



University of Kashmir, Srinagar

Minutes of the meeting of Board of Research Studies in Applied Sciences and Technology held on 01-09-2021 at 11:00 A.M. in the Committee Room of the Administration Block.

Present:

01. *Prof. Talat Ahmad* (Chairman)
Vice-Chancellor
02. *Prof. F.A. Masoodi*
Dean Academic Affairs/Dean Research
03. *Prof. Nahida Tabassum*
Dean, School of Applied Sciences & Technology
04. *Dr. Nisar Ahmad Mir, Registrar*
05. *Head, Deptt. of Food Science & Technology*
06. *Director, Institute of Home Science*
07. *Head, Deptt. of Pharmaceutical Sciences*
08. *Head, Deptt. of Computer Sciences*
09. *Head, Deptt. of Electronics & Instrumentation Technology*
10. *Assistant Registrar Research (Academic)*

At the outset, the Dean Research welcomed the Chairman and members of the meeting. The Hon'ble Vice-Chancellor was requested by the Dean Research for his introductory remarks. The Vice-Chancellor desired that the faculty may generate resources through extramurally funded projects and efforts should be made to pursue such research themes that have direct relevance to the society. The Vice-Chancellor further desired that BORS meetings should be held regularly after every six months so that the scholars do not suffer for want of registration on time. The Vice-Chancellor's remarks were responded by the members and it was resolved that review meetings with Principal Investigators be held regularly. The members also requested Hon'ble Vice-Chancellor to depute the teachers for presenting their projects before different funding agencies. After the remarks of the Hon'ble Vice-Chancellor agenda items were 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 01-08-2019.

Resolved that the action taken report on the minutes of the last meeting of BORS in Applied Sciences & Technology held on 01-08-2019, be placed on records.

Item

No. 02 Confirmation of the minutes of the BORS meeting held on 01-08-2019 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 01-08-2019, be confirmed.

Item

No. 03 Ratification of the action taken by the Vice-Chancellor in having authorized grant of fresh registration in favour of Ms. Gazala Nisar, Ph.D scholar, Institute of Home Science on the already approved topic and guide.

Resolved that action taken by the Vice-Chancellor in having authorized grant of fresh registration in favour of Ms. Gazala Nisar, Ph.D scholar, Institute of Home Science on the already approved topic and guide, be ratified.

Item

No. 04 Consideration of the request made by Dr. Sabeera Muzzaffar, Assistant Professor, Deptt. of Food Science & Technology for recognition as research guide in the discipline of Food Science & Technology.

Resolved that Dr. Sabeera Muzzaffar, Assistant Professor be recognized as research guide in the discipline of Food Science & Technology.

Item

No. 05 Consideration of the request of Dr. Asima Jan, INSPIRE Faculty (DST) for grant of recognition as co-guide to supervise Ph.D/Integrated M.Phil & Ph.D scholars in Food Science & Technology.

Resolved that the request of Dr. Asima Jan, INSPIRE Faculty (DST) be examined in light of relevant statutes by DRC.

Item

No. 06 Consideration of the request made by following four teachers for grant of recognition as Co-guides to supervise Ph. D/Integrated M.Phil & Ph.D scholars in the discipline of Computer Science.

Resolved that the following Teachers be granted recognition as guides at South Campus and co-guides at the main Campus in the discipline of Computer Science:-

1. Dr. Mohsin Altaf Wani,
Computer Science
South Campus, University of Kashmir
2. Dr. Hilal Ahmad Khanday
Computer Science
South Campus, University of Kashmir
3. Dr. Abid Hussain Wani
Computer Science
South Campus, University of Kashmir
4. Dr. Mudasir Mohd
Computer Science
South Campus, University of Kashmir.

Item

No. 07 Consideration of the request made by Dr. Faheem Syeed Masoodi and Dr. Sajid Yousuf Bhat, Assistant Professors, Deptt. of Computer Sciences for recognition as research guide in the discipline of Computer Science.

