

DEPARTMENTAL REPORT PROFORMA

Report for the Department of _____ Mathematics _____ Year 2015 – 2016

1 Name of the Teacher Incharge of the Department: DR_ AMBIKA BHAMBANI

2 Attendance 2015 - 2016

	Class	No/name Paper	Lectures taken	85% >	80%>	75%>	70%>	66.8>	66.8<
Dr. Alka Marwah	B.Sc(H) Maths III-section A	Linear Algebra	42	0	4	3	2	2	27
	B.Sc(H) Maths III-section B	Linear Algebra	35	0	2	2	4	3	25
	B.Sc(H) Maths III-section B	Metric Spaces	21	0	2	6	4	5	19
	B.Sc(H) Maths III-section A	Practical's	26	7	3	4	0	0	24
	B.Sc(H) Maths I-section A	Practical's	28	3	6	2	2	1	24
Dr. Anu Ahuja	B.El.Ed IInd year	Maths	65	6	3	2	-	-	-
	B.Sc.(H) Maths IIIrd year- sec A	Calculus of Variation and LP	33	4	3	2	5	4	21
	B.Sc.(H) Math III rd year- sec B	Calculus of Variation and LP	29	4	6	4	6	3	14
	B.Sc.(H) Math Ist year-sec B	Calculus	22	2	2	4	2	3	9
Ms. Richa Krishnan	BA(prog), 1 st Yr	Algebra	25	12	3	4	1	2	9

	section A	Programming							
	B Sc(H) Maths III- section B	Calculus of Variation and Linear Programming	23	2	2	3	4	4	22
	B Sc(H) Maths III- section B	Practicals	23	14	2	1	2	1	17
	B Sc(H) Maths II- section B	Differential Equations and Modeling II	48	19	3	4	6	1	7
	B Sc(H) Maths II- section B	Practicals	16	32	4	1	0	0	3
	B Sc(H) Maths I- section A	Differential Equations	22	28	3	1	2	1	12
	B.Sc(H) Maths I- section B	Differential Equations	22	18	4	1	2	2	10
Ms. Swati Trama	B.Sc.(H) Math IIIrd year- sec A	Algebra V	22	3	3	2	0	3	28
	B.Sc.(H) Math III rd year- sec B	Algebra V	26	1	0	2	0	0	34
	B.Sc.(H) Math II nd year	Algebra III	52	13	2	6	3	3	12

3 College Society for which teachers in the Department are responsible

	B Sc (H) Maths-1A	Real Analysis	23	6	5	7	6	2	21
	B Sc (H) Maths-1B	Real Analysis	43	12	4	7	3	3	18
	B Sc (H) Maths-1B	Differential Equations	19	5	5	7	5	1	24
	Eco(H) 2 nd Year	Elements of Analysis	27	42	4	2	0	3	7
Dr. Rama Saxena	B.Sc.(H) Maths IIIrd year- sec A	Analysis-IV	76	0	2	4	2	3	28
	B.Sc.(H) Maths IIIrd year- sec B	Analysis-IV	50	2	1	2	5	3	24
	B El Ed IIIrd yr	MATHS-II	74	2	0	1	1	1	0
Dr. Ambika Bhambani	B.El.Ed IIrd year	Maths	29	4	0	0	0	0	1
	B.A.(P) 1st Year	Algebra	29	8	6	3	1	2	11
	B.A.(P) II nd Year	Analytic Geometry and Applied Algebra	49	2	2	7	6	1	3
MS. Sunita Narain	B.Sc.(H) Math 1st year-sec A	Analysis	36	26	1	2	1	4	
	B.Sc.(H) Math 1st year-sec B	Analysis	35	18	6	2	5		
Dr. Anu Saxena	B.Sc.(H) Math II nd year	Analysis III	84	5	10	4	2	3	16
	B.A.(H) Eco 1st Year	Generic Elective II. Algebra	74	20	11	12	2	3	13
Ms. Shruti Tohan	B Sc(H) Maths III-	Calculus of Variation and Linear	23	5	2	3	3	1	25

