

ECE QUEST

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PSCMR

College of Engineering and Technology

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About the Department

The Department of **Electronics and Communications Engineering** envisions the E.C.E graduate as a competent and ethical professional in the areas of electronics, communications, and digital signal processing. The Department of Electronics and Communication Engineering is established in **2008**. It offers B.Tech programme with a student intake of **120**.

Vision:

To be a leading center for education and research in electronics and communication engineering, making the students adaptable to contemporary technologies with sound knowledge and socio-ethical values in an integrated learning environment.

Mission:

- **M1:** To produce knowledgeable and technologically competent engineers for providing services to the society.
- **M2:** To have a collaboration with leading academic, industrial and research organizations for promoting research activities among faculty and students.
- **M3:** To create a unified learning environment for sustained growth in electronics and

- **PSO1:** The ECE Graduates will be equipped with knowledge of complete design flow from specification to silicon in areas of both digital and analog VLSI Design and will be able to work in IC design companies.
- **PSO2:** The ECE Graduates will be trained with microprocessor and microcontroller based system design skills and can work as design and verification engineers in the area of embedded systems design.
- **PSO3:** The ECE Graduates will be able to apply engineering knowledge for design and implementation of projects pertaining to signal processing and communications.
- **PSO4:** The ECE Graduates will be incorporated with necessary soft skills, Aptitude and technical skills to work in it and public sector.

PSO'S

- **PEO1: Engineering Foundation**

To produce graduates with firm foundation in electronics and communication engineering.

- **PEO2: Core Competence**

To motivate graduates to Analyze, Design, Develop, Optimize and implement electronic systems with competent spirit.

- **PEO3: Breadth Knowledge**

To enable graduates with sufficient breadth in electronics and its related fields to solve general engineering problems in an eco-friendly environment.

- **PEO4: Soft Skills**

To make graduates with a professional outlook who can communicate effectively and interact responsibly with colleagues, Clients, Employers and society.

- **PEO5: Knowledge Enhancement**

To prepare graduates who pursue lifelong learning and professional development including higher education.

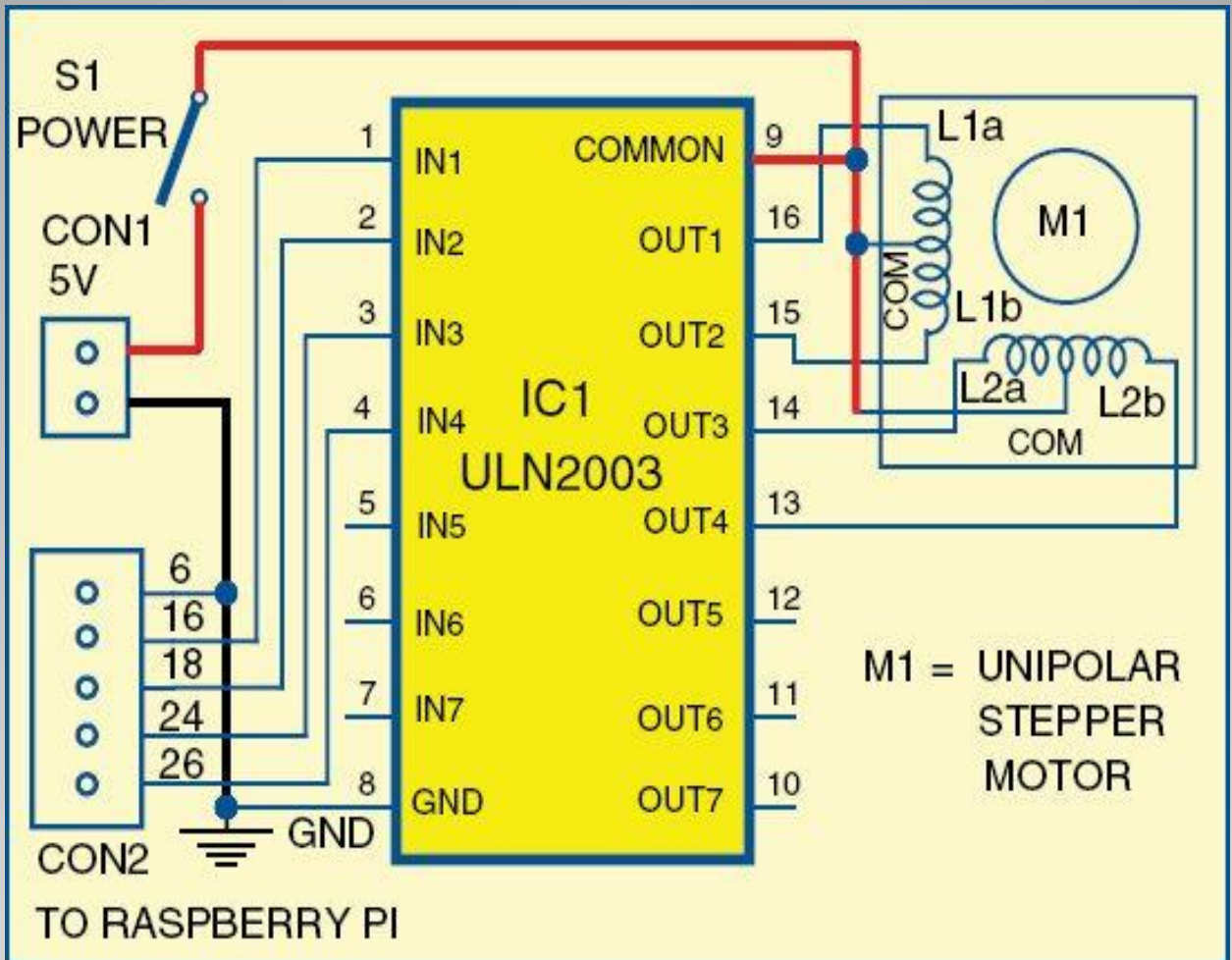
PEO'S

Do it yourself

Remote Control of Webcam Through Internet

Necessity is the mother of invention, and that's how I could find a smart solution for controlling my webcam from a remote location where distance is no limit. This article describes the technique to control the webcam connected to a Raspberry Pi's general-purpose input/output (GPIOs) pins from a remote machine's web browser.

- Circuit Diagram



<https://electronicsforu.com/electronics-projects/hardware-diy/remote-control-webcam-internet/2>

Vikram Sarabhai

Indian scientist

- Vikram Ambalal Sarabhai (12 August 1919 – 30 December 1971) was an Indian scientist and innovator widely regarded as the father of India's space programme. Sarabhai received the Shanti Swarup Bhatnagar Medal in 1962. The nation honoured him by awarding Padma Bhushan in 1966 and Padma Vibhushan (posthumously) in 1972.



Scientist of the year

- Education Observer - educationobserver.com - An Educational Portal Serving the student community by providing timely educational news from Universities and colleges, scholarship news, a discussion on various subjects and more.
- Career Launcher - careerlauncher.com - provides coaching classes for entrance exams like CAT, XAT, CMAT, JEE Advanced, JEE Main, UPSC Civil Services, CSAT, Bank PO and more.
- Infinite Courses - infinitecourses.com - education portals in India for students, teachers and parents to search for Study in India, higher education in India, Courses in India, Courses after 10th, 10+2.

Important Websites



Events

Computer Hardware
Training conducted during
2017-18