Resolved that Dr. Faheem Syeed Masoodi and Dr. Sajid Yousuf Bhat, Assistant Professors, Deptt. of Computer Sciences be granted recognition as guides in the discipline of Computer Science.

Item

No. 08 Consideration the recommendations of Committee for recognition of Directorate of IT & SS as Research Centre to carry out research programme.

Resolved that the proposal be supported by research output of the Centre, extramurally funded projects completed, arrangement for research supervisors etc. The proposal be put up as agenda item for forthcoming Research Council after its modification by Directorate of IT & SS.

Item

No.09 Consideration of recommendations of DRC, Deptt. of Electronics & Instrumentation Technology for grant of co-supervision to Dr. Abdul Mueed Hafiz, Assistant Professor, Deptt. of Electronics and Communication Engineering, Institute of Technology, Zakura Campus to supervise M.Phil/Ph.D scholars in the discipline of Electronics & Instrumentation Technology.

Resolved that Dr. Abdul Mueed Hafiz, Assistant Professor, Deptt. of Electronics and Communication Engineering, Institute of Technology, Zakura be recognized as co-supervisor to supervise research scholars in the discipline of Electronics & Instrumentation Technology.

Item

No.10 Consideration the recommendations made by Departmental Research Committee of Food Science & Technology for consideration of remaining 6 months residency period to be completed by M/S Sadaf Nazir and Farah Naqash, I-Ph.D scholars in summer vacation/winter vacation towards their residency period.

Resolved that the remaining 6 months residency period completed by Sadaf Nazir and Farah Naqash, I-Ph.D scholars in summer vacation/winter vacation be considered for their residency period, subject to production of NOCs from their respective Institutes.

Item

No.11 Consider the synopses for 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:-

- | | |
|----------------------------------|--|
| A. Home Science | B. Food Sciences & Technology |
| C. Computer Science | D. Electronics & Instrumentation Tech |
| E. Pharmaceutical 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/Integrated Ph. D programme on whole-time/part-time basis.

Table item

T. Item

No.1 Consideration of the request made by Dr. M.A. Shah, NIT, Sgr and Dr. Javid Ahmad Banday, Associate Professors for recognition as research guide in the Deptt. of Food Science & Technology.

Resolved that Dr. M.A. Shah and Dr. Javid Ahmad Banday, Associate Professors, NIT, Sgr be granted recognition as co-guides.

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/21
Dated: October , 2021

- 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)



UNIVERSITY OF KASHMIR, SRINAGAR
OFFICE OF THE DEAN RESEARCH

No: F (BORS-App Scs & Tech) KU/21
Dated: October , 2021

- **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)



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)

Annexure-A

Discipline: Home Science

S. No	Name of the scholar	Name of the Supervisor	Proposed topic of research	Approved topic of research	Remarks
01.	Saima Sadif Paul I-Ph.D Whole-time (In-service) Reg. No.53906-W-2008 Human Development	Prof. Neelofar Khan	Assessment of Women Empowerment through Small Scale Dairying in Kashmir	Assessment of Women Empowerment through Small Scale Dairying in Kashmir	
02.	Sumera I-Ph.D NET/SET Whole-time Reg. No. 45622-W-2005 Dietetics & Clinical Nutrition	Dr. Naila Irshad Assistant Professor	Obesity among female University students in Kashmir and the impact of dietary intervention on its management	Obesity among female University students in Kashmir and the impact of dietary intervention on its management	.
03.	Sameena Mohi-ud-din I-Ph.D NET Whole-time Reg. No.57541-W-2010 Human Development	Dr. Shafia Nazir Assistant Professor	Academic Achievement, Mental Health and Self Esteem among Maltreated and Non-maltreated School Going Children	Academic Achievement, Mental Health and Self Esteem among Maltreated and other School going Children	Change the 3 rd objective accordingly.

