. F.A.Masoodi	Encapsulation of walnut oil in soy protein isolate and maltodextrin for enhanced oxidative stability: Utilization in the development of functional foods and its impact on human health	Encapsulation of walnut oil in soy protein isolate and maltodextrin for enhanced oxidative stability: Utilization in the development of functional foods and their impact on human health	<b>Topic modified.</b>
3.	Nafiya Qadir Whole time I-Ph.D Reg. No.54811-W-2009	Dr. Idrees Ahmad Wani	Effect of rice proteins, dietary fiber and some functional components on glycemic index of rice ( <i>Oryza sativa L.</i> )		<b>DRC to re-visit topic of research and recommendations thereof forwarded for approval of Dean Research.</b>

4.	Faiza Jhan Whole time I-Ph.D Reg. No. 54527-W-2009	Dr. Adil Gani	Characterization of macromolecules from underutilized, millets and their utilization as bioactive nano-carrier for development of functional bakery foods	Characterization of macromolecules from underutilized, millets and their utilization as bioactive nano-carrier for development of functional bakery foods	Deptt. is required to submit the proposal of co-supervision of Dr. Asima Shah to the Dean Research through Dean of the School alongwith following documents: <ol style="list-style-type: none"> <li>1. C.V of the Teacher.</li> <li>2. Copies of appointment and confirmation orders.</li> <li>3. NOC from the Employer of the Teacher.</li> <li>4. Recommendations of DRC.</li> </ol>
5.	Touseef Ahmad Wani Whole time I-Ph.D Reg. No.49537-ANG-2006	Prof. F.A. Masoodi	Extraction and encapsulation of hydroxytyrosol in chitosan for its targeted delivery using some sustainable green techniques	Extraction and encapsulation of hydroxytyrosol in chitosan for its targeted delivery using sustainable green technologies	<b>Topic modified.</b>
6.	Tariq Ahmad Ganaie Part-time I-Ph.D Reg. No. 106-Ph.D -2017	Prof. F.A. Masoodi	Geographical discrimination and value addition of honey with enhanced nutraceutical and nutritional potential	Geographical discrimination and value addition of honey having enhanced nutraceutical and nutritional potential	<b>Topic modified.</b>

*Annexure: B*

*Discipline: Food Science and Technology*

S. No.	Name of candidates	Name of supervisor / Co-supervisor	Proposed topic of Research	Approved topic of Research	Remarks
1.	Mudasir Maqbool Whole time I.Ph.D Reg. No.24573-IC-09	Dr. Mohammad Ishaq Geer Dr. Mohd. Ashraf Ganaie Professor Endocrinology SKIMS, Soura, Sgr. (co-supervisor)	Evaluation of comparative clinical efficacy and Safety of Qurs-e-Ziabetus, against Metformin among Kashmiri Women with either Type -2 Diabetes Mellitus or Polycystic Ovary Syndrome (PCOS)	Comparative clinical efficacy and Safety of Qurs-e-Ziabetus, against Metformin among Kashmiri Women with either Type -2 Diabetes Mellitus or Polycystic Ovary Syndrome (PCOS)	Topic modified.
2.	Arooj Altaf Mir Whole time I.Ph.D Reg. No. 20-BPH-07	Dr. Mubashir Hussain Masoodi Dr. Seema Akbar (Co-supervisor) RRIUM, Sgr.	Phytochemical Studies and Evaluation of Hepato-protective Activity of <i>Colchicum luteum</i> from Kashmir Valley	Phytochemical Studies and Evaluation of Hepato-protective Activity of <i>Colchicum luteum</i> from Kashmir Valley	
3.	Asmat Majeed Whole time I.Ph.D Reg. No. 21134-NW-2008	Dr. Nisar Ahmad Khan Dr. Faheem Arjamend (Co-supervisor)	Formulation Designing of Nanofiber Based Fast Dissolving Oral Films of Biopharmaceutical Classification System (BCS) Class II Drug	Formulation Designing of Nanofiber Based Fast Dissolving Oral Films of BCS (Biopharmaceutical Classification System) Class II Drug	<b>Topic modified.</b>

