GOVERNMENT DEGREE COLLEGE

ALAIR,

YADADRI BHONGIR (DIST).

DEPARTMENT OF MATHEMATICS

SRINIVASA
RAMANUJAN
THE MAN WHO KNEW INFINITY
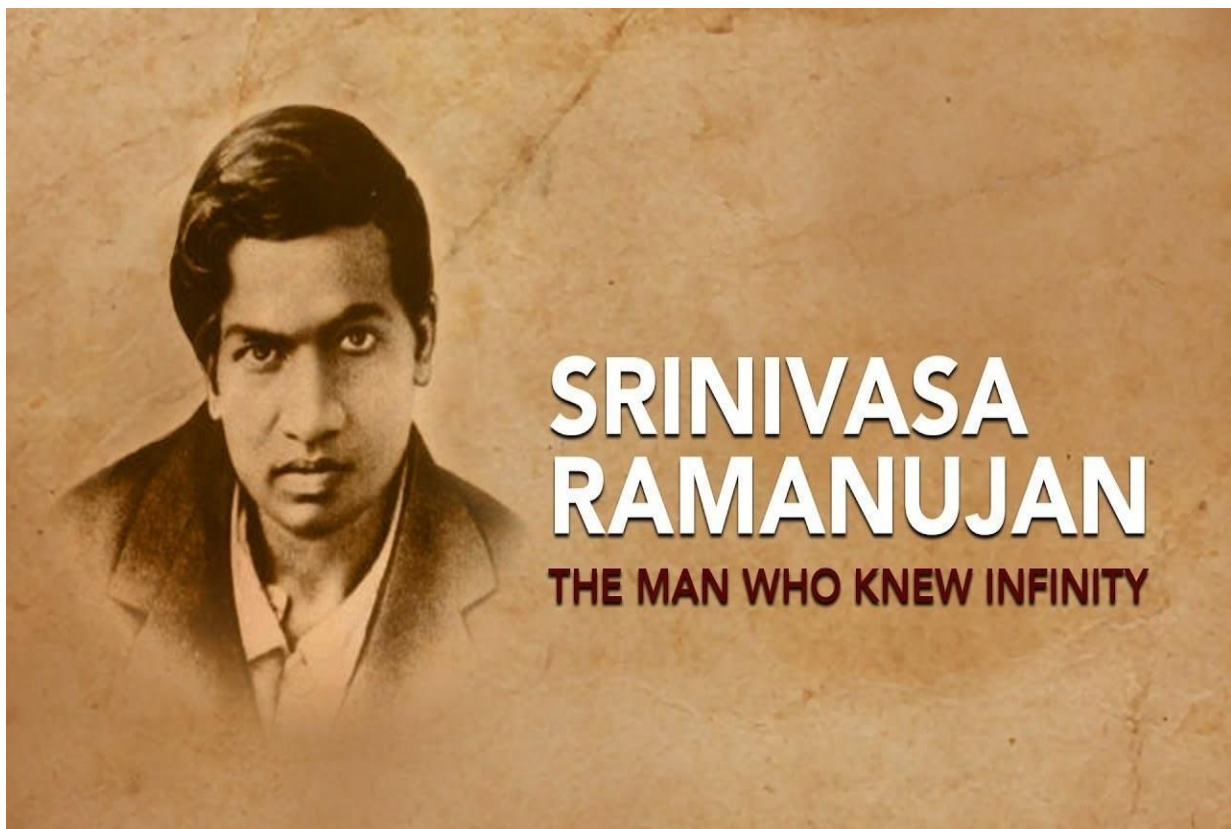
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ABOUT THE DEPARTMENT

Government Degree College Alair was established in November, 2008. Then affiliated to Osmania University, now Mahatma Gandhi University Nalgonda.Department of Mathematics came into existence since inception of the College with the introduction of the B.Sc (M.P.C) and B.Sc (M.P.Cs) regular Courses . Department has 01 sanctioned post.

Presently existing syllabus is designed with necessary modifications from time to time by the University with an avowed aim of exposing the students to all core areas of Mathematics in the gradually changing National and International scientific developments in Mathematics. The course structure is designed to provide regular class room interactions, seminars, Group discursion, Case Studies. The admission to the course is on the basis of performance in the intermediate examination conducted by board of intermediate of Telangana Government.

The faculty members of this department have a voluminous experience to their credit and are sincerely committed to the mission of imparting quality education. They keep themselves -abreast of the rapidly changing world of science.

