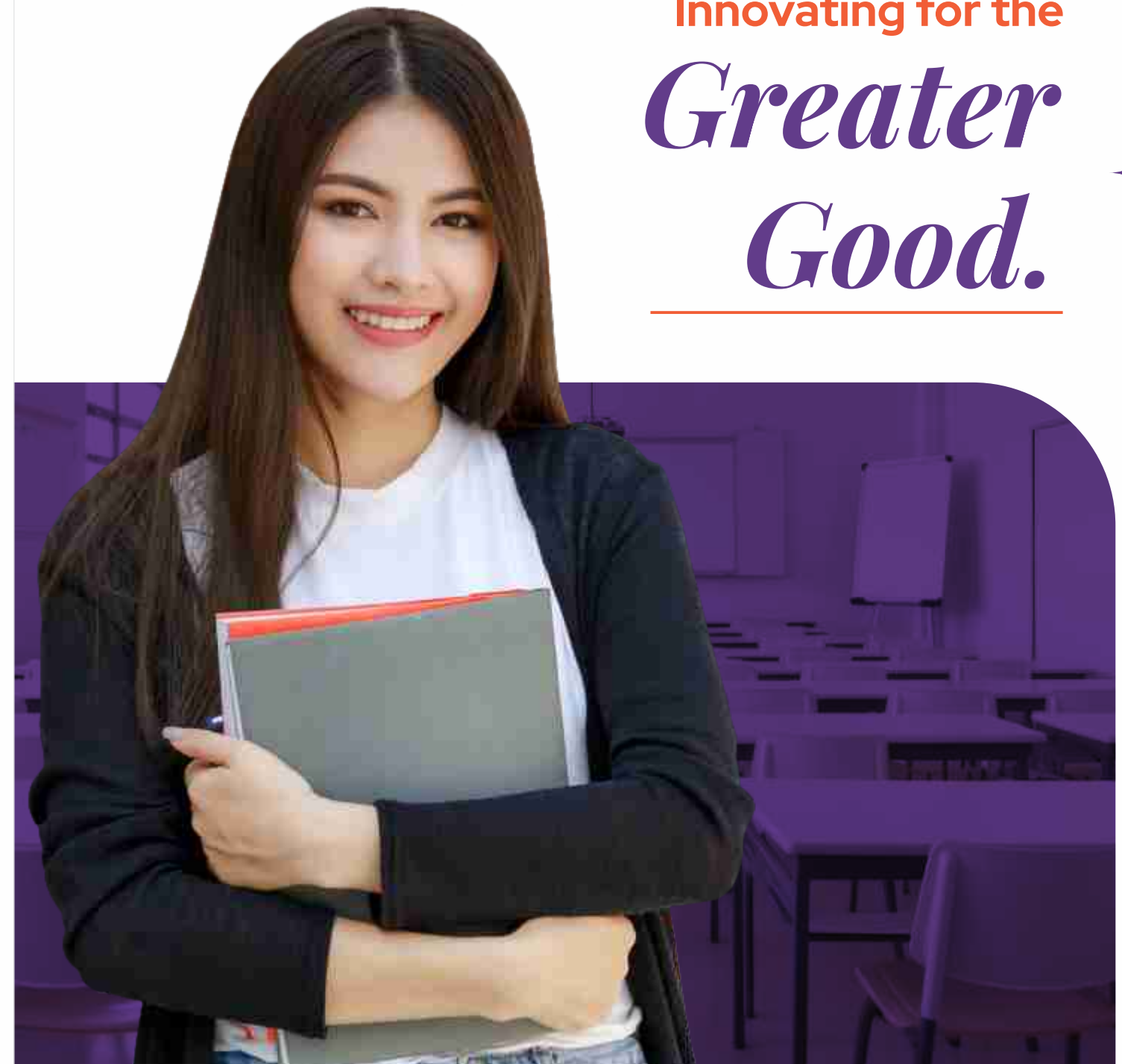
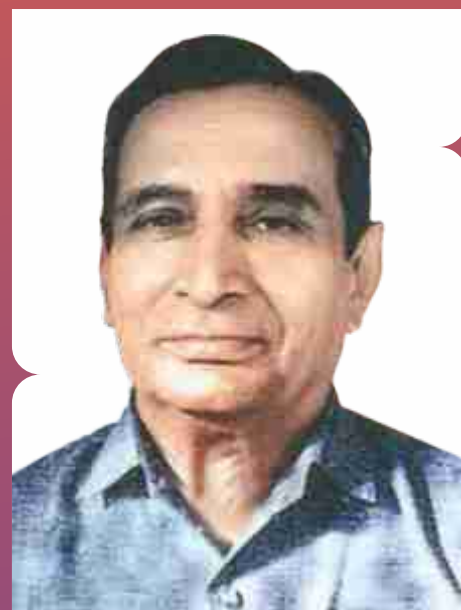


