



OFFICE OF DEAN RESEARCH STUDIES
UNIVERSITY OF JAMMU

MINUTES OF THE MEETING OF THE BOARD OF RESEARCH STUDIES IN THE FACULTY OF MATHEMATICAL SCIENCES FOR THE SESSION *MARCH, 2026* HELD ON 08.06.2026 AT 11.00 A.M. IN THE OFFICE OF DEAN RESEARCH STUDIES.

PRESENT

1. Prof. Neelu Rohmetra (In Chair)
Dean Research Studies
2. Prof. Vibhakar Mansotra
Department of Computer Science & IT
3. Prof. Rahul Gupta
Department of Statistics
4. Prof. Romesh Kumar
Department of Mathematics
5. Prof. Vinod Sharma
Department of Computer Sc. & IT
6. Prof. Kuldeep Singh Charak
Department of Mathematics
7. Prof. Lalitsen Sharma
Department of Computer Science & IT
8. Prof. Pawanesh Kumar Abrol
Department of Computer Science & IT
9. Prof. Pawan Kumar
Department of Statistics
10. Prof. Parmil Kumar
Department of Statistics


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11. Prof. Shubhnandan Singh Jamwal
Department of Computer Science & IT
12. Prof. Jatinder Manhas
Department of Computer Science & IT

In the introductory remarks, the Dean Research Studies welcomed the members of BORS in the Faculty of Mathematical Sciences and thereafter Assistant Registrar (R&A) took up the Agenda for deliberations on the items: -

ITEM NO. 1:

Considered the confirmation of the Minutes of the meeting of the Board of Research Studies in Mathematical Sciences held on 15.12.2025, as already circulated.

RESOLVED that the Minutes of the meeting of the Board of Research Studies in Mathematical Sciences held on 15.12.2025 as already circulated are confirmed.

ITEM NO. 2

Considered the Progress Reports of the Research Scholars pursuing research leading to the Degree of Doctor of Philosophy in the Faculty of Mathematical Sciences.

RESOLVED that the Progress Reports of the Research Scholars pursuing research leading to the award of Degree of Doctor of Philosophy in the Faculty of **Mathematical Sciences** be placed on record.

Further resolved that the Head of the Department concerned shall initiate the **process for cancellation** of registration of those scholars under rules, whose **three** consecutive progress reports have not been received by the Department after giving an opportunity to the candidate with the consent of the Supervisor. NOC in favour of such candidates be provided by HOD concerned. Further, the cases for cancellation of Registration which are pending due to non-submission of NOC by the scholar concerned, the HOD may obtain the NOC from the concerned offices/libraries through e.mail and send the cases complete in all respect to the office of DRS for further course of action in the matter.

Other observations:

Department of Computer Science & IT:

For candidates at S.No. 1 (Rakesh Kumar) & S.No. 17 (Bhanu Priya): HOD to send cases for cancellation after completing all formalities.

Department of Statistics:

For candidate at S.No. 1 (Ramesh Kumar): HOD to send his case for cancellation after completing all formalities.


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


ITEM NO. 3:

Considered the recommendations of the Departmental Research Committee of the Department of Computer Science & IT and to confirm the action taken by the Competent Authority on the recommendations of the Departmental Research Committees of the Department of Mathematics & Statistics for Constitution of Research Advisory Committee.

S.No.	Name of the Candidate/Date of admission	Department	Research Advisory Committee (RAC)	
1.	Amir Haq Sheikh 12.06.2025	Computer Sc. & IT	1.	Dr. Neeraj Kumar (Convener)
			2.	Prof. Rahul Gupta
			3.	Prof. Jatinder Manhas
2.	Pallvi Verma 12.06.2025	Computer Sc. & IT	1.	Prof. Shubhnandan Singh Jamwal (Convener)
			2.	Prof. Lalit Sen Sharma
			3.	Prof. Pawanesh Abrol
3.	Kuljeet Kumar 12.06.2025	Computer Sc. & IT	1.	Dr. Neeraj Kumar (Convener)
			2.	Prof. Vinod Sharma
			3.	Prof. Jatinder Manhas
4.	Azhar Mehmood 10.06.2025	Computer Sc. & IT	1.	Prof. Lalit Sen Sharma (Convener)
			2.	Prof. Pawanesh Abrol
			3.	Dr. Ashok Sharma
5.	Kiran Samyal 12.06.2025	Computer Sc. & IT	1.	Prof. Vibhakar Mansotra (Convener)
			2.	Dr. Sourabh
			3.	Dr. Ashok Kumar
6.	Mohd Ali 12.06.2025	Computer Sc. & IT	1.	Prof. Pawanesh Abrol (Convener)
			2.	Prof. Lalit Sen Sharma
			3.	Dr. Sourabh
7.	Manmashwar Singh 12.06.2025	Computer Sc. & IT	1.	Prof. Pawanesh Abrol (Convener)
			2.	Prof. Parveen Kumar Lehana
			3.	Dr. Ashok Sharma
8.	Jasbir Singh 11.06.2025	Computer Sc. & IT	1.	Prof. Vibhakar Mansotra (Convener)
			2.	Dr. Sourabh
			3.	Dr. Ashok Sharma
9.	Yogeesh Kumar 12.12.2024 (Action taken confirmation)	Mathematics	1.	Dr. Tirth Ram (Convener)
			2.	Prof. Romesh Kumar
			3.	Dr. Tarun Kumar Chauhan


