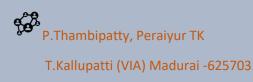


K R Arts and Science College

உள்ளுவதெல்லாம்உயர்வுள்ளல் (RUN BY KR EDUCATIONAL AND CHARITABLE TRUST) THAMBIPATTI, PERAIYUR TALUK, T. KALLUPATTI, MADURAI DISTRICT - 625703



B.SC Mathematics





CAREER OPTIONS IN MATHEMATICS

- Mathematics Teacher
- Market Research Analyst
- Financial Planner
- Insurance Underwriter
- Purchasing Manager
- Data Scientist
- Statistician
- Operations Research Analyst
- Economist
- Actuaries



PUBLIC SECTOR

- ❖ INDIAN SPACE RESEARCH ORGANIZATION
- ❖ DEFENSE RESEARCH AND DEVELOPMENT ORGANIZATION
- ❖ NATIONAL AERONAUTICS LIMITED
 - ✓ *Coaching for Civil Exams are provided on request.

DURATION AND ELIGIBILITY

UG PROGRAMME	B.Sc., Mathematics
DURATION	3 years – 6 semesters
REQUIREMENTS	12th passed with Physics, Chemistry, Mathematics, Computer Science/
	Biology



EDUCATIONAL SCOPE

- M.Sc., Mathematics
- M.Sc., Statistics
- M.Sc., Data Science
- **❖** MBA
- M.Phil.
- Ph.D.

Basic Foundations of mathematics

Foundations of mathematics are the logical and mathematical framework that allows the development of mathematics without generating self-contradictory theories, and, in particular, to have reliable concepts of theorems, proofs, algorithms, etc

PROGRAMMING HIGHLIGHTS

- ➤ The students develop the ability to apply concepts of Calculus, Linear Algebra, Operations Research, Differential Equations and Laplace Transforms etc.
- They develop an understanding of the underlying unifying structures of graph theory, analytical geometry, trigonometry, etc.
- > Students are able to comprehend the 'Value of Proof', which is the single distinguishing factor for the courses like Classical Algebra, Modern Algebra and Complex Analysis
- They are exposed to MAATLAB, R Programming, and Latex etc. in order to hone their problem-solving skills.
- > Students develop proficiency in writing proofs.



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B.SC. MATHEMATICS



REQUIRED DOCUMENT FOR ADMISSION

- ➤ Passport Size Photo 5
- ➤ TC Original & Photo Copy
- ➤ Marksheet original & Photo copy
- ➤ Photo copy of Community certificate, Aadhar card

Account Details for online Payment

- ✓ Account name: KR Arts and Science College.
- ✓ Name of the Bank: State bank of India
- ✓ Account No: 42062403121
- ✓ IFSC: SBIN0009664
- ✓ Branch: Sivakasi town