Innovating for the  
*Greater  
Good.*





**Late  
Shri. Gyanchandji  
Raisoni**



## OUR INSPIRATION

Education is a state of mind, growing and expanding on the part of an individual or a society. Education is not a single skill to be mastered, a body of facts to be memorised, or a product to be obtained but an integrated system to be developed fully.

In today's challenging world, the youth should be intellectually and emotionally balanced so that they prove to be worthy citizens.

The tremendous increase in the complexity of technologies and the enormously rapid increase in the knowledge base that supports technology have posed a lot of challenges.

Amid this challenging environment, to promote good character-building among the young generation, an overall personality development approach is required.

With the ever-increasing levels of competition in the education sector, there is always an opportunity to move beyond expectations, creating new milestones and benchmarks.

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## ABOUT RAISONI

*Develop a passion for learning. If you do, you will never cease to grow.*

Raisoni Education, a leading educational network in Central India, boasts a rich history of nurturing future leaders across various disciplines. Established in 1998 with the foundation of G H Raisoni College of Engineering in Nagpur, Raisoni Education has grown steadily, encompassing 19 institutes and 4 universities which are spread across six cities - Nagpur, Jalgaon, Pune, Amravati, Pandhurna and Bhandara.

An innovative approach at every step towards success sets the Raisoni apart. We chose to provide practically oriented education combined with a strong academic focus, developed specifically to meet industry needs.

Since the start of the journey, our motto has been 'the vision beyond'.

Our diversified spectrum includes various industries, from Manufacturing and Distribution to Marketing, Construction, and Healthcare. Education being a significant domain, we believe we can create an impact by empowering students to achieve new milestones and lead fulfilling lives. We are dedicated to offering a wide range of courses and fostering a vibrant campus life to ensure our students receive quality education and holistic development. We are committed to equipping our students with the knowledge, skills, and confidence to excel in their careers and contribute positively to society.

### Distinctive Attributes that set us apart

- Quality Education
- State-of-the-art infrastructure
- Plethora of courses
- Large Campus
- Experienced Faculty
- Advanced Curriculum

EMPOWERING  
PEOPLE to build  
POWERFUL  
SOCIETIES.

A photograph of a modern, light-colored building with the word "raisoni" in blue lowercase letters on its facade.

## VISION

To achieve excellent standards of quality education by keeping pace with rapidly changing technologies and to create technical manpower of global standards with capabilities of accepting new challenges.

## MISSION

Our efforts are dedicated to impart quality and value based education to raise satisfaction level of all stakeholders. Our strength is directed to create competent professionals.

Our endeavour is to provide all possible support to promote research and development activities.

“Come,  
shake hands with  
Kimba”

– Our Mascot,  
Your Companion!





## CHAIRMAN'S MESSAGE

*Empowering lives through education, innovation and values.*

Beginning with the visionary ambition of my late father, Shri Gyanchandji H. Rasoni, the Rasoni Education has flourished under his blessings, expanding from a single engineering college to a conglomerate of several institutes.

Rasoni Education – An organisation of excellence that has established a new paradigm in education, inculcating the perfect blend of academic and co-curricular activities. With the liberalisation of the economy, there has always been a need for world-class universities, with the capacity to pursue their contribution to global competitiveness and economic growth. Holding it to be the primary focus, our educational institutes emphasise more on practical education, industry exposure, and inculcating the latest technological updates in the curriculum.

Universities and institutes under our umbrella are committed to empowering the objectives of the students, enlightening their minds and training them to become industry-ready. I take this opportunity to reaffirm my complete support to students and wish them success in every endeavour. With us, you have miles to go in the direction of success.



**Shri Sunil Rasoni**  
(Chairman, Rasoni Group)

## ADVISOR'S MESSAGE

*Education's purpose is to replace an empty mind with an open one.*

India, an emerging economic global power, requires professionals with strong administrative and technical abilities. Rasoni Education aims to equip students with the latest field trends and techniques. It highlights the importance of strong managerial and technical abilities to meet the needs of the emerging economic global power of India.