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10.	Intesham Ansari 13.06.2025 (Action taken confirmation)	Mathematics	1. 2. 3.	Dr. Sarika Verma (Convener) Prof. K.S. Charak Dr. Manish Kumar
11.	Masood Ahmed 09.06.2025 (Action taken confirmation)	Mathematics	1. 2. 3.	Dr. Tirth Ram (Convener) Prof. Romesh Kumar Dr. Sarika Verma
12.	Hafsa 09.06.2025 (Action taken confirmation)	Mathematics	1. 2. 3.	Dr. Tarun Kumar Chauhan (Convener) Prof. Romesh Kumar Dr. Sarika Verma
13.	Ankush Kumar 16.12.2024 (Action taken confirmation)	Statistics	1. 2. 3.	Dr. Sunil Kumar (Convener) Prof. Parmil Kumar Dr. Sarika Verma
14.	Ujjwal Gupta 09.09.2025 (Action taken confirmation)	Statistics	1. 2. 3.	Prof. Parmil Kumar (Convener) Dr. Jatinder Manhas Dr. Manish Kumar
15.	Ranjeet Kour 09.09.2025 (Action taken confirmation)	Statistics	1. 2. 3.	Prof. Pawan Kumar (Convener) Prof. Rahul Gupta Dr. Tirth Ram

RESOLVED that in accordance with Ph.D Statutes 2024, the recommendations of the Departmental Research Committee of the Department of Computer Sc. & IT regarding constitution of Research Advisory Committee (RAC) for scholars mentioned at S.No. 2, S.No. 4 to 6 & S.No. 8 are approved and action taken by the Competent Authority on the recommendations of Departmental Research Committees of Department of Mathematics & Statistics for constitution of Research Advisory Committee for scholars mentioned at S.No. 9 to 15 are confirmed.

For candidates at S.No. 1,3 & 7 RAC as recommended by DRC is approved. However, looking at the nature of the synopsis one additional member to be included in the proposed RAC as per remarks vide Item No. 6 against each candidate.

ITEM NO. 4:

Considered the recommendations of the Departmental Research Committee of the Department of Computer Science & IT for conversion from whole-time to part-time registration in favour of Ms. Akanksha Bali:-

S. No	Name of the Candidate	Supervisor	Date of Registration	Department joined	Date of joining employment/conversion
1	Akanksha Bali	Prof. Vibhakar Mansotra	26.02.2019	Engaged on need based Academic Arrangement	14.10.2024


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				Lecturers in the subject of Computer Applications in Pt. Premnath Dogra. GDC, Samba for the Academic Session 2024-25 vide engagement letter No: GCWG/NPJ/AA2024-25/CI/0145 dated 09.10.2024	
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RESOLVED that in accordance with Ph.D Statutes 2019, the recommendations of the Departmental Research Committee of the Department of Computer Sc. & IT for conversion of status from whole time to Part time registration in favour of Ms. Akanksha Bali w.e.f. date of joining job is approved.

ITEM NO. 5:

Considered the recommendations of the Departmental Research Committee of the Department of Computer Sc. & IT regarding extension beyond five years in favour of Ms. Diksha Sambyal for pursuing research leading to the award of Degree of Doctor of Philosophy in the Faculty of Mathematical Sciences:

S. No.	Name	Department	Name of the Supervisor	Date of registration	Extension w.e.f.
1.	Diksha Sambyal	Comp. Sc. & IT	Dr. Abid Sarwar (Supervisor) & Prof. Jatinder Manhas (Co-Supervisor)	11.12.2020	11.12.2025 to 10.12.2028

RESOLVED that in accordance with Ph.D Statutes 2019, the recommendations of the Departmental Research Committee of the Department of Computer Sc. & IT for grant of extension beyond five years for three years in favour of Ms. Diksha Sambyal w.e.f. the date as shown against her in the period for submission of Ph.D. thesis is approved.


