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, 2025* HELD ON 16.05.2025 AT 11.00 A.M. IN THE OFFICE OF DEAN RESEARCH STUDIES.

PRESENT

1. Prof. Neelu Rohmetra (In Chair)
   Dean Research Studies

2. Prof. J.P. Singh Joorel
   Department of Statistics

3. Prof. Vibhakar Mansotra
   Department of Computer Science & IT

4. Prof. Rahul Gupta
   Department of Statistics

5. Prof. Romesh Kumar
   Department of Mathematics
   Dean, Faculty of Mathematical Sciences

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. Pawnesh Kumar Abrol
   Department of Computer Science & IT

9. Prof. Pawan Kumar
   Department of Statistics

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In the introductory remarks, the Dean Research Studies welcomed the members of BORS (Mathematical Sciences). Dean Research Studies requested that the cases be submitted to office of Dean Research Studies with explicit recommendations of DRC of respective departments after examining the cases as per norms and the Ph.D Statutes. It was further emphasized that timely submission and completion of the Ph.D work be encouraged by regular progress monitoring & necessary facilitation accordingly by departments. Members appreciated the contributions of Mrs. Alka Gupta Assistant Registrar (R & A) towards the Research and Award Section for having served for a long period and is superannuating. Thereafter, Assistant Registrar (R&A) took up the Agenda for the 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 06.12.2024, as already circulated.

RESOLVED that the Minutes of the meeting of the Board of Research Studies in Mathematical Sciences held on 06.12.2024 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.

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Other observations:

Department of Computer Science & IT: For candidates at S.No. 1 (Rakesh Kumar), S.No. 3 (Rishi Khajuria) & S.No. 17 (Bhanu Priya): HOD to send cases for cancellation after completing all formalities due to expiry of tenure in case of candidates at S.No. 1 & 3, and due to non submission of Progress Reports in case of candidate at S.No. 17.

Department of Statistics: For candidate at S.No. 1 (Ramesh Kumar): HOD to send his case for cancellation after completion of all formalities due to expiry of tenure.

These cases be processed/sent as above within one month of the issuance of these Minutes.

ITEM NO. 3:

Considered the recommendations of the Departmental Research Committees of the department of Statistics, Mathematics and Computer Science & IT for grant of extension in favour of below mentioned scholars w.e.f. the dates as shown against each for two years beyond three years in the period for submission of Ph.D. theses in Faculty of Mathematical Sciences:

S. No	Name of the Candidate	Subject	Supervisor	Date of Registration	Extension required	w.e.f.
1	Sapna Kumari	Statistics	Dr. V.K. Shivgotra	06.06.2022	2 years	06.06.2025 to 05.06.2027
2	Poonam Sharma	Statistics	Prof. Pawan Kumar	28.03.2022	2 years	28.03.2025 to 27.03.2027
3	Zeenat Bhagat	Mathematics	Dr. Tirth Ram	12.05.2022	2 years	12.05.2025 to 11.05.2027
4	Iqbal Kour	Mathematics	Dr. Shallu Sharma	09.05.2022	2 years	09.05.2025 to 08.05.2027
5	Avinash Lakhnotra	Mathematics	Dr. Tirth Ram	13.05.2022	2 years	13.05.2025 to 12.05.2027

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6	Amjad Ali	Mathematics	Prof. Romesh Kumar	09.05.2022	2 years	09.05.2025 to 08.05.2027
7	Megha Raina	Computer Sc. & IT	Prof. Vibhakar Mansotra	06.06.2022	2 years	06.06.2025 to 05.06.2027
8	Sachin Kumar	Computer Sc. & IT	Dr. Sourabh	06.06.2022	2 years	06.06.2025 to 05.06.2027

RESOLVED that in accordance with Ph.D Statutes 2019, the recommendations of the respective Departmental Research Committees of the Departments of Statistics, Mathematics and Computer Science & IT respectively, for grant of extension in favour of above mentioned scholars w.e.f. the dates as shown against them for two years beyond three years in the period for submission of Ph.D. thesis are approved.

ITEM NO. 4:

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

S. No.	Name	Name of the Supervisor	Date of registration	Extension w.e.f.
1.	Parul Gupta	Dr. Shubnandan Singh Jamwal	12.03.2020	12.03.2025 to 11.03.2028
2.	Vijay Singh Sen	Dr. Shubnandan Singh Jamwal	12.03.2020	12.03.2025 to 11.03.2026

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 case of female scholar and one year in case of male scholar), w.e.f. the dates as shown against them in the period for submission of Ph.D. thesis are approved. Further resolved that the candidates be encouraged to submit/complete thesis within stipulated time permitted under Statutes.

ITEM NO. 5:

Confirmation of the action taken by the Competent Authority on the recommendations of the Departmental Research Committee regarding precision of title of below mentioned scholars of Department of Mathematics.