Rasoni Education has established top-notch infrastructural facilities to support its mission. It is committed to creating professionals with analytical, creative, and effective team player skills, aligning with the business needs. It inspires innovation and promotes excellence within its training structure, aiming to prepare students to meet industry expectations.

Rasoni Education offers vast opportunities for experiential learning, enabling students to apply theoretical knowledge to real-world scenarios. By offering hands-on experience, students gain a deeper knowledge of industry approaches. Students are well-prepared to tackle the challenges and opportunities presented in the modern workforce by the institute's curriculum, which is structured to cope with industry needs. This industry-relevant approach enhances the job opportunities of the students.



**Mr Shreyas Rasoni**  
(Advisor, Rasoni Group)

## DIRECTOR'S MESSAGE

*“The Best way to predict your future is to create it.”*

Welcome to G H Rasoni College of Engineering & Management, Jalgaon. As an autonomous institution, we are dedicated to academic excellence and innovation, reflected in our 'A' Grade accreditation by NAAC. Our dynamic curriculum aligns with the National Education Policy 2020, emphasizing holistic development and industry relevance, accredited by NBA for our MBA department. With a focus on hands-on learning, entrepreneurship, and strong industry connections, we prepare students for success in a rapidly evolving world. Our vision is to inspire transformation and cultivate global leaders, driven by excellence, lifelong learning, and innovation. Join us at GHRCEM, Jalgaon, and unlock your potential for a bright future.



**Prof. Preeti Agarwal**  
(Director, GHRCEM)

**Welcome**  
to an outstanding  
learning community  
where everyone is  
dedicated to a high  
**Standard of Excellence.**



## ABOUT GHRCEM

G H Raisoni College of Engineering & Management is the flagship institute of Raisoni Group which is one of Central India's largest and premier education groups. GHRCEM is an Autonomous Institution under Section 3 of the UGC Act 1956, affiliated to the Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon and is a NAAC accredited 'A' Grade institute. Our institution offers a variety of UG and PG programs under the faculty of Management, Engineering and Computer Applications. The emphasis is on continuously updating & innovating the teaching pedagogy and contents of the course. The focus of the institute is on creating professionals, who will be able to take up the challenges in fast-changing global settings.

We at GHRCEM Jalgaon ensure continuous improvement in the entire operations of the institution and to assure stakeholders connected with higher education – namely, students, parents, teachers, staff, employers, funding agencies and society in general – of the accountability of the institution for its quality and probity. Internal and external academic audits are a part of the institutional system along with a formal 360 degrees feedback system from all stakeholders for continuous improvement. The result of all quality initiatives is evident through the achievement of autonomous status granted by the UGC & accreditation by the National Assessment & Accreditation Council [NAAC]. Institute has introduced the National Education Policy (NEP) 2020 aligned Curriculum from the AY 2023–24.

A Choice Based Credit System (CBCS) is offered to the students. Electives in the curriculum are practiced at the institution. This system offers a wide range of choices for students to opt for courses based on their aptitude and career goals. The number of credits earned by the student reflects the knowledge and skills learned by him/her. To make the students industry ready, the Institute has included mandatory industry internships in its programs. Students undertake an internship in 100 plus companies located all over the country.

MoUs with industries and Academic institutions of repute helps the institution to adopt various best and latest practices followed by them. The beneficiaries of these MoUs lead towards improvement in teaching-learning practices through training for faculty members as well as students.

The institute provides 100% placement assistance in the Top Notch Companies. The Institute has a strong alumni network that significantly contributes to the development of its current students. The Institute has ISR Cell which conducts a lot of community services for societal development. Students regularly represent the institution at various National & State level Sports events.

We work on a mission to achieve our vision to achieve excellent standards of quality education by keeping pace with rapidly changing technologies and to create technical manpower of global standards with capabilities of accepting new challenges.



## Unique Selling Points (USPs)

**Wide Choice of Electives:** Tailor your education to your interests with our diverse range of elective courses.

**Choice-Based Credit System:** Flexibility in course selection empowers you to design your academic journey according to your aspirations.

**Innovative Teaching Pedagogy:** Experience engaging and effective learning methods that foster critical thinking and creativity.

**Regular Industry Interaction:** Gain valuable insights and networking opportunities through on-going engagement with industry professionals.

**Centres of Excellence:** It serve as a hub for specialized knowledge and resources, fostering innovation and enhancing academic quality through focused research and collaboration.

**Industrial Exposure:** Acquire hands-on practical experience through industry visits and immersive learning opportunities.