04.	Qamar-Un-Nisa I-Ph.D SET Whole-time Reg. No.57545-w-2010 Food Science & Nutrition	Dr. Naila Irshad Assistant Professor	Impact of Covid-19 pandemic on Dietary Habits, Lifestyle and Mental Health of Young Adolescents in Kashmir		Refer back to Departmental Research Committee for modification of the topic. Modified synopsis be routed through the Dean of the concerned School for final approval of the Dean Research.
05.	Saadat Sahaabia Majeed I-Ph.D Whole-time Reg. No.50361-W-2007 Human Development	Dr. Hummara Azim Assistant Professor	Comparative Study of Partner Violence on Reproductive Health of Rural and Urban Women in Kashmir	Comparative Study of Partner Violence on Reproductive Health of Rural and Urban Women in Kashmir	
06.	Saima Jan I-Ph.D Whole-time Reg. No.34489-W-2001 Food Science & Nutrition	Dr. Naila Irshad Assistant Professor	Nutritional Adequacy, Dietary Diversity and Health Status of Diabetic and Non-Diabetic Pregnant Women in Kashmir	Nutritional Adequacy, Dietary Diversity and Health Status of Diabetic and Non-Diabetic Pregnant Women in Kashmir	

07.	Saima Ramzan I- Ph. D Whole-time Reg. No.60729-W-2011 Extension & Communication	Prof. Neelofar Khan Prof. Nahid Vaida (Co-supervisor)	A Study on Changing Status of Women in Kashmir: A Comparative Assessment of Rural and Urban Areas	Study on Changing Status of Women in Kashmir: Comparative Assessment of Rural and Urban Areas	Topic modified.
08.	Shayista Akhtar I-Ph. D whole-time Reg. No.60758-W-2011 Dietetics & Clinical Nutrition	Prof. F.A. Masoodi	Prevalence of Irritable Bowel Syndrome in urban and rural areas of Kashmir and clinical response of patients to Low-FODMAP diet	Prevalence of Irritable Bowel Syndrome in urban and rural areas of Kashmir and clinical response of patients to Low-FODMAP diet	
09.	Humera Ashfaq I- Ph. D NET whole-time Reg. No.57549-W-2010 Human Development	Dr. Shafia Nazir Assistant Professor	Impact of Allergic Rhinitis on Quality of life among Young Adults	Impact of Allergic Rhinitis on Quality of life among Young Adults	
10.	Basit Javeed Qureshi I- Ph. D Whole-time Reg. No. 60757-W-2011 Human Development	Dr. Shafia Nazir Assistant Professor	Academic Stress, Emotional Intelligence and Mental Health in relation to Scholastic Achievement among Medical and Engineering Students	A comparative Study of academic Stress, Emotional Intelligence and Mental Health among Medical and Engineering Students	Topic modified.

Annexure- B

Discipline: Food Science & Technology

S. No	Name of the scholar	Name of the Supervisor	Proposed topic of research	Approved topic of research	Remarks
01.	Rubiya Rashid I-Ph. D, Whole-time Reg. No.119-Ph.D-2018	Prof. F. A. Masoodi Dr. Sajad Mohd Wani Associate Professor Division of Food Science & Technology, SKUAST-K	Application of nanoencapsulation technology to enhance bioavailability and stability of bioactive compounds extracted from fruit and vegetable waste	Application of nanoencapsulation technology to enhance bioavailability and stability of bioactive compounds extracted from fruit and vegetable waste	
02.	Shazia Manzoor I-Ph. D Whole-time Reg. No.118-Ph.D-2018	Prof. F. A. Masoodi	Inhibiting the formation of Transfatty Acids during processing of Unsaturated Fats using Vaccum frying and immobilised Lipase Catalysed Interestriification	Inhibiting the formation of Transfatty Acids during processing of Unsaturated Fats using Vaccum frying and immobilised Lipase Catalysed Interestriification	
03.	Nairah Noor I-Ph. D Whole-time Reg. No.55686-W-2009 Food Technology	Dr. Adil Gani Assistant Professor Dr. M.A Shah NIT, Sgr.	Extraction of resistant starch <i>Nelumbo nucifera</i> . L (Lotus): Its nano-reduction for changing techno-functional and nutraceutical properties	Extraction of resistant starch <i>Nelumbo nucifera</i> . L (Lotus): Its nano-reduction for changing techno-functional and nutraceutical properties	