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RESOLVED that in accordance with Ph.D Statutes 2019, and on the recommendations of the Departmental Research Committee in Department of Mathematics, the action taken by the Competent Authority regarding approval of precision of Ph.D title of below mentioned scholars of the department of Mathematics are confirmed.

The titles after precision read as under:-

S.No.	Name of Scholar	Name of Supervisor	Date of Registration	Title already approved	Title after precision
1.	Nikhil Bharti	Prof. K.S. Charak	01.11.2021	Normal Families and their Applications in Complex Dynamics and Harmonic Mappings	Differential Polynomial Extensions of Some Normality Criteria
2.	Pooja Saproo	Dr. Shallu Sharma	01.11.2021	Linear Operators on Generalized Topological Vector Spaces and Topological Groups	On Generalized Topological Vector Spaces and Topological Groups

ITEM NO. 6:

Considered the recommendations of the Departmental Research Committee regarding approval of Dr. Tsering Landol, Assistant Professor, Department of Mathematics, School of Sciences, Cluster University of Jammu as Co-supervisor of Mr. Irfan Ahmed, Ph.D candidate admitted in the Department of Mathematics working under the supervision of Dr. Shallu Sharma

RESOLVED that in accordance with Ph.D Statutes 2024, the recommendations of the Departmental Research Committee of the Department of Mathematics regarding consideration of Dr. Tsering Landol, Assistant Professor, Department of Mathematics, School of Sciences, Cluster University of Jammu to act as Co- supervisor of Mr. Irfan Ahmed is approved in addition to Dr. Shallu Sharma, Department of Mathematics as the Supervisor.

ITEM NO. 7:

Considered the recommendations of the Departmental Research Committee for Constitution of Research Advisory Committee in the Department of Mathematics.

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S.No.	Name of the Candidate	Research Advisory Committee (RAC)
1.	Pratiksha (Date of admission 01.05.2024)	1. Prof. K.S. Charak (Convener) 2. Dr. Sarika Verma 3. Dr. Manish Kumar
2.	Irfan Ahmed (Date of admission 01.05.2024)	1. Dr. Shallu Sharma (Convener) 2. Prof. Romesh Kumar 3. Dr. Tirth Ram
3.	Ruksar Mohabbat (Date of admission 01.05.2024)	1. Prof. Romesh Kumar (Convener) 2. Dr. Shallu Sharma 3. Dr. Tirth Ram

RESOLVED that in accordance with Ph.D Statutes 2024, the recommendations of the Departmental Research Committee of the Department of Mathematics regarding constitution of Research Advisory Committee (RAC) for above mentioned scholars admitted in 2024 are approved.

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ITEM NO.8:

Considered the recommendations of the Departmental Research Committee for registration of the following candidates for Ph.D registration in the faculty of Mathematical Sciences for the Session March, 2025:

S. No.	NAME OF THE SCHOLAR & STATUS	ACADEMIC QUALI-FICATION/S	UNIVERSITY	TOPIC OF RESEARCH	SUPERVISOR/ CO-SUPERVISOR	DOR	FEE DETAILS	REMARKS, IF ANY
I)	**DEPARTMENT OF MATHEMATICS**							
1	Irfan Ahmed S/o Mohammed Din (Whole-time) 132BHIMDC18	M.Sc (2023) Mathematics CGPA-8.26 CSIR-UGC-JRF Course work pass	University of Jammu.	Generalization of Open Sets in Topological Spaces along with the Study of Generalized Metric Spaces	Dr. Shallu Sharma (Supervisor) & Dr. Tsering Landol (Co-supervisor)	01.05.2024	Receipt No. 3370 Dated: 17.04.2025	Approved However, title page be sent with name and signature of Co-supervisor.
2	Rukhsar Mohabbat D/o Mohabbat Hussain (Whole-time) 1173GDCPO15	M.Sc (2020 Mathematics CGPA-8.73 SET Course work pass	University of Jammu.	Weighted Composition Operators and Generalized Function Spaces	Prof. Romesh Kumar	01.05.2024	Receipt No. 3371 Dated: 17.04.2025	Approved
3	Pratiksha D/o Virinder Kumar (Whole-time) 1174GDCRN17	M.Sc (2022) Mathematics CGPA-9.86 CSIR-UGC-NET Course work pass	University of Jammu.	Normality of Various Classes of Meromorphic Functions and Meromorphic Harmonic Mappings in One and Several Complex Variables	Prof. K.S. Charak	01.05.2024	Receipt No. 3369 Dated: 17.04.2025	Approved

NOTE: 1. The candidates mentioned at S.No. 1 to 3 in Item No. 8 are required to submit an affidavit duly attested by first class magistrate to the effect that he/she has not joined/engaged 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.

<u>The meeting terminated with a vote of thanks to the Chair.</u>

Sd/-
DEAN RESEARCH STUDIES

Sd/-
VICE-CHANCELLOR

RA/MTS/BORS/25/ 1606 – 1620
Dated: 3/07/2025

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)