

# **KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)**

*Re-accredited by NAAC with 'A+' Grade (4th Cycle)*

*College of Excellence awarded by UGC*

*29<sup>th</sup> Rank among Colleges in NIRF 2023*

*Coimbatore – 641 029*

## **DEPARTMENT OF MATHEMATICS PROGRAMME OUTCOMES (PO)**

### **B.Sc MATHEMATICS**

**For the students admitted  
in the  
Academic Year 2023-2024**

- 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.

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## **DEPARTMENT OF MATHEMATICS PROGRAMME OUTCOMES (PO)**

### **M.Sc MATHEMATICS**

**For the students admitted  
in the  
Academic Year 2023-2024**

- PO 1:** Innovate and solve complex mathematical problems using the knowledge of Pure and Applied Mathematics.
- PO 2:** Applying mathematical concepts and problem solving techniques to perform computations in various fields of social, scientific and economical development.
- PO 3:** Develop a wide range of Mathematical skills and knowledge to pursue their research and compete globally.
- PO 4:** Understand the importance of mathematics and its techniques to solve real life problems.
- PO 5:** Ability to assess and interpret complex situations which enables them to choose successful career in Education and Industry.
- PO 6:** Equip with deep knowledge in various areas of mathematics, being capable to be an Entrepreneur and a mathematical professional.
- PO 7:** Expertise knowledge in the thrust areas of Mathematics to take up projects in the field of Science and Engineering.
- PO 8:** Crack lectureship and fellowship exams approved by UGC like CSIR – NET and SET