**Fully-Fledged Placement Cell:** 100% placement assistance, placements in Top-Notch companies, comprehensive support for employability training, personality development, communication skills and placement opportunities.

**Learn Foreign Languages:** German, French, Japanese and Spanish.

**Ragging Free Campus:** Safe and inclusive environment where every student feels respected and valued.

**Hobby Classes:** Opportunity to explore your interests and develop new skills outside of the classroom environment.

**Psychological Counselling:** We unlock potential through personalised psychological counselling, empowering students to thrive academically and emotionally.

**Job-oriented Certificate Courses :** Help students to enhance their skills and get jobs in their dream companies.

**Best Infrastructure in the region with hostel, canteen, gym and Wi-Fi facilities.**

**State-of-the-art facilities for cultural and sports activities.**

## How do these USPs contribute to the overall student experience and future success?

A wide choice of electives allows students to tailor their education to their interests and career goals, fostering a sense of ownership over their learning journey. The choice-based credit system empowers students to explore diverse subjects, encouraging intellectual curiosity and a well-rounded skill set.

Innovative teaching pedagogy keeps students engaged and promotes critical thinking, preparing them for dynamic challenges in their future careers.

Regular industry interaction provides invaluable insights and networking opportunities, bridging the gap between academia and the professional world.

Career opportunity seminars equip students with the knowledge and skills needed to navigate their career paths effectively, enhancing their employability.

A fully-fledged Placement Cell offers comprehensive support, from personality development training to communication classes, ensuring students are well-prepared for job interviews and beyond.

Student-friendly governance fosters a supportive and inclusive campus environment, where students feel heard and valued, enhancing their overall satisfaction and well-being.

Efficient redressal of students' grievances promotes a sense of trust and accountability within the institution, contributing to a positive learning atmosphere.

A campus free of ragging psychosis ensures a safe and nurturing environment conducive to academic and personal growth.

Industrial exposure through hands-on practical experience, hobby classes, guest lectures, role play, and industry live projects equips students with real-world skills and enhances their readiness for the professional arena, setting them up for future success.

About Cybervidya

Thoughtfully designed Cloud Based ERP Software fulfils the quest to reconsider Campus Management. It promotes active engagement with technology for all the processes, departments and the stakeholders for systematic and error-free management of the Institute. It includes Finance Management, Library Management, Training Placement, Human Resource Management. It provides customised & tailor made solutions for the Institute's unique requirements. It is the fastest and the easiest implementation with Cyber Vidya's module and cloud based architecture.

This aspect of infusing education and technology defines our philosophy of ‘Building a Digital Footprint in the Education System that Goes beyond Knowledge Transfer’.

It is end to end campus management and student life cycle management ERP software. Aimed at encompassing all of the institution’s needs in one platform, the solution is highly customisable and aims to ease the process flow in every aspect of institute administration.



INSTITUTE’S ACTIVITIES

Publications, Conferences, Seminars and Workshops in the Last Three Years

Sr. No.	Particulars	Numbers
1	Publications (Journals- SCI / SCOPUS / UGC CARE )	88
2	Conferences Papers	147
3	Books / Book Chapters	29
4	Copyright Filled / Published	100
5	Patents Published / Granted	52
6	STTP / Workshops / FDP / Seminars	716
7	FDP, STTP, Workshops, Guest Lectures, Alumni Talk & Other Activities	195
8	Awards / Recognitions / Achievements	62
9	Proposals /Funding Scheme Applied / Grants	58
10	Membership of Professional Bodies/Societies	10

Industry Collaborations and Memorandum of Understanding (MoUs)

At GHRCEM Jalgaon, we are committed to enhancing the educational experience of our students by connecting them with leading industry players, universities, colleges etc. These partnerships foster practical exposure, entrepreneurship, innovation, and real-world application of classroom theory. Our collaborations with prestigious organisations are tailored to prepare our students to meet the challenges of the global marketplace. Here are some of our key partnerships:

Sr. No.	Name of the Institution / Industry / Corporate House	Year of Signing MoUs	Activities
1	Gandhi Research Foundation, Jalgaon	2023-24	<ul style="list-style-type: none"><li>• Enrich academic offerings</li><li>• New research avenues that reflect Gandhian philosophy and practices</li><li>• Joint projects aimed at spreading Gandhian principles</li><li>• Collaborative educational initiatives</li></ul>
2	JITO Incubation & Innovation Foundation	2023-24	<ul style="list-style-type: none"><li>• Access to Incubation Facilities</li><li>• Expert Mentorship</li><li>• Extensive networking opportunities</li><li>• Workshops &amp; Seminars</li><li>• Other Entrepreneurial Events</li></ul>
3	Eagle Byte Solution Pvt. Ltd., Nashik	2023-24	<ul style="list-style-type: none"><li>• Campus/off campus Placements</li><li>• Internships</li><li>• Training</li><li>• Guest lectures</li></ul>
4	Dhister Pvt. Ltd., Pune	2023-24	<ul style="list-style-type: none"><li>• Student Training Programme</li><li>• Faculty Development Programme</li></ul>



