



CHANAKYA
UNIVERSITY

School of Engineering

Bachelor of Technology (B.Tech)

Start Better, Go Farther

*Purposeful
Engineering*

EXALT

WILL

WISDOM

ACTION

INGEUNITY

INGENIOUS

*Not just another
university*

*Not just another
engineering course*



Nurtured by *Pioneers, doyens and visionaries*

INTERNATIONAL ADVISORY COUNCIL



Dr. K. Kasturirangan
Former Chairman,
ISRO



Prof. Manjul Bhargava
Professor,
Princeton University



Sri Prakash Belawadi
Co-Founder,
Centre for Film & Drama



Dr. Sitaram Jindal
Chairman and MD,
Jindal Aluminium Limited



Prof. Bhushan Patwardhan
Former Vice Chairman,
University Grants Commission



Sri Hari Kiran Vadlamani
Founder
Indic Academy



Prof. S. Sadagopan
Former Director,
IIT, Bangalore



Smt. Sonal Mansingh
Renowned Dance Artist,
Member – Rajya Sabha



Prof. Sunaina Singh
Vice – Chancellor
Nalanda University



Dr. Kiran Mazumdar-Shaw
Executive Chairperson,
Biocon Limited



Sri S. V. Ranganath
Former Chief Secretary
Government of Karnataka



Prof. Vasudha Kamat
Chairperson
Governing Board, CEC



Prof. Subhash Kak
Computer Scientist
& Historian
Oklahoma University



**Dr. Chandraprakash
Dwivedi**
Renowned Film Director
Member – IGNCA



Sri Ricky Kej
Indian Music Composer
& Environmentalist, 3 time
Grammy Award Winner



Sri Sajjan Jindal
Chairman, JSW Group



Sri Anurag Behar
Chief Executive Officer
Azim Premji Foundation



Prof. Michel Danino
Visiting Professor
IIT, Gandhinagar



Sri Harish Bijoor
Brand Guru & Founder
Harish Bijoor Consults Inc



Prof. Kapil Kapoor
Governing Body
IIAS Shimla



Sri Manish Sabharwal
Vice Chairman
Teamlease Services



Prof. Bhimaraya Metri
Director
IIM – Nagpur



Prof. Narendra Ahuja
Indian American
Computer Scientist



Amish Tripathi
Author and
Former Diplomat



Former Justice Sharad Arvind Bobde
Former Chief Justice of India



School Overview

The School of Engineering at Chanakya University is committed to fostering transformative leaders by offering innovative and transdisciplinary programs that equip youths with skills to address complex challenges. Our strong focus on innovation, sustainable solutions, and state-of-the-art infrastructure collectively contributes to the University's vision of becoming a globally recognized University rooted in Indian ideals.



Dr Vineeth Paleri
Professor and Director-Academics,
School of engineering,
Retired Professor,
Department of CSE, NIT Calicut

Bachelor of Technology (B.Tech)

The engineering program at Chanakya University is designed to cater to a comprehensive education that extends the traditional technical and textbook knowledge. Internships and research incubation are an integral part of our curriculum, aligning with the university's mission to develop transformative leaders and create knowledge for sustained growth. The real-time knowledge and industry-aligned teaching modules help students acquaint advanced innovation and trends in the respective domains. Student's progress is being closely mentored and guided by industry experts to meet the heights of corresponding disciplines.

The program structure at Chanakya University is thoughtfully designed, with a total of 140 credits. Key features include a strong emphasis on professional core courses, constituting 60% of the program, providing students with a solid foundation in their chosen field. The remaining 40% is dedicated to electives, including project work, offering students the flexibility to explore their interests and gain specialized knowledge.

Alongside technical coursework, mandatory non-credit courses in areas like ethics, culture, and social service ensure holistic development. This well-balanced credit distribution equips students with a comprehensive education that combines core expertise, interdisciplinary learning, and personal growth.