04.	Ifra Hassan I-Ph. D Whole-time Reg. No.1249-PGD-2015	Dr. Adil Gani Assistant Professor Dr. Javid Ahmad Banday Associate Professor Deptt. of Chemistry NIT, Srinagar (Co-supervisor)	Encapsulation of polyphenols from traditional medicinal plants in chitosan based nano fibres for target delivery using 3-D Printing	Encapsulation of polyphenols from traditional medicinal plants in chitosan based nano fibres for target delivery using 3-D Printing	
05.	Gh. Jeelani Raja I-Ph. D Part-time Reg. No.19298-IC-2005	Prof. F. A. Masoodi	Response of different cultivars of Apricot to postharvest treatments under different storage conditions	Response of different cultivars of Apricot to postharvest treatments under different storage conditions	
06.	Maeena Naman Shafiee I-Ph. D Whole-time Reg. No.	Prof. F. A. Masoodi Dr. Sajad Mohd Wani Associate Professor Division of Food Science & Technology, SKUAST-K	Effect of Storage and Processing on Pesticide Residues in locally cultivated Fruits and Vegetables	Effect of Storage and Processing on Pesticide Residues of some Fruits and Vegetables of Kashmir	Topic modified.

Annexure-C**Discipline: Computer Science**

S. No	Name of the scholar	Name of the Supervisor	Proposed topic of research	Approved topic of research	Remarks
01.	Bisma Sultan I-Ph.D Whole-time Reg. No.	Prof. M. Arif Wani	Devising an Efficient Generative Adversarial Network Based Model for Image Steganography	Devising an Efficient Generative Adversarial Network Based Model for Image Steganography	
02.	Mukhtar Ahmad Sofi I-Ph.D Whole-time Reg. No.58481-ANG-2008	Prof. M. Arif Wani	Developing an efficient deep learning algorithm for prediction of secondary structures of proteins	Developing an efficient deep learning algorithm for prediction of secondary structures of proteins	
03.	Arif Ahmad Rather I-Ph.D NET/JRF Whole-time Reg. No.24416-IC-2009	Dr. Manzoor Chahoo Scientist-D	Development of Robust Framework for Clustering Noisy High Dimensional Gene expression Data for Molecular Subtyping of Cancer	Development of Robust Framework for Clustering Noisy High Dimensional Gene expression Data for Molecular Subtyping of Cancer	

04.	Ishfaq Majeed Sheikh I-Ph.D Whole-time Reg. No. 24705-SJ-2011	Dr. Manzoor Chachoo Scientist-D	Design and Development of Collaborative Low Rank Representative Model for Detection of Leukaemia Using Subspace Segmentation	Design and Development of Collaborative Low Rank Representative Model for Detection of Leukaemia Using Subspace Segmentation	
05.	Abdul Waheed Dar I-Ph.D Whole-time Reg. No.21516-SJ-2008	Dr. Umar Farooq Assistant Professor North Campus	Design and Development of Efficient Software Defect Prediction Model for Mitigating Class Imbalance Problem	Design and Development of Efficient Software Defect Prediction Model for Mitigating Class Imbalance Problem	
06.	Khalid Husain I-Ph.D UGC-NET part-time Reg. No. Not given	Dr. Umar Farooq Assistant Professor North Campus Dr. Dawood Ashraf Khan Assistant Professor North Campus (Co-supervisor)	Development of Machine learning based cost estimation models for agile software methodology	Development of Machine learning based cost estimation models for agile software methodology	