Sr. No.	Name of the Institution / Industry / Corporate House	Year of Signing MoUs	Activities
5	ExcelR Edtech Pvt. Ltd., Bangalore	2023-24	<ul style="list-style-type: none"> <li>• Student Training Programme</li> <li>• Faculty Development Programme</li> </ul>
6	Swami Sahajanand College of Commerce and Management, Bhavnagar	2023-24	<ul style="list-style-type: none"> <li>• Student Exchange Program</li> </ul>
7	Sardar Patel College of Engineering, Mumbai	2023-24	<ul style="list-style-type: none"> <li>• Student exchange program</li> </ul>
8	Cyber Sanskar, Nashik	2023-24	<ul style="list-style-type: none"> <li>• Campus/Off Campus Placements</li> <li>• Internships</li> <li>• Training</li> <li>• Guest Lectures</li> </ul>
9	AppDroid Tech Solution, Jalgaon	2023-24	<ul style="list-style-type: none"> <li>• Campus/Off Campus Placements</li> <li>• Internships</li> <li>• Training</li> <li>• Expert Lectures</li> </ul>

## Major MoUs Signed

**JITO Innovation, Incubation Foundation (JIIF) and GHRCEM, Jalgaon signing MoU on 24<sup>th</sup> Aug. 2023**



Prof. Preeti Agarwal (Director, GHRCEM, Jalgaon), Dr Sanjay Shekhawat (Dean, GHRCEM, Jalgaon), Dr Jyoti Jakhete (Dean III), Prof Bharat Oswal (National Partnership and Membership Conveyer at JIIF), Mr Harak Soni (Secretary, JITO, Jalgaon Chapter) signing the MoU.

### Overview of MoU and its Benefits to Students

This partnership with JIIF aims to nurture entrepreneurship among our students and faculty by providing access to incubation facilities, expert mentorship, and extensive networking opportunities. The MoU will see both institutions collaborating to organise workshops, seminars, and other entrepreneurial events, fostering a thriving startup ecosystem right here on campus.

**Maharashtra Chamber of Commerce, Industry & Agriculture (MACCIA), Jalgaon signing MoU on 16<sup>th</sup> Feb. 2023**



Dr Preeti Agarwal (Director, GHRCEM, Jalgaon) as a speaker: Emphasizing the Need of Incubation Centre during Conference on 16<sup>th</sup> Feb 2023 hosted by MACCIA

### Overview of MoU and its Benefits to Students

This collaboration involves expert lectures, workshops, student projects, internships, representation on statutory bodies, and project evaluations. This partnership enriches our students' knowledge and skills in commerce, industry, and agriculture sectors.

## MoUs Aligning with Academic Programs

**Gandhi Research Foundation (GRF) and GHRIEBM Jalgaon on 2<sup>nd</sup> March 2024**

Summary: Marking a significant collaboration, this MoU was inaugurated with a ceremony that highlighted the shared values between GHRIEBM and the Gandhi Research Foundation. This partnership is centred on enhancing academic programs and research with a strong focus on Gandhian values and social outreach.

### Objectives

**Enhancing Academic Programs and Research:** Interaction between GHRIEBM and GRF faculty will enrich our academic offerings and open new research avenues, particularly in areas that reflect Gandhian philosophy and practices.

**Promoting Gandhian Values and Social Outreach:** This collaboration will facilitate joint projects aimed at spreading Gandhian principles and addressing pressing socio-economic challenges through educational initiatives.

### Key Ceremony Highlights

The MoU signing was preceded by gestures of goodwill, including the exchange of symbolic gifts that emphasize cultural heritage and shared values, such as the book 'KHOJ Gandhijee Ki' and a Cotton Mala, underscoring purity, unity, and collaboration.



Prof Preeti Agarwal (Director, GHRCEM, Jalgaon), Prof Geeta Dharampal (Head, Gandhi Research Founadtion), Dr Sanjay Shekhawat (Dean Academics, GHRCEM, Jalgaon), Mr Girish Kulkarni (Coordinator, GRF), Dr Jyoti Jakhete (Dean III, GHRCEM) at the MoU signing ceremony promoting the Indian Knowledge System.



