

M S RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE

PROSPECTUS



Permanently Affiliated to Bangalore University
Approved by AICTE
Re Accredited with 'A' By NAAC

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VISION

To prepare men and women for the service of the country

MISSION

M S Ramaiah College of Arts, Science and Commerce shall deliver global quality education by nurturing a conducive learning environment for a better tomorrow through continuous improvement and customization.

GOAL

To deliver quality education for the betterment of mankind
“Tamasoma Jyothirgamaya”

OBJECTIVE

- To render quality education
- To impart life skills and values
- To imbibe confidence and inculcate leadership qualities.

A Tribute

OUR FOUNDER
Late Dr. M. S. RAMAIAH



◆ Dr. M.S.Ramaiah , Madhugiri Sampangappa Ramaiah was born on 20th April 1922. Born in a simple and humble family, he completed his education in Mathikere which was a village in the outskirts of Bangalore. Later he took to agriculture. After working for Indian Railways for a brief period, he began his career as contractor. His flair for construction and civil works lead him to under take some of the major projects in Karnataka. He successfully completed the canals of the Ghataprabha Project, Talakalale Dam and the Dharma Project.

◆ He established Gokula Education Foundation in 1962. Under the aegis of this foundation came an array of institutions. M.S.Ramaiah Institute of Technology was the first. Imparting quality education to students of all sections of the society was his aim. Today MSRIT is a pioneer among the technological institutes of the country. The M.S.Ramaiah Medical college was set up in 1979. Today it is a multi speciality centre with its own teaching hospital, which caters to the need of poor sections of the society. He later founded many educational institutions.

◆ Educational institutions was not the only interest he had, he also promoted a few industries and industrial enterprises like Kvaerner John Brown (India) Pvt. Ltd, M S R & Sons Investments Ltd, Indo-Malaysian Technopolis Pvt. Ltd., M S Ramaiah Investments and Properties Ltd to name a few.

◆ M S Ramaiah developed a deep interest in Journalism. In 1956, he acquired the 'Thainadu' daily, the then oldest Kannada daily in Mysore State and not only led for it to thrive, but he also started 'Gokula' a Kannada weekly and 'Kailasa' a monthly. These became a herald of a neo-tri-colour nationalist era & are considered as model publications even today.

◆ Being a philanthropist, he set up M.S.Ramaiah Charities Trust to cater to the needs of meritorious students who are from families that can't afford higher education. The trust provides scholarships to exemplary and backward class students every year. He also provided housing facilities for the poor at affordable prices.

◆ M.S.Ramaiah College of Arts, Science and Commerce began first as a Junior College in 1992. Later in 1994 First Grade College was set up. Today MSRCASC boasts of about 2500 students from all states of the country and a few from abroad. Our institution is leading the students from Darkness of Ignorance towards the Light of Knowledge.

THAMASOMA JYOTHIRGAMAYA

Welcome to MSRCASC

We wish you a very happy and memorable time here in our campus

Welcome to MSRCASC



Dr. M. R. Jayaram
Chairman, GEF

MSRCASC is an excellent College which offers the highest standards in knowledge and academic practices to its students. Our institute aims to include a sense, knowledge, skill, entrepreneurship and innovation in the minds of students so that they can utilize their knowledge to make themselves and our country progress. For the past 21 years MSRCASC has been producing extremely talented and academically bright students in all disciplines. The college strives to give an environment that nurtures qualities of humanism and inculcates values of team work, innovation and initiative.



Sri M.R. Janakiram
Honourable Director, GEF

MSRCASC is one of the best institutions in the country. We provide holistic education, congenial environment and outstanding learning experience in this excellent College. We aim to provide an education which explores and strengthens the potential inherent in every individual but is awaiting expression. We strive to make the students academically proficient, employable and endowed with social, moral and ethical values.



Sri M.R. Kodandaram

Honourable Director, GEF

Welcome to MSR world – a world that’s created exclusively for students like you who would like to pursue complete education. You have just embarked on a journey of discovery and revelation. Here in MSRCASC you will find the space where you can explore, express, and realize yourself. The College with its infrastructure and facilities is at your disposal to help you grow, develop and educate yourselves. You are at the center of its vision: a vision which upholds the values of equality and harmony, while it continues to mainstream the marginalized. It pursues the goals of academic excellence.



Sri S. M. Acharya

Honourable CE, GEF

“Education is the key to unlock the golden door of freedom.” - George Washington Carve. India’s youth needs the right education to thrust our country ahead in the global scenario, not just education, but quality education. M.S. Ramaiah college of Arts, Science and Commerce is a unique institution which has played a pioneering role in providing academic excellence in India. At MSRCASC we constantly modify our strategies to provide our students a complete education – an education that extends beyond the academics. We look forward to helping you develop a sound personality and shaping you into professionals and patriotic citizens.

PRINCIPAL'S MESSAGE



Dr. A. NAGARATHNA
Principal

Education is an integral component of life. Good educational institutions have professional and considerate administrators and teachers, a broad and updated curriculum, an ongoing assessment system that supports excellence and a philosophy that says, Youth can be moulded into patriotic citizens with integrity. In order to achieve this, the climate of the institution must be conducive to learning, safe, clean and caring and well organized. It is my privilege to welcome you to this great temple of learning, M.S. Ramaiah College of Arts, Science and Commerce.