4	Rumaisa Rashid Whole time I.Ph.D Reg. No.33-BPH-2008	Dr. Ghulam Nabi Bader Dr. Raies A. Qadri (Co-supervisor)	Therapeutic Potential of Naringenin in Management of Polycystic Ovarian Syndrome	Studies on Therapeutic Potential of Naringenin in Management of Polycystic Ovary Syndrome	
5	Amreen Naqash Whole time I.Ph.D Reg. No.44-BPH-2008	Dr. Ghulam Nabi Bader Dr. Rifat Ara Prof. & Head Deptt. of Gynae and Obs. SKIMS-MCH Bemina Sgr. (Co-supervisor)	A Pharmacovigilance study on various iron formulations used in the treatment of iron deficiency anemia in women	A pharmacovigilance study on various iron formulations used in the treatment of iron deficiency anemia in Kashmiri women	<b>Topic modified.</b>
6	Sheeba Whole time I.Ph.D Reg. No. 53221-W-08	Prof. Nahid Tabassum	Evaluating the Role of Some Monoterpenes Against Streptozotocin and High Fat Diet Induced Diabetic Nephropathy in Rodents	Evaluating the Role of Some Monoterpenes Against Streptozotocin and High Fat Diet Induced Diabetic Nephropathy in Rodents	



7.	Sumaira Amin Whole time I.Ph.D Reg. No. 47685- W-06	Dr. Zulfiqar Ali Bhat	Standardization studies, Phytochemical Screening and Anti-obesity Studies on Some Medicinal Plants of Kashmir Valley	Pharmacognostic and Phytochemical Studies on some Medicinal Plants of Kashmir Valley and evaluation of their Anti-obesity activity	Topic modified.
8	Saeema Farooq Whole time I.Ph.D Reg. No. 52341- W-2008	Dr. Z.A. Bhat	Standardization, Phytochemical and Antidepressant Studies on <i>Iris kashmiriana Baker and Iris germanica L.</i>	Pharmacognostic Profile, Phytochemical Screening and Antidepressant activity studies on <i>Iris kashmiriana Baker and Iris germanica L</i>	Topic modified.
9	Riyaz Hassan Mir Whole time I.Ph.D Reg. No. 22472- BC-2009	Dr. Mubashir Hussain Masoodi	Semi-synthetic design of isolated natural products from some medicinal plants and evaluation of their Anti- inflammatory Activity	Semi-synthetic Design of isolated Compounds products from some medicinal plants and Evaluation of their Anti-inflammatory Activity	Topic modified.

## Annexure: D

## Discipline: Computer Sciences

<i>S. No.</i>	<i>Name of candidates</i>	<i>Name of supervisor/ Co-supervisor</i>	<i>Proposed topic of Research</i>	<i>Approved topic of Research</i>	<i>Remarks</i>
<b>1.</b>	Aurmella Roohie Bodha Whole time I.Ph.D Reg. No.17733-AW-2007	Dr. Dawood A. Khan	Design and evaluation of an energy efficient machine learning based clustering technique for wireless sensor networks	Design and evaluation of an energy efficient machine learning based clustering technique for wireless sensor networks	
<b>2.</b>	Neeha Ashraf Whole time Ph.D Reg. No. 40321-S-2005	Dr. Manzoor Ahmad	Developing a Framework for Hybrid Machine Translation Using Grammatical Framework & Machine Learning	Developing a Framework for Hybrid Machine Translation Using Grammatical Framework & Machine Learning	
<b>3.</b>	Gulnawaz Gani Whole time I-Ph.D Reg. No. 21544-SJ-2008	Dr. Fasel Qadir	A Novel Algorithm for Copy-Move Forgery Detection and Localization in Digital Images using Cellular Automata	Developing Efficient Algorithm for Copy-Move Forgery Detection and Localization in Digital Images using Cellular Automata	

**Annexure: D****Discipline: Computer Sciences**

<b>4.</b>	Nayeem Ahmad Bhat Whole time I-Ph.D Reg. No. 26642-IC-2010	Dr. Umer Farooq	Design and Evaluation of Effort-aware Cross-project Bug Prediction Models	Design and Evaluation of Effort-aware Cross-project Bug Prediction Models	
<b>5.</b>	Sajad Ahmad Kawa Whole time I-Ph.D Reg. No.43888-A- 2009	Prof. M.Arif Wani Dr. Vasile Palade, Reader, Deptt. of Computing, Faculty of Engineering, Coventry University, UK (Co-supervisor)	Developing efficient convolutional neural network models for image classification	Developing efficient convolutional neural network models for image classification	
<b>6.</b>	Mudasir Habib War Whole time I-Ph.D Reg. No.21527-SJ-2008	Dr. Umar Farooq	A Novel Approach for Test Case Prioritization Using Software Metrics	Developing Efficient Approach for Test Case Prioritization using software Metrics	

