MILAGRES COLLEGE
KALLIANPUR

DEPARTMENT OF MATHEMATICS

DEPARTMENT PROFILE

2020 – 21

"Mathematics possesses not only truth but supreme beauty – a beauty cold and austere, like that of sculpture."

BERTRAND RUSSELLE

OBJECTIVES

1. **TO MAKE MATHEMATICS INTERESTING AND POPULAR.**

2. **TO IMPROVE THE MATHEMATICAL APTITUDE AMOUNG THE STUDENTS**

3. **TO GENERATE ORIGINAL THINKING.**

4. **TO MOTIVATE THE STUDENTS TO CONTINUE THEIR STUDIES IN MATHEMATICS AFTER GRADUATION.**

FACULTY

NUMBER OF TEACHING STAFF 2

NAME	QUALIFICATION	DESIGNATION	EXPERIENCE
Prof. Surekha	M.Sc , Ph.D	Associate professor	33 yrs
Mrs.Sindhura Rao	M.Sc ,B.Ed	Lecturer	07 yrs

ACTION PLAN

1. Bridge course for I B.Sc

2. Remedial classes for slow learners

3. Guest Lectures and Seminars

4. Guidance for advance learners

5. Model Test

OUTCOME BASED ACTION PLAN

1. Bridge course :

   Students who pass pre – university course and join B.Sc course needs to develop some Mathematical skills and abilities. Among the students admitted to the I B.Sc course , there are slow learners as well as advance learners. The bridge course is a sincere effort to help both the categories of the students ,in view of getting themselves acquainted with the fundamental concepts necessary to understand the subject. Syllabus:
   - Function
   - Limits

- Trigonometry
- Continuous function
- Differentiation
- Integration

The above topics were discussed with illustrations and examples. Later test was conducted .

2. Periodic Test:

Conducted monthly test after each unit and assignments are given.

3. Remedial Class

We conducted remedial classes for slow learners. We listed their names from each class and engaged classes for them. Later test was conducted for them.

4. Advance learners

Advance learners were encouraged to take up classes for slow learners. Also encouraged to write some articles of Mathematics.

5. Model Test

Model test was conducted for B.Sc students at the end of each semester. It helps and develops their confidence to write university exam.

SUMMARY OF UNIVERSITY RESULTS

2020-21 JAN-APRIL EVEN SEM

CLASS	APPEARED	PASSED	%
I B.Sc(II Sem)	54	53	98
II B.Sc(IV Sem)	33	30	91
III B.Sc(VI Sem)	41	41	100

2010-11 JULY-DEC ODD SEM

CLASS	APPEARED	PASSED	%
I B.Sc(I Sem)	51	50	98
II B.Sc(III Sem)	54	54	100
III B.Sc(V Sem)	33	33	100

CLASS	APPEARED	PASSED	%
I B C A (I SEM)	36	31	86
II B C A (III SEM)	27	27	100

BEST PRACTISES:

1. Departmental Notice Board
2. Clippings of articles related to Mathematics are displayed on the wall magazine and file of articles is maintained.
3. Issue of books and question papers from the department library to the students.
4. Problem solving sessions and theorem writing sessions, class room seminars were conducted
5. Free internet facility is given to the students in the department.

ACTIVITIES OF THE DEPARTMENT

National Mathematics Day –Celebration
Program Name: National Mathematics Day.
Date: Wednesday, 22/12/2021
Place: A.V Hall Milagres College
Participants: All BSc students

On 22/12/2021 Department of Mathematics of Milagres college celebrated birth anniversary of Mathematical genius Srinivasa Ramanujan , which is celebrated in India as National Mathematics Day. Young BSc students presented talks, power point presentations on Srinivasa Ramanujan – life and contribution to Mathematics and rewards.Students are encouraged with prizes for their presentation. Miss Nidhi Mathias of final BSc was honored for securing 100 marks in Mathematics as well as in Physics and Chemisrty.Mrs Sindhura of Mathematics Dept gave her comments on the presentations.Mrs Sophiya Dias vice principal and Dr Surekha H.O.D was present on the occassion . Miss Dale of 2nd BSC compered the program.