



Mount Carmel College, Autonomous

No. 58, Palace Road, Bengaluru – 52.

Admissions open for M.Sc. Electronics 2019-20

About the Course:

- **M.Sc. Electronics** Course is a **Four-Semester/2 year programme** started in the Year 2009 with emphasis on the subjects like **Embedded Systems, Signal Processing, Nanoelectronics, Biomedical Instrumentation and VLSI Design.**
- The course is designed to offer in depth knowledge of the subject starting from its basic concepts to the state of art technologies in use today.
- Students are provided extensive laboratory training on the course content to meet the current requirements of industries and R & D organizations.
- **Choice Based Credit System** introduced in the year 2014 enables students to choose subjects of their interest.



Features of the Course:

- * The course provides exposure to the students to the technologies in-vogue and trains them to take up projects relevant to the industrial needs, the R& D activities and self-employment opportunities.
- * A student after passing the course has many opportunities of employment, self-employment and to pursue higher studies.
- * The course syllabus is designed in accordance with UGC- NET/SLET and other competitive examinations.
- * The students get to do Internship in Electronic Industries like HAL, BEL etc., and Research Organizations wherein there are chances of them getting absorbed.
- * College Innovation cell provides an opportunity for the students to convert their ideas into products and can become young entrepreneurs.

Employment Opportunities:

Majority of our M.Sc. Graduate students are well placed in the following areas:

- ❖ Electronics and Telecommunication Industries.
- ❖ IT Industries (India and Abroad).
- ❖ Process and Manufacturing Industries.
- ❖ Research and Development Laboratories.
- ❖ Lecturers in PUC (+2) and Degree colleges.
- ❖ Faculty in International Schools
- ❖ Public sector Banks.
- ❖ Research leading to PhD
- ❖ Entrepreneurs (PCB Design, Embedded systems, Electronic Gadgets etc.)

Eligibility Criterion:

Any science graduate student with Electronics as core subject or physics with Electronics as specialization/Interdisciplinary/ applied/allied subject with 50% aggregate marks. The candidates seeking admission are required to apply online.

Facilities:

- * DSP lab
- * Nano fabrication and characterization lab.
- * Sensor and device lab.
- * Embedded lab.
- * VLSI Lab.
- * Atomic Force Microscope.
- * Impedance Analyzer.
- * Vector Network Analyzer.
- * Microwave Bench.
- * PLC Trainer Kit.
- * Spartan 6 kits.
- * IoT lab

Mobile:

Dean: 9341943755 (Dr. Uma V)

Faculty: 9845559764, 9886608836, 9980931961

For more details contact:

Dept. of Electronics, Mount Carmel College, Autonomous Bengaluru.

Phone: 080-22261759 Ext-218, **E mail:** elec@mccbrr.edu.in or mcc.elec@gmail.com

Website: (<http://www.mccbrr.edu.in/electronics>)