

MILAGRES COLLEGE KALLIANPUR

DEPARTMENT OF MATHEMATICS

DEPARTMENT PROFILE

2016–2017

“Every Thing in Nature Occur Mathematically.”

Rene Descartes.

OBJECTIVIES

- 1. TO MAKE MATHEMATICS INTERESTING AND POPULAR.**
- 2. TO IMPROVE THE MATHEMATICAL APTITUDE AMONG 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
Dr. Surekha	M.Sc , Ph.D	Associate professor	27yrs
Mrs.Sindhura Rao	M.Sc	Lecturer	1yrs

ACTION PLAN FOR THE YEAR 2016 -2017

1. Bridge course
2. Periodic tests
3. Remedial classes for slow learners
4. Guidance for advance learners
5. Guest lectures
6. class room seminars and seminar competition
7. competitions
8. Model test
9. Science association activities

OUTCOME BASED ACTION PLAN

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 category of the students in view of getting themselves acquainted with the fundamental concepts necessary to understand the subject and to practice the things they have studied in Puc classes.

Syllabus:

- Function
- Limits
- Trigonometry
- Continuous function
- Differentiation
- Integration

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

Periodic Test:

Conducted monthly test after each unit and assignments are given.

Remedial Class

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

Advance learners

Advance learners were encouraged to take up classes for slow learners. Also encouraged to write some articles about mathematics.

Model Test

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

SUMMARY OF UNIVERSITY RESULTS

2016 - 2017 (odd sem)

CLASS	APPEARED	PASSED	%
I BSC	22	19	86.36
II BSC	25	23	92
IIIBSC	36	35	97.22

STUDENTS ACHIVEMENTS:

Miss Sushmitha of 2nd Bsc has won the title **Star of Mathematics** by winning Mathematics competition held at St Aloysius College on the occasion of U.G level intercollegiate Mathematics Fest -2016 on 10th August 2016.

Miss Pragathi Miss Sushmitha Miss Hepzibha of 3rd Bsc have participated in MATH-HEPTATHLON held in Poornaprajna college Udupi on 3- 3-2017.

Staff progression:

Dr Surekha Associate Professor, H.O.D. of Mathematics worked as the chairman of board of Mathematics for the year 2015 – 2016. And also as the member of B.O.E. for the year 2017

Dr Surekha worked as the member of B.O.E. for the year 2015-16 and 2016-17 for SDM, Ujire Deemed University.

She also served as Question paper setter for St. Agnes College, Mangalore.

She is a convener of Mid Day Meal Scheme of our college since 2010 to 2017.

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.

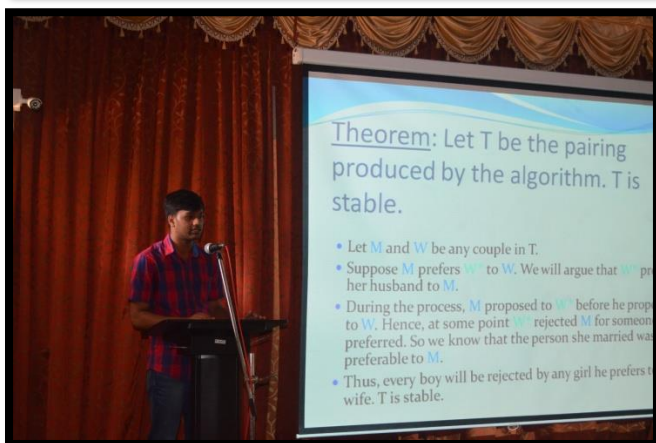
ACTIVITIES OF THE DEPARTMENT

Brief Report Of Dept Of Mathematics-2016

Dept. has organized a guest lecture on 28- 7-2016 Thursday for all Bsc students. Dr Prakash Prabhu H.O.D. of Mathematics of S.D.M college Ujire, Dharmasthala conducted a program on **Maths- Music and Fun**. He explained about the origin and growth of Graph Theory, application of Mathematics in Music and fun problems. Principal Dr Gerald Pinto was the president of the function.

Dept has arranged intercollegiate Mathematics seminar competition on the occasion of Fr.D'Cruz Science seminar competition of Golden jubilee year 2016. on 14-9-2016.







The department also actively participated in Science association activities and arranged intercollegiate Mathematics seminar competition on the occasion of Fr.D'Cruz Science Seminar Competition of Golden Jubilee year 2016, on 14th September, 2016.