07.	Aasia Rehman I-Ph. D Whole-time Reg. No.54727-W-2009	Dr. Muheet Ahmad Butt Scientist-D	Design and Evaluation of a Novel Convolutional Neural Network Based Model for Segmentation of Lesions	Design and Evaluation of a Novel Convolutional Neural Network Based Model for Segmentation of Lesions	
08.	Mohammad Qasim Baba Assistant Professor Islamia College Science & Commerce I- Ph. D Under UGC FIP Scheme whole-time Reg. No.12566-BC-2002	Dr. Waseem Ahmad Bhat Assistant Professor North Campus	Development of an efficient file management approach based on unification of file management policies of operating systems and filing approaches of users	Development of an efficient file management approach based on unification of file management policies of operating systems and filing approaches of users	
09.	Ifra Altaf I-Ph. D Whole-time Reg. No.60685-W-2011	Dr. Muheet Ahmad Butt Scientist-D	Design and Development of a Model for Predicting Diabetes Mellitus from the Markers of Hepatic and Lipid Function Panel Using Ensembles of Deep Neural Networks	Design and Development of a Model for Predicting Diabetes Mellitus from the Markers of Hepatic and Lipid Function Panel Using Ensembles of Deep Neural Networks	
10.	Shafia I-Ph. D Whole-time Reg. No. Not given.	Dr. Manzoor Chachoo Scientist-D	Development of Graph Regularized Nonnegative Matrix Factorization Algorithm Based Framework for Community Detection in Dynamic Networks	Development of Graph Regularized Nonnegative Matrix Factorization Algorithm Based Framework for Community Detection in Dynamic Networks	

11.	Zubair Khaliq I- Ph. D Whole-time Reg. No.21525-SJ-2008	Dr. Umar Farooq Assistant Professor North Campus Dr. Dawood Ashraf Khan Assistant Professor North Campus (Co-supervisor)	Development of Novel Intelligent Automation Framework for User Interface Testing	Development of Novel Intelligent Automation Framework for User Interface Testing	
12.	Lubna Riyaz I-Ph. D NET/SET part-time Reg. No.60675-W-2011	Dr. Muheet Ahmad Butt Scientist-D	Developing a Novel Ensemble Deep Learning Monitoring Framework for Heart Disease Prediction	Developing a Novel Ensemble Deep Learning Monitoring Framework for Heart Disease Prediction	
13.	Mohd Sayeed Bhat I-Ph. D whole-time Reg No.22465-SJ-2009	Dr. Javaid Iqbal Assistant Professor	Developing an Efficient Vulnerability Discovery Model for Web Browsers	Developing an Efficient Vulnerability Discovery Model for Web Browsers	
14.	Sheikh Amir Fayaz I-Ph. D whole-time Reg No.28807-IC-2011	Dr. Majid Zaman Scientist-D	Design and Development of a Hybrid Model Using Deep Learning Neural Network and Random forest (DLNN-RF) on Historical Geographical Data for the Prediction of Rainfall	Design and Development of a Hybrid Model Using Deep Learning Neural Network and Random forest (DLNN-RF) on Historical Geographical Data for the Prediction of Rainfall	

15.	Rayees Ahmad Dar I-Ph. D whole-time Reg No.63416-ANG-2010	Dr. Rana Hashmy Scientist-D	Automatic Fake news detection on Twitter and Facebook using Multiple Modalities of news	Automatic Fake news detection on Twitter and Facebook using Multiple Modalities of news	
16.	Iram Khurshid Bhat I-Ph. D whole-time Reg. No.	Dr. Fasel Qadir	Design and Implementation Cellular Automata-Based Approach for Digital Image Watermarking with Emphasis on Specific Attacks	Design and Implementation of Cellular Automata-Based Approach for Digital Image Watermarking with Emphasis on Specific Attacks	Topic modified.
17.	Irfan Khursheed I-Ph. D whole-time Reg. No.70765-ANG-2012	Dr. Umar Farooq Assistant Professor North Campus	A Case Study for Protecting Application Software from Cracking Vulnerabilities		I. Topic to be modified like: Development of Security Model” II. Resubmit through Dean of the concerned School.
18.	Aadil Rashid Bhat I-Ph. D NET/JRF whole-time Reg. No.26620-IC-2010	Dr. Rana Hashmy Scientist-D	Development of Autoencoder (AE) based integrated multi-omics model for efficient molecular Subtyping of Cancers	Development of Autoencoder based integrated multi-omics model for efficient molecular Subtyping of Cancers	