Eligibility Criteria

The student must be qualified from a recognized state pre-university (10+2) with Physics/Mathematics/Chemistry/ Computer Science/ Electronics/ Information Technology/ Biology/ Informatics Practices/ Biotechnology/ Technical vocational subject/ Agriculture/ Engineering Graphics/ Business Studies / Entrepreneurship.

- Must obtain at least 60% marks in the above-mentioned subjects
- Results from one of the below-mentioned exams are mandatory: CUPP, JEE, CET, and COMED-K

Programs Offered

BACHELOR OF TECHNOLOGY (BTECH) in

- Computer Science Engineering
- Computer Science and Artificial Intelligence
- Electrical Engineering and Computer Science
- Electronics Engineering (VLSI and Embedded Systems)
- Mechanical and Aerospace Engineering
- Civil, Construction, and Sustainable Engineering

MINORS OFFERED

- AI & ML
- Data Science & Economics,
- VLSI & Embedded System
- Cyber Security
- Public Policy and Data Analytics
- Computational Biology
- Computational Sciences
- Robotics and AI

Built better

ENGINEERING ADVISORY COUNCIL



Dr. Mahesh Panchagula
Department of Applied Mechanics
and Dean (Alumni and Corporate
Relations), IIT Madras.



Dr. Ganesh Ramakrishnan
Department of Computer Science
and Engineering, IIT Bombay.



Dr. Avinash Kumar Agarwal,
Department of Mechanical
Engineering, IIT Kanpur.



Dr. Y Narahari
Director, Centre for Brain
Research, IISc Bangalore.



Dr. Shanthi Pavan
Department of Electrical
Engineering, IIT Madras.



Dr. Sreevalsa Kolathayar
Department of Civil Engineering,
NITK Surathkal.

Faculty members



Prof. Y. N. Srikant
Visiting Faculty,
Chanakya University
Ph.D, Indian Institute of Science



Dr. Krishnan R.
Associate Professor,
Computer Applications
Ph.D., VTU, Belagavi



Dr. Nandha Kumar K.G
Associate Professor,
Computer Applications
Ph.D., Bharathiar University



Dr. Ashish Kumar Shukla
Assistant Professor
Ph.D. (Materials Science)



Dr. Bharath Setturu
Assistant Professor,
Computer Science
Ph.D., IIIT Hyderabad



Sri Naresh Dixit P. S.
Assistant Professor,
Civil engineering
M.Tech, VTU, Belagavi



Dr. Vijay V
Assistant Professor
Ph.D., IIT Madras



Smt. Usha Subramanian
Professor of Practice,
Computer Science
M.S., BITS Pilani
Former Professor at MIT, Myanmar



Dr. Kowshik Thopalli
Visiting faculty
PhD, Arizona State University



Dr. Ritesh Jain
Visiting Faculty
PhD, Uni. Wuppertal,
Germany Renesas Electronics



**Dr. Siddhartha Visveswara
Jayanti**
Visiting Faculty
Google Research, USA
Ph.D., MIT



Shishir Shukla
Visiting Faculty
MS, Arizona State University
Renesas Electronics



Dr. Tanujay Saha
Visiting Faculty
Ph.D., Princeton University
B.Tech, IIT Kharagpur



Engineering the chanakya way

$$1/4 + 1/4 + 1/4 + 1/4 > 4$$

Unlimiting potential, Expanding possibilities.

The whole is bigger than
sum of its parts

Engineering education is widespread in India, yet riddled with limitations. That's why our engineering courses are built better.

Guided by our core ideals, vision, and purpose, we're dedicated to advancing engineering education. Shaped by top minds in both industry and academia, our approach is a unique blend of intergenerational learning, tech, and a human quest for creation. We aim to educate and inspire a generation of creators and job creators. Join us on this journey as our engineering courses unlimits and expands possibilities.