VISION

To achieve global recognition in Mathematics education, research and training to meet the growing needs of the industry and society.

Mission

- To provide & maintain high quality undergraduate, postgraduate program.
- To promote the discovery, dissemination and application of knowledge involving computing.

- To offer expertise, resources, and services to the community.

- To encourage young researchers & recognize exemplary research.

- To foster personal and professional growth for all students, faculty & staff through external collaboration, and attract external funding.

Goals

- To impart quality education in science and technology to students.
- To promote high level and innovative research and development in science and technology for advancement and dissemination of knowledge.
- To promote better interaction and coordination with premier institutions of the country.

Quality Policy

• To develop a quality system for conscious, consistent and Catalytic programmed action to improve the academic and administrative performance of the Institution.

• To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices

• Development and application of quality benchmarks/parameters for the various academic and administrative activities of the HEI;

• Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;

• Arrangement for feedback responses from students, parents and other stake holders on quality-related institutional processes;

• Dissemination of information on the various quality parameters of higher education.

• Organization of inter and intra-institutional workshops, seminars on quality related themes and promotion of quality circles;

• Documentation of the various programmes/activities of the HEI, leading to quality improvement.

• Acting as a nodal agency of the HEI for coordinating quality-related activities, including adoption and dissemination of good practices;

Students' seminars:

Seminars concept is introduced to bring out the teaching abilities of the students, if they have aspire to take up teaching profession. If they teach, they will learn the topic thoroughly and stage fear can be overcome.

NATIONAL MATHEMATICS DAY

PERSONAL PROFILE OF FACULTY

NAME: B.SRISHAILAM

S/o: Ramanarsaiah

D.O.B: 10-06-1991

Mail.id: srishailambudige@gmail.com

Cell No: 9133628931

DESIGNATION: Lecturer in Mathematics

Educational Qualifications: M.Sc

Experience: Private Degree Lecturer from 2017 to 2019

Guest Lecturer from GDC, Alair 2019 to till date.

Languages Known: English, Telugu, and Hindi.

TIME TABLE (Department of Mathematics)

	I(10.00-11.00)	II(11.00-12.00)	III(12.00-1.00)		IV(1.30-2.30)	V(2.30-3.30)	VI(3.30-4.30)
MON	MPCS-II				MPC-III		
TUE			MPC-III	L		MPCS-II	MPCS-II
WED		MPC-III		U	MPCS-II		
THU		MPCS-II(SEC)	MPC-III		MPCS-II	MPC-III	MPC-III
FRI	II (MPCS)		MPC-III	N		MPCS-II(SEC)	
SAT	MPC-III	MPC-III(TSKC)	MPCS-II(TSKC)	C	MPCS-II	**MPC-III**	**MPC-III**

(Column between III and IV reads vertically: L U N C H)

Profile of the students

- A good number of students comes with an average level of awareness hailing from poor socio-economic back ground as rural first generation literate

- Majority of the students commutes daily from their native villages situated around Alair town by availing bus pass facility provided by TSRTC.

- Despite Low performance at entry level the students are well taught and encouraged to overcome the difficulties by arranging students seminars, organizing extension Lectures and conducting tests.

  - Finally the performance of the students is tested through Semester end examinations.

Result of MPC

**1)Department of Mathematics Result Analysis for the Academic year 2014-15**

Mathematics	No of Appeared	No of Pass	Pass Percentage	Average Pass Percentage
B.Sc(MPC) I Year	04	01	25%	**35.7%**
B.Sc(MPC) IIYear	04	0	0%	
B.Sc(MPC) III Year	06	04	67%	

2)Department of Mathematics Result Analysis for the Academic year 2015-16

Mathematics	No of Appeared	No of Pass	Pass Percentage	Average Pass Percentage
B.Sc(MPC) I Year	06	04	66.66%	75%
B.Sc(MPC) IIYear	04	04	100%	
B.Sc(MPC) III Year	02	01	50%	