Teacher Name	Society	Member/convener	No. Students	venue	date
Dr. Alka Marwaha	IQAC	Convener			
Dr. Anu Ahuja	Time Table Committee	Member			
Ms. Richa Krishnan	Time Table Committee	Convener			
Dr. Rama Saxena	Fine Arts	Member			
Dr. Ambika Bhambani	Study Leave Committee	Member			
Anu Saxena	Green Society	Member	-	-	-
Shruti Tohan	Website Updation	Convener			

3 Co-curricular programmes arranged by the Department.

Name of Teacher	Programme	Teachers Involved	Award, if any	Venue	Date
➤ Department Teachers	UGC national seminar	Ms. Sunita Narain Dr. Ambika Bhambani		JMC	22 nd September 2015
➤ Department Teachers	Matharena (Academic Day)	Ms. Sunita Narain Dr. Ambika Bhambani		JMC	23 rd September 2015

4 Students in the Department who participated in extra-mural, co-curricular activities within and outside College

Name of Student	Programme	Teachers involved	Award, if any	Venue	Date
Aakriti Jain	Member of Dramatics Society	Jennifer Monteiro		College	16 th Sept'15 - Till date
Annette Joseph	AICUF Core team member Participated in AICUF Debate	Joan Antony Joan Antony		College College	13 th Aug'15 - Till Date 14 th Oct'15
Apoorva Puri	Member of Dramatics Society Vice President Dramatics Society	Jennifer Monteiro Jennifer Monteiro		College College	2014 - Till Date 2015-Till Date

Vandana Singh	AICUF Debate Participated in AICUF singing Competition	Mrs. Sushila		College	28 th Oct 15
	Member of core-committee of Montage (annual college fest) Internship(JoshTalks) Internship (Aditya Birla Group) Participated in Campus Ambassador Program	Dr. Mani A. Nandhi		College	1 st Dec'16 - 16 th March 16
Ananya Jain				College	5 th Sept 15 - 5 th Nov 15 11 th Dec 15 - 11 th Jan 16 31 st Jan 16 - 28 th Feb 16
Prachi Khurana	Rangoli Making- Teacher's Day Green Society Event	Mrs. Sunita Narain		College	4th September 2015
Aarzo	Rangoli Making- Teacher's Day, NAAC Green Society Inauguration, UGC Seminar	Mrs. Sunita Narain		College	4th September 2015 21st September 2015
Sabhya Sethi	Rangoli Making- Teacher's Day, NAAC Green Society Inauguration, UGC Seminar	Mrs. Sunita Narain		College	4th September 2015 21st September 2015
Gaurika Sobti	Rangoli Making- Teacher's Day, NAAC, Green Society Inauguration, UGC Seminar	Mrs. Sunita Narain		College	4th September 2015 21st September 2015
Senra	Rangoli Making- Teacher's Day, NAAC, Green Society Inauguration, UGC Seminar			College Delhi Delhi	
Gaun Charnalia	Inter College Hockey Tournament Women Festival Tournament for Hockey Shyamal Tournament(Hockey)	Mrs. Sunita Narain		College	
Aarushi Singla	Fine Arts Society- Rangoli Making	Mrs. Sunita Narain		College	21st September 2015
Ashmit Kaur	Film Making Competition in UGC Seminar	Mrs. Sunita Narain		College	21st September 2015
Purnima	Film Making Competition in UGC Seminar	Joan Antony		College	21st September 2015
Ansa Mathew	Film Making Competition in UGC Seminar			College	13th Aug'15-25th Apr'16
Natasha Marwah	AICUF- Core Team			Gurgaon	1st June'15-15th Jul'15
Himanshi Sharma	Internship(Fidelity Information Services) Internship(Hope Monkey)			Delhi	1st Sep'14-15th Nov'14
Akanksha Mishra		Mrs. Sunita Narain		Delhi	1st Sep'14-15th Nov'14
Rhea Kudesia Sharon Jacob	Internship(Hope Monkey) Warwick University - Game Theory Course	Mrs. Nishwan	1 st Position	College College	24th Mar'15-28th Mar'15

