

N.S.S. College, Nemmara

Department:

DEPARTMENT ANNUAL REPORT 2023-24*
(update on)

DETAILS OF FACULTY

1. Full time Teachers and Teaching Experience:

No	Name	Date of Joining	Experience
1	MADHAVADAS M	01-06-2010	13 YEARS
2	RAMYA P	25-11-2013	10 YEARS
3	AJITH S KURUP	01-06-2022	1 YEAR
4	DR. LAKSHMIPRIYA N	01-06-2022	1 YEAR
5	ANANDAPADMAKUMAR P	05-06-2023	1 YEAR
6	JAYASREE P	03-06-2023	3 YEARS

2. Number of sanctioned posts: 6

3. Teachers Retired and joined in the year:0

Names of Teachers Retired	Names of Teachers Joined (Permanent)
-	

4. Teachers on contract: 2 (FULL TIME)

No	Name	Date of Joining the institution	Total Experience Teaching
1	ANANDAPADMAKUMAR P	05.06.2023	1 year
2	JAYASREE P	03.06.2023	3 years

5. Qualifications of the teaching staff:

Highest qualification	Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	
Permanent teachers					
Ph.D.				1	
M.Phil.				1	
PG			2	2	
Temporary teachers					
Ph.D					
M.Phil					
PG			2		
Part time teachers					
Ph.D					
M.Phil					
PG			1		

6. Teachers recognized as research guides & number of students

No.	Name of Teacher	No. of Students
1	-	-

Teachers who secured Guideship this year should attach a copy of the order

7. Teachers with other/ additional Qualifications (other than Ph.D, M.Phil):

B.Ed

No.	Name of Teacher	Addl. Qualification. Specify
1		

8. Details of Research papers per teacher in the Journals notified on UGC website:

Name of the Author, Journal, Title of Paper, Date of Publication, impact factor etc. published in 2023-24

Name of the Author	Journal	Title of Paper	Date of Publication	impact factor
Shine Lal Enose, Ramya Perumal and Prasad Thankarajan	Communications of the Korean Mathematical Society	Some classes of operators related to (m,n)-paranormal and (m,n)*-paranormal operators	31.102. 23	0.688
P Ramya, T Prasad and E Shine Lal	Palestine Journal of Mathematics	On (m,n)-class Q and (m,n)-class Q* operators	01.08.2 023	0.175

9. Details of Other Publications:

10. Teachers in:

Academic council/ BoS of Affiliating university, Setting of question papers for UG/PG programs, Design of Curriculum for Add on/ certificate/ Diploma Courses, Assessment /evaluation process of the affiliating University:

No.	Name of Teacher	Name of Council/Body/ evaluation etc.
1.	Madhavadas M	Member BoS MSc (Mathematics)
2	Ajith S Kurup	Question Paper Setter (Kerala University)

Attach copy of order

1. [BoS order](#)

2. [Examiner](#) , [Examiner](#)

11. List of LMS tools used by each teacher for an effective teaching-learning process.

Name of Teacher	LMS/ICT Tools Used
Madhavadas M	Google Drive,Google Meet,
Ramya P	Google Drive,Google Meet
Dr. Lakshmipriya N	Google Meet, Google Drive

12. Teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year. Nil

Name of Teacher	Title of conference/workshop	Amount


Attach Proof

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

No.	Name of Teacher	Title of Course	Type of Course & Agency	Duration of Course
1	Dr. Lakshmipriya N	REFRESHER COURSE IN MATHEMATICS (Theme : Python & Vedic Mathematics)	Teaching Learning Centre & Department of Mathematics Ramanujan College, University of Delhi under the aegis of MINISTRY OF EDUCATION	13 - 26 July, 2023
		4-Week Faculty Induction/Orientation Programme	Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of	22 November - 21 December, 2023

			MINISTRY OF EDUCATION	
2	Ajith S Kurup	4-Week Faculty Induction/Orientation Programme	Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of MINISTRY OF EDUCATION	22 November - 21 December, 2023
	Ajith S Kurup	REFRESHER COURSE IN MATHEMATICS (Vedic Mathematics)	Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of MINISTRY OF EDUCATION	31 MARCH -13 APRIL 2024
3	Madhavadas M	REFRESHER COURSE IN MATHEMATICS (Vedic Mathematics)	Teaching Learning Centre Ramanujan College, University of Delhi under the aegis of MINISTRY OF EDUCATION	31 MARCH -13 APRIL 2024