3)Department of Mathematics Result Analysis for the Academic year 2016-20

YEAR	SEM-I			SEM-II			SEM-III			SEM-IV			SEM-V						SEM-VI					
	Paper-I			Paper-II			Paper-III			Paper-IV			Paper-V			Paper-VI			Paper-VII			Paper-VIII		
	A	P	%	A	P	%	A	P	%	A	P	%	A	P	%	A	P	%	A	P	%	A	P	%
2016-17	15	5	40	15	4	26.66																		
2017-18	15	2	13.33	14	9	64.28	10	0	0	9	8	88.8	-	-	-	-	-	-	-	-	-	-	-	-
2018-19	08	1	12.5	5	0	0	12	0	0	12	1	8.3	9	2	22.2	9	4	44.4	7	0	0	7	0	0
2019-20							6	03	50				5	4	80									
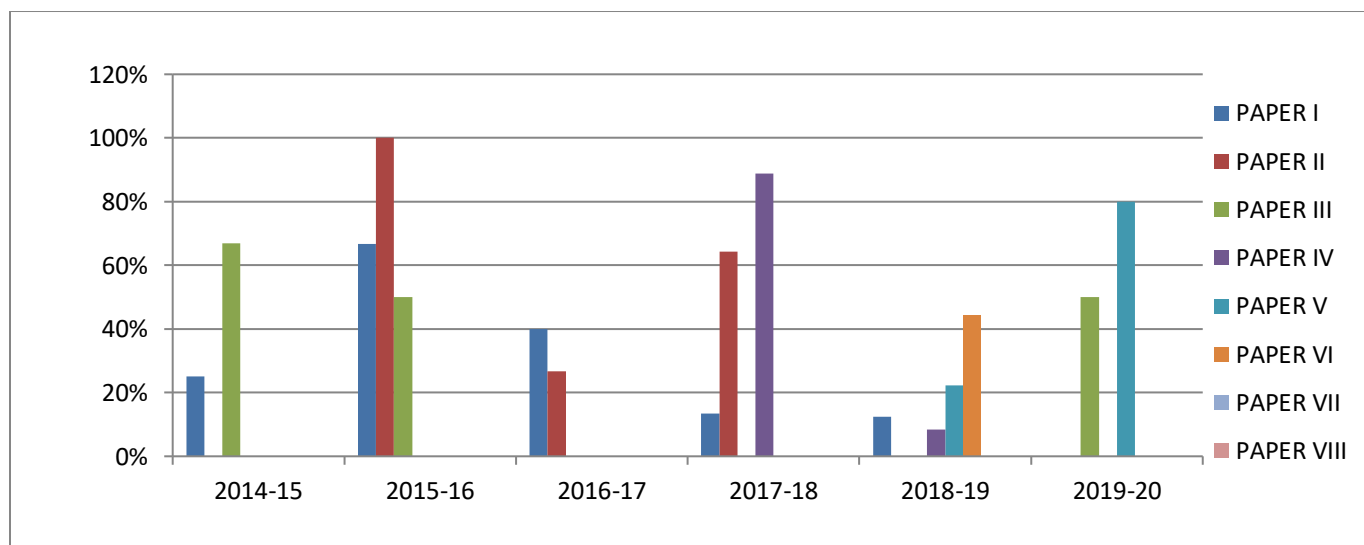
CURRICULAR ASPECTS

1	CURRICULAR ASPECTS AND IMPLEMENTATION	Annual plan is being prepared and implemented
		Teaching plans
		Teaching diaries
		Synopsis
2	DEPARTMENTAL MEETINGS REGISTER	Departmental meetings minutes register maintained
3	ACADEMIC FLEXIBILITY	Additional inputs given to meritorious students in the form of projects
		Following Choice Based Credit System (CBCS SYSTEM).
		Students are encouraged to join in TSKC and Certificate courses.
3	CURRICULUM ENRICHMENT –VALUE ADDITIONS	Human values ,Environmental Science,and Science &technology taught to the students.
4	FEEDBACK SYSTEM	Feedback is being obtained from students, parents and alumni members and analysed.

TEACHING – LEARNING AND EVALUATION

1	Student enrolment and profile	Enrolment is as per merit and reservation up to 2015-16. From 2016-17 online admissions are being given. Student profile is being maintained in the form of student data management system.
2	Catering to student Diversity	Additional inputs to meritorious students in the form of projects and also PG coaching is being given
		Remedial classes for slow learners- seminar classes to the average students
3	Teaching –Learning Process	Lectures Extension Lectures
		Providing study material
		Student seminars
		Quiz
		Internal, slip tests , Term and Pre-final Examinations
		Study project works
		Group Discussion
		Career Guidance and orientation classes
		Power point presentations
		Preparation of charts and models by students.
4	Teacher Quality	**Experienced and well qualified staff.**
		Staff regularly attending O.C & R.C s regularly.
5	Evaluation Process and Reforms	Slip tests
		Assignments
		Internal examinations
		Semester end Examinations
6	Student Performance and Learning Outcomes	Students are pursuing higher studies
		Some students are doing jobs