19.	Niyaz Ahmad Wani I-Ph. D whole-time Reg. No.63365-ANG-2010	Dr. Rana Hashmy Scientist-D	Developing algorithm for Identifying influential users from YouTube social Network based on overlapping communities for prevention of disease spreading		Refer back to Departmental Research Committee for modification of the topic. Modified synopsis be routed through the Dean of the concerned School for final approval of the Dean Research.
20.	Rumisa Lateef I-Ph. D NET/SET whole-time Reg. No.60688-W-2011	Prof. M. Arif Wani	Developing an Efficient Deep Learning model for text summarization	Developing an Efficient Deep Learning model for text summarization	
21.	Junied Khalid Khan I-Ph. D whole-time Reg. No.78-M.Phil-2019	Prof. M. Arif Wan	Developing an Efficient Defense System Against Adversarial Attacks in Deep Neural Networks	Developing an Efficient Defense System Against Adversarial Attacks in Deep Neural Networks	

Annexure- D**Discipline: Electronics & Instrumentation Technology**

S. No	Name of the scholar	Name of the Supervisor	Proposed topic of research	Approved topic of research	Remarks
01.	Shazia Ashraf I-Ph.D Whole-time Reg. No.8-BTCH-2009	Dr. Javaid Ahmad Sheikh Assistant Professor	Design and Implementation of a low Profile and enhanced gain Millimetre wave Antenna Array for 5G applications	Design and Implementation of a Low Profile and Enhanced gain Millimetre Wave Antenna Array for 5G Applications	
02.	Parsa Sarosh I-Ph.D NET Whole-time Reg. No.1278-PGD-2015	Dr. Shabir Ahmad Parah Assistant Professor Dr. Bilal Malik Scientific Officer IOT, Zakura (Co-supervisor)	Design and Implementation of new Secret Sharing and Chaos theory-based Techniques for Personal Health Record (PHR) security	Design and Implementation of New Secret Sharing and Chaos theory-based Techniques for Personal Health Record Security	Recognition order of Dr. Bilal Malik, proposed Co-supervisor of the candidate be provided.
03.	Sheezan Fayaz I-Ph.D Whole-time Reg. No.45981-S-2012	Dr. Shabir Ahmad Parah Assistant Professor Dr. Gh. Jeelani Qureshi Assistant Professor Higher Education Deptt. (Co-supervisor)	Design of Efficient Underwater Image Restoration Algorithms Utilizing Bright and Dark Channel Priors	Design of Efficient Underwater Image Restoration Algorithms Utilizing Bright and Dark Channel Priors	

04.	Jai Preet Kour Wazir Ph.D Whole-time Reg. No.50230-W-2007	Dr. Javaid Ahmad Sheikh Assistant Professor	Design of Deep Learning Algorithms for Speech Separation and its Implementation in Speech Recognition Devices	Design of Deep Learning Methods for Speech Separation and their Implementation in Speech Recognition Devices	Topic modified.
05.	Hilal Ahmad Bhat I-Ph.D Whole-time Reg. No.1490-SME-2010	Dr. Farooq Ahmad Khanday Dr. Khursheed A. Shah (Co-supervisor)	Design and Implementation of Efficient Spin Quantum Computing Arithmetic circuits	Design and Implementation of Efficient Spin Quantum Computing Arithmetic Circuits	
06.	Umhara Rasool Khan I-Ph.D UGC NET/JRF Whole-time Reg. No. Not given	Dr. Javaid Ahmad Sheikh Assistant Professor Dr. Gh. Jeelani Qureshi Assistant Professor Higher Education Deptt. (Co-supervisor)	Design of a meta-material inspired circularly polarized antenna for biomedical applications with special reference to biotelemetry and thermal ablation/ hyperthermia cancer therapy	Design of a Meta-Material Inspired Circularly Polarized Antenna for Biomedical Applications	Topic modified.
07.	Shazia Rashid Direct Ph. D Whole-time Reg. No.115-PHD-2018	Dr. Farooq Ahmad Khanday Dr. Mohammad Rafiq Beigh Assistant Professor (Co-supervisor)	Design and Modeling of Efficient Tunneling Devices for Circuit and Biosensing Applications	Design and Modeling of Efficient Tunneling Devices for Biosensing Applications	Topic modified.

