

IQAC ANNUAL DEPARTMENTAL REPORT

Report for the Department of Mathematics Year 2024-25

(Information should be compiled for the period starting from 1st July 2021 to 30th June 2022)

Name of the Teacher In-Charge of the Department: _____**PART A**

1. List of courses (subjects) offered across the department during the year

Program code	Program Name	Course code	Course Name	Year of introduction
563	B.Sc (Hons) Mathematics	DSC-8	Reimann Integration	2022-23
563	B.Sc (Hons) Mathematics	DSC-9	Discrete Mathematics	2022-23
563	B.Sc (Hons) Mathematics	DSC-7	Group Theory	2022-23
563	B.Sc (Hons) Mathematics	DSE-(ii)	Mathematical Modelling and Graph Theory	2019-20
563	B.Sc (Hons) Mathematics	BMATH511	Metric Spaces	2019-20
563	B.Sc (Hons) Mathematics	BMATH512	Group Theory II	2019-20
563	B.Sc (Hons) Mathematics	DSE-2 (ii)	Discrete Mathematics	2019-20
563	B.Sc (Hons) Mathematics	DSE-2 (i)	Probability and Statistics	2019-20
563	B.Sc (Hons) Mathematics	DSC-1 (i)	Numerical Analysis	2019-20
563	B.Sc (Hons) Mathematics	DSC-1 (i)	Numerical Analysis	2019-20
563	B.Sc (Hons) Mathematics	DSC-1	Algebra	2022-23
563	B.Sc (Hons) Mathematics	DSC-2	Elementary Real Analysis	2022-23
563	B.Sc (Hons) Mathematics	DSC-3	Probability and Statistics	2022-23
501	B.A Programme	A-1 Minor	Topics in Calculus	2022-23
501	B.A Programme	A-3	Differential Equations	2022-23
501	B.A Programme	DSE -1	Statistics	2022-23
501	B.A Programme	DSC-3(Major)	Theory of Equations and Symmetries	2022-23

Program code	Program Name	Course code	Course Name	Year of introduction
501	B.A Programme	DSC-1(Major)	Elements of Discrete Mathematics	2022-23
510	B. A. (Hons) Economics	GE-1(i)	Fundamentals of Calculus	2022-23
510	B. A. (Hons) Economics	GE-3	Differential Equations	2019-20
364	B.El.Ed.	O 3.3	Mathematics-2	1998-99
563	B.Sc (Hons) Mathematics	VAC	Vedic Mathematics - 1	2022-23
563	B.Sc (Hons) Mathematics	VAC	Financial Literacy	2022-23
563	B.Sc (Hons) Mathematics	SEC	Analytics/ computing with Python	2022-23
563	B.Sc (Hons) Mathematics	SEC	Programming with python	2022-23
563	B.Sc (Hons) Mathematics	SEC	Advance spreadsheet tool	2022-23
563	B.Sc (Hons) Mathematics	SEC	Basic IT tools	2022-23
563	B.Sc (Hons) Mathematics	DSC-4	Linear Algebra	2022-23
563	B.Sc (Hons) Mathematics	DSC-5	Calculus	2022-23
563	B.Sc (Hons) Mathematics	DSC-6	Ordinary Differential Equations	2022-23
563	B.Sc (Hons) Mathematics	SEC-1	IT skills and Data analysis - II	2022-23
563	B.Sc (Hons) Mathematics	SEC-2	Document preparation and presentation software	2022-23
563	B.Sc (Hons) Mathematics	SEC-3	Advanced Spreadsheet tools	2022-23
563	B.Sc (Hons) Mathematics	VAC-1	Vedic Mathematics - 1	2022-23
510	B. A. (Hons) Economics	GE-2	Introduction to linear Algebra	2022-23
563	B.Sc (Hons) Mathematics	DSC-10	Sequences and series of Functions	2022-23