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ITEM NO.6:

Considered the recommendations of the Departmental Research Committees for Ph.D registration of below mentioned candidates in the Faculty of Mathematical Sciences for the Session March, 2026:

S. No.	Name of the Scholar & Status	Academic Qualification/s	University	Topic of Research	Supervisor/ Co-Supervisor	DOR	Fee Details	Remarks, If Any
I) DEPARTMENT OF COMPUTER SCIENCE & IT								
1	Azhar Mehmood S/o Tariq Mehmood (Whole-time) 1000SVNSC16	M.C.A (2022) Comp. Sc. & IT Div. 1 st UGC-NET Course work pass	University of Jammu.	Integrating Ontology Guided Knowledge Graphs with Large Language Models to enhance Causal Inference	Prof. Lalit Sen Sharma	10.06.2025	Receipt No. 3249 Dated: 29.04.2026	Approved.
2	Manmashwar Singh S/o Punjab Singh (Whole-time) 1141GDCRM17	M.C.A (2023) Comp. Sc. & IT CGPA-8.52 UGC-NET Course work pass	University of Jammu.	Soil Carbon Sequestration and Crop Yield Prediction under Biochar Application using Machine Learning Framework	Prof. Pawanesh Abrol	12.06.2025	Receipt No. 3242 Dated: 29.04.2026	Approved. However, One Additional member to be included in RAC from Agricultural Related Sciences.
3	Amir Haq Sheikh S/o AB Kabir (Whole-time) 1653GDCCDO18	M.C.A (2024) Comp. Sc. & IT CGPA-8.71 UGC-NET-JRF Course work pass	University of Jammu.	Artificial Intelligence Based Framework for Gum Disease Diagnosis using Multimodal Dental Data	Dr. Neeraj Kumar (Deptt. of Comp. Sc. & IT, Bhaderwah Campus)	12.06.2025	Receipt No. 3246 Dated: 29.04.2026	Referred back to DRC for revision of title & context as per discussion held in BORS meeting. One Additional member to be included in RAC with Dental Health expertise. Front page of synopsis be sent

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
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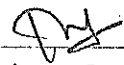


							with Convener's name at S.No. 1 DRS is authorized to approve the modified synopsis on the recommendations of DRC & Dean Faculty of Mathematical Sciences.	
4	Kuljeet Kumar S/o Krishan Chand (Whole-time) 1120GDCBD19	M.C.A (2024) Comp. Sc. & IT CGPA-7.70 UGC-NET Course work pass	University of Jammu.	AI Based Robust Geospatial Data Analytic Framework for Spatiotemporal Modeling of Glacial Lakes and GLOF Hazard Assessment	Dr. Neeraj Kumar (Deptt. of Comp. Sc. & IT, Bhaderwah Campus)	12.06.2025	Receipt No. 3247 Dated: 29.04.2026	Referred back to DRC to revise title, context & objectives as per discussion in BORS meeting. Additional member to be included in RAC with Earth Sciences expertise. Front page of synopsis be sent with Convener's name at S.No. 1 in RAC constitution. DRS is authorized to approve the modified synopsis on the recommendations of DRC & Dean Faculty of Mathematical Sciences.


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5	Pallvi Verma D/o Parshotam Lal (Whole-time) 9-MCA-JU-20	M.C.A (2023) Comp. Sc. & IT CGPA-8.56 UGC-NET Course work pass	University of Jammu.	Multimodal Hate and Offensive Content Detection in Dogri using Machine Learning	Prof. Shubhnandan Singh Jamwal	12.06.2025	Receipt No. 3244 Dated: 29.04.2026	Approved.
6	Kiran Samyal D/o Om Parkash (Whole-time)	M.C.A (2022) Comp. Sc. & IT CGPA-8.92 UGC-NET Course work pass	Baba Ghulam Shah Badshah University Rajouri..	A Robust Framework for the Classification and Identification of Apple Leaves using Machine Learning	Prof. Vibhakar Mansotra	12.06.2025	Receipt No. 3243 Dated: 29.04.2026	Title modified & approved. Title page be sent to the office of DRS for record. Migration Certificate to be submitted to the office of Registration Section.
7	Mohd Ali S/o Nazir Hussain (Whole-time)	M.C.A (2023) Comp. Sc. & IT CGPA-8.24 UGC-NET Course work pass	Baba Ghulam Shah Badshah University Rajouri.	Machine Learning-Based Framework for Soil Moisture Prediction in Rainfed Soils	Prof. Pawanesh Abrol	12.06.2025	Receipt No. 3245 Dated: 29.04.2026	Approved Migration Certificate to be submitted to the office of Registration Section.

