

ADMISSION BROCHURE

# 2022



**INDIRA**

Shree Chanakya Education Society's

**INDIRA COLLEGE OF  
ENGINEERING AND  
MANAGEMENT, PUNE**

[www.indiraicem.ac.in](http://www.indiraicem.ac.in) >>



# ABOUT US

Indira College of Engineering and Management, Pune (ICEM) established in 2007, is a venture of SCES. The institute is approved by the All India Council of Technical Education (AICTE), New Delhi and Govt. of Maharashtra and is affiliated to Savitribai Phule Pune University.

The post globalization era in India has resulted in fast pace development activities, shaping mighty economic developments. Infrastructure developments are meeting the industrial needs and making India a promising destination. This has created a need for professionals with expertise in multiple disciplines to spearhead the growth momentum. Engineering is an instrumental branch that will define the future course of these lofty development plans.

At ICEM we are committed to nurturing the required expertise under one roof by creating competent and motivated technocrats and managers of tomorrow, who will use their technical knowledge and managerial qualities to confidently and successfully lead the organization.

ICEM has a state-of-the-art campus, situated in the serene and picturesque settings of Maval Taluka, a few minutes walk away from the Mumbai-Pune Expressway.

The growth of ICEM in the past four years is exemplary & is at par with the commitment, which we ensure to continue in future. It was a result of teamwork by the dedicated & committed staff under the stewardship of the management.

Our students who have come from different strata of society have adapted well to our philosophy namely Indira culture.

## OUR VISION

The institute envisions to develop itself into a centre of academic excellence in the field of Engineering and Management education in order to develop future technocrats and managers having the right knowledge, skill and attitude to serve society and industries to fulfil their ever-changing requirements.

## OUR MISSION

- » To train our students to become the best Engineering Entrepreneurs today, who will lead the organizations successfully into the future; locally, nationally and globally.
- » To provide an environment which fosters continuous improvement & innovation with related technical support & facilities to enhance student and faculty effectiveness.
- » To provide programs focusing on the holistic development of the individual with an emphasis on personality grooming, physical fitness and a strong sense of social and environmental responsibility.
- » To improve logic & scientific reasoning and develop a global mindset amongst the students and prepare them to work in a heterogeneous environment.

## QUALITY POLICY

We are committed to quality engineering/management education and continual quality enrichment by establishing and applying mechanisms for the satisfaction of our stakeholders.

# AWARDS & ACCOLADES

**Women Leader  
of the Year  
Dr. Tarita Shankar**

BUSINESS LEADER  
OF THE YEAR  
2022

**Achiever of  
the Year  
Prof. Chetan Wakalkar**

BUSINESS LEADER  
OF THE YEAR  
2022

**Best Dean  
Dr. Sunil Ingole**

BUSINESS LEADER  
OF THE YEAR 2022  
(Individual Categories)

**Best HOD (MCA)  
Dr. Darshana Desai**

BUSINESS LEADER  
OF THE YEAR 2022  
(Individual Categories)

**Outstanding Faculty  
(Engineering)  
Dr. Kiran Devade**

BUSINESS LEADER  
OF THE YEAR 2022  
(Individual Categories)

**Best Campus Placements &  
Industry Academia Interface**

BUSINESS LEADER  
OF THE YEAR 2022  
(Individual Categories)

**Best Educational  
Institute in Engineering**

GLOBAL EDUCATION  
AWARDS 2021

**Top Private Engineering  
Institute (West)**

NATIONAL AWARDS  
FOR EXCELLENCE IN  
EDUCATION  
2020

**Best Academic and  
Industry Interface**

ABP NEWS  
NATIONAL EDUCATION  
AWARDS 2017

**Education  
Leadership Award**

GOLDEN GLOBE  
TIGERS SUMMIT, MALAYSIA  
2018, 2015

**Outstanding  
Education Institute  
(west) Award**

ABP NEWS NATIONAL  
EDUCATION AWARDS  
2018, 2015, 2014, 2012

ABP NEWS  
NATIONAL  
EDUCATION  
AWARDS  
**2022**

OUTSTANDING EDUCATION  
INSTITUTE (WEST)

World CSR Congress & Awards – 2022

CSR Initiative of the Year

Indira Group of Institutes, Pune  
Indira Covid Relief Initiative





## Message From the Chairperson's desk

**DR TARITA SHANKAR**  
INDIRA GROUP OF INSTITUTES, PUNE

For several decades, the world's economic experts have been confronting slow growth. Technical experts stated the demand for conception, convergence and creation by technologies such as E-Sampark, Common Service Centers, Digi Lockers, Net Care Systems, Real-Time Governance System, Digital India, Make in India, entrepreneurship may help to break the economic crisis throughout the world.

