COURSE PLAN AND EVALUATION PLAN

1. Course Code: MA 724
2. Course Title: Probability, Statistics and Stochastic Processes
3. L – T – P: 3-0-0
4. Credits: 3
5. Pre-requisite: NIL
6. Course Instructor: Dr. Murulidhar N. N.
7. Teaching Department: Mathematical and Computational Sciences
8. Objective of the Course:
   To expose the students to the basics and some advance topics in probability theory and study their applications in different fields
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9. Skill development of the student expected from the course:
   Basics very clear
   He / She can visualize any problem and formulate it.
   He / She can solve the problem with the available methods/ can develop a method to solve a problem.
10. Course Coverage: Syllabus to be covered in 40hrs
11. Reference Books (If possible stage wise):
    1. P.L. Meyer, Introductory Probability and Statistical Applications, Oxford and IBH Publishing Co.
    2. W.W. Hines and D.C. Montgomery, Probability and Statistics in Engineering and Management Science, John Wiley.
    3. J. Medhi, Statistical Methods, New Age International Publishers
    4. J. Medhi, Stochastic Processes, New Age International Publishers
    5. S. M. Ross, Stochastic Processes, WSE, Wiley.
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12. Details on Tutorials, if any:
    Problems will be solved at the end of each section of the syllabus.
    Exercise problems and Assignments will be given to the students.

13. EVALUATION PLAN:

    Assignments/tests/ quizzes – 60%.weightage
    Mid-Sem Examination – 15%.weightage
    End-Sem Examination – 25%.weightage