

DEPARTMENT OF MATHEMATICS

University School of Sciences
Gujarat University
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Head of the Department : Prof. A. K. Desai



Introduction:

- Year of Establishment : 1959 – 60
- Faculty Position :

Name	Designation	Contact	Qualification	Specialization / Expertise
Dr. Ajay K. Desai	Professor	26753688, 9824062983 desai_ak@yahoo.com	Ph. D.	Topology / Point Set Topology
Dr. Nita H. Shah	Professor	26740469, 9825261816 nitahshah@gmail.com	Ph. D.	Operations Research / Inventory Control & Management, Mathematical Modelling
Hemant D. Kamat	Asst. Prof.	-	M. Sc. – M. S.	Algebra /Algebraic Geometry
Kaushik V. Thaker	Asst. Prof.	9825867429 kv.thaker23@gmail.com	M. Phil.	Functional Analysis / Banach Algebra
Dr. Narendra P. Shrimali	Asst. Prof.	9879159776 narenp05@yahoo.co.in	M. Sc.	Topology / Point Set Topology
Dr. Sanjay K. Patel	Asst. Prof.	9898098427 skpatel27@yahoo.com	Ph. D.	Singular integral operators / Harmonic Analysis

Infrastructure & Facilities:

- 20 Desktop PC
- LCD Projectors
- Printers
- Moderate collection of donated books at the department.

This university, being the oldest university of this region, has large collection of old (= Gold) books at the Central Library. Also it houses the books donated by National Board of Higher Mathematics (NBHM).

- Courses are revised periodically. Last revision: 2010-11 when CBCS was introduced.

Highlights:

- At least one invited lecture is arranged during each semester mainly through the UGC-unassigned grant.
- During the last 5 years the department has organized:
 - one state level, one national level and one international conference
 - one problem solving workshop for the benefit of students appearing in NET-SLET
 - periodical department level workshops for LATEX/BEAMER and Mathematical Computing
- The students of the department are encouraged to take part in programs like the annual conference of Gujarat Ganit Mandal (GGM) and the MTTS (Mathematics Training and Talent Search) Program.
- Preparations for Maths Competitions & Olympiads are conducted at the department.
- Alumni Association (GUDMAA) was inaugurated in 2011. About 200 alumni have so far registered as GUDMAA members. The last event “Remembering Ramanujan” was attended by about 90 GUDMAA members.
- The department staff members voluntarily help students in appropriate placement.
- Department plays significant role in development of Mathematics for School-children.
- Journals/Magazines : Mathematics Today (A Research Journal),
Suganitam (A bimonthly magazine)
- Examination & Evaluation : Internal examinations(Written, Quiz & Seminar)
by the department and Semester examinations
by the University.
- No. of Ph. D. from the department : 35
- No. of M. Phil. from the department : 70

To join GUDMAA- Gujarat University Department of Mathematics Alumni Association, contact the department or send your details to gudmaa@hotmail.com.

Courses Offered

M. Sc.

Course Type	:	Grant in Aid
Intake	:	60
Eligibility	:	B. Sc.
Subject offered	:	Mathematics
Duration	:	4 Semesters
Course started from	:	1959-60
Admission Process	:	By Merit
Fees	:	M. Sc. Semester-I Boys: Rs. 4190/- Girls: Rs. 2190/-
Course offered at	:	Department only
Future Career Opportunity	:	Teaching at school – college – university Research work at an institute & at industries with additional courses

M. Phil.

Course Type	:	Grant in Aid
Intake	:	6
Eligibility	:	55 % at M. Sc. (Maths)
Subject offered	:	Mathematics with specialization in various courses like Analysis, Topology, Geometry, Algebra, Operations Research, etc.
Duration	:	1 year course work + dissertation
Course started from	:	1979-80
Admission Process	:	By Entrance Examination followed by Group Discussion and Personal Interview (GDPI)
Fees (per Semester)	:	Boys: Rs. 4590/- Girls: Rs. 3090/-
Course offered at	:	Department only
Future Career Opportunity	:	Teaching at school – college – university Research work at an institute & at industries with additional courses

Ph. D.

Course Type	:	Grant in Aid
Intake	:	Depending on the vacancies
Eligibility	:	55 % at M. Sc. (Maths)
Subjects offered	:	Mathematics with specialization in various courses like Analysis, Topology, Geometry, Operations Research, etc.
Guides available	:	Prof. A. K. Desai and Prof. Nita H. Shah
Duration	:	Full time: Minimum 2 years & Part time: Minimum 3 years after which the thesis can be submitted
Course started from	:	1965
Admission Process	:	By Entrance Examination followed by Group Discussion and Personal Interview (GDPI)
Fees (per Semester)	:	Boys: Rs. 5590/- Girls: Rs. 4090/-
Future Career Opportunity	:	Teaching at school – college – university Research work at an institute & at industries with additional courses