ICEM understands the need of the time, our students are equipped with all the tools to fight the battle on the professional ground, ahead of them and emerge victorious in their field of choice. If you have the passion to excel, Indira ensures that your talent will be fully enriched for the benefit of the country. At ICEM, we strongly believe that engineering & entrepreneurship go hand in hand. Hence, every possible effort is made to provide entrepreneurial culture to the students by consistently instilling the values of innovation collaboration, entrepreneurship & management among them.

I am very proud to share that ICEM Mechanical Team "ALCHEMIST" and "TEAM ALCHEMIST RACING" has successfully secured 3rd in SAE- SUPRA and SAE-BAJA virtual round, fabricated "ONYX "for BAJA and "ALCHEMIST RACING" for SUPRA. Also, I am very proud of ICEM Computer Dept Team CODAHOLIC DAEMONS bagged the prize with 75,000/- cash award in NIT Warangal, India's biggest open innovation challenge – Smart India Hackathon, which is an initiative of the Ministry of HRD, AICTE. At Indira, we understand the need and importance of women's contribution in the economy of our country and make sure that our girl students feel empowered & safe on the campus. We aim to help them become successful professionals with great social values.

**“We see technology as a means to empower and as a tool that bridges the distance between hope and opportunity”- Mr Narendra Modi Ji (PM India)**



## Message From the Group Director's desk

**PROF CHETAN WAKALKAR**  
INDIRA GROUP OF INSTITUTES, PUNE

This is the world of energy, environment, food, communications, logistics, manufacturing, and product development. The Indian government has declared this decade the "Decade of Innovation". The challenge for India in this decade is to look beyond development occurring solely in scientific R & D laboratories to build a holistic environment encompassing industry, education and the service sectors to drive growth. Of course, technology is a very important part of the equation.

The secret of innovation is to think big, act small, fail fast and learn rapidly. It is key not to let predetermined goals undermine future success. It requires focus, leadership, and dedication to create an authentic community of motivated thinkers and doers that can open new channels for the industry.

Exponential advances in knowledge, communication, instrumentation, and information technology have created mind-boggling possibilities and students are cutting across traditional disciplinary boundaries in unprecedented ways. As an educator, we are aware of the challenges ahead and also aware that students are driven by passion, curiosity, engagement and dreams. We at Indira, focus on the environment in which they learn and the forces, ideas, inspirations, and empowering situations to which they are exposed.

In this global knowledge age - with its serious problems and great opportunities - we need the best and brightest to enter the engineering stream. And we wish for a larger no. of students to work in the areas of engineering innovation that will keep us secure, healthy and flourishing within vibrant economies and organizations and be prepared to live & work as global citizens.

**"If people aren't telling you that your idea is crazy, then it is likely not a very big idea."**  
**Francis Ford Coppola**



## Message From the Principal's Desk

**DR SUNIL INGOLE**

INDIRA COLLEGE OF ENGINEERING AND  
MANAGEMENT, PUNE

Indira Institute is an amalgamation of competent teachers, state-of-the-art infrastructure and an experienced and efficient administration. The Institute came into existence with the great vision of creating a safe and supportive environment for its students and also providing a holistic development of academics, sports, artistic with the social aspects. Learning must be a joyful journey for what they strive for. I feel honoured to be the principal of Indira College of Engineering and Management, Pune which provides an opportunity to interact with the students, faculties, and supporting staff regularly. While studying at the ICEM the students would be groomed to become confident, articulate and enlightened young citizens, ready to enter into global society with dignity, honour and integrity.

We appreciate students who are creatively curious and strive to experiment & innovate new things on both academic and non-academic fronts. Our pedagogy is student-centric with an emphasis on inquiry and project-based learning. We treasure dynamism and deem that one should be well prepared to adapt to the worldwide scenario and work on his learning accordingly. We aim not only to impart knowledge to the students but also to inculcate wisdom, compassion and a humanitarian spirit in them. We have students from various cultures, hence we teach students the importance of tolerance and respecting each other's culture. We have always closely worked with the management industry & corporates and therefore offer our students close interactions with them in the form of in-house, on-site training. Discipline, values and integrity are the foremost foundation of this Institute that they would offer to the world with their excellence. It feels a great sense of community, where each member makes their own contribution as per their potential, which makes Indira Institutions a truly special place for them to work.

