

B.N.BANDODKAR COLLEGE OF SCIENCE- THANE

MATHEMATICS DEPARTMENT

REPORT OF SEMINAR DATED 08/12/2012

Mathematics department of B.N.Bandodkar college of Science had organized a seminar on “Recent Research Trends In Mathematics” on December 08, 2012 at Patanjali Sabhagruha.

List of the resource persons invited during the seminar is as follows:

| Sr. No. | Name | Designation and Department | Topic |
|---------|-------------------------|---|--|
| 1 | Dr. Sudhakar Agarkar | Professor, Homi Bhabha Centre of Science and Education, TIFR, Mumbai. | Key note speaker |
| 2 | Dr. Nithya Sai Narayana | Ass. Professor, Ratnam College, Bhandup | Mathematics of Biology and Bioinformatic. |
| 3 | Dr. Seema Purohit | Director, Navinchandra Mehta Institute. Mumbai | Recent trends in Mathematical Modelling and programming. |
| 4 | Dr. Selby Jose | Ass. Professor, Institute of Science, Mumbai. | Different perspectives for a research problem. |

Total number of participants attended the seminar is as follows:

| Sr. No. | Participants | Total |
|---------|------------------------------|-------|
| 1 | Outside Teachers | 16 |
| 2 | Outside students | 18 |
| 3 | In house teachers | 22 |
| 4 | In house students | 72 |
| | Total number of participants | 128 |

About the conference:

Eminent personalities from research areas in Mathematics shared their views with the audience. The conference was inaugurated by the eminent person Dr. Sudhakar Agarkar , professor of Homi Bhabha Research science centre, Mumbai.

An outstanding pass out student of our college, Mr. Salil Sawarkar expressed his thoughts about the research in Mathematics.

In the key note adress, Dr. Sudhakar Agarkar shared his experinces in Teaching methodology and research in Education. The talk was highly apreciated by the audience.

The first session of the seminar was based on the topic, "Mathematics of Biology and Bioinformatic".

Dr. Nithya Narayana of Ratnam College, Bhandup threw light on Biomathematics and areas of research, DNA and Genetic matrix, Fractal geometry that is applied in Biological sciences.

The second session of the seminar was on "Recent research trends in Mathematical modelling". Dr. Seema Purohit, Director of Navinchandra Mehta Institute, talked about the various Mathematical models used in various fields.

Dr. Selby Jose of Institute of Science, spoke about the research perspective in Mathematics.

The highlight of his talk was

- ☐ Research, unless it is understood in its right spirit, cannot be undertaken with success.
- ☐ What is important for researchers is to take research more as a passion than for career progress.
- ☐ The researcher should have natural interest in the research.

Convener of the seminar Principal, Dr. Mrs. M. K. Pejavar shared her views regarding the research in Mathematics and its significance in the future prospects in students' and teachers' life. Head of the Department Mrs. M.T.Wankhede presented formal vote of thanks.

Date: 12/12/12

Head,
Mathematics Department.