What you need to know about M.S. Ramaiah College of Arts, Science and Commerce

- ◆ With Thousands of colleges and more than 500 colleges in Bangalore we know that it is difficult for the students and parents to choose the best college. Information given here will make it easy for the students and parents to know about us.
- ◆ Our location attracts lots of talent from all over India and abroad. MSRCASC college is in the heart of the Silicon city, and its proximity to International Airport and Railway Station is an added attraction.
- ◆ Not only Bangalore but MSRCASC also is cosmopolitan. We have students from all the states of the country and neighboring countries. A student always feels at home because he can meet a few students from his state.
- ◆ Established under the Gokula Education Society in 1994 we have 20 years experience of training students and mould them to be successful citizens of the country. We provide a platform and opportunities to the students to develop and exhibit their talents. We offer various Undergraduate courses in Science, Commerce, Management and Arts and also offers Post graduate programmes in Science and Management. Our Under Graduate Courses are permanently affiliated to Bangalore University. We also provide an opportunity to students to enhance their knowledge by the value added programmes that we offer. Students can take up projects at the world famous scientific institutes like IISc, CPRI, ISRO etc., and Industries like BEL and HMT that surround us.

MILIEU



Gurukul System

In ancient India education began as early as 3rd century B.C. and was imparted orally by Sages and Rishis in Gurukulas. The world's first known university was established in Takshashila (Taxila). Later universities in Nalanda and Ujjain were established. After the advent of the British and other Europeans, modern education in India began. Now Indian Universities are listed among the top 200 universities.

M. S. Ramaiah Group of Institutions is situated in one of the best Metropolitan capital cities of the country, Bangalore. The pleasant climate of this silicon city provides a conducive atmosphere for the students to study. Being a cosmopolitan city, it welcomes students coming from all over India and abroad with open arms. The locality surrounding the institutions has medium to posh eateries, accommodations and other facilities at close proximity. At the Ramaiah group of institutions we provide education in all disciplines like Medicine, Engineering, Nursing, Pharmacy, Physiotherapy, Hotel Management and Arts Science and Commerce College, to name a few. One cannot find a better environment for education than Ramaiah group of institutions.



Nalanda University



M.S. Ramaiah group of institutions



Bangalore University Campus

ACCREDITATION AND ACCOLADES



♦ “National Assessment and Accreditation Council, an autonomous body, has been established by the University Grants Commission in 1994 in pursuance of the recommendations made by the National Policy of Education, 1986 and the Programme of Action (POA), 1992 which lay special emphasis on evaluating the quality of higher education in India. The prime mandate of NAAC, as envisaged in its Memorandum of Association (MoA), is to assess and accredit institutions of higher learning, universities and colleges or one or more of their units, i.e., departments, schools, institutions, programmes, etc. The NAAC functions through its General Council and Executive Committee where educational administrators, policy makers and senior academicians from a cross-section of system of higher education are represented.” In September 2009 NAAC has reaccredited MSRCASC college with an ‘A’ grade, the highest grade on 4 point scale.

♦ ‘India Today’ a leading Indian magazine, after conducting a survey has listed our Department of Commerce among the top hundred colleges of India in terms of facilities, faculty and other parameters.



OUR CAMPUSES

- ◆ MSRCASC is spread out in two different campuses, both situated near the BEL Road. Both our campuses have distinct self contained buildings. They are easily accessible , from any part of the city by frequent city buses, not to mention the Autos, Taxi cabs and private vehicles.
- ◆ Both our campuses have their own auditoria, Library, seminar hall, canteen



Management Block

- ◆ Since both are centrally situated, they are surrounded by multi cuisine restaurants, Super markets, showrooms of almost all major garment manufacturing units, Book stores etc.,
- ◆ Our main campus holds buildings for programs of Science, Commerce, Computer Science and Humanities. It also includes Administrative Block. It is situated adjoining the M.S. Ramaiah Institute of Technology.
- ◆ The Management Programmes have their own



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PROGRAMS OFFERED AT MSRCASC

◆ UG Programs

- 1 B.Sc Bio Technology, Chemistry and Micro-Biology
- 2 B.Sc Genetics, Biochemistry and Micro-Biology
- 3 B.Sc Electronics, Mathematics and Computer Science
- 4 BCom
- 5 BCA
- 6 BBM
- 7 BA Optional English, Psychology and Journalism

◆ PG Programs

- 1 M.Sc Bio-technology
- 2 M.Sc Micro Biology
- 3 M.Sc Genetics
- 4 M.Sc Bio Chemistry
- 5 M.Sc. Organic Chemistry*
- 6 MBA

Selection Procedure: For all UG programs

We welcome applications from students who have preferably scored First Class in PUC/Intermediate/12th of any recognized board of the country or Equivalent exam for foreign students. If you would like assistance or counseling to select a program please contact our Admission Centre in advance and fix an appointment.

*Approval awaited



NCC STUDENTS OF MSRCASC

Bachelor of Bio Technology, Microbiology and Chemistry

♦ **BIOTECHNOLOGY:** The study of Biotechnology involves controlled and deliberate manipulation of biological systems to produce or manufacture useful products. Wide variety of substances can be obtained by choosing organisms with wide range of capabilities. Whether one wishes to produce insulin commercially or a drug that can fight malignant tumours and destroy only cancerous cells, biotechnology is the only key. This study of living organisms helps create new drugs, organic manure or even pesticides.

♦ **MICROBIOLOGY:** Microbiology is the study of organisms that are too small to be seen by the naked eye, like protozoa, bacteria, fungi or viruses. Though some of the micro-organisms cause diseases there are others which are beneficial. Study of Microbiology helps in eradicating and controlling harmful micro-organisms and exploiting the harmless ones to produce food, alcoholic drinks and drugs.