## Admissions @ ICEM

### DOCUMENTS REQUIRED WHILE TAKING ADMISSION

- » JEE Main 2022 / MHT-CET 2022 / Qualifying Examination Score Card
- » 10th Standard/CBSE/Equivalent Exam Mark sheet
- » 12th Standard/CBSE/Equivalent Exam Mark sheet
- » Leaving Certificate/Transfer Certificate
- » Proof of Indian Nationality / Domicile Certificate
- » Caste Certificate (If applicable)
- » Caste Validity (If applicable)
- » Non Creamy Layer Certificate

### FEES STRUCTURE

Kindly check the website [www.indiraicem.ac.in](http://www.indiraicem.ac.in) for the tuition fee of all courses.

To avail the special scholarship offered by the Institute please contact the mobile number

+91-7720010705 / 706

NB: The rules & regulations with respect to admission to various courses & fees for the respective courses are governed by governmental agencies & may change from time to time. The prevalent rules will be binding both on management & students.

### INTAKE

Course	Sanctioned Intake	TFWS	CAP	Institute Level
Computer Engineering	120	06	96	24
Mechanical Engineering	60	06	48	12
Civil Engineering	60	03	48	12
AI-DS	30*			
MBA	60	NA	48	12
MCA	60	NA	48	12

\* Proposed intake from AY 2022-23

### ADMISSION PROCESS

For First year /  
Direct Second year

**Engineering / MBA / MCA** regulation of admissions and admission process visit the following websites:

- » [www.dtemaharashtra.gov.in](http://www.dtemaharashtra.gov.in)
- » [www.cetcell.mahacet.org](http://www.cetcell.mahacet.org)

### ELIGIBILITY

For First year /  
Direct Second year

**Engineering / MCA / MBA / ME** admissions please visit the following page:

- » [www.cetcell.mahacet.org](http://www.cetcell.mahacet.org)

College Code: **EN6179**



## INFRASTRUCTURE

ICEM ensures state of the art learning conditions to help our students achieve academic standards to meet Industry requirements. Whether it is health, fitness, comfort, reading space, sports or computer time, Our Parandwadi Campus provides some of the best resources. The entire campus is spread across 40 acres, out of which 10 acres of land is earmarked for Engineering.

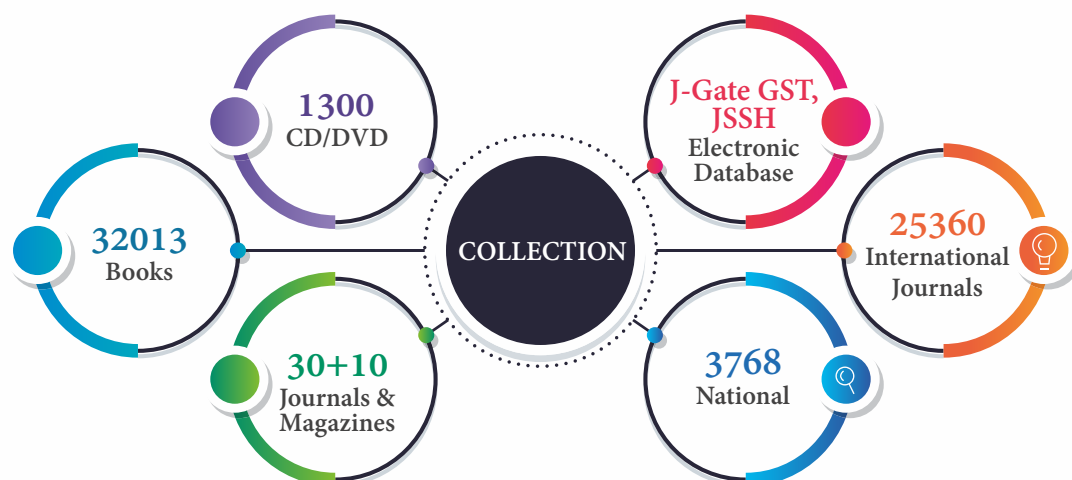
Good infrastructure with classrooms equipped with LCD projectors is provided for an effective teaching and learning process. Over 600 branded and sophisticated computers with major essential peripherals are available. College is highly concerned with advancement in technology and accordingly, keeps updating its labs.

## SALIENT FEATURES

- » Classrooms with all advanced teaching aids like LCD Projectors and Computers
- » Well-equipped Library
- » State of the art laboratories with all modern and advanced equipment
- » Massive well-equipped workshop
- » Computer laboratory with sophisticated Software
- » Wi-Fi campus with 50 Mbps internet facility
- » Communication Lab
- » Conference Room
- » Seminar halls in each department
- » Separate hostel accommodations for boys and girls
- » Very good and hygienic canteen facility
- » Sports and Gym Facilities
- » Playgrounds for outdoor games as well as facilities for indoor games
- » A very efficient transport system connecting our campus with various hubs of Pune
- » Transport Facility available on all major routes covering Pune and PCMC area.

