KONGUNADU ARTS AND SCIENCE COLLEGE
(AUTONOMOUS)
COIMBATORE - 641 029

DEPARTMENT OF MATHEMATICS (UG)

CURRICULUM AND SCHEME OF EXAMINATIONS (CBCS)

(2022-2023 and onwards)

KONGUNADU ARTS AND SCIENCE COLLEGE(AUTONOMOUS)

Coimbatore-641029

Vision:

Developing the total personality of every student in a holistic way by adhering to the principles of Swami Vivekananda and Mahatma Gandhi.

Mission:

Imparting holistic and man-making education with emphasis on character, culture and value - moral and ethical.

Designing the curriculum and offering courses that transform its students into value added skilled human resources.

Constantly updating academic and management practices towards total quality management and promotion of quality in all spheres.

Extending the best student support services by making them comprehensive and by evolving a curriculum relevant to student community and society at large.

Taking steps to make education affordable and accessible by extending scholarships to the meritorious and economically disadvantaged students.

Moulding the teachers in such a way that they become the role models in promoting Higher Education.

DEPARTMENT OF MATHEMATICS

Vision:

1. To enrich the Mathematical and Analytical skill of the student
2. To produce quality Mathematical science researches
3. To emphasis the students to apply the theoretical Mathematics to bring out as Mathematical models

Mission:

1. To inculcate moral values and ethical values.
2. To upgrade the students knowledge to meet the academic challenges.
3. To equip the students with the necessary mathematical tools to meet the competitive global environment.

PROGRAMME OUTCOME (PO)

PO 1: Students will be well equipped with Mathematical, Analytical and Logical skills which will rack up with a thorough knowledge of the Core and Allied papers.

PO 2: Procuring innovative ideas to face global challenges which accomplish various rewarding positions in the society.

PO 3: Develop the knowledge, skills and attitude necessary to pursue higher studies in Mathematics.

PO 4: Formulate and interpret real life problems mathematically.

PO 5: Students will acquire the reasoning ability and problem solving skills to get through various competitive examinations.

PO 6: Students will be equipped to choose a prominent career in Industry, Banks, MNCs, and higher studies.

PO 7: Apply knowledge of Mathematics in the fields of Statistics, Physical Sciences, Life Sciences and Computer Science.

PO 8: Students will inculcate and develop the managing ability and critical thinking to solve business problems and take up career as an Entrepreneur.

PROGRAMME SPECIFIC OUTCOMES (PSO)

PSO 1: Understanding the basic and the advanced concepts in Mathematics .

PSO 2: Developing manipulative and numerical skills in the various areas including Physics and Statistics.

PSO 3: Understanding the concepts of Core and the allied areas of Mathematics, provides a strong foundation for the systematic development of learning process.

PSO 4: Applying Mathematical techniques to solve the real life problems.

PSO 5: Identify, formulate and analyze Mathematical problems reaching sustained conclusions.