♦ **CHEMISTRY:** Chemistry is a branch of natural science that deals principally with the properties of substances, the changes they undergo, and the natural laws that describe these changes. Anything you can touch or smell or see contains one or more chemicals. Many occur naturally but some are man made. Chemists study the properties of the natural and man made chemicals. This information is used to understand how some chemicals may be modified to make them more useful and they develop the methods to make the modifications.

♦ **About the program: B.Sc. (Biotechnology, Microbiology and Chemistry)**

3 years (Six Semesters) Under Graduate Course

- **PART I** Languages (first four semesters)

English (compulsory language) and one of the following languages.

Kannada, Hindi, Sanskrit or Additional English

PART II (Core subjects): Biotechnology, Microbiology and Chemistry

PART III (non Core Subjects): Students of all under graduate programs will study Indian Constitution, Computer Fundamentals and Environmental Studies in their II, III and IV Semesters

Eligibility : Pass in II PUC/Intermediate/ Std 12 Examination of any equivalent board with Biology and Chemistry as one of the subjects.

♦ **Career Prospects**

- Research and Development in Academic, Industrial and Clinical Areas.
- Career in Medicine, pharmaceuticals or any other key areas.
- Industries manufacturing pharmaceuticals, Bio fertilisers or pesticides.
- Can pursue higher degree programs in any of the three core subjects or in the field of medicine.
- Teaching.



Students working in Bio-Technology Lab

Bachelor of Genetics, Microbiology and Biochemistry

- ♦ **GENETICS:** is at the avant-garde of science today. All organisms share common genetic principals today, and study of genetics can revolutionise the treatment of disease, production of crops and the manufacturing of new biological materials. Genetics is an important component of many disciplines of science like Biotechnology, Microbiology or biochemistry.
- ♦ **MICROBIOLOGY:** Microbiology is the study of organisms that are too small to be seen by the naked eye, like protozoa, bacteria, fungi or viruses. Though some of the micro-organisms cause diseases there are others which are beneficial. Study of Microbiology helps in eradicating and controlling harmful micro-organisms and exploiting the harmless ones to produce food, alcoholic drinks and drugs.
- ♦ **BIOCHEMISTRY :** is the study of the chemical processes and reactions that take place within living organisms. It can be considered a subdivision of both chemistry and biology. The skills and techniques used within it place great emphasis on traditional chemistry.
- ♦ **About the program: B.Sc. Genetics, Microbiology and Bio chemistry**
3 years (Six Semesters) Under Graduate Course
- ♦ **PART I Languages** (first four semesters)
English (compulsory language) and one of the following languages.
Kannada, Hindi, Sanskrit or Additional English
- ♦ **PART II (Core subjects):** Genetics, Microbiology and Biochemistry
- ♦ **PART III(non Core Subjects) :** Students of all under graduate programs will study Indian Constitution, Computer Fundamentals and Environmental Studies in their II, III and IV Semesters
- ♦ **Eligibility :** Pass in II PUC/Intermediate/ Std 12 Examination of any equivalent board with Biology and Chemistry as one of the subjects.
- ♦ **Career Prospects**
 - Research and Development in Academic, Industrial and Clinical Areas.
 - Career in Medicine, pharmaceuticals or any other key areas.
 - Industries manufacturing pharmaceuticals or agricultural products.
 - Teaching.
 - Can pursue higher degree programs in any of the three core subjects or in the field of medicine.



Bachelor of Electronics, Mathematics and Computer Science



♦ **ELECTRONICS:** It is a study of wide range of exciting modern developments such as microscopic electronic circuits and machines, mobile and computer communications, advances in medical diagnosis and treatment, and developments in the latest audio and video technologies. Studying Electronics will give you valuable skills in electronic design and construction. You will have the option to specialise in some of the most progressive areas in electronics today.

♦ **MATHEMATICS:** It is the science that deals with the logic of shape, quantity and arrangement. Math is all around us, in everything we do. It is the building block for everything in our daily lives, including mobile devices, architecture, art, money, engineering, and even sports.



♦ **COMPUTER SCIENCE:** Computer Science covers a huge amount, from the design of computers, through to programming them, and onto applications in areas as diverse as Science, Engineering and the Arts. In addition it is about the understanding of the limits of what computational techniques can do.

About the program: B.Sc. Electronics, Mathematics and Computer Science

3 years (Six Semesters) Under Graduate Course

PART I Languages (first four semesters)

English (compulsory language) and

one of the following languages.

Kannada, Hindi, Sanskrit or Additional English

PART II (Core subjects): Electronics, Mathematics and Computer Science.

PART III(non Core Subjects) : Students of all under graduate programs will study Indian Constitution, Computer Fundamentals and Environmental Studies in their II, III and IV Semesters

♦ Eligibility : Pass in II PUC/Intermediate/ Std 12 Examination of any equivalent board with Physics and Mathematics.

♦ Career Prospects

♦ Electronic Technician ,Information Systems Engineer ,Programmer

♦ Electronics Industries

♦ Health and Biomedical Industries

♦ Information Technology and Telecommunications Sector

♦ Can pursue higher degree programs in any of the three core subjects or in the field of medicine.

Bachelor of Computer Application

- ◆ Computer Science deals with the theory, design, analysis, implementation, efficiency and application of processes that transform information. The course includes training in software development and systems analysis. The course also emphasis on latest computer applications. Use of computers in entertainment, industry, business, education and government is widespread, and the need for qualified professionals with a computing background continues to grow.