Attach Proof

1.  fdp_230809_173953.pdf

 fdp certificate.pdf

2 .[FDP Vedic Maths](#)

DETAILS OF STUDENTS

14. Number of sanctioned seats under different category for UG and PG

UG

Gen. Merit	Community	Management	SC	ST	Sports	Differently Abled	Others: Specify
24	4	10	7	2	2	2	1(LKD)

PG

Gen. Merit	Community	Management	SC	ST	Sports	Differently Abled	Others: Specify
10	2	4	3	1	1	1	1(LKD)

Furnish the number of the students admitted

Categories	UG		PG	
	Male	Female	Male	Female
SC	3	4	0	0
ST	0	0	0	0
OBC	6	14	0	9
General	2	5	1	0
Others				
TOTAL	11	23	1	9
Differently Abled*	0	0	0	0

15. Students benefited by scholarships and free-ships and Endowments provided by the Government or Institution:

Name of Scholarship/Freeship/Endowment	Whether by Govt. or Institution	Amount	No. of Students benefitted

Number of outgoing student progression to higher education this year:

UG to PG:	16
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[Details](#)

Attach Proof

16. Courses offered in 2023-24 (Across all Programmes & All Semesters)
BSc Mathematic and MSc Mathematics

17. The list and description of courses which address Professional Ethics, Gender, Human Values, Environment and Sustainability in the Curriculum.

Programme	Sem	Code of Course	Title of Module/Chapter	Theme Addressed

18. Number of students undertaking project work/field work / internships:

	Number of Students	
	UG	
Project work		
Field work		
Internships		

19. Department time table (Attach a copy)

[ODD SEM](#) [EVEN SEM](#)

20. Student project 2023-24

No.	NAME	TOPIC	GUIDE
NNAVSM001	AKHILA K	SYSTEM OF FIRST ORDER DIFFERENTIAL EQUATIONS	Ramya P
NNAVSM002	ATHULYA G	STUDY ON GRAPH COLOURING	Jayasree P
NNAVSM003	FATHIMA K	INTRODUCTION TO RHOTRICES	Dr.Lakshmipriya S
NNAVSM004	PRAJITHA RAJ R	BOOLEAN ALGEBRA	Madhavadas M
NNAVSM005	SAYANA FATHIMA	FUZZY SET THEORY	Ajith S Kurup
NNAVSM006	SIBNA M	PELL'S EQUATION	Anandapadmakumar P
NNAVSM007	SONA K BIJU	SYSTEM OF FIRST ORDER DIFFERENTIAL EQUATIONS	Ramya P
NNAVSM010	ABHINAV B	STUDY ON GRAPH COLOURING	Jayasree P

NNAVSMT012	SIJIN S	INTRODUCTION TO RHOTRICES	Dr.Lakshmipriya S
NNAVSMT014	AISHWARYA S	INTRODUCTION TO RHOTRICES	Dr.Lakshmipriya S
NNAVSMT015	ANJU P B	STUDY ON GRAPH COLOURING	Jayasree P
NNAVSMT016	ANU M	FUZZY SET THEORY	Ajith S Kurup
NNAVSMT017	ANUSHMA P M	BOOLEAN ALGEBRA	Madhavadas M
NNAVSMT018	ASWANI K	SYSTEM OF FIRST ORDER DIFFERENTIAL EQUATIONS	Ramya P
NNAVSMT019	KAVITHA S	STUDY ON GRAPH COLOURING	Jayasree P
NNAVSMT020	KIRANYA K	INTRODUCTION TO RHOTRICES	Dr.Lakshmipriya S
NNAVSMT022	PRABHIMOL P	BOOLEAN ALGEBRA	Madhavadas M
NNAVSMT023	SHAMSIYA FARGANA S	PELL'S EQUATION	Anandapadmakumar P
NNAVSMT024	SNEHA R	BOOLEAN ALGEBRA	Madhavadas M
NNAVSMT025	SURYA M	STUDY ON GRAPH COLOURING	Jayasree P
NNAVSMT026	ABHILASH P	PELL'S EQUATION	Anandapadmakumar P
NNAVSMT030	NANDU K	BOOLEAN ALGEBRA	Madhavadas M
NNAVSMT032	SUBIN P	SYSTEM OF FIRST ORDER DIFFERENTIAL EQUATIONS	Ramya P
NNAVSMT033	ARYA B	INTRODUCTION TO RHOTRICES	Dr.Lakshmipriya S
NNAVSMT034	ASWATHY R	FUZZY SET THEORY	Ajith S Kurup
NNAVSMT035	NANDANA J	SYSTEM OF FIRST ORDER DIFFERENTIAL EQUATIONS	Ramya P
NNAVSMT036	PRINCY U	BOOLEAN ALGEBRA	Madhavadas M
NNAVSMT037	REMYA NAIR A	PELL'S EQUATION	Anandapadmakumar P
NNAVSMT038	GOKUL S	SYSTEM OF FIRST ORDER DIFFERENTIAL EQUATIONS	Ramya P