## LIBRARY

Mr Shankarrao Wakalkar library established in 2007, is an invaluable resource for students, researchers and faculty of management and engineering.





## CIVIL ENGINEERING

It has been beautifully said that "Civilization is through Civil Engineering." This statement speaks volumes about the importance of Civil Engineering in everybody's day to day life. Civil Engineering is the broadest of the Engineering fields.

The Faculties of the Department continue to strive for excellence by exploring new frontiers of knowledge and imparting the latest technical knowledge to the students. Department is also planning for different well-equipped laboratories with modern instruments, classrooms, separate computing facilities with the latest licensed software, visual aids like charts and models, audio-video learning material and specially prepared transparencies etc. The Department focuses on advanced research and education in the broad areas of Geotechnical, Structural, Transportation, and Water Resources & Environmental Engineering. The faculty also renders technical advice on live engineering problems to various Government and Private Sector companies nearby Pune. The academic activities of the Department emphasize a deep understanding of fundamental principles, the development of creative ability to handle the challenges of Civil Engineering, and the analytical ability to solve problems which are interdisciplinary in nature. The department of Civil Engineering with its multifaceted faculty continues to maintain and cultivate its strong link with the infrastructural industry, academic and research institutions.

Intake - 60 Seats

### LABORATORIES

- » Geotechnical Engineering Lab (GTE)
- » Environmental Engineering
- » Basic Civil and Engineering Mechanics
- » Engineering Mechanics Lab (EM)
- » Strength of Materials/ Concrete Technology Lab (TOM):
- » Surveying/Advanced Surveying Lab
- » Fluid Mechanics Lab (FM)
- » Engineering Geology Lab: (EG)
- » Computer Lab
- » Drawing Hall
- » Basic Civil and Engineering Mechanics

## COMPUTER ENGINEERING

Keeping in view the emerging IT industry challenges, the computer department at ICEM is known for its academic excellence along with professional learning flexibility for turning the students and providing enhanced training in advanced technologies. The students are trained in core domain areas like Computational Complexity Theory, Applications and Databases, Computer Graphics, Programming and Algorithms.

The Computer Engineering Department at ICEM is well equipped with the Highly Qualified and Skilled Teaching Staff with Industrial Experience, Sophisticated Laboratories and state-of-art infrastructure.

The Department focuses on inculcating in-depth knowledge of all fields of Computer Engineering as well as imparting knowledge of the discipline, teamwork, communication skills and an ability to work with a diverse set of constraints. The Department regularly arranges guest lectures, seminars and workshops to train the students in all these aspects. The trainers are from Academia as well as from Industry.

The Department also provides extra inputs through in-house certification programs, aptitude training & GATE coaching for Final Year students and Trinity London Certification. To build the overall personality of every student the department also arranges Tech-Fest, Paper Presentations and various competitions which are for the students and organized by the students.

Intake - 120 Seats

### LABORATORIES

- » Database Lab
- » Programming Lab
- » Project Lab
- » Linux Lab
- » Digital & Microprocessor Lab
- » PG Lab
- » PG Research Lab
- » Embedded System Lab
- » Network Lab
- » Multimedia & Graphics Lab
- » Mobile and Cloud Computing Lab
- » Software Lab

## MECHANICAL ENGINEERING

Mechanical Engineering is a diverse area that brings many disciplines of engineering together. The mechanical engineering profession centres on creating technologies to meet human needs. Virtually every product or service in modern life has probably been touched in some way by a mechanical engineer to help humankind. Mechanical Engineers create sophisticated computer control robots, design ships and aircraft, design industrial plants and specialized devices for disabled people, study fluid flow patterns, develop advanced technology to protect the environment and more. Many innovations crucial to our future will have their roots in the world of mass, motion, forces and energy – the world of Mechanical Engineers.

Intake - 60 Seats

## LABORATORIES

- » Basic mechanical Engineering
- » Fluid Mechanics and Machinery
- » Applied Thermodynamics
- » I C Engine
- » Theory of Machines
- » Dynamics of Machinery
- » Heat Transfer
- » Refrigeration and Air conditioning
- » Industrial Fluid Power
- » Mechatronics
- » Metrology and Quality control
- » Metallurgy
- » Modelling and Analysis lab
- » CAD Lab
- » Workshop

## MBA

The success of an organization depends upon the way it is managed. Management is now recognized as a very vital component of corporate success. For those students who aim to reach the management pedestal, this post-graduation Program will be extremely useful.