Diksha Khanna	Internship (OP Bagla & Company)			Delhi	Jan'16-March'16
Khushboo	Internship (Aditya Birla Group)			Delhi	10 th Dec'15-10 th Jan'15
Manaya	Internship (Becoming I Foundation) Participated in Treasure Hunt in Zion (Marketing convention of JMC)			Delhi College	24 th Feb'16
Mansi Arora	Internship (Aditya Birla Group) Internship(The rising people welfare society)			Delhi Delhi	11 th Dec'15 - 11 th Jan'16 1 st Oct'15-31 st Oct'15
Medhavi Sharma	Internship (Zomato) Member of Dramatics Society	Jennifer Monteiro		Gurgaon College	15 June'15 - 13July'15 16 th Sept'15 - Till date
Nishtha Batra	Workshop on E-content Film making competition	Mrs. Shruti Tohan	3 rd Prize	North Campus College	29 th Jan'16 22 nd September 15
Paavni	Member of Dramatics Society	Jennifer Monteiro		College	16 th Sept'15 - Till date
Prachi Singh	Member of Enactus Elected President of Enactus Internship at National Commission for Women Member of JMCMUN society Participated in DU's corporate fest	Mr Raj Kumar		College College ITO College Delhi	2015 - Till Date 2016-2017 15 th June'15 - 30 th June'15 2014 - 2015 30 - 31 st Oct 2014
Prachika	Internship (ToolBox India Foundation) Internship (Aditya Birla Group) Member of Placement-cell	Mrs. Sunita Naram		Delhi College College	Aug'15 - Nov'15 10 th Dec'15 - 10 th Jan'16 15 th July'15 - Till Date
Ravleen	Internship (SeekSherpa)			Delhi	24thSept-24thOct
Ritika	Internship (Indus action) Internship(DU express) Internship (ITW)			Delhi Work From Home Work From Home	31 st Dec'15-31 st Jan'16 8 th April – Till Date 18 th April'16 – Till Date
Rishu Singh	Internship(JoshTalks)	Jennifer Monteiro		College	5 th Sept-5 th Nov
Saumya Gandhi	Member of Dramatics Society	Joan Antony		College	16 th Sept'15 - Till date
Shybi Bose	Participated in singing Competition	Anju Luthra Anju Luthra	1 st Position	College	28 th Oct 2015
Srishti S. Parihar	Participated in 100m Sprint	Joan Antony		College	2 nd March'16
Sruthi Joy	Participated in 4*100m relay	Joan Antony		College	2 nd March'16
				College	14 th Oct'15

	Logo Making competition Fine Arts Society	Bhatia			
Aashna Gutgutia	JaypeeMUN	Mrs Amrita Bhalla	Special Mention High Commendation Certificate of Fellowship	Jaypee Noida	23 rd Jan-24 th Jan 2016
	DUMUN	Mrs Amita Bhalla		Conference Centre Mayur Vihar	7.8&9 April' 16
Kriti Rastogi	World Cultural Festival				11,12&13 th March
Shruti	Digital India Workshop World Cultural Festival	Mrs Preeti Ghosht Mr. Rohit Ranjan		Faculty of Arts	11,12&13 th March
Shipra	Project Eklavya			Indus action Office	25 th Dec-15 th Jan
Lagan Khanna	Member of Indian music society	Mrs. Indrakshi Dutta		2 nd prize in group singing competition at St Stephens NSIT	
	Campus Ambassador Core team member at college fest				
Kajal Chaudhary	World Cultural Festival			3 Certificates as a contemporary Dancer	
	Flashmob participant		Yamuna plains near Mayur Vihar		14thFeb-10 th March
Manaswita	IIT Delhi MUN JMC MUN Jaypee MUN Deltech MUN Rhythm NGO Nanak NGO		Satya Niketan Khan Market		
Sara Stephen	Participated in college fests Netball inter college Miranda house sports fest BITS Pilani Sports SRCC invitational tournament YMCA invitational tournament	Mrs. Anju Mrs. Manmohan		1 st prize 2 nd prize	