Program code	Program Name	Course code	Course Name	Year of introduction
563	B.Sc (Hons) Mathematics	DSC-11	Multivariate calculus	2022-23
563	B.Sc (Hons) Mathematics	DSC-12	Numerical Analysis	2022-23
563	B.Sc (Hons) Mathematics	DSE-2 (ii)	Mathematical Modelling	2022-23
510	B. A. (Hons) Economics	GE-4	Elements of Real Analysis	2022-23
563	B.Sc (Hons) Mathematics	BMATH613	Complex Analysis	2019-20
563	B.Sc (Hons) Mathematics	BMATH614	Ring Theory and Linear Algebra-II	2019-20
563	B.Sc (Hons) Mathematics	DSE-3 (i)	Mathematical Finance	2019-20
563	B.Sc (Hons) Mathematics	DSE-3 (ii)	Introduction to Information Theory and Coding	2019-20
563	B.Sc (Hons) Mathematics	DSE-4 (i)	Number Theory	2019-20
563	B.Sc (Hons) Mathematics	DSE-4 (ii)	Linear Programming and Applications	2019-20
501	B.A Programme	DSC-2 (Major)	Analytic Geometry	2022-23
501	B.A Programme	DSC-2 (Minor)	Discipline A-2: Elementary Linear Algebra	2022-23
501	B.A Programme	DSC-4 (Major)	Introduction to Graph Theory	2022-23
501	B.A Programme	DSC-2 (Minor)	Discipline A-4: Abstract Algebra	2022-23
501	B.A Programme	DSE-2	Differential Equations	2022-23
501	B.A Programme	SEC-4	Statistical Software :R (Open to all disciplines)	2022-23
364	B.El.Ed.	O3.3	Mathematics-2	1998-99

2. Courses (Subjects) that include experiential learning through project work/field work/internship (if applicable)

No record found.

3. Placement of outgoing students (On and Off-Campus Placements):

No record found.

4. Students progressing to higher education (passing in the previous academic batch):

Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to	Proof of Admission (ID Card or Admission receipt)
VANSHIKA KATHURIA	B.Sc (Hons) Mathematics			View
MAULI AGGARWAL	B.Sc (Hons) Mathematics			View
NANDINI GUPTA	B.Sc (Hons) Mathematics			View

5. Students qualifying in state/national/ international level examinations

6. Co-curricular programmes arranged by the Department:

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills
5. Placement or Career related talks
6. Preparation for competitive exam, etc.

Name of the Event/Talk/Seminar	Date of the Event (DD-MM-YYYY)	Number of students participated	Number of Faculty Members participated	Short report containing details of names of students/staff, resource persons, geotagged photos, attendance sheets, etc.	Type
No record found.					

***Attendance Register with student's signature to be maintained.**

7. Workshops/Seminars/Conferences (National/International) organized by the Department

Year	Name of the workshop/ seminar/conference	Number of Participants	Date From - To	Attach detailed report including number of participants, geotagged photos, etc)
No record found.				

8. Outstanding visitors to the Department in the course of the academic year:

Name	Designation	Purpose of visit	Date	Attach detailed report including number of participants, geotagged photos, etc)
No record found.				

9. No. of Department meetings held in the course of the academic year:

*Documentation of meetings with proper Agenda and Minutes to be maintained and kept with the department.

10. Library: Budget for the year and its utilization

- a) Total no. of books/journals appertaining to the subject in the College Library: _____
- b) Amount of Library Budget available to the Department: _____
- c) No. of new books/journals added to the library for the Department in the year: _____

11. Laboratory Equipment available in the department (wherever applicable):

- a) Budget of expenditure on maintenance of the equipment:

- b) Actual expenditure on maintenance of the equipment:
 c) Stock register of equipment purchased and discarded in the academic year :

12. Alumni Day and other Alumni related activities/events held during the year

Name of the event	Number of Participants	Date	Report including list of alumni attending, geotagged photographs, alumni as resource persons, etc
No record found.			

***Departments are suggested to maintain a proper alumni database with information related to placements, higher education, competitive exams, etc.**

13. Students in the Department who participated in academic events/competitions in other colleges and universities:

Name of Student	Class	Roll Number	Programme/Event/Competition	Award, if any (Attach the Certificate of Participation/Award)	Venue	Date	Attach photographs, if any
SIYA ARORA	B.Sc (Hons) Mathematics	241006	Competitions		Harnessing AI Tools: Chat Gpt & Other AI Tools	10/2024	View
SIYA ARORA	B.Sc (Hons) Mathematics	241006	Competitions		Kaun Banega Ganitpati	02/2025	View
ANANYA KATHURIA	B.Sc (Hons) Mathematics	240395	Competitions		Innovest	10/2024	View
ANANYA KATHURIA	B.Sc (Hons) Mathematics	240395	Competitions		Start ab	02/2025	View
RIDHI ARORA	B.Sc (Hons) Mathematics	240592	Competitions		Innovest	10/2024	View
PRIYANSHI BHARDWAJ	B.Sc (Hons) Mathematics	240799	Competitions		Start up	02/2025	View
VAIDIKA GUPTA	B.Sc (Hons) Mathematics	241038	Competitions		Startab	02/2025	View
SIYA ARORA	B.Sc (Hons) Mathematics	241006	Competitions		The Auction Frenzy-Bid,win,sold! Competition	03/2025	View
PRANAVI BHALLA	B.Sc (Hons) Mathematics	241092	Competitions		NewMe Campus Challenge	03/2025	View

14. List of students who were awarded honors/merit certificate/recognition from college and university or any other eminent institution:

Name of the activity	Name of the Award/ recognition for Institution for the Institution		Name of the Awarding government/ government recognised bodies	Year of award
No record found.				
Name of Student	Class	Roll Number	Nature of Merit/ Recognition (Attach the Certificate)	Attach photographs, if any
No records found.				

