



Central University of Punjab, Bathinda  
ਪੰਜਾਬ ਕੇਂਦਰੀਯ ਵਿਸ਼ਵਵਿਦਯਾਲਯ, ਬਠਿੰਡਾ

Department of Mathematics and Statistics

Ref No. CHP&MAS/23/501

Dated: 14 09-2023

Academic and Administrative Committee (AAC) meeting of the Department of Mathematics and Statistics held on Wednesday, September 13, 2023 at 12:30PM onwards in room no. 324.

Following members were present:

1. Prof. Gauree Shanker
2. Dr. Deep Singh, Associate Professor (Chairperson)
3. Dr. Sachin Kumar, Assistant Professor
4. Dr. Anoop Kumar, Assistant Professor & Convener
5. Dr. Ashok Kumar Pathak, Assistant Professor
6. Dr. Harmanpreet Singh Kapoor, Assistant Professor

In the meeting following issue were raised and discussed:

**Item No. 1**

**PROPOSAL FOR INVITED TALK FOR THE RESEARCH SCHOLARS/STUDENTS OF THE DEPARTMENT**

Members discussed and suggested that Dr. Shalabh Srivastava, Professor, Department of Mathematics & Statistics, I. I. T. Kanpur should be invited for delivering an expert lecture in offline mode on his area of expertise "statistics and data sciences". He will deliver his talk tentatively in month of September, 2023. The lecture will be helpful for the students and the research scholars. Approval for the same will be taken from the competent authority.

**Item No. 2**

**ALLOCATION OF M. SC. STUDENTS FOR P.G. DISSERTATION**

Members discussed and suggested that allocate the students of M.Sc. Mathematics and M.Sc. Statistics among the faculty members for supervising their P.G. Dissertation in third semester/four semester as follows:

**Below is the list of M.Sc. Mathematics students with their supervisors for their P.G. Dissertation.**

Sachin

H.P. Singh Kapoor

Deep Singh

Ashok Kumar Pathak

Anoop Kumar

Deep Singh  
14.09.23

S.No.	Name of Faculty	Specialization	Student's Name
1.	Prof. Gauree Shanker	Geometry and Topology: Riemann-Finsler Geometry, Homogeneous Finsler Spaces, Semi-Riemannian manifolds.	<ol style="list-style-type: none"> <li>1. Shiv Kumar Choudhary</li> <li>2. Manpreet Kaur</li> <li>3. Praveen Kumar Yadav</li> <li>4. Laxmi Bhatt</li> <li>5. Sanju Priya</li> <li>6. Nisha Bharti</li> <li>7. Ravit Kumar</li> <li>8. Amisha</li> </ol>
2.	Dr. Deep Singh	Cryptography, Cryptology, Image Security, Image Processing, Encryption and Decryption Techniques, Cryptographic Boolean functions and Their Generalizations	<ol style="list-style-type: none"> <li>1. Lal Chandra</li> <li>2. Anirban Mallick</li> <li>3. Aswanth RS</li> <li>4. Vishal Prajapati</li> <li>5. Khushi</li> <li>6. Priya</li> <li>7. Asif Khan</li> <li>8. Lalthazuala</li> </ol>
3.	Dr. Sachin Kumar	Lie symmetry analysis and Exact solutions of problems in Partial Differential Equations, Fractional Differential Equations, Dynamical systems, Einstein Field Equations, Mathematical Biology, Mathematical Physics and Fluid Mechanics etc.	<ol style="list-style-type: none"> <li>1. Suvajit Ghosh</li> <li>2. Anjali</li> <li>3. Isha Damani</li> <li>4. Tannu</li> <li>5. Fathima Shehla</li> <li>6. Narayan Chauhan</li> <li>7. Arpit Yadav</li> <li>8. Anuj Kumar</li> </ol>
4.	Dr. Anoop Kumar	First Order Hyperbolic system of Non-linear Partial Differential Equations, Similarity Method, Non-linear PDEs, Existence and Uniqueness of Solutions of Fractional Differential Equations, Numerical Solutions of Differential Equations, Applied Mathematics etc.	<ol style="list-style-type: none"> <li>1. Amit Kumar</li> <li>2. Jagannath Sahoo</li> <li>3. Harshit Taunk</li> <li>4. Rohit Singh</li> <li>5. Anagha AS</li> <li>6. Pankaj Kumar Nayak</li> <li>7. Aditya Barman</li> <li>8. Babu Lal Bunkar</li> </ol>

The list of students and their supervisors for M.Sc. Statistics is given in Annexure-I.