- ◆ **About the program: BCA**

3 years (Six Semesters) Under Graduate Course

- PART I Languages (first four semesters)
English (compulsory language) and one of the following languages.
Kannada, Hindi, Sanskrit or Additional English
- PART II (Core subjects): Students study a wide range of subjects during their 6 semester program includes Computer Fundamentals, Electronics, Programming Concepts –Using-C, OOPS Using C++ , Data Base Management System, Mathematics, Operating Systems, Data Structures Using C. Numerical Analysis and Linear Programming, Data Communications and Networks, Visual Programming, UNIX Programming, Software Engineering, Computer Architecture, Banking and Insurance, JAVA Programming, Soft Skills & Personality Development, Design &Analysis of Algorithms, Systems Programming, Computer Graphics and Web Programming.
- PART III(non Core Subjects) : Students of all under graduate programs will study Indian Constitution, Computer Fundamentals and Environmental Studies in their II, III and IV Semesters
- Eligibility : Pass in II PUC/Intermediate/ Std 12 Examination of any equivalent board with physics and mathematics.
- **Career Prospects**
- Jobs in the field of Information Technology or ITES.
- Career as programmers, Software Development & Design in companies.
- System Administrator in big corporate sector.
- Training & Development in Institutions like NIIT, Cisco etc.
- Can pursue higher degree programs in any of the three core subjects or in the field of medicine.



Computer Lab at the Main Block



Computer Lab at the Management Block

Bachelor of Commerce

Study of Commerce will train students in all business aspects. They are trained in various subjects related to commerce and business. Students will examine the fundamental principles of commerce and the business environment, and learn how to apply business principles to contemporary business practices. The “India today survey for 2003” stated that Department of Commerce at MSRCASC is considered one of the top 100 departments among all the colleges offering commerce programs.

♦ **About the program: B.Com.**

3 years (Six Semesters) Under Graduate Course

♦ **PART I Languages** (first four semesters)

English (compulsory language) and one of the following languages.

Kannada, Hindi, Sanskrit or Additional English

♦ **PART II (Core subjects):** Students study a wide range of subjects during their 6 semester program. Financial Accounting, Cost Accounting, Organisation Management, Human Resources Management, Business Statistics, Corporate Accounting, Marketing Management, Financial Management, Law & Practice Of Banking, Entrepreneurship Development Program, Computer Business Application, Income Tax, Service Management. Electives are offered in the following areas: Human Resource Management, Finance and Marketing.

♦ **PART III (non Core Subjects) :** Students of all under graduate programs will study Indian Constitution, Computer Fundamentals and Environmental Studies in their II, III and IV Semesters

- Eligibility : Pass in II PUC/Intermediate/ Std 12 Examination of any equivalent board with Science or commerce subjects.

- **Career Prospects**

Commerce professionals are appointed world wide to run businesses, drive businesses forward, maximise profits and gain market share. They work in diverse settings, including corporate,

government and not-for-profit organisations, from small independent shops to global mining companies.

- They can also pursue higher degrees either in commerce i.e., M.Com. or in management i.e.,



Guest Lecture organized by the Department



Inauguration of Commerce Club

Bachelor of Business Management

◆ Students are trained to develop in a series of management areas. Students acquire knowledge and skills that are sought after, in contemporary business environment. This course is specially designed to train students to be aspiring leaders and managers of the future. The prospective managers are trained to acquire the necessary knowledge, skills and self-confidence to support effective and successful management, in this international business environments.

◆ **About the program: BBM.**

3 years (Six Semesters) Under Graduate Course

- **PART I Languages** (first four semesters)
English (compulsory language) and one of the following languages.
Kannada, Hindi, Sanskrit or Additional English
- **PART II (Core subjects):** Students study a wide range of subjects during their 6 semester program including Fundamentals of Accounting, Business Organization and Management, Quantitative Methods for Business-I, Market Behaviour and Cost Analysis, Financial Accounting, Management Process, Quantitative Methods for Business-II, Organizational Behaviour, Production and Operations Management, Corporate Accounting, Human resource Management, Services Management, Corporate Environment, Business Research Methods, Marketing Management, Financial Management, Business Regulations, Cost Accounting, Entrepreneurial Management, Computer Application in Business, Banking Regulations and Operations, Corporate Governance, Management Accounting, Elective Paper-I, Elective Paper-II, International Business, E-Business, Income Tax, Strategic Management, Elective Paper-III, Elective Paper-IV Project Report & Viva-Voce (75 marks + 25 marks)
- **Specialisation:** Finance, Marketing, Human Resource Management.
- **PART III (non Core Subjects) :** Students of all under graduate programs will study Indian Constitution, Computer Fundamentals and Environmental Studies in their II, III and IV Semesters
- **Eligibility :** Pass in II PUC/Intermediate/ Std 12 Examination of any equivalent board with Science or commerce subjects.
- **Career Prospects**
- Successful graduates, based on their specialisation are appointed by MNC's or by other companies or in the Corporate sector as Public Relations Officer, Human Resources Officer, Market Research Analyst, Advertising Specialist, Marketing Service Manager, Personnel Manager, Management Consultant, Product Manager, Marketing Manager, Business Analyst, Sales Manager, or Marketing Officer..
- They can also pursue higher degrees in management ie., MBA.
- According to Neilson's India Today Survey BBM Department of MS Ramaiah College of Arts, Science and Commerce placed in the Top Ten Management Colleges of the country

TOP 10 BBA

RANKING ON THEMES

CHARTS VISUALISED BY IQ



Bachelor of Arts

◆ **JOURNALISM** : It trains the aspiring journalists to understand the role of multi media in the contemporary world. The students develop a penchant for breaking news and acquire writing skills. It will enable them to become an effective journalist across a range of platforms.

