

ANNUAL SEMINAR REPORT- 2014

DEPARTMENT OF MATHEMATICS

The 5th annual seminar cum farewell meeting of the department of mathematics was held on 24.01.2014. professor **Dr. Pramod Kumar Mohanty**, ex-Principal of S.K.C.G. (Autonomous) college, Paralakhemundi was invited to grace the occasion as chief guest. Prof. Snigdha Mishra, Principal of our College Presided over the meeting After the formal inauguration of the function, the guests were cordially welcomed by the students of the department with a bouquet.

Prof. Lt. Cdr.P.K. Sahoo, HOD Department of Mathematics introduced the guest to the august gathering. Vice Principal and other faculty members were also present in the seminar. The annual report of the seminar secretary. The president of the meeting requested the chief guest, prof. Mohanty to deliver the talk.

Prof. Mohanty delivered the talk on "**CONNECTION OF MATHEMATICS**" by explaining the various aspects of connections of Mathematics within itself, with real life and with other disciplines. He discussed in detail about the various aspects of his topic as follows:

1Connections of mathematics within itself:

- Every unit in Mathematics has a close link with preceding or succeeding units.
- Many ideas, concepts principles or learning techniques recur.

- An integrated approach is necessary.

2. Connections of Mathematics with real life:

- General computation is needed in real life.
- Idea of function is needed in real world.
- Probability theory is required in budget planning, defence tactics etc.
- Abstract algebra is needed in day - to - day life.

3. Connections of Mathematics with other discipline:

- Application of Mathematics in the field of Physical sciences and Engineering.
- Application of Mathematics in the field of Economics / Business.
- In Odia grammar matrix theory is used to govern the rules of grammar.
- Application of Mathematics in the field of social sciences.
- Application of mathematics in the field of Life and Medical Sciences.

Finally the meeting came to an end with the vote of thanks by Mr. Maheswar Kar.

Mr Maheswar Kar

Department of mathematics