Item No. 3

**PURCHASE OF STATIONARY ITEMS FOR TEACHING AND RESEARCH PURPOSES  
THROUGH THE DEPARTMENT IMPRESSED MONEY**

Sachin

H.P. Singh Kapoor

2


Arshad h. Pathan

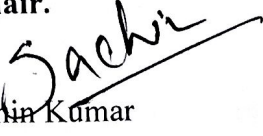
Anoop Kumar

Deep Singh


Members discussed and suggested that stationary is needed for teaching and research. Most of the required items and quantity of the items are not available in the University Store. So the same should be purchased from Department impressed money.

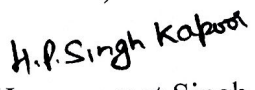
Meeting ended with vote of thanks to chair.

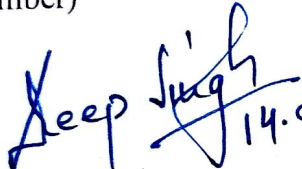
  
Prof. Gauree Shanker  
(Member)

  
Dr. Sachin Kumar  
(Member)

  
Dr. Anoop Kumar  
(Convener)

  
Dr. Ashok Kumar Pathak  
(Member)

  
Dr. Harmanpreet Singh Kapoor  
(Member)

  
14.09.23

Dr. Deep Singh  
(Chairman AAC) and Head  
Department of Mathematics and Statistics


  
15/9/23.  
-Dean, School of Basic Sciences

Submitted to:

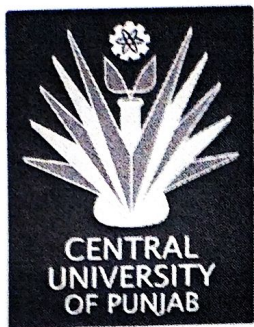
1. Dean In-Charge Academic

Copy to:

1. IQAC

  
15/9/23  
DZA

# Annexure - I



## CENTRAL UNIVERSITY OF PUNJAB

(Established vid Act No. 25(2009) of Parliament)

### Department of Mathematics and Statistics

(DST-FIST Supported)

VPO- Ghudda, Bathinda -151401, Punjab Website: <http://www.cup.ac.in>

Ref. No.: CUPB/MSC/462B

Date 18.08.2023

### List of the M.Sc. Statistics students for P.G. Dissertation during 2<sup>nd</sup> Year

Below is the list of allotment of M.Sc. Statistics students with their supervisors for their P.G. Dissertation.

S.No.	Name of Faculty	Student's Name
1.	Dr. Ashok Kumar Pathak	1. Munjid P. 2. Anjana K 3. T. Jhanavi 4. Alok Kumar Pandey 5. K. Sandeep 6. Shruti Negi 7. P. Hima Darsini Reddy
2.	Dr. Harmanpreet Singh Kapoor	1. Akhil Kuttan 2. Ojashi Gupta 3. T. Pavan Kumar 4. Rayyan PP 5. Anirudh U 6. Chatrathi Priyanka 7. Navya Surendran TV

**Instructions:** Students are advised to meet regularly to their supervisor to discuss their topic/work of dissertation.

H.P. Singh Kapoor  
(Dr. Harmanpreet Singh Kapoor)

Coordinator, Seminar/Presentation/MSc-III  
& IV Semester (Statistics)

Deep Singh  
18.08.2023

Dr. Deep Singh  
Head, Department of Mathematics & statistics  
CUPB