## Accreditations

### National Accreditation

The institute is accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade.

### Program Accreditation

The MBA program is accredited by National Board of Accreditation (NBA) in 2023.



### How Accreditations ensure the quality of education and benefit the students

#### Quality Assurance

Accreditation by NAAC and NBA indicates that an institution or program meets certain predefined standards of quality in terms of infrastructure, faculty, curriculum, and learning outcomes. This assurance gives students' confidence in the quality of education they receive.

#### Recognition and Credibility

Accreditation enhances the reputation and credibility of an institution or program, both nationally & internationally. This recognition can be crucial for students seeking admission to higher education institutions or applying for jobs, as accredited institutions are often preferred by employers and other educational institutions.

#### Continuous Improvement

Institutions and programs must demonstrate a commitment to continuous improvement and adhere to established benchmarks. This ensures that students receive education that is up-to-date, relevant, and of high quality.

#### Employability

Employers are more likely to hire graduates from accredited programs, knowing that they have received a quality education and possess the necessary skills and competencies.

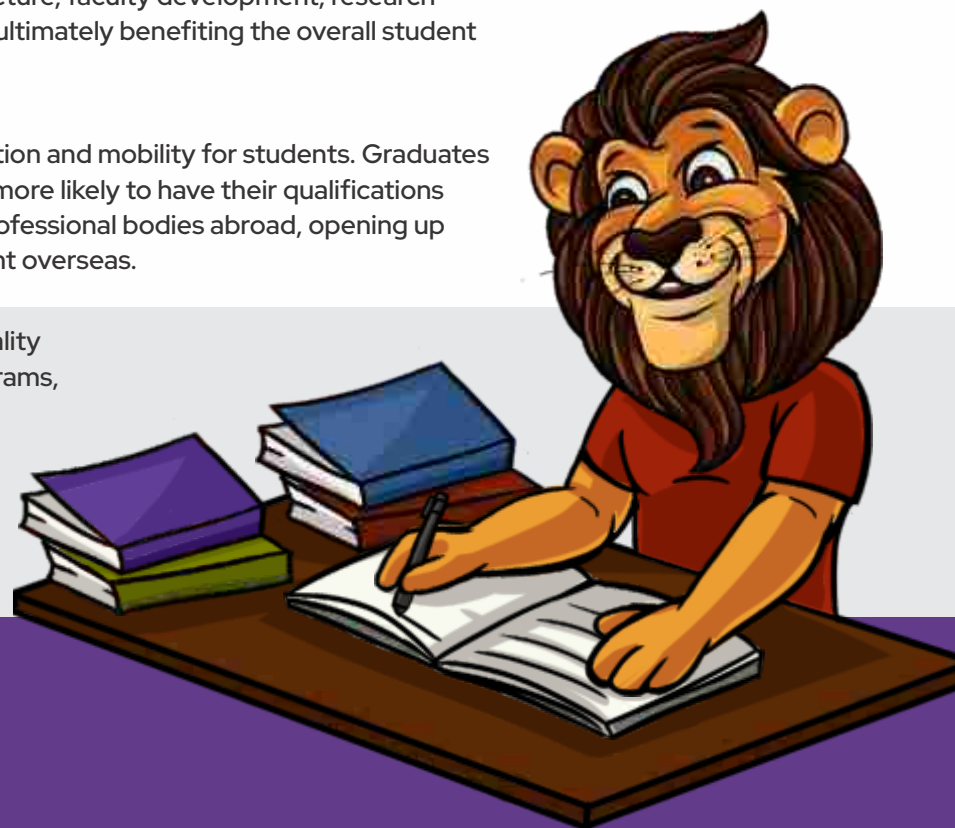
#### Access to Funding and Resources

This enables institutions to enhance infrastructure, faculty development, research opportunities, and student support services, ultimately benefiting the overall student experience.

#### Global Mobility

Accreditation facilitates international recognition and mobility for students. Graduates from accredited institutions or programs are more likely to have their qualifications recognized by universities, employers, and professional bodies abroad, opening up opportunities for further study or employment overseas.

NAAC and NBA accreditation ensures the quality of education offered by institutions and programs, enhances student confidence and employability, fosters continuous improvement, and facilitates global recognition and mobility, ultimately benefiting students in their academic and professional pursuits.