◆ **PSYCHOLOGY** : is the study of the human mind and behaviour. It is a systematic approach to understanding people, their behaviour, feelings and thoughts. It involves a comprehensive understanding of emotional issues at the deep root level which brings about peace, contentment and happiness in the patient.

◆ **OPTIONAL ENGLISH**: The Optional English Program is designed for students who are committed to an intense study of English literature.. The program not only demands the study of all periods of English literature, from the Middle Ages to the Twentieth Century, but it also provides room for detailed examination of a particular author or for some specialization in a particular period of literature. Optional English also includes criticism and critical study of literature.

◆ **Journalism, Psychology and Optional English.**

3 years (Six Semesters) Under Graduate Course

- **PART I Languages** (first four semesters)

English (compulsory language) and one of the following languages.

Kannada, Hindi, Sanskrit or Additional English

PART II (Core subjects): Journalism, Optional English and Psychology.

PART III(non Core Subjects) : Students of all under graduate programs will study Indian Constitution, Computer Fundamentals and Environmental Studies in their II, III and IV Semesters

- Eligibility: Pass in II PUC/Intermediate/ Std 12 Examination of any equivalent board with Science or commerce subjects.
- Career Prospects
- Can be Journalists in print, broadcast or visual media.
- Psychologists in social organisations, NGO's or as counsellors to counsel students in academics.
- Can teach English, Psychology or Journalism in schools.
- They can also pursue higher degrees either in Journalism, English Literature or Psychology.
- INDIA TODAY NIELSEN Survey has ranked MSRCASC as 7th best college in the Arts stream in Bangalore

CITYWISE RANKING: BEST ARTS COLLEGES

<http://indiatoday.intoday.in/bestcolleges/2013/index.jsp>

CITY: BANGALORE	
RANK	NAME OF THE COLLEGE
1.	Christ College
2.	St. Joseph's College
3.	Mount Carmel College
4.	Kristu Jayanti College
5.	Jyoti Nivas College
6.	M E S College of Arts, Science & Commerce
7.	M.S.Ramaiah Junior and Degree College
8.	National College - Jayanagar
9.	Al-Ameen College of Arts Science & Commerce
10.	Maharani Lakshmi Ammanni College for Women (MLACW)

M.Sc in Biotechnology

- ◆ Microbiology is the study of organisms that are too small to be seen by the naked eye, like protozoa, bacteria, fungi or viruses. Though some of the micro-organisms cause diseases there are others which are beneficial. Study of Microbiology helps in eradicating and controlling harmful micro-organisms and exploiting the harmless ones to produce food, alcoholic drinks and drugs. Students acquire both the theoretical and practical skills needed for a career in modern microbiology and biotechnology
- ◆ M.Sc Program : A two year (Four Semester) Program
- ◆ Eligibility Criteria: Students with 50% marks in one of the following Bachelor Programs.
- ◆ BSc Biotechnology/BSc Biotechnology (integrated)
- ◆ B.Sc (Honours) in Biotechnology, Microbiology, Botany, Zoology or biology.
- ◆ BSc Agricultural Science Bachelor in Fisheries
- ◆ Bachelor in Pharmacy Bachelor in Engineering (Bio-Technology)
- ◆ Bachelor in Dairy Science Bachelor in Horticulture
- ◆ Bachelor in Forestry

Career Prospects:

Drug and pharmaceutical research	Waste management
Bio Energy	Public funded laboratories
Food processing industries	Environment control
Bio-processing industries	

All Post Graduates with minimum 55% marks can pursue their doctoral studies



Bio Technology Lab

M.Sc In Microbiology

- ◆ Microbiology is the study of organisms that are too small to be seen by the naked eye, like protozoa, bacteria, fungi or viruses. Though some of the micro-organisms cause diseases there are others which are beneficial. Study of Microbiology helps in eradicating and controlling harmful micro-organisms and exploiting the harmless ones to produce food, alcoholic drinks and drugs. Students acquire both the theoretical and practical skills needed for a career in modern microbiology and biotechnology
- ◆ **M.Sc Program : A two year (Four Semester) Program**
- ◆ **Eligibility Criteria:** Students with 50% marks in BSc and should have studied Chemistry/Biochemistry and one of the following subjects.
- ◆ Biotechnology, Microbiology, botany, Applied Botany, Zoology, Applied Zoology, Industrial Microbiology, Environmental Science, Genetics, Applied genetics, Sericulture, Home science, Life science and Biological Science.
- ◆ **Career Prospects:**
 - Biomedical Scientist Microbiologist
 - Hematologist Research Scientist in any research laboratory
 - Technical brewer Toxicologist
- All Post Graduates with minimum 55% marks can pursue their doctoral studies



M.Sc Applied Genetics

- ◆ Genetics is at the avant-garde of science today. All organisms share common genetic principals today, and study of genetics can revolutionise the treatment of disease, production of crops and the manufacturing of new biological materials. Genetics is an important component of many disciplines of science like Biotechnology, Microbiology or biochemistry.
- ◆ M.Sc Program : A two year (Four Semester) Program
- ◆ Eligibility Criteria: Students with 50% marks in BSc and should have studied any three of the following subjects.
- ◆ Chemistry, Biochemistry, Biotechnology, Microbiology, botany, Applied Botany, Zoology, Applied Zoology, Environmental Science, Genetics, Applied genetics, Sericulture.
- ◆ Career Prospects
 - ◆ Research and Development
 - ◆ Bio informatics Research assistant
 - Teaching / Research.
 - Hospitals and health care industries
 - Forensic Medicine (DNA finger printing)
 - ◆ Bio informatics Software Developer
 - ◆ Pharmaceuticals
 - ◆ Bio informatics scientist
 - ◆ Clinical Genetics
 - ◆ Genetic counsellor
- All Post Graduates with minimum 55% marks can pursue their doctoral studies.



