



Empowering Minds & Transforming Lives since 1958

COUNCIL FOR THE INDIAN SCHOOL CERTIFICATE EXAMINATIONS

Pragati House, 3rd Floor, 47-48, Nehru Place, New Delhi – 110019

Tel: +91-11-29564831, 29564833, 26411706, 26413820

Email: ces@cisce.org | www.cisce.org

Chief Executive & Secretary

Gerry Arathoon

M.A., B.Ed.

7th March 2023

Dear Principal,

Subject: Introduction of the subject Robotics and Artificial Intelligence at the ICSE level

In keeping with the recommendations of the National Education Policy (NEP – 2020), the Council for the Indian School Certificate Examinations (CISCE) has introduced the subject **Robotics and Artificial Intelligence** at the ICSE level, under Group III from Examination Year 2025 onwards.

The syllabus for the subject has been developed in collaboration with the I-Hub Foundation for Cobotics - Technology Innovation Hub of IIT Delhi.

In this regard, please find attached the qualification requirements for teaching the subject.

For details of Laboratory requirements, please refer to the ICSE Regulations and Syllabuses for Examination Year 2025.

In case of any further queries with regards to introduction of the subject, please write to the undersigned.

With warm regards,

Yours sincerely,

Gerry Arathoon -
Chief Executive & Secretary



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REQUIREMENTS FOR TEACHING

ROBOTICS AND ARTIFICIAL INTELLIGENCE AT THE ICSE LEVEL

Minimum Qualifications:

B.Tech/ B.E.(Computer Science, Electronics Engineering, Instrumentation Engineering, Electrical Engineering or Mechanical Engineering.) or M.Sc./(Applied Mechanics, Physical Science) or equivalent with necessary experience.

Experience:

One (1+) year of relevant industry, teaching at school or college level, or research experience is preferred.

Competencies and Skills:

- Proficiency in at least one the programming language (C/C++ / Python preferred)
- Familiarity with microcontrollers and programming
- Proficiency in computer programming and coding.
- Skills in Robotics hardware and system integration.