1/4

from
Teacher

1/4

from Team
Projects &
Team study

1/4

from self-study (topics
assigned by instructor,
reading material given)

1/4

from
Internships

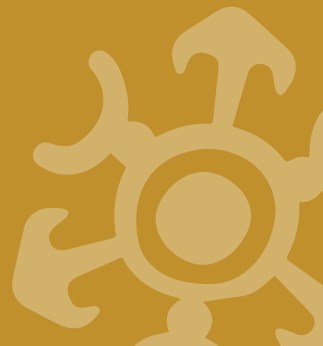
High-level design features of the curriculum

- Unique and differentiated – emphasis on cross-disciplinary learning
- 140 Credits Required
- 60% CoreCourses and 40% electives from IITM experience
- Emphasis on humanities – graduating human engineers and Indian Knowledge Systems (Tantra Yukti, Arthasastra)
- Soft skill training intricately designed and woven into the technical curriculum – not rely on instructor-initiation and serendipity
- Whatever is taught should be taught in depth
- Special emphasis on integration of IKS within courses



Key features of the program

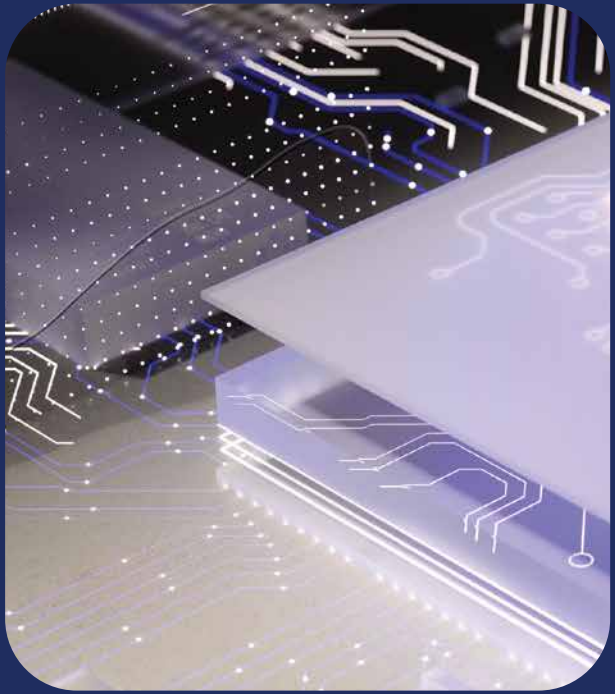
- 1 Interdisciplinary Learning
- 2 State-of-the-Art Facilities
- 3 Experiential Learning
- 4 Faculty Expertise
- 5 Soft Skills Development
- 6 Cultural and Ethical Values
- 7 Global Exposure
- 8 Career Guidance and Placement Support
- 9 Research Opportunities
- 10 Flexibility and Choice



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Student outcomes*

**Aligned with ABET*



Ability to solve real-time problems using scientific approaches



Ability to synthesize information from multiple disciplines and analyze problems in depth.



Ability to develop multiple solutions using interdisciplinary engineering design and advanced mechanics.



Ability to serve society beyond their engineering knowledge and classroom learning.



Ability to work in a team in a planned program and communicate the results effectively with various audiences.



Ability to learn, acquire and apply new knowledge as needed, using appropriate tools and strategies.

Our Purpose

Creating knowledge and transformative leaders for holistic development.

Our Vision

-  Develop youth with capabilities to be inspiring leaders.
-  Nurture world-class scholarship with high impact research and practice.
-  Facilitate transdisciplinary studies and research to provide sustainable solutions for human and environmental challenges.
-  Build state-of-the-art knowledge repository and digital infrastructure to expand the horizon of understanding among all stakeholders.
-  Create innovative educational ecosystem to foster engagement with Business, Government and Society for holistic development.

Our Values



Integrity



Humanism



Creativity



Academic
Freedom



Team
Spirit



CHANAKYA
UNIVERSITY

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Haralur, Devanahalli, Bengaluru - 562129