M.Sc Bio Chemistry

◆ Biochemistry is the study of the chemical processes and reactions that take place within living organisms. It can be considered a subdivision of both chemistry and biology. The skills and techniques used within it place great emphasis on traditional chemistry. For a very long time, it was thought that living and non-living matter were fundamentally different. Most scientists believed that only living beings could create special biological molecules, from other biological molecules obtained through food. These molecules were thought to be imbued with a “vital force” that made life possible. Now it is proved otherwise.

◆ M.Sc Program : A two year (Four Semester) Program

◆ Eligibility Criteria: The candidate must have secured 40% marks in the aggregate and have studied Chemistry and Bio-chemistry securing 50% marks in this subject at the B.Sc level and studied Biology at 10+2 or Pre University level.

◆ Career prospects

◆ Research and Development in bio technology labs

◆ Bio informatics Research assistant Pharmaceuticals

◆ Teaching / Research. Clinical/Forensic labs

◆ Hospitals and health care industries

◆ **All Post Graduates with minimum 55% marks can pursue their doctoral studies.**



Students in the Bio Chemistry Laboratory

M.Sc Organic Chemistry

◆ Organic chemistry is a branch of chemistry that involves the study of the structures, composition, and synthesis of carbon containing compounds. In understanding this form of chemistry, it is important to note that all organic molecules include not only carbon, but also hydrogen. While it is true that organic compounds can contain other elements, the bond between carbon and hydrogen is what makes a compound organic. Though the study of this discipline may be complex, it is very important to everyday life. In fact, organic compounds are a part of everything, from the foods people eat to the products they use. They are important in the creation of clothing, plastics, fibres, medications, insecticides, petroleum-derived chemicals, and a long list of products used to support life and to make it more convenient.

◆ **M.Sc Program :** A two year (Four Semester) Program

◆ **Eligibility Criteria:** A candidate must have secured 40% marks in the aggregate and studied Chemistry (cognate subject) securing 50% marks in this subject at the B.Sc. level and studied Mathematics at 10+2 or Pre-University level.

◆ **Career Opportunities:**

- Pharmaceutical Industries
- Pigment and dyes Industries
- Soaps and detergents Industries
- **All Post Graduates with minimum 55% marks can pursue their doctoral studies.**
- Plastics, Rubber, Polymer Industries
- Perfume and flavor Industries



Students in the Laboratory

MBA

◆ Master of Business Administration is a popular program, sought after by all aspirant students with leadership qualities. The specialty of MBA is, a graduate of any discipline can pursue this program. The theoretical and practical knowledge imparted to the students during the course will aid them in understanding the nature of challenges faced in managerial or administrative level jobs. This helps them to climb the ladder and reach the top most rung i.e., one can reach the senior most position of a company at an early age.

Eligibility Criteria:

- A candidate holding a degree of any discipline with minimum of 50% marks and MAT score card
- **SUBJECTS OFFERED:** Managerial Communication, Accounting for Managers, Organization Behavior, Managerial Economics, Business Statistics, Information Technology for Business, Business Perspectives, Research Methodology and Technical Writing, Financial Management, Production and Operations Management, Human Resource Management, Marketing Management, Quantitative Methods and Operations Research, Legal Aspects of Business, Entrepreneurship and New Venture Creation, Business Ethics and Corporate Governance, Strategic Management and International Business.
- **SPECIALISATION:** Apart from the core subjects, a stream of Electives are offered. A student will have to take a minimum of Five Elective subjects in a stream to qualify for a specialization. Institute also offers non credit ENRICHMENT courses to develop Soft Skills.
- Career prospects that are the most popular with MBA graduates are as follows:

Accounting Management	Marketing
Finance Management	Sales
Healthcare	Technology Management
Human Resources	Product Management
Education	Management
- **All Post Graduates with minimum 55% marks can pursue their doctoral studies.**



NATIONAL SERVICE SCHEME:

NSS was launched by the the Ministry of Youth Affairs & Sports Govt. of India, during Gandhiji's birth centenary year 1969. Since then it has spread out to hundreds of colleges under all universities in the country.

NSS Volunteers at MSRCASC under the able guidance of proficient and learned teaching faculty have always helped community growth. Our volunteers have demonstrated the NSS motto NOT ME, BUT YOU in their selfless service to the community. Youth are taught the importance of democratic living , appreciate others ideology and to show consideration for fellow human beings.

MSRCASC volunteers have rendered selfless service by giving a chance of a better life to the under developed and the downtrodden. They have taken various campus wide initiatives like cleanliness drives, installing dustbins, encouraging the worship of eco friendly Ganesha idols etc., Our commitment towards excellence is complete and progressive with each passing day. Our volunteers go to different villages on literacy camps, Aids awareness camps, cleanliness drive to name a few.



YOUTH RED CROSS

The Indian Red Cross Society is a voluntary humanitarian organization having a network of over 700 branches throughout India, providing relief in times of disasters/emergencies and promoting health & care of the vulnerable people and communities. The mission of the Indian Red Cross is to inspire, encourage and initiate at all times all forms of humanitarian activities so that human suffering can be minimized and even prevented and thus contribute to creating more congenial climate for peace.