Annexure-E

Discipline: Pharmaceutical Sciences

S. No	Name of the scholar	Name of the Supervisor	Proposed topic of research	Approved topic of research	Remarks
01.	Sheeba Nazir I-Ph. D, Whole-time Reg. No. 22418-NW-2008 Pharma Chemistry	Dr. Mubashir Hussain Masoodi Associate Professor Dr. Seema Akbar Assistant Director RRIUM, Sgr.	Bioactivity guided isolation, Characterization and Pharmacological screening of <i>Lavatera cashmiriana</i> Cambess	Bioactivity guided isolation, Characterization and Pharmacological screening of <i>Lavatera cashmiriana</i> Cambess	
02.	Mohmad Amin Dar I-Ph. D Whole-time Reg. No. 40286-A-2008 Pharmacy Practice	Dr. Mohammad Ishaq Geer Associate Professor Dr. Reyaz Ahmad Malla Assistant Surgeon J&K Health Services (Co-supervisor)	Clinical efficacy, safety, seasonality, prescribing and utilization pattern of cough and cold medications among pediatric patients at a tertiary care hospital		Refer back to Departmental Research Committee for modification of the topic. Modified synopsis be routed through the Dean of the concerned School for final approval of the Dean Research.
03.	Shafiq Rasool I-Ph. D Whole-time Reg. No. 2156-PRBM-2008 Pharmacology	Dr. Mohammad Ishaq Geer Associate Professor	Design and Development of Universal Health Coverage Policy Framework for Jammu and Kashmir	Design and Development of Universal Health Coverage Policy Framework for Jammu and Kashmir	

04.	Abdul Jalil Shah I-Ph. D Whole-time Reg. No.56337-Ang-2008 Pharmaceutics	Dr. Mubashir Hussain Masoodi Associate Professor Dr. Mohammad Younis Dar Research Officer RRIUM, Sgr (Co-supervisor)	Isolation and Evaluation of Bioactive Compounds from Medicinal Plants Processing Anti-Alzheimer Activity	Isolation and Evaluation of Bioactive Compounds from Medicinal Plants Possessing Anti-Alzheimer Activity	
05.	Showkat Ahmad Bhat I-Ph. D Whole-time Reg. No.21207-PC-2010 Pharma Chemistry	Dr. Mubashir Hussain Masoodi Associate Professor Dr. Mohammad Iqbal Zargar Assistant Professor (Co-supervisor)	Bioactive guided isolation, and pharmacological evaluation of some medicinal plants processing anti-microbial and anti-inflammatory activity	Bioactive guided isolation, and pharmacological evaluation of some medicinal plants Possessing anti-microbial and anti-inflammatory activity	
06.	Shazia Javeed I-Ph. D Whole-time Reg. No.58083-W-2010 Pharma Chemistry	Dr. Mubashir Hussain Masoodi Associate Professor Dr. Mohammad Iqbal Zargar Assistant Professor (Co-supervisor)	Bioactive guided isolation of potential hypoglycemic constituent(s) from some valuable medicinal plants of Himalayan Region	Bioactive guided isolation of constituents with hypoglycemic activity from selected medicinal plants of Himalayan Region	Topic modified.