## Patents

The faculty members of the college hold patents for innovative inventions or technologies.

Sr. No.	Department	Details of the Patent
1	Management	Digital Transformation Device for Education Enhancement.
2	Civil Engineering	Republic of South Africa / Grant Patent / Method to determine effect of soil and structure parameters on interface thickness for soil-structure interaction analysis.
3	Mechanical Engg.	Design Patent/Granted/Solar Powered Mobile and Laptop Charging Station.
4	Electrical Engg.	IoT Based Smart Waste Management using Smart Dustbin.
5	First Year Engg.	Home Power Generation using Combination of Solar Panel and Wind Mill.
6	Electronics Engg.	Patent on Automation in Health Care Systems.

### The institution encourages and support faculty research in following ways that leads to patent able inventions

- Providing dedicated research grants and funding opportunities specifically aimed at supporting faculty members' pursuit of innovative projects with patent potential.
- Offering access to state-of-the-art research facilities, equipment, and technical support to facilitate faculty members' exploration of novel ideas and concepts.
- Facilitating interdisciplinary collaboration and networking opportunities to encourage the exchange of ideas and expertise, fostering a fertile environment for innovation.
- Partnering with industry leaders and technology transfer offices to provide guidance on patenting processes, intellectual property protection, and commercialisation strategies.
- Recognising and rewarding faculty members' contributions to patentable inventions through incentives such as royalties, awards, and academic promotions.

## Incubation Centre & Entrepreneurship

### Research and Development

R&D activities are encouraged at both departmental as well as institutional level. Research centres equipped with required infrastructure and other facilities have been established in all departments for achieving the goals. These R&D centres with inputs from industry and funding agencies would develop the vision of research. The performance of these R&D centres is measured in terms of funding received, industrial consultancy, publications, patents and conferences/seminars organised. The institute provides travel grant to the faculty and the students to attend International/National conferences and training courses. Cash rewards are given to the faculty and the students for research publications and for Patent filling & award. The faculty members are sponsored to pursue their doctoral programmes from IITs and other institutes of repute. With continual and visionary support from the college management and efforts of the faculty and the students, the R&D culture is really picking up day by day in the institute.

### Programs and resources offered by the college to support student entrepreneurship

At GHRCEM we foster a culture of entrepreneurial spirit and provide numerous opportunities for our students to engage in entrepreneurial activities and enhance their skills.

### Entrepreneurship Competitions

We organise pitching competitions where students can showcase their innovative ideas and receive valuable feedback from industry experts.



### Hackathons

Students are encouraged to participate in Hackathons, where they can collaborate with peers to develop creative solutions to real-world problems.

### Maharashtra Student Innovation Challenge

Our college actively participates in the Maharashtra Student Innovation Challenge, providing students with a platform to showcase their innovative projects and ideas.

### Entrepreneurship Awareness Camps

We organise entrepreneurship awareness camps in association with Maharashtra Centre for Entrepreneurship Development (MCED), District Industries Centre (DIC) and other agencies to educate students about the government schemes, fundamentals of entrepreneurship and inspire them to pursue their entrepreneurial dreams.

### Mentorship Program

Experienced mentors are invited from industry to assist students in designing their business plans and providing guidance throughout their entrepreneurial journey.

### Experiential Learning Sessions

We believe in hands-on learning experiences and our entrepreneurship activities include experiential learning sessions where students can apply theoretical knowledge to practical situations.

### AICTE Institution Innovation Council

Our college is a proud member of the AICTE Institution Innovation Council, demonstrating our commitment to fostering innovation and entrepreneurship among our students.

### Faculty Innovation Ambassador Program

Several faculty members have completed the Institute Innovation Ambassador Program conducted by AICTE's Ministry of Education's Innovation Council, enhancing our capacity to support and mentor students in their entrepreneurial endeavours.

### Institute Recognition

Our institute has been awarded a 3.5 star rating for conducting activities related to promoting innovation, business plan competitions, and aligned activities, further highlighting our dedication to nurturing entrepreneurial talent.