II) DEPARTMENT OF MATHEMATICS

8	Yogeesh Kumar S/o Daleep Chand (Whole-time)	M.Sc (2021) Mathematics CGPA-7.85 CSIR-UGC-NET- JRF Course work pass	Central University of Jammu	Optimization Problems and Certain Classes of Variational Inequalities	Dr. Tirth Ram	12.12.2024	Receipt No. 3475 Dated: 05.05.2026	Approved. Migration Certificate to be submitted to the office of Registration Section
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Observations:

1. The candidates mentioned at S.No. 1 to 8 are required to submit an affidavit duly attested by First Class Magistrate to the effect that he/she has/has not joined/engaged in any type of regular/private/adhoc/contractual job w.e.f. the date of enrolment, to the office of DRS for timely issuance of registration letters.

TABLE ITEMS

ITEM NO.1:

Considered the recommendations of the Departmental Research Committee for Ph.D registration of below mentioned candidate in the Faculty of Mathematical Sciences for the Session March, 2026:

S. No	Name of the Scholar & Status	Academic Qualification/s	University	Topic of Research	Supervisor/ Co-Supervisor	DOR	Fee Details	Remarks, If Any
I)	DEPARTMENT OF COMPUTER SCIENCE & IT							
1	Jasbir Singh S/o Mohan Singh (Part-time) 60224-GJ-95	M.C.A (2002) Comp. Sc. & IT Div. 1 st UGC-NET Course work pass	University of Jammu.	A Novel AI-empowered Digital Twin Architecture for Personalized Learning and Early Intervention	Prof. Vibhakar Mansotra	11.06.2025	Receipt No. 3262 Dated: 29.04.2026	Approved

ITEM NO.2:

Considered the request of Supervisor of Ms. Nikita Thakur, Ph.D scholar of the Department of Computer Science & IT regarding appointment of Dr. Palak Mahajan, Department of CSE, Central University of Jammu as Co-supervisor to Ms. Nitika Thakur working under the supervision of Prof. Pawanesh Abrol.

The case was thoroughly discussed in the BORS wherein several issues and concerns were raised by some members w.r.t. the matter. After detailed deliberations it was resolved that the matter be examined at the level of DRC as per the Ph.D Statutes of University and in the light of discussion held in BORS meeting. The decision of the concerned DRC shall be reported to office of DRS for further examination.


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ITEM NO.3:

Considered the cases regarding submission of Ph.D thesis of Mr. Vijay Singh Sen & Parul Gupta for extension beyond statutory period.

S. No.	Name	Department	Name of the Supervisor	Date of registration	Extension w.e.f.
1.	Vijay Singh Sen	Comp. Sc. & IT	Prof. Shubhnandan Singh Jamwal	12.03.2020	11.03.2026 to 10.09.2026
2.	Parul Gupta	Comp. Sc. & IT	Prof. Shubhnandan Singh Jamwal	12.03.2020	11.03.2026 to 10.09.2026

Members were apprised about the background of the case. Members noted the reasons for delay in submission of Ph.D thesis as circulated in the representation of Prof. Shubhnandan Singh Jamwal (Supervisor) addressed to Hon'ble Vice Chancellor. Members examined the case as per the facts provided in the agenda item circulated on table. After detailed discussion, it was resolved that in the interest of the future of said scholars. based on the justification and the reasons submitted by concerned Supervisor, the grant of extension beyond six years for six months only in favour of above mentioned scholars w.e.f. the date as shown against each in the period for submission of Ph.D. thesis is approved. No further extension shall be granted in any circumstance/s. The matter shall be reported to the Academic Council accordingly.

The meeting terminated with vote of thanks to the Chair.

Sd/-
DEAN RESEARCH STUDIES

Sd/-
VICE-CHANCELLOR

RA/MTS/BORS/26/ 2267-83

Dated: 07/07/2026

Copy to:-

1. Spl. Secy. to Vice Chancellor for kind information of worthy Vice Chancellor.
2. Dean Research Studies for kind information.
3. Prof. _____, Head. Department of _____, with the request to circulate the minutes among all the Supervisors concerned and also to initiate follow up action.
4. Prof. _____, Department of _____, Member of BORS. University of Jammu.
5. Department of _____ for office record and further follow up action.

Assistant Registrar (DRS)
07/7/26
7/7/26