**Annexure: D****Discipline: Computer Sciences**

7.	Mohammad Munzir Ahanger Whole time I-Ph.D Reg. No.18723-PC-2009	Prof. M. Arif Wani Dr. Vasile Palade, Reader, Deptt. of Computing, Faculty of Engineering, Coventry University, UK (Co-supervisor)	Design and Evaluation of new Deep Learning based approaches for classification of Scientific Literature	Design and Evaluation of new Deep Learning based approaches for classification of Scientific Literature	
8.	Farah Fayaz Quraishi Whole time I-Ph.D Reg. No.53926-W-2008	Prof. M. Arif Wani	Innovative Machine Learning Algorithm for Clustering Micro-Array Data	Developing Efficient Learning Algorithm for Clustering Microarray Data	

## Annexure: D

## Discipline: Computer Sciences

<i>S. No.</i>	<i>Name of candidates</i>	<i>Name of supervisor/ Co-supervisor</i>	<i>Proposed topic of Research</i>	<i>Approved topic of Research</i>	<i>Remarks</i>
<b>1.</b>	Aurmella Roohie Bodha Whole time I.Ph.D Reg. No.17733-AW-2007	Dr. Dawood A. Khan	Design and evaluation of an energy efficient machine learning based clustering technique for wireless sensor networks	Design and evaluation of an energy efficient machine learning based clustering technique for wireless sensor networks	
<b>2.</b>	Neeha Ashraf Whole time Ph.D Reg. No. 40321-S-2005	Dr. Manzoor Ahmad	Developing a Framework for Hybrid Machine Translation Using Grammatical Framework & Machine Learning	Developing a Framework for Hybrid Machine Translation Using Grammatical Framework & Machine Learning	
<b>3.</b>	Gulnawaz Gani Whole time I-Ph.D Reg. No. 21544-SJ-2008	Dr. Fasel Qadir	A Novel Algorithm for Copy-Move Forgery Detection and Localization in Digital Images using Cellular Automata	Developing Efficient Algorithm for Copy-Move Forgery Detection and Localization in Digital Images using Cellular Automata	

**Annexure: D****Discipline: Computer Sciences**

<b>4.</b>	Nayeem Ahmad Bhat Whole time I-Ph.D Reg. No. 26642-IC-2010	Dr. Umer Farooq	Design and Evaluation of Effort-aware Cross-project Bug Prediction Models	Design and Evaluation of Effort-aware Cross-project Bug Prediction Models	
<b>5.</b>	Sajad Ahmad Kawa Whole time I-Ph.D Reg. No.43888-A- 2009	Prof. M.Arif Wani Dr. Vasile Palade, Reader, Deptt. of Computing, Faculty of Engineering, Coventry University, UK (Co-supervisor)	Developing efficient convolutional neural network models for image classification	Developing efficient convolutional neural network models for image classification	
<b>6.</b>	Mudasir Habib War Whole time I-Ph.D Reg. No.21527-SJ-2008	Dr. Umar Farooq	A Novel Approach for Test Case Prioritization Using Software Metrics	Developing Efficient Approach for Test Case Prioritization using software Metrics	

**Annexure: D****Discipline: Computer Sciences**

<b>7.</b>	Mohammad Munzir Ahanger Whole time I-Ph.D Reg. No.18723-PC-2009	Prof. M. Arif Wani Dr. Vasile Palade, Reader, Deptt. of Computing, Faculty of Engineering, Coventry University, UK (Co-supervisor)	Design and Evaluation of new Deep Learning based approaches for classification of Scientific Literature	Design and Evaluation of new Deep Learning based approaches for classification of Scientific Literature	
<b>8.</b>	Farah Fayaz Quraishi Whole time I-Ph.D Reg. No.53926-W-2008	Prof. M. Arif Wani	Innovative Machine Learning Algorithm for Clustering Micro-Array Data	Developing Efficient Learning Algorithm for Clustering Microarray Data	