



## K.S. Rangasamy College of Arts and Science (Autonomous)

NAAC Re-accredited and an ISO 9001 : 2008 Certified Institution  
(Affiliated to Periyar University, Salem. Included under 2(f) & 12(B) of UGC Act, 1956)

Tiruchengode – 637 215

Course details based on Local, Regional,  
National and Global Needs

### SYLLABUS FOR B.Sc. MATHEMATICS

(2018 -21 Batch onwards)

Based on the suggestions given by various stakeholders, courses which focused on Local, Regional, National and Global needs were introduced to make the students ready to be effective employees or dynamic/ smart employers. The details of these courses are given below.

HEAD

Department of Mathematics


K.S. Rangasamy College of Arts and Science (Autonomous)  
Tiruchengode-637 215 Namakkal (Tl).

Mr. M. PRASAD, M.Sc., M.A., M.Ed.  
Controller of Examinations  
K.S. Rangasamy College of Arts & Science (Autonomous)  
Tiruchengode - 637-215, Tamilnadu, India



### Course details based on Local, Regional, National and Global Needs

Course Code	Course Name	Local	National	Regional	Global	Remark
18UMAM301	Core V: Analytical Geometry of 2D and 3D				✓	Application knowledge of Theory
18UMAAP301	Allied Practical III: Statistical Package (MS-Excel)	✓		✓		Excel Spreadsheet can be use efficiently
18UMASB301	SBC I: Quantitative Aptitude - 100% Internal Evaluation				✓	The Employability Skill is inculcated.
18UMAAC301	Add-On: Data Analysis Using R-Software.				✓	To improve the software skill which provide employability
18UMAA401	Allied IV: Mathematical Statistics II		✓	✓	✓	To improve the statistical knowledge
18UMAAC401	Add-On: Numerical Computations Using MatLab.		✓		✓	Numerical computation skill is developed through Mat-lab
18UMAEL602	Elective 2 : Optimization Techniques		✓	✓	✓	Skill is developed for business activities
18UMASB601	SBC IV: Mathematics for Competitive Exams- II (100% Internal Evaluation )		✓		✓	Can succeed in competitive Exams

  
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