Rukma Dangey	WCF		Mayur Vihar	Certificate of fellowship	11.12.13 th March
Shreysi	WCF		Mayur Vihar	Certificate of fellowship	11.12.13 th March
Nancy	Member of Indian music society	Mrs. Indrakshi Dutta		2 nd prize in group singing competition at St Stephens	
Apurva Gupta	Intercollege basketball Netball Inter college Miranda house sports fest BITS Pilani Sports SRCC invitational tournament	Mrs Anju Mrs Manmohan		1 st prize	

5. Number of students of the Department who have participated in Community Development programmes

Year	NSS	JMCEP	WDC	NCC	Peace	Green	Any other
I Year	29						3(AICUF)
II Year	32			3			4 (AICUF)
III Year	53		3	3			6 (AICUF)

6. University assignments undertaken by teachers of the Department (Please do not disclose paper setting and Examination duties)

7. Publications by members of the Department during the course of the academic year. Format must conform to the latest edition of The Chicago Manual of Style Online (<http://www.chicagomanualofstyle.org/home.html>)

List publications alphabetically by surnames of the teachers. Do not include popular articles, or book reviews

- a. Books
- b. Research articles in books or scholarly journals

1. Dr. Alka Marwaha

Book:

Published a book "The Secret World of Vipassana and Mathematics- Zero to Infinity"

2. Shruti Tohan

1 On the Exact Transient Solution of Fluid Queue Driven by a Birth Death Process with Specific Rational Rates and Absorption, Opsearch, Vol 52(4) pp: 746-755 (2015), coauthored with S. Dharmaraja

8 Participation of faculty in International conferences and National Conferences

Name	Dept.	Name of conference	Nature of Participation	Venue	Date
Dr. Alka Marwaha	Mathematics	International Conference on Foundations of Human at Loyolla College	Paper presented	Chennai	
Dr. Anu Saxena	Mathematics	International Conference on Special functions and Application- ICSFA-2015	Invited Speaker	Department of Mathematics, Amity Institute of Applied Sciences, Amity University, Noida, U.P.	12 th Sept. 2015 • programme attached

9 Refresher/Orientation Courses attended

Orientation Program, CPDHE attended by Ms. Rashmi Sehgal Thukral, December 2015

10 Member of any Board/Committee/Panel etc.

Dr. Ambika Bhambani as Teacher in charge &

Ms. Sunita Narain as Subject Expert

in the Selection committee for the post of Assistant professors in the dept. Of Mathematics on adhoc basis on 14th Jan . 2016 held at Jesus & Mary College

11. Honours received by faculty members at the international/national level

12. Outstanding visitors to the Department in the course of the academic year

Name	Designation	Purpose of visit	Date
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13. No. of Department meetings held in the course of the academic year - 4
- Total no. of books appertaining to the subject in the College Library
1572
 - Amount of Library Budget available to the Department
34,947
 - No. of new books added to the library for the Department in the year 2014-15
114
14. Laboratory Budget for the year
- Indicate advantages experienced by the Department in the day to day work
 - College is wi-fi enabled
 - There is a well-equipped computer lab with approx. 60 PCs and 2 OHP's
 - Sophisticated digital software like Mathematica and Matlab are made available by the University for the mathematics students.
 - Disadvantages experienced by the Department
With the increasing number of practicals in every course, the number of systems are still not sufficient
 - Suggestions, if any
15. Any other information
16. What you would like to have done but did not do?
17. List of students who were awarded merit certificate
- Divya Mittal
 - Bhavya Batra
 - Nishtha Batra
 - Gunjan Vanshney
18. No. of student placed in the current academic year
Shagun Gandhi- Deloitte India
Shradha Kochar- Grant Thornton India
19. Student progression - higher studies/academic specify

Anubha
22/9/2016
(Teacher-in-charge
for 2015-16).