The Youth Red Cross wing of MSRCASC represent a substantial part of the membership of Red Cross for its humanitarian commitment. Young volunteers can make a significant contribution to meeting the needs of the most vulnerable people within their local communities through Red Cross youth programme. This has been designed to involve young people as much as possible in the movement and its activities not only as workers and also as beneficiaries.

Youth Red Cross is the one of the activities of MSRCASC .The students are involved in the various YRC activities along with the mentor YRC Officer. MSRCASC' s Youth Red Cross is growing stronger each day. Our itinerary includes instructions in first aid, Red Cross Knowledge, Foot drill, Emergency Evacuation, Outdoor Activities, as well as taking part in Community Service. The MSRCASC Youth Red Cross wing organises at least one Blood Donation Camp every Semester.

NATIONAL CADET CORPS:

National Cadet Corps is a Tri-Services Organization, comprising the Army, Navy and Air Force, engaged in grooming the youth of the country into disciplined and patriotic citizens. The National Cadet Corps in India is a voluntary organization which recruits cadets from high schools, colleges and Universities all over India.

The main aim of NCC unit is to enlighten the students to the needs of nation building and awareness of selfless social service. At MSRCASC we also give our cadets opportunities to learn and contribute in the field of services. Our unit is a dynamic unit comprising of about 100 cadets. Students enrolled with the NCC unit are instructed in rifle shooting, the use of ammunitions, basics first-aid, mountaineering and trekking through tough terrains, along with participation in drills and parades.



NCC



Youth Red Cross Geneva Convention

SPORTS AT MSRCASC

We at MSRCASC encourage students to participate in any or all sports events the students are interested. Our college has basket ball courts, Tennis and Badminton courts and a playground to play any sport they are interested. Students are coached Football, Basketball and Cricket. They are given opportunity to play both indoor and out door sports. Our students represent our college in both state level and National Level sports teams.

MSR Group of institutions proudly boast our own state of the art ground, where in students are encouraged to play any sport they are interested in. They are sent to various inter college tournaments.

CULTURAL ACTIVITIES

MSRCASC has a Cultural Committee, which organizes various cultural activities, through out the academic year. The college conducts a Talent's Day and competitions in various cultural events are held. Winners are given prizes and certificates. Cultural committee also sends students to various colleges where they participate in cultural activities. Our students have won prizes and brought accolades from different colleges of the city.

Cultural Committee encourages the students to celebrate an array of festivals like Onam, Dussehra, Sarswati Pooja, Teachers Day and New Year. We celebrate International Students Day where all international students are provided a platform to exhibit their cultures. They are even encouraged to set up stalls depicting their culture and cuisine.



Sports Events



Cultural Events

OUR LIBRARY

MSRCASC has a well equipped and well stocked library. It has an atmosphere suitable for research and study. Our institute has independent libraries in both its campuses with all necessary facilities. Books on all subjects are available. The chief Librarian and his assistants are always available to assist students. More than 100 students can work and study in the library at any given point of time.

Apart from academic and general books, our library also has all major Indian News Papers of both English and Kannada. Students can even read popular magazines and Indian and Foreign Journals. Apart from the two general libraries in both the blocks, each Department has its own Department Library to cater to the needs of both the Faculty and the students.

We have sharing facilities with the libraries of our sister institutions. We have a British Council Library Online membership. We are the member of DELNET (Developing Library Network), by which we can access books and other reading material of over 4000 national and international libraries of different field of knowledge. Systems in the library has internet facilities, to facilitate students to access information from the internet. Library has Xerox facility where students can take Photostat copies of information from reference books and E-books available in the library.

The Library organises book Exhibitions at least once every semester where the students can buy books of their interest at a discounted prize.

Library at the
Management Block



Library at the Main Block

- ◆ MSRCASC has a placement cell and is taken care of by an efficient placement officer. The placement cell is active through out the year and seminars and workshops are conducted to prepare the students, attend interviews and develop their personality skills. The Objective of the Placement Cell is to look for 100% employment of all the students. The Placement Cell of the college organizes 'Campus Recruitment' to provide our students with job opportunities.
- ◆ Many corporate houses of great repute are invited to conduct campus interviews. Outstanding students are absorbed into many corporate houses like Accenture, Wipro, HCL, ICICI Bank etc.,
- ◆ Placement cell also organises training programs to train students in Personality Development and Soft Skills.

Some of the reputed companies, which have recruited our students.



Some of the reputed companies, which have recruited our students.



