

## (M.C.A) Master of Computer Applications

Big data Analytics, Android & Web Application Development Specialization

### UNIQUE COURSE FEATURES

- ◆ ETL (Pentaho)
- ◆ Big Data Technologies(Spark, Hadoop, Pig &Hive)
- ◆ R & Python Programming
- ◆ MongoDB & Cassandra
- ◆ Android Application Development
- ◆ UI & UX Design
- ◆ AngularJS and Meteor JS

### STUDENT'S PROGRESSION

#### Career Opportunities

- Big Data Analyst ◆
- Software Engineer ◆
- UI/UX Designer ◆
- Android Developer ◆

### ELIGIBILITY & DURATION

#### Entry Requirements:

Graduate in Computer Science/ IT / CT / BCA / with Mathematics at Higher Secondary Course(+2 level) or atleast one paper in Mathematics or Statistics at UG Degree level. Consolidated percentage obtained in UG Degree must be strictly above 50%

Duration: 2 years, Four semesters

### Our Prestigious Recruiters



[www.rvscas.ac.in](http://www.rvscas.ac.in)

**PG**

School of Computer Studies

M Sc. CS

M Sc. IT

MCA

for Admissions :  
+91 80121 33444  
+91 97153 74000



for Guidance :  
+91 8883322433  
+91 9791349478



### RVS COLLEGE OF ARTS & SCIENCE

Autonomous & Affiliated to Bharathiar University/  
Reaccredited by NAAC with 'A' Grade  
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### Information Brochure

## School of Computer Studies

Computer Science deals with the theoretical foundations of information and computation, taking a scientific and practical approach to computation and its applications. The Department focus towards enabling the students to contribute to this digital era in problem solving, integrating the fundamental concepts with skill oriented subjects. Principle areas of study within Computer Science include Data Science (Machine Learning, Artificial Intelligence), Cloud Computing, Big data analytics, web & android development, operating systems, network security, database systems(SQL & noSQL), programming languages, data structures & algorithms and software engineering.

The Department provides specialization in digital technology. The course is delivered by IIT, Coursera, edX certified faculty and also by in-campus industry professionals. We are proud to deliver an outstanding post graduate education that offers varied and exciting career opportunities around the world.



### DEPARTMENT STRENGTH

- ♦ Digital Technology Oriented Curriculum through Specialization
- ♦ Focus towards Outcome Based Education (OBE)
- ♦ MoU with Staffordshire University, United Kingdom
- ♦ Practical Oriented Teaching and Real time Project exposure through
- ♦ Thinking based questions in
- ♦ Skilled faculty (Subject Matter Expert) through International 'Educational Leadership Award' by the KRDW Group,
- ♦ Institution - Industry tie up: Oracle Academy, PaloAlto Academic Centre, Amazon Web Services, Salesforce.com
- ♦ Special placement training by the Experts from industry at free of cost

## M.Sc (Computer Science)

### Data Science Specialization

#### UNIQUE COURSE FEATURES

- ♦ Machine Learning
- ♦ ETL (Pentaho)
- ♦ Descriptive Analytics
- ♦ Predictive analytics
- ♦ Visualization using Tableau & Power BI
- ♦ Big Data Technologies (Spark, Hadoop, Pig & Hive)
- ♦ Neural Networks & Deep Learning
- ♦ R & Python Programming
- ♦ MongoDB & Cassandra

#### STUDENT'S PROGRESSION

##### Career Opportunities

- ♦ Big Data Analyst
- ♦ BI Developer
- ♦ Excel Developer
- ♦ Data Analyst

#### ELIGIBILITY & DURATION

**Entry Requirements:**  
Graduate in Computer Science/ IT / CT / BCA /  
B.Sc. - Electronics & Comm. Systems

**Duration:** 2 years, Four semesters

#### UNIQUE COURSE FEATURES

- ♦ Building Scalable IP Networks
- ♦ Domain Model Network
- ♦ Linux Administration
- ♦ Networking in Python
- ♦ Cyber Security
- ♦ Network Access Framework
- ♦ Virtualization

#### STUDENT'S PROGRESSION

##### Career Opportunities

- ♦ Network Developer
- ♦ Network Engineer
- ♦ Cyber Security Analyst
- ♦ Penetration Tester
- ♦ System Administrator

#### ELIGIBILITY & DURATION

**Entry Requirements:**  
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**Duration:** 2 years, Four semesters

## M.Sc (Information Technology)

### Cloud Computing Specialization