*Details of Sports/Cultural achievements to be provided in the society reports.

15. Number of students of the Department who have participated in Community Development programmes:(from Society portal)

Year	NSS	JMCEP	WDC	NCC	Peace	Green	Departmental	Any other
I Year	2	1	0	3	0	0		
II Year	1	3	0	4	0	0		
III Year	0	0	0	0	0	0		

16. Number of awards and recognitions received for extension activities from government /government recognised bodies (only if done on department level)

Name of the activity	Name of the Award/ recognition for Institution for the Institution	Name of the Awarding government/ government recognised bodies	Year of award
No record found.			

17. Details and activities of Incubation Centre/Entrepreneurial Support Systems formed by the department

18. SWOC Analysis

19. Future Plans

PART B

1. Attendance(a)

Teacher	Class	No. and Title of Paper	No. of Lectures Delivered	No. of students in different attendance categories					
				85% & above	80% above but less than 85%	75% above but less than 80%	70% above but less than 75%	66.6% above but less than 70%	less than 66.6%

2. College Society/Administrative activity/Student Related Activity for which teachers in the Department are responsible:

Name of Teacher	Society/Activity	Type	Indicate Convenor/Member
DR ANU AHUJA	JMC	Speaker Session on " Basic Mathematical Tools for Digital Signal Processing and Wireless"	
DR ANU AHUJA	JMC	Speaker Session on " Markov Chains in Data Science"	
DR ANU AHUJA	JMC	Speaker Session on "Role of Mathematics in Science and Technology"	

Name of Teacher	Society/Activity	Type	Indicate Convenor/Member
DR ANU AHUJA	JMC	Speaker session on “Harnessing AI Tools: Exploring Chat GPT and other powerful Tools”	
DR INDRAKSHI DUTTA	Maths Department	Freshers Social	
DR INDRAKSHI DUTTA	Maths Department	Teachers Day Celebration	
DR INDRAKSHI DUTTA	Maths Dept (Fest)	Speaker Session on	
DR INDRAKSHI DUTTA	Maths Dept.	Speaker Session on	
DR INDRAKSHI DUTTA	Maths Dept.	Speaker Session on	
DR INDRAKSHI DUTTA	Member of Moderation Committee	Administrative activities at Institute level	
DR INDRAKSHI DUTTA	maths department	Farewell	
DR RASHMI SEHGAL THUKRAL	Department of Mathematics, JMC	Mentor	
DR RASHMI SEHGAL THUKRAL	Member, Faculty of Mathematical Sciences	Academic council/BoS of Affiliating university	
DR RASHMI SEHGAL THUKRAL	Member, NIRF Committee, JMC	Administrative activities at Institute level	
DR SUNITA NARAIN	JMC/AII	Organized a talk on Ayurveda and Nutrition	
DR SUNITA NARAIN	JMC/Apollo Hospital	Organized a talk to spread Awareness about Organ Donation	
DR SUNITA NARAIN	JMC	Organised and Judged an Intra College Debate Competition to observe Vigilance Awareness week	
DR SUNITA NARAIN	JMC	Organised and Judged an Intra College Debate Competition to observe Vigilance Awareness weekalk on Ayurveda and Nutrition	
Dr. S. T. Khaiminthang Vaiphei	Department of Mathematics, Jesus and Mary College	Association In Charge	

