

Departmental Profile

Department of Mathematics



Vision : Imparting of Quality mathematics education and the inculcating of the spirit of research through innovative teaching and research methodologies. To achieve high standards of excellence in generating and propagating knowledge in Mathematics.

Mission : The Department of Mathematics is diversified community of scholar dedicated to excellence in teaching, scholarship, research and service in the disciplines of mathematics and mathematics education.

1. Name of the Department : Department of Mathematics
2. Year of Establishment : 1988-89
3. Head of the Department : Manoj Solanki
4. e-mail Id : mathsdeptsvc017@gmail.com
5. Phone No : 07552414236 :
6. Built Up Area : Department-
: Class rooms-
7. No. of Teaching Faculty : 02
8. No. of non-teaching staff : Nil
9. Pass percentage UG : 100% (Last Year)
PG : 100% (Last Year)
10. Percentage of Placement / Employment : 50%
11. Courses Offered : (I) UG (II) PG
12. Academic Flexibility

	Course	No. Of Elective Options	Subject Combinations Available
Undergraduate Level	B. Sc.	4	1. Maths, Physics, Chemistry 2. Maths, Industrial Chemistry, Chemistry 3. Maths, Physics, Electronic 4. Maths, Physics, Computer Science
Post Graduate Level	M.Sc.	1	1. M.Sc. I/II Sem. (IV Paper Compulsory & I Optional Total 5) 2. M.Sc. III/IV Sem. (I Paper Compulsory & IV Optional Total 5)

13. Interdisciplinary Courses : BBA Maths/Chemistry Maths

14. Faculty Profile :

S. No.	Name	Qualification	Teaching Experience in Years		Specialization
			UG	PG	
1	Manoj Solanki	M.Sc. PGDCA	30	28	1.Special Function 2.Mathematical Statistics, 3. Analysis
2	Smt. Neha Santani	M.Sc. M.Phil.	25	25	Analysis

15. Departmental Infrastructure:

Library facility	Central library
No. of text books	1375
No. of Reference Books	04
No. of Journals	01
Classrooms	02
Class rooms with ICT facility	02
Student Laboratories	NIL
Research Laboratories	NIL
Internet facility for staff and Students	Yes

16. Instrumentation facilities available in department – One Computer System with Camera

(Name of Instruments)

17. Research

- Approved Research Centre of----- *Barkatullah* university
- No. of teachers as research guides----NA
- Total no. of Ph.D. Awarded -----NA
- Total no. of Research projects undertaken--NA
- Total no. of publications in International journals-10
- Total no. of publications in National journals-----02
- Total no. of publications in proceedings of seminars and conferences--03

- Total no. of papers presented in seminars and conferences--23
- Total no. of International Seminars and conferences attended--18
- Total no. of National Seminars and conferences attended--16
- Total no. of Workshops attended --10
- Total no. of Faculty Development Programme / Trainings attended--04
- Total no. of Books published --Nil
- Total no. of Chapters published in Book--03
- Total no. of Workshops/Seminars / Webinars organized--01
- **No. of Patents published: NIL**

18. Details of Research Projects - Nil

S. No.	Type of Project	Title	Year of Sanction	Funding Agency	Fund Received	Status Ongoing/ Completed

19. Awards/Recognition received by the faculty -NIL

Name	Details	Agency	Regional/ State/National/International
1. Manoj Solanki	Dr. R. G. Patterson , Chief Author of LONDON JOURNALS PRESS , London (U.K.) , have agreed to recognize Prof. Manoj Solanki as honorary Rosalind Member of Londan Journals Press. Membership ID #D24899 is Valid for quarter of the year June 2020 for Manoj Solanki's research Paper Titled " Common Fixed Point Theorem with two self maps in Complex Valued Metric Space. "	LONDON JOURNALS PRESS, London (U.K.)	International

2. Manoj Solanki	01. Prof. Manoj Solanki has participated In 7 th International Science Congress On 8 th & 9 th December 2017 held at College of Science and Technology , Rinchending , Phuentsholing Chukkha , Bhutan as a GUEST SPEAKER .	International Science Congress	Internatinal
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20. Fellow / Life membership of Academic / Scientific bodies-NIL

1. Fellow Member International Science Congress
2. Life Member Vijnana Parishad of Mathematics.

21. Details of Student Enrichment Programs

(Special Lecture/Workshops/Seminars / Webinars etc.)

S. No.	Date	Program	Name of Expert	Organisation
1	11/10/2014	Differential Equation,	Dr. R.S. Chandel	Prof.,Govt. Geetanjali Girls College, Bhopal
2	03/03/2015	Power Point Presentation,	Dr. Anuj Hundit	OHD IT Cell, H.E.MP.
3	29/03/2016	Mathematic Tools,	Dr. Ramakant Bhopal	TIT, BHEL, Bhopal
4	04/10/2016	Vedic Maths,	Dr. Sabakant Diwedi	IEHE Bhopal, Kolar Road
5	14/02/2017	Geometry,	Dr. Anil Rajput	Govt. CSA PG College Sehore
6	13/02/2018	Dis. Mathematic,	Dr. Ramakant Bhradwaj	TIT BHEL Bhopal

22. Placement of Alumni

23. Future Plan:

- 1- To develop Experimental Computer Lab with Matlab & Latex.
- 2- Open new courses with mathematical field.

