



Mount Carmel College, Autonomous

No. 58, Palace Road, Bengaluru – 560052.

Admissions open for M.Sc Electronics 2023-24
(For both Boys and Girls)

About the Course:

- M.Sc. Electronics is a Two year program which spans through four semesters.
- The program is designed to offer in-depth knowledge in the diverse fields namely **Embedded Systems, Signal Processing, Nanoelectronics, Biomedical Instrumentation, VLSI Design, Artificial Intelligence, Machine learning and Robotics** to cater to the needs of industry.
- The Department of Electronics is equipped with the **state of the art laboratories**.

Features of the Course:

- * The program provides exposure and hands-on to the technologies in-vogue and trains the students to undertake projects relevant to the industrial needs and participate in R& D activities.
- * M.Sc Electronics program leads to plethora of employment opportunities.
- * The curriculum is designed to cater to the needs of UGC- NET/SLET, GATE and other competitive examinations.
- * The Internship program undertaken by the students in leading Electronic Industries namely HAL, BEL, Titan etc., and Research Organizations provide avenues for job absorption.
- * College Innovation cell – MCCIIE provide a platform for the students in product development and encourage them to become entrepreneurs
- * The Department is recognized as a research center under Bangalore University and Bengaluru City University.

Eligibility Criteria:

- * Any Science graduate with Electronics as core subject or Physics with Electronics as specialization / Interdisciplinary / applied / allied subject with 50% aggregate marks.
- * B.Sc (Physics, Mathematics and Electronics), B.Sc (Computer Science, Mathematics and Electronics), B.Sc (Physics, Mathematics and Computer Science), B.Sc (Physics, Chemistry and Mathematics), B.Sc. Honours with Physics/Electronics, B.A.Sc. Honours with Electronics and Instrumentation.
- * BE graduates (EEE,ECE,EI,TC)

Placement Highlights:

- ✦ 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
- ✦ Entrepreneurs (PCB Design, Embedded systems, Electronic Gadgets etc.,)

Facilities:

Labs and Instruments

- * DSP lab
- * Nanofabrication and characterization lab.
- * Sensor and device lab.
- * Embedded Systems lab.
- * VLSI Lab.
- * Atomic Force Microscope.
- * Impedance Analyzer.
- * Vector Network Analyzer.
- * Microwave Bench.
- * PLC Trainer Kit.
- * Spartan 6 -kits.
- * IoT lab in collaboration with Texas Instruments

For more details contact:

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The candidates seeking admission are required to apply online