Name of Teacher	Society/Activity	Type	Indicate Convenor/Member
Dr. S. T. Khaiminthang Vaiphei	External Subject Expert - Board of Studies Member	Others	
Dr. S. T. Khaiminthang Vaiphei	Jesus and Mary College	Community Outreach	
Dr. S. T. Khaiminthang Vaiphei	Jesus and Mary College	Montage'25 (Security - Gate Duty)	
Dr. S. T. Khaiminthang Vaiphei	Jesus and Mary College	Winter Chimes - AICUF Annual Fest	
Dr. S. T. Khaiminthang Vaiphei	Mathematics Department BA Programme Representative	Other responsibilities at Institute level	
Dr. S. T. Khaiminthang Vaiphei	Mathematics Department IQAC Representative	Administrative activities at Institute level	
Dr. S. T. Khaiminthang Vaiphei	Teacher In-Charge, Department of Mathematics	Administrative activities at Institute level	
Dr. S. T. Khaiminthang Vaiphei	UG Admission IT Team (For Christian Minority Students)	Other responsibilities at Institute level	
Dr. S. T. Khaiminthang Vaiphei	test	Society	Co-Convenor
Dr. Shruti Tohan	Governing Body Member	Administrative activities at Institute level	
Dr. Shruti Tohan	Jesus and Mary College	Convenor, Western Dance Society	
Dr. Shruti Tohan	Mathematics Department	Organized session on Harnessing AI tools by Dr. Ritesh Yaduwanshi	
Dr. Shruti Tohan	Mudra: Western Dance	Society	Convenor
Dr. Shruti Tohan	Mudra: Western Dance	Society	Member
Dr. Shruti Tohan	Tarannum: Indian Cultural Society	Society	Convenor
Dr. Shruti Tohan	Teacher-In-Charge	Administrative activities at Institute level	

Name of Teacher	Society/Activity	Type	Indicate Convenor/Member
MS RAMA SAXENA	Coordinator of Skill Enhancement Courses(SEC)	Administrative activities at Institute level	
MS RAMA SAXENA	Hindi quiz Society	Society	Member
MS RAMA SAXENA	Jesus and Mary College	Judged Inter College Hindi Quiz Competition, Montage 2025	
MS RAMA SAXENA	Jesus and Mary College	Orientation programme for first year students (UGCF-NEP),2024-25,SEC/VAC/AEC	
MS RAMA SAXENA	Mathematics, JMC	Speaker Session on “Role of Mathematics in Science and Technology” by Prof. S. Dharmaraja, Professor and Former Head Department of Mathematics, IIT Delhi	
MS RAMA SAXENA	Mathematics, JMC	Judged Inter-college Paper Presentation competition in Matharena- Annual Academic Day	
MS RAMA SAXENA	Mathematics, JMC	Speaker Session on “Basic Mathematical Tools for Digital Signal Processing and Wireless Communication” by Prof. Khole Timothy Poumai, Dept of Mathematics, Motilal Nehru College,	
MS RAMA SAXENA	Mathematics, JMC	Speaker Session on “Harnessing AI Tools: Exploring ChatGPT and Other Powerful Tools” by Dr. Ritesh Yaduwanshi, Assistant Professor, Department of Artificial Intelligence and Data Science, IGDTUW	
MS RAMA SAXENA	Mathematics, JMC	Speaker Session on “Markov Chains in Data Science” by Dr. Vandana Khaitan, Associate Professor, Dept. of Operation Research, University of Delhi	
MS RAMA SAXENA	Member of Academic Advisory Committee(AAC)	Administrative activities at Institute level	
MS RAMA SAXENA	Selection Committee Meeting for the promotion of Assistant Professor (Academic Level 12) to Associate Professor (Academic level 13A)	Administrative activities at Institute level	

Name of Teacher	Society/Activity	Type	Indicate Convenor/Member
PROF.(DR.) AMBIKA BHAMBANI	Admissions	Administrative activities at Institute level	
PROF.(DR.) AMBIKA BHAMBANI	Deputy Superintendent for conducting Under Graduate examination held on 12th June, 2025.	Academic activities at Institute level	
PROF.(DR.) AMBIKA BHAMBANI	Deputy Superintendent for conducting Under Graduate examination held on 13th June, 2025.	Academic activities at Institute level	
PROF.(DR.) AMBIKA BHAMBANI	Deputy Superintendent for conducting Under Graduate examination held on 15th May, 2025.	Academic activities at Institute level	
PROF.(DR.) AMBIKA BHAMBANI	Invigilatiin duties on 19th, 23rd, 27th, 30th.May, 2025	Academic activities at Institute level	
PROF.(DR.) AMBIKA BHAMBANI	Mathematics Dept., JMC	Mentor Ward - BA prog.2nd years	
PROF.(DR.) AMBIKA BHAMBANI	Mathematics Dept.	Teacher's Day Celebration by Students.	
PROF.(DR.) AMBIKA BHAMBANI	Principal Dr sandra's Farewell on 29.04.2025	Administrative activities at Institute level	
PROF.(DR.) AMBIKA BHAMBANI	Staff Council Meeting	Other responsibilities at Institute level	
PROF.(DR.) AMBIKA BHAMBANI	Workload Meeting of the Dept.on 13th May, 2025.	Others	
PROF.(DR.) AMBIKA BHAMBANI	Workload of the Dept.	Academic activities at Institute level	
Richa Krishna Sharma	Curiosus - The English Quiz Society	Society	Member
Richa Krishna Sharma	English Quiz Society	India Quiz held on August 28, 2024	