With a vast curriculum that encompasses communication, Finance, Business Research Methodology, Accounting for Business Decisions, International Business, Business Laws in Management, Economic Analysis of Business decisions, Strategic Management, etc., This programme is sure to add strength to the management aspirants in their career growth.

The department of MBA is affiliated to Savitribai Phule Pune University and approved by the All India Council for Technical Education, New Delhi is a feather in the cap of ICEM.

Intake - 60 Seats

## MCA

The MCA department firmly believes that “Knowledge is Power” and it provides a Master of Computer Application (MCA) course which is AICTE approved postgraduate degree in computer application. The MCA curriculum is well equipped with the latest technologies like Artificial Intelligence, Big Data Analytics, Cloud Computing, Service Oriented Architecture, and Python Programming along with core subjects and management skill development for being successful tech-managers, utilizing the resources to their fullest. MCA department inculcates skills in students required for Software development and technical enrichment through practical demonstrations, guest Lectures, expert sessions and Group Discussions. Our department believes in a consistent student industry interface and thereby frequently organizes seminars, workshops, Certifications and guest lectures of eminent personalities in the field of IT and industrial visits to the Companies. Department has a dedicated placement cell to provide 100% placement assistance to the students. The students are also reciprocated by their good achievements in academic performance and excellent placements.

Intake - 60 Seats

## FEW TOP RECRUITERS



Avalara Technologies Private Limited  
 Xoriant  
 TEKsystems Global Services.  
 AMAZE WIT (AMAZON)  
 JUSPAY  
 CDK Global  
 Goldman Sachs  
 Veritas Technologies  
 Larsen & Toubro Infotech Ltd.Pvt. Ltd  
 Morgan Stanley  
 Cisco  
 Hexaware  
 PayPal  
 Persistent  
 McKinley & Rice Creativity Pvt. Ltd.  
 NTT Data  
 Kaar Technologies  
 TCS  
 BNY Mellon  
 Evosys  
 BYJU'S  
 Eleations  
 Anglo-Eastern Ship Management Pvt Ltd  
 Jaro Education  
 Harbinger Group  
 Blue Flame Labs  
 Hettich India Pvt. Ltd  
 Vascon Engineers  
 Jade Global  
 Faurecia  
 Asteria Aerospace  
 Yardi Software India Pvt Ltd, Pune  
 Virtusa corporation  
 ICICI securities  
 Geetanjali Homestate

ProtoTech Solutions  
 TietoEVRY  
 Webtech Developers  
 Foseco India Limited  
 Wipro ( Elite NTH 2021)  
 Enpro Industries Pvt Ltd.  
 Vanderlande Industries Ltd  
 Gridlogics Technologies Pvt. Ltd  
 Altimetrik India  
 Amura Marketing Technologies  
 Neilsoft  
 QualityKiosk Technologies Pvt. Ltd.  
 IASYS Technology Solutions Pvt. Ltd  
 CVent  
 Mahindra Logistics  
 Datametica Solutions Private Limited  
 Chhoriya Realty  
 Infosys  
 GyanSys Infotech Pvt. Ltd.  
 MINDSTIX SOFTWARE LABS  
 Bitwise Solutions Pvt Ltd,  
 Valuebound  
 Square Yards  
 Dyson  
 Quinnox  
 Cassini Technology Consulting  
 Vyom Labs  
 Standard Chartered  
 Larsen & Toubro Infotech Ltd  
 Atos|Syntel  
 Pragmasys  
 Leuwint Technologies  
 Excellon Software  
 Velotio Technologies  
 Indigo Paints Limited

E-Zest  
 CliniVantage  
 Tudip Technologies  
 Delhivery  
 Everest Industries  
 Hettich India Pvt. Ltd.  
 Simplify Healthcare  
 RAJINFRASKY & BUILDCON PVT.LTD.  
 Rudder Analytics  
 FM India Supply Chain Private Limited  
 Aloha Technology  
 FIS Global  
 KPIT  
 Emtec Digital  
 Accenture  
 EPAM India  
 Roop Polymers Ltd  
 Achal Industries  
 GFI Informatique India  
 Allscripts  
 Amazon  
 PEOL Technologies  
 Bitwise  
 GlobalStep  
 MINDTREE  
 PubMatic India Pvt. Ltd.  
 IBM  
 Jindal Steel Power  
 First Insight Software Solutions (I) Pvt. Ltd.  
 Course5i  
 Armstrong World Industries  
 Saama Technologies (India) Pvt. Ltd  
 RSi (Retail Solution Inc)  
 UBS  
 Benchmark IT Solutions





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