iGATE



nielsen
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NTT



Cognizant



ERNST & YOUNG



GANDHI FELLOWSHIP



BEST PRACTICES

- ◆ Proctorial system
- ◆ Proctorial system helps in developing a personal relationship between a student and the teacher. Present day students are very sensitive and need the guidance of some one experienced and senior. Some of them feel lonely, especially those students who are staying miles away from their parents and families. Every proctor is assigned a set of students and the students are advised to keep constant contact with their proctor.
- ◆ A Proctor forms a data base of the students under him /her and all personal, academic and medical details are recorded. Parents are requested to inform the concerned proctors, the necessary information regarding the health or other details of their wards.
- ◆ Proctor follows and monitors the progress of the students under his or her care. Proctors keep record of the attendance, test marks and preparatory marks of his/her students. If the performance is poor and the attendance is bad then the concerned proctor informs the parents about the same.
- ◆ **Student Information System**
- ◆ The campus is totally digitized.
- ◆ Students information regarding their attendance, internal marks scored, time table, working days, Date of Examination etc., are uploaded on the college Web Site. Parents are provided with login ID and they can access the information about their wards on the website and SMS is sent to the parents.
- ◆ **Alumni Association**
- ◆ College has an active Alumni Association which meets once a year during the second Saturday of the month of March. The institute aims to improve and strengthen communication between alumni association and its alumni for better development and elevate the level of association as well as institute. The association aims to connect alumni to the college and to each other, to provide valued service to members and to support the college mission of teaching, research and service.
- ◆ The alumni who are well placed help in the placement of the present students.
- ◆ The alumni organize programmes on personality development, interview technique and development of leadership qualities.
- ◆ They extend financial help to students, donate books and all possible help for the progress of the college.
- ◆ **Extra and Co Curricular Activities:**
We encourage Extra Curricular & Co Curricular Activities. All such activities are planned and executed under various clubs, such as Eco Club, Watson Club, Commerce Club, Digital Minds, Literary Club, Shakespeare Club and BA Club. We also publish college Magazine and News Letters of various Departments which give opportunities to students to exhibit their creative writing talent.

Canteen

There is a canteen with in both the blocks of MSRCASC. Vegetarian food is available in these canteens. There is a Fresh Juice counter in the premises. The students are free to go to any canteen in the MSR group of institutions, and all are within half a kilometer radius.

Apart from our college canteens we have hotels and mess run by people of different states around the campus. We also have many multi cuisine restaurants like KFC, Mc Donald etc., and a host of other good hotels near the college.

Hostel

College provides hostel facilities to boys and girls. There are hostels of various categories provided by the college.

Reprography and Stationery

Reprography facility is available in the library. It is also available in the stationery shop.

There is a stationery shop and a book store run by reputed book house Higgins Bothams with in the campus.

Parking

Ample parking space is provided for students vehicles. Students can register the vehicle numbers of their vehicles and park in the places provided.

Other Facilities

The college campus has a Bank, Post-Office, Two Hospitals and a Chemist Shop with in the premises.

MSRCASC RANK HOLDERS AND CENTUM SCORERS



Sreshti Bagati

M.Sc BT
BU 1st Rank Holder 2012



Anisha Khajanchi

BU 6th Rank Holder
Centum in Chemistry



Varun M R II

Semester B.Com
Centum in Statistics



Atul Prakash Nirala II

Semester B.Com
Centum in Statistics



Komal B Jain

BCA II Semester
Centum in DBMS



Preeti Patel

B.Sc BT VI Semester
Centum in Chemistry



Tejaswani M

B.Sc I & II Semester
Centum in Mathematics twice



Vasavi

V B.Sc BT VI Semester
Centum in Chemistry

GENERAL INSTRUCTIONS

1 Admission (Undergraduate)

- a) The students are instructed to pay the fees in the bank. In case the fee is paid through a Demand Draft then it should be drawn in favor of MS Ramaiah College of Arts, Science and Commerce, payable at Bangalore.
- b) Documents to be submitted during admission

For Students of Karnataka (UG courses)

- Original Marks card of 10+2 and one Xerox.
- Transfer Certificate of 10+2 original and Xerox

For Non-Karnataka Students (UG Courses)

- Original Marks card of 10+2 and one Xerox.
- Transfer Certificate of 10+2 original and Xerox
- 10+2 Migration Certificate Original and one Xerox.

2 Admission (Postgraduate)

- Marks Card of 10+2 Original and one Xerox
- Degree and all year/Semester marks card original and one Xerox.
- Provisional or Convocation Degree certificate Original and one Xerox.
- Migration Certificate Original and one Xerox.
- Odd Semesters are between July – November(UG) and August – December (PG)
- Even Semesters are between January – May (UG) and February – July (PG)
- 75% Attendance is the minimum requirement as per Bangalore University rules to appear for University Examination.
- All UG Students may opt for any language offered by the University in Part I of the Course . The college only teaches Kannada, Hindi, Sanskrit and Additional English. The College does not provide coaching for any other language. The student may study the language by himself.

M.S. RAMAIAH GROUP OF INSTITUTIONS

GENERAL SCIENCES

- ◆ M.S. RAMAIAH COLLEGE OF ARTS, SCIENCE AND COMMERCE
- ◆ M.S. RAMAIAH VIDYANIKETHAN
- ◆ M.S. RAMAIAH HIGH SCHOOL
- ◆ M.S. RAMAIAH COMPOSITE JUNIOR COLLEGE
- ◆ M.S. RAMAIAH INSTITUTE OF MANAGEMENT
- ◆ M.S. RAMAIAH COLLEGE OF LAW
- ◆ M.S. RAMAIAH COLLEGE OF HOTEL MANAGEMENT
- ◆ SRI YOGINARAYANA IDEOLOGY CENTRE

ENGINEERING SCIENCES

- ◆ M.S. RAMAIAH INSTITUTE OF TECHNOLOGY
- ◆ M.S. RAMAIAH POLYTECHNIC

HEALTH SCIENCES

- ◆ M.S. RAMAIAH MEDICAL COLLEGE
- ◆ M.S. RAMAIAH MEDICAL TEACHING HOSPITAL
- ◆ M.S. RAMAIAH DENTAL COLLEGE
- ◆ M.S. RAMAIAH COLLEGE OF PHARMACY
- ◆ M.S. RAMAIAH INSTITUTE OF NURSING EDUCATION AND RESEARCH
- ◆ M.S. RAMAIAH DRUGS AND ALLIED PRODUCTS TESTING LABORATORY
- ◆ M.S. RAMAIAH SCHOOL OF ADVANCED STUDIES