Name of Teacher	Society/Activity	Type	Indicate Convenor/Member
Richa Krishna Sharma	English Quiz Society	Inter College Quiz - November 11, 2024	
Richa Krishna Sharma	English Quiz Society	Inter College Quiz Festival held on February 21, 2025	
Richa Krishna Sharma	English Quiz Society	Inter College Quiz M.E.L.A. held on November 11, 2024	
Richa Krishna Sharma	English Quiz Society	St. Claudine Thevenet Inter Departmental Quiz held on February 12, 2025	
Richa Krishna Sharma	Placement Cell	Session on Alumni Connect : Navigating CAT Preparation and B-School Insights - September 27, 2024	
Richa Krishna Sharma	Placement Cell	Internity : The Annual Internships Expo - April 23, 2025	
Richa Krishna Sharma	Placement Cell	JMC Career Summit - April 15, 2025	
Richa Krishna Sharma	Placement Cell	Mock Personal Interviews and Group Discussions - October 13, 2024 & October 15, 2024	
Richa Krishna Sharma	Placement Cell	Session on Career Prospects in RBI - November 11, 2024	
Richa Krishna Sharma	Placement Cell	Session on Crafting Consulting Solutions - September 1, 2024	
Richa Krishna Sharma	Placement Cell	Session on Educational Prospects (Scholarships and Opportunities) in France - September 18, 2024	
Richa Krishna Sharma	Placement Cell	Session on Global Banking Compliance and Careers - September 21, 2024	
Richa Krishna Sharma	Placement Cell	Session on Understanding the Basics of Investing and Stock Markets - August 9, 2024	

*Details of events organized by the societies to be given in the society reports only.

3. University assignments undertaken by teachers of the Department. (Paper setting for previous two semesters for which results are declared, syllabus committees, Member of Board of Studies, Member of Department Research Committee, etc)

Paper Setting/evaluation/curriculum development

Name of Teacher	Type	Paper Name	Semester/Year	Supporting Documents/Evidence
DR INDRAKSHI DUTTA	Assessment /evaluation process of the affiliating University	Discrete Mathematics (Practical)	Sem 5	
DR INDRAKSHI DUTTA	Assessment /evaluation process of the affiliating University	Complex Analysis	Sem 6	View
DR RASHMI SEHGAL THUKRAL	Setting of question papers for UG/PG programs	Probability and Statistics Practical	Sem 6	
DR RASHMI SEHGAL THUKRAL	Assessment /evaluation process of the affiliating University	Analytic Geometry and Applied Algebra	Sem 3	View
DR RASHMI SEHGAL THUKRAL	Assessment /evaluation process of the affiliating University	Partial Differential Equations Practical	Sem 5	
DR RASHMI SEHGAL THUKRAL	Assessment /evaluation process of the affiliating University	Probability and Statistics	Sem 6	View
DR RASHMI SEHGAL THUKRAL	Setting of question papers for UG/PG programs	Analytic Geometry and Applied Algebra	Sem 3	
DR RASHMI SEHGAL THUKRAL	Assessment /evaluation process of the affiliating University	Elementary Linear Algebra	Sem 2	
DR RASHMI SEHGAL THUKRAL	Assessment /evaluation process of the affiliating University	Elementary Linear Algebra	Sem 2	
DR RASHMI SEHGAL THUKRAL	Assessment /evaluation process of the affiliating University	Ordinary Differential Equations Practical	Sem 2	View
DR RASHMI SEHGAL THUKRAL	Assessment /evaluation process of the affiliating University	Partial Differential Equations	Sem 5	View
DR RASHMI SEHGAL THUKRAL	Setting of question papers for UG/PG programs	Elementary Linear Algebra	Sem 2	View