21. Number of Students benefitted from Special Programmes for advanced learners and slow learners:

	No. of Students
Remedial Teaching	13

Attach List of students- attached

22. Student- Full time teacher ratio in the Department:

Students: Teachers=(33+34+34+9+10): 6

120 : 6 = **20**

23. Mentor – Mentee Ratio:

24. Total number of final year students who appeared for the university examination and passed:(attach proof)

PROGR AMME	Number of students in the class	Number of students Registered	Number of students appeared	Number of students passed	% students passed
UG	45	45	44	29	65.90
PG	11	11	11	6	54.55

[UG results](#)

[PG results](#)

25. Grants received from Government and non-governmental agencies for research projects, endowments:

Granting Agency	Purpose	Amount	No. of Beneficiaries

Attach proof

26. Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship:

Title of Seminar/workshop	Thrust area	Whether funded	No. of Beneficiaries

Attach proof

27. Extension activities in sensitizing students about social issues and holistic development

Title of Activity	Issue Addressed	Whether funded	No. of Beneficiaries

Attach proof

28. Number of awards and recognitions received for extension activities from government/government-recognized bodies:

Attach proof

29. Collaborative activities for research, Faculty exchange, Student exchange/ internships:

Title of Activity	Type of Activity	Whether funded	No. of Beneficiaries

Attach proof

30. Infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

Facility	Number

31. Students received awards/prizes for sports, games and cultural activities at College, University, State, National & International levels Nil

Name of the Student	Activity	Recognition	Level

Attach proof for National/International recognition

1.TUTORIAL MEETINGS

Name of the class and Tutor:

First Year BSc Mathematics- Jayasree P.

Second Year BSc Mathematics - Dr. Lakshmipriya N.

Third Year BSc Mathematics - Ramya P.

First Year MSc Mathematics- Madhavadas M.

Second Year MSc Mathematics- Ajith S. Kurup

2. PTA MEETINGS Conducted for each batch after internal evaluations

1. SLOW LEARNERS :

1.REMEDIAL COACHING:

List of students for Remedial Class			
Final yearBSc Maths students 2023-24			
	Name of students		Name of students
1	PRAJITHA RAJ R	8	SURYA M
2	SONA K BIJU	9	ABHILASH P
3	SIJIN S	10	NANDU K
4	ASWANI K	11	NANDANA J
5	KIRANYA K	12	PRINCY U
6	PRABHIMOL P	13	GOKUL S
7	SHAMSIYA FARGANA S		

Department activities

1.Conducted and celebrated Fibanocci Day on 23rd No 2023

Student “Phi-Esta”

[Phi Esta](#)

2.Conducted Exhibition 30/11/2023 (Open Day) for students.

WORKSHOPS AND CAMP ATTENDED

Orientation/Refresher/FDP/Short term Course:

Dr. Lakshmipriya N - autumn workshop “Advances in Differential Equations : Theory and Computation” during October 02-07, 2023 conducted by School of Mathematics Thapar Institute of Engineering and Technology, Patiala, Punjab.