

**TUMKUR UNIVERSITY
UNIVERSITY COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICS**

**REPORT OF THE SPECIAL LECTURE ON 'JOY OF LEARNING MATHEMATICS'
ON 6TH OCTOBER 2017**

The Department of Mathematics, University College of Science, Tumkur University, Tumakuru organized a special lecture on 'Joy of Learning Mathematics' on 6th October 2017 at Room 1, M. Sc. Physics Block, University College of Science, Tumkur University. The event was sponsored by CPE scheme, UGC, New Delhi.

The special lecture was delivered by Prof. C. R. Pradeep, Professor, Department of Mathematics, Channabasaveshwara Institute of Technology, Gubbi, Tumakuru. The purpose of the lecture was to expose the undergraduate students of the college to the various mathematical tools used in the solution of different real world problems and to make them understand and appreciate the significance of learning Mathematics.



During his inaugural address, Prof. C. R. Pradeep spoke about the various topics in Mathematics such as Algebra, Number Theory and briefly mentioned about some of their applications. Prof. H. Y. Eswara, Principal, University College of Science, Tumkur University, presided the session and suggested the participants to make the best use of the lecture.

During the next session, Prof. C. R. Pradeep illustrated some of the basic principles in Mathematics with the help of suitable examples. In particular, he explained about theory of equivalence of sets by taking the example of the pebble-sheep story.

Further, he spoke about the evolution of trigonometry based on the social circumstances of man in the stone age.

In the afternoon session, Prof. C. R. Pradeep explained the technique of observation and deduction in Mathematics by illustrating the problem of the Tower of Hanoi. He explained the solution of the same using the counting principle. Further, he spoke about the history of the problem of Global Positioning System (GPS) and the Mathematical techniques needed to solve it. He explained about the significance of Linear Algebra in solving the problem.



The concluding session started as an interactive session in which the speaker Prof. C. R. Pradeep answered questions asked by the participating students. Following this, some of the students expressed their opinion about the special lecture and provided written feedback. They felt that the lecture was indeed useful and that they would be looking forward to attend many such events in the future.