

J.J. College of Arts and Science (Autonomous)
J.J. Nagar, Sivapuram Post, Pudukkottai

Percentage of Revision

Department of Mathematics

Name of the Programme : B.Sc Mathematics

Programme Code :USMA

| Sl. No. | Title of the Course | Average % of Changes in each Course |
|----------------------------------|---|-------------------------------------|
| 1. | Algebra and Trigonometry | 60 |
| 2. | Differential Calculus | 20 |
| 3. | Numerical Methods with Applications | 0 |
| 4. | Mathematical Statistics | 0 |
| 5. | Bridge Mathematics | 100 |
| 6. | Analytical Geometry(2D &3D) | 80 |
| 7. | Integral Calculus | 25 |
| 8. | R Programming | 0 |
| 9. | Discrete mathematics | 100 |
| 10. | A Primer on Divisibility and Number Sequences | 0 |
| 11. | Quantitative Aptitude-I | 0 |
| 12. | Basic Mathematics | 0 |
| 13. | Data Analytics by using SPSS | 100 |
| 14. | Quantitative Aptitude-II | 0 |
| 15. | Statistics with R | 100 |
| 16. | Bio Statistics | 60 |
| Average Changes in the Programme | | $\frac{645}{16} = 40.3$ |

O. Uma f
HEAD OF THE DEPARTMENT

Dr. O. UMA MAHESWARI,
M.Sc.,M.Phil.,P.G.D.C.A.,Ph.D.
Head & Assistant Professor,
PG & Research Department of Mathematics,
J.J. College of Arts & Science (Autonomous),
Sivapuram, PUDUKKOTTAI -622 422.



G.P.
PRINCIPAL
Dr.J.PARASURAMAN,M.A.,M.B.A.,M.C.
M.Phil.,B.Ed.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J. Nagar, Sivapuram Post,
PUDUKKOTTAI - 622 422

**J.J. College of Arts and Science (Autonomous)
J.J. Nagar, Sivapuram Post, Pudukkottai**

**Percentage of Revision
Department of Mathematics**

Name of the Programme :M.Sc. Mathematics
Programme Code :PSMA

| Sl. No. | Title of the Course | Average % of Changes in each Course |
|----------------------------------|--|-------------------------------------|
| 1. | Algebraic Structure | 65 |
| 2. | Real Analysis – I | 100 |
| 3. | Ordinary Differential Equations | 0 |
| 4. | Number theory and Cryptography | 100 |
| 5. | Graph theory and Applications | 100 |
| 6. | Formal Languages and Automata Theory | 100 |
| 7. | Programming in C++ and Numerical methods | 90 |
| 8. | Lie Groups and Lie Algebras | 100 |
| 9. | Mathematical Programming | 0 |
| 10. | Fuzzy sets and their Applications | 0 |
| 11. | Discrete Mathematics | 100 |
| 12. | Advanced Algebra | 30 |
| 13. | Real Analysis – II | 90 |
| 14. | Partial Differential Equations | 100 |
| 15. | Algebraic topology | 100 |
| 16. | Mathematical statistics | 0 |
| 17. | Statistics data analysis using R Programming | 100 |
| 18. | Tensor analysis and Relativity | 100 |
| 19. | Wavelets | 100 |
| 20. | Modeling and Simulation with Excel | 100 |
| 21. | Machine Learning and Artificial Intelligence | 100 |
| 22. | Neural Networks | 100 |
| 23. | Mathematical Documentation using LATEX | 25 |
| Average Changes in the Programme | | $\frac{1700}{23} = 73.91$ |

O. Uma
HEAD OF THE DEPARTMENT

Dr. O. UMA MAHESWARI,
M.Sc., M.Phil., P.G.D.C.A., Ph.D.
Head & Assistant Professor,
PG & Research Department of Mathematics,
J.J. College of Arts & Science (Autonomous),
Sivapuram, PUDUKKOTTAI-622 422.



P. Parasuraman
PRINCIPAL
Dr. J. PARASURAMAN, M.A., M.B.A., M.C.A.
M.Phil., B.Ed., Ph.D.
PRINCIPAL
J.J. College of Arts and Science
(Autonomous)
J.J. Nagar, Sivapuram Post,
PUDUKKOTTAI - 622 422