Name of Teacher	Type	Paper Name	Semester/Year	Supporting Documents/Evidence
DR RASHMI SEHGAL THUKRAL	Setting of question papers for UG/PG programs	Elementary Linear Algebra	Sem 2	View
DR SUNITA NARAIN	Setting of question papers for UG/PG programs	Probability and Statistics	Sem 5	
DR SUNITA NARAIN	Assessment /evaluation process of the affiliating University	Basic Probabilty and Saisics	Sem 5	
DR SUNITA NARAIN	Design and Development of Curriculum	B. Voc -Healthcare Management and B.Voc- Retail Management & IT	Sem 7	
Dr. S. T. Khaiminthang Vaiphei	Assessment /evaluation process of the affiliating University	IT SKILLS AND DATA ANALYSIS - I (SEC)	Sem 3	
Dr. S. T. Khaiminthang Vaiphei	Assessment /evaluation process of the affiliating University	ADVANCE SPREADSHEET TOOLS (SEC)	Sem 2	
Dr. S. T. Khaiminthang Vaiphei	Assessment /evaluation process of the affiliating University	DIGITAL EMPOWERMENT (VAC)	Sem 2	
Dr. S. T. Khaiminthang Vaiphei	Assessment /evaluation process of the affiliating University	DSC -9: Discrete Mathematics - Semester III	Sem 3	View
Dr. S. T. Khaiminthang Vaiphei	Assessment /evaluation process of the affiliating University	DSE: Research Methodology (Mathematics)	Sem 6	View
Dr. S. T. Khaiminthang Vaiphei	Setting of question papers for UG/PG programs	Mechanics	Sem 4	View
Dr. S. T. Khaiminthang Vaiphei	Assessment /evaluation process of the affiliating University	Mechanics	Sem 4	View
Dr. Shruti Tohan	Setting of question papers for UG/PG programs	Mathematical modeling and Graph theory	Sem 5	

Name of Teacher	Type	Paper Name	Semester/Year	Supporting Documents/Evidence
Dr. Shruti Tohan	Assessment /evaluation process of the affiliating University	Numerical Analysis	Sem 5	
MS RAMA SAXENA	Assessment /evaluation process of the affiliating University	Metric Spaces	Sem 5	
MS RAMA SAXENA	Assessment /evaluation process of the affiliating University	Vedic Mathematics-1	Sem 3	
MS RAMA SAXENA	Setting of question papers for UG/PG programs	Advanced linear algebra	Sem 6	View
MS RAMA SAXENA	Assessment /evaluation process of the affiliating University	Advanced linear algebra	Sem 6	
MS RAMA SAXENA	Assessment /evaluation process of the affiliating University	Vedic Mathematics-1	Sem 4	
PROF.(DR.) AMBIKA BHAMBANI	Assessment /evaluation process of the affiliating University	Linear Programming	Sem 5	
PROF.(DR.) AMBIKA BHAMBANI	Assessment /evaluation process of the affiliating University	Numerical Methods	Sem 5	
Richa Krishna Sharma	Setting of question papers for UG/PG programs	Probability and Statistics (Prac.)	Sem 1	
Richa Krishna Sharma	Setting of question papers for UG/PG programs	Ordinary Differential Equations (Prac.)	Sem 2	
Richa Krishna Sharma	Assessment /evaluation process of the affiliating University	Research Methodology (Prac.)	Sem 6	

4. Publications (books, research papers/articles and book reviews) by members of the Department during the course of the academic year.

a) Number of research papers per teacher in the Journals notified on UGC website

Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (DOI) number			
					Link to website of the Journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other,mention	
No record found.								

b) Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher

Sr.No	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National /International	Year of publication	ISBN/ISSN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Attach Cover Page,Title Page, Content Page
1	DR RASHMI SEHGAL THUKRAL	Introduction to Linear Algebra with Applications in Artificial Intelligence				National	06/2025	978-93-49830-19-6		M/s. Ane Publishers and Distributors LLP.	View

5. Participation of faculty in:

- a. International Conferences held abroad, with topic, place and dates
- b. National/International Conferences held in India, with topic, place and dates

Name of Teacher	Dept.	Name of Conference/Seminar/Meeting/	Nature of Participation(participant/resource person/panelist)	Venue	Duration(from - to)(DD-MM-YYYY)	Attach Certificate of Participation
PROF.(DR.) AMBIKA BHAMBANI	Mathematics	Conference Date: *01st September 2024, on *Interdisciplinary Research on Management, Technology Social Science, Education, and Agriculture*, organised by Institute of Management, Bhubaneswar*.	Conference	Online	09/2024 - 09/2024	

6. Teachers undergoing online/ face-to-face Faculty Development Programmes (FDP) (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short Term Courses etc.)

Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)	Nature of Participation(Participant or resourceperson)	Attach Certificate of Participation
DR SUNITA NARAIN	Ethics AND Integrity	07/2024 - 07/2024	FDP	
DR SUNITA NARAIN	People Analytics wih Power B.I	09/2024 - 09/2024	Seminar	
DR SUNITA NARAIN	MOU for ACCA Courses	09/2024 - 08/2024	Training	
DR SUNITA NARAIN	Empowering Faculty; Bridging the Gap for Seamless Placements	02/2025 - 02/2025	FDP	

Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)	Nature of Participation(Participant or resourceperson)	Attach Certificate of Participation
DR SUNITA NARAIN	Applying game theory to geopolitics	04/2025 - 04/2025	Workshop	
Dr. S. T. Khaiminthang Vaiphei	Mathematical Applications: Computational Ai, Neural Networks and Vedic Mathematics	07/2024 - 06/2025	FDP	View
Dr. S. T. Khaiminthang Vaiphei	Master ChatGPT: Transform Your Life with AI Chatbots-I	07/2024 - 06/2025	Webinar	View
Dr. S. T. Khaiminthang Vaiphei	Speaker Session on “Harnessing AI Tools: Exploring ChatGPT and Other Powerful Tools” by Dr. Ritesh Yaduwanshi, Assistant Professor, Department of Artificial Intelligence and Data Science, IGDTUW on 16th October 2024 in Room No. 308	07/2024 - 06/2025	Workshop	View
Dr. S. T. Khaiminthang Vaiphei	Online Releasing Program of Algorithm (The Mathematics Department - Newsletter) on 9th December, 2024 and Speaker Session on “A Mathematical Formalization of Making Grammars” by Dr. Ayodh Vasant Kamath, Associate Professor, OP Jindal School of Art and Architecture.	07/2024 - 06/2025	Webinar	

Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)	Nature of Participation(Participant or resourceperson)	Attach Certificate of Participation
Dr. S. T. Khaiminthang Vaiphei	Speaker Session on “Role of Mathematics in Science and Technology” by Prof. S. Dharmaraja, Professor and Former Head Department of Mathematics, IIT Delhi 25th February, 2025 on the 1st Day of the Matharena’25 on the theme “Equations of Evolution: Mathematics as the Pulse of Progress” in the Thevenet Hall.	07/2024 - 06/2025	Workshop	View
Dr. S. T. Khaiminthang Vaiphei	Speaker Session on “Basic Mathematical Tools for Digital Signal Processing and Wireless Communication” by Prof. Khole Timothy Poumai, Dept of Mathematics, Motilal Nehru College, Delhi University on 27th February, 2025 on the 2nd Day of the Matharena’25 on the theme “Equations of Evolution: Mathematics as the Pulse of Progress” in the Thevenet Hall.	07/2024 - 06/2025	Workshop	View

Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)	Nature of Participation(Participant or resourceperson)	Attach Certificate of Participation
Dr. S. T. Khaiminthang Vaiphei	Mastering Journal Finder, Clarivate, Quillbot, Type-Set & Grammerly: A Hands-on Workshop	01/2025 - 06/2025	Training	View
Dr. S. T. Khaiminthang Vaiphei	AI Tools in Research and Education	07/2024 - 06/2025	FDP	View
Dr. S. T. Khaiminthang Vaiphei	Probability and Statistics	07/2024 - 06/2025	FDP	View
Dr. S. T. Khaiminthang Vaiphei	Use of ICT in various Types of Assessment and Evaluation	07/2024 - 06/2025	FDP	View
Dr. S. T. Khaiminthang Vaiphei	ChatGPT Mastery	07/2024 - 06/2025	Workshop	View
Dr. S. T. Khaiminthang Vaiphei	Cyber Security Guide for Absolute Beginners	07/2024 - 06/2025	Training	View
Dr. S. T. Khaiminthang Vaiphei	DeepSeek MasterClass: A Complete DeepSeek from Zero to Hero!	07/2024 - 06/2025	Workshop	View
Dr. S. T. Khaiminthang Vaiphei	Master ChatGPT: Transform Your Life With AI Chatbots	07/2024 - 07/2025	Training	View
Dr. S. T. Khaiminthang Vaiphei	The AI Masterclass (June 2025)	07/2024 - 06/2025	Training	View
Dr. S. T. Khaiminthang Vaiphei	Teacher-Training Program on Undergraduate Research and Project Based Learning	07/2024 - 06/2025	Training	View
Dr. S. T. Khaiminthang Vaiphei	ChatGPT Mastery	07/2024 - 07/2025	Workshop	View

Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)	Nature of Participation(Participant or resourceperson)	Attach Certificate of Participation
Dr. S. T. Khaiminthang Vaiphei	NEP 2020 Orientation and Sensitization Programme under Malaviya Mission Teacher Training Programme	07/2024 - 06/2025	FDP	View
MS RAMA SAXENA	Teacher-Training Program on Undergraduate Research and Project-Based Learning	03/2025 - 03/2025	Training	View
PROF.(DR.) AMBIKA BHAMBANI	Attended Faculty Development Programme : Topic : *	10/2024 - 10/2024	FDP	
PROF.(DR.) AMBIKA BHAMBANI	Participated in the Three Days National Level - Online Workshop on	09/2024 - 09/2024	Workshop	
PROF.(DR.) AMBIKA BHAMBANI	Online Workshop: People Analytics with Power B.I. (Business Intelligence), on 13 September, 2024, organised by Alumni Association of Statistics with Department of Statistics, St. John's College, Agra.	09/2024 - 09/2024	Workshop	
PROF.(DR.) AMBIKA BHAMBANI	Conference Date: *01st September 2024, on *Interdisciplinary Research on Management, Technology Social Science, Education, and Agriculture*” , organised by Institute of Management, Bhubaneswar*.	09/2024 - 09/2024	Conference	

Name of teacher who attended	Title of the program	Duration (from - to) (DD-MM-YYYY)	Nature of Participation(Participant or resourceperson)	Attach Certificate of Participation
PROF.(DR.) AMBIKA BHAMBANI	<p>In-person attendance for *Budget 2025 - The Verdict* by CNBC-TV18 at The Oberoi, New Delhi, on Date*: 3rd February (Monday).</p> <p>Speakers* • *Shri Hardeep Singh Puri / Shri Jyotiraditya Scindia / Shri Ashwini Vaishnaw* • *Tuhin Kanta*:- Pandey Finance & Revenue Secretary. • *Shri Ravi Agarwal*:- Chairperson, Central Board of Direct Taxes • *Shri Sanjay Kumar Agarwal*:- Chairman, Central Board of Indirect Taxes and Customs & Special Secretary to the Government of India • *Rajesh Kumar Singh*:- Defence Secretary • *Sandeep Poundrik*:- Secretary Ministry Steel • *Sumita Dawra*:- Labour Secretary • *Nidhi Khare*:- Consumer Affairs Secretary.</p>	02/2025 - 02/2025	Seminar	
Richa Krishna Sharma	One Week FDP On Mathematical Modeling and Simulation Using Python - Level I	07/2024 - 06/2025	FDP	View

7. Honours received by faculty members at the International/National level

Name of the teacher	Nature of Recognition	Granting Authority	Supporting Document
PROF.(DR.) AMBIKA BHAMBANI	Award	Award Won on 1st September, 2024 : ACADEMIC EXCELLENCE AWARD by Institute of Management, Approved and recognized by MSME, Govt.of India & Ministry of HRD, Govt. of India.	
PROF.(DR.) AMBIKA BHAMBANI	Award	Award Won on 1st September, 2024 : RESEARCH EXCELLENCE AWARD by Institute of Management, Approved and recognized by MSME, Govt.of India & Ministry of HRD, Govt. of India.	

8. Teachers who have completed Ph.D/ D.M/M.Ch./D.N.B Super speciality/D.Sc./D.Litt. during the year

Name of full time teacher completing Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D.Litt.	Qualification(Ph.D./D.M/M.Ch./D.N.B Superspeciality/D.Sc./D.Litt.)	Title of the Thesis	University	Attach Proof of Completion/Copy of Degree
No record found.				

9. Number of teachers registered as Research Supervisor and students registered under them:

Name of the Teacher	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type(Government/non-Government)
No record found.							

10. Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs, etc.

Name of the Project/Endowments,Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
No record found.							

11. Teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies

Year	Name of teacher	Name of conference/workshop attended for which financial support provided	Name of professional body for which membership fee is provided	Amount of support/membership fee received (in INR)
No record found.				

12. Mentor Ward Report

Name of the Teacher	Report Link
No record found.	

***Attach the Mentor Ward List of the department teacher-wise with the report.**

Instructions to fill the Departmental Report

- Programme means the degree. For example: B.A. Programme, B.A. Hons, etc.
- Course means the subjects taught within the Programme. For example: Human Resource Management, Calculus, etc.
- The departments are requested to maintain all the supporting documents/reports on a Google Drive Folder (via Department's Mail ID) and attach the link of the respective folder in the tables above.
- All the above information is mandatory to fill.