07.	Rabiah Bashir I-Ph. D Whole-time Reg. No.22056-AW-2009 Pharmaceutics	Dr. Nisar Ahmad Khan Assistant Professor	Formulation designing of drug loaded nanofibres for the treatment of ocular diseases	Formulation designing of drug loaded nanofibres for the treatment of ocular diseases	Topic modified.
08.	Hasham Shafi I-Ph. D Whole-time Reg. No.41549-S-2007 Pharmaceutics	Dr. Nisar Ahmad Khan Assistant Professor Dr. Faheem Arjamend Assistant Professor Nanotechnology	Oral fast-dissolving nanofiber for bioavailability enhancement of solubility limited drugs		Refer back to Departmental Research Committee for modification of the topic. Modified synopsis be routed through the Dean of the concerned School for final approval of the Dean Research.
09.	Shabnam Kawoosa I-Ph. D Whole-time Reg. No.45-BPH-2009 Pharmaceutics	Dr. Nisar Ahmad Khan Assistant Professor	Formulation strategy for the treatment of <i>Helicobacter pylori</i> infection with novel gastroretentive solid dispersion of ellagic acid	Formulation of Novel gastroretentive solid dispersion of ellagic acid for the treatment of <i>Helicobacter pylori</i> infection	Topic modified.

10.	<p>Ozaifa Kareem I-Ph. D Whole-time Reg. No.28480-IC-2010</p> <p>Pharmacology</p>	<p>Dr. Ghulam Nabi Bader Assistant Professor</p> <p>Prof. Masood Tanvir GMC, Sgr.</p>	<p>Gene polymorphism, prevalence, risk factors and dose optimization studies of thiamine in thiamine deficiency states during pregnancy and lactation</p>		<p>Refer back to Departmental Research Committee for modification of the topic. Modified synopsis be routed through the Dean of the concerned School for final approval of the Dean Research.</p> <p>The Study pertains to two different areas i.e study of genetic polymorphism with regard to thiamine deficiency and prevalence and risk factors of thiamine deficiency. Can't the scholar concentrate one area. Is there sufficient expertise and facility available for genetic study?</p>
11.	<p>Jahangir Nabi Mir I-Ph. D Whole-time Reg. No.78-BPH-2010</p> <p>Pharmacology</p>	<p>Prof. Nahida Tabasum</p>	<p>Evaluation of Neuroprotective effect of Citrus Flavonoids- Tangeretin, Nobiletin and Scutellarein against Lipopolysaccharide (LPS)-Induced Neuroinflammation in Rats</p>	<p>Evaluation of Neuroprotective effect of selected Citrus Flavonoids against Lipopolysaccharide Induced Neuroinflammation in Rats</p>	<p>Topic modified.</p>

12.	Zahida Shah I-Ph. D Whole-time Reg. No.51997-W-2008 Pharmacology	Dr. Sabeeha Shafi Associate Professor Dr. Afzal Zargar	Studies on anti-inflammatory and anti-asthamatic activity of <i>Bunium persicum</i> (BOISS) B. Fedtsch fruits and <i>Adiantum Capillus veneris</i> using in vivo and in vitro models		I. Refer back to Departmental Research Committee for modification of the topic. Modified synopsis be routed through the Dean of the concerned School for final approval of the Dean Research. II. Objectives not well defined in terms of specific components or class of phytochemicals, the scholar is looking for.
13.	Firdous Ahmad Bhat I-Ph. D Whole-time Reg. No.42958-S-2009 Pharmacology	Dr. Sabeeha Shafi Associate Professor	Phytochemical analysis and Evaluation of anti-inflammatory and anticancer activity of <i>Paeonia emodi</i> and <i>Salvia Moorcroftiana</i> against colon Cancer	Evaluation of anti-inflammatory and anticancer activity of <i>Paeonia emodi</i> and <i>Salvia Moorcroftiana</i> against colon Cancer	Topic modified.
14.	Nazia Banday I-Ph. D Whole-time Reg.No. 38-BPH-2008 Pharmacognosy and Phytochemistry	Prof. Z. A. Bhat	Standardization, Chemoprofiling and Determination of Anti-cancer potential of aerial parts of <i>Senecio laetus</i>		Refer back to Departmental Research Committee for modification of the topic. Modified synopsis be routed through the Dean of the concerned School for final approval of the Dean Research. Following points need to be clarified while submitting the revised synopsis: i) What standardization will be performed in the plant? ii) The scholar may specify which category of phytochemicals be targeting for anticancer study?