## Competitions & Events

### Business Summit 2024 - Applying Technology in Family Managed Business.



Dr Bharat Amalkar, Social Entrepreneur, addressing the August Gathering at the Business Summit



Prof Preeti Agarwal (Director, GHRCEM)  
Setting the tone of the Business Summit



Prof Samish Dalal talking on Technology in FMB

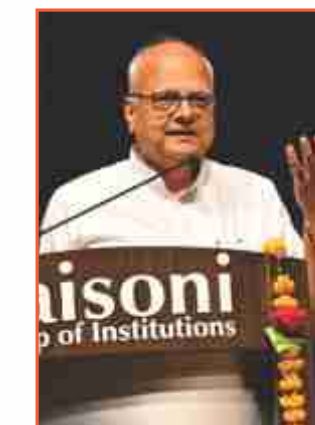
### Talking on Opportunities and Challenges in Family Managed Business



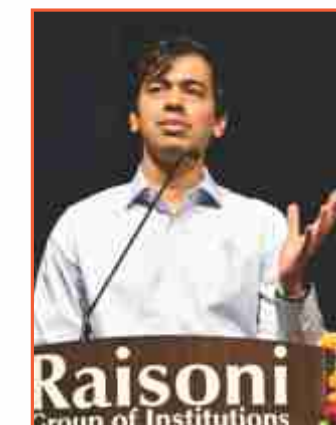
Mr Mahendra Raisonni  
CMD, Shradha Mats



Mr Pramod Sancheti  
CMD, Winley Polymers



Mr Anil Kankariya  
MD, Progressive Grocers



Mr Athang Jain  
Director, Jain Irrigation  
Systems Ltd.

### VIRANGAANA 2024: Empowering Entrepreneurship

### GHRCEM Honours 36 Female Student Entrepreneurs



Prof Preeti Agarwal (Director, GHRCEM, Jalgaon), Ms Ity Pandey (Divisional Railway Manager Bhusawal),  
Dr Gita Dharampal (Dean, Gandhi Research Foundation), Ms Ramya Kannan (Life Skills Trainer) and  
Dr Sanjay Shekhawat (Dean, Academics) Felicitating the Female Student Entrepreneurs





Virangaana 2024 : "A Symphony of Hearts : 700+ Strong, United in Oath to Inspire Inclusion, Creating a Harmonious Future Together."



Students presenting Innovative Business Idea at the Raisoni Shark Tank Competition



Students presenting Innovative Business Idea at the Raisoni Shark Tank Competition

## B-plan Competition

### Celebrating Innovation at Jallos Management Fest



Students presenting Innovative Business Ideas at the B-plan Competition



Students presenting Innovative Business Ideas at the B-plan Competition

## Faculty Achievement



**Prof Rafik Shaikh**  
Computer Application

- Conferred upon Honorary Doctorate by Gandhi Peace Foundation at Pune.
- Recognised with "National Excellence Award" by Darpankar Balshastri Jambhekar Journalist Association for his outstanding achievements in educational and social fields.



**Prof Tanmay Bhale**  
Management

- Secured Gold Medal & Topper position in India in the NPTEL Examination: Course- Organisational Behaviour



**Dr Mukund Patil**  
Mechanical Engineering

- Excellence in Research activities and Reviewer of many International Journals.



**Dr Sonal Patil**  
Computer Science & Engg.

- Recognised with the Nation Building Award by Rotary India Literacy Mission



**Dr Jyoti Jakhete**  
Management

- Selected as the translator for NPTEL courses (Hindi)



**Prof Kalyani Neve**  
Computer Application

- Awarded as the Best Faculty by SIPH: Registered under the Ministry of SME, GoI



**Dr Shantanu Pawar**  
Civil Engineering

- Accredited faculty of Indian Green Building Council (IGBC)



**Dr Saurabh Naik**  
Civil Engineering

- Accredited faculty of Indian Green Building Council (IGBC)



**Dr Yogita Patil**  
Management

- NPTEL Discipline Star and NPTEL Motivated Learner



**Dr Tushar Patil**  
E & TC, Electrical Engg.

- Recognised as researcher under VCRMS



# INSTITUTE'S MILESTONES

## Journey of the Institution since its Inception

Since its inception in 2007, the institution has charted a remarkable path of growth and excellence. Starting as a self-financed minority institution with a modest enrolment of 200 students, we have evolved as a synonym to quality education, continually adapting to the dynamic demands of the educational landscape and the industry.

## Key Milestones in our Growth

### 2007

Founded as a self-financed minority institution opened its doors to a pioneer batch, setting the foundation for a culture of excellence and inclusivity.

### 2018

Recognition of our commitment to quality education came with the prestigious 'A' Grade accreditation from NAAC, affirming our standards in teaching, research and outreach.

### 2020

A landmark year as the institute was granted Autonomous Status by the UGC, empowering us to design our own curricula and conduct our own assessments, tailored to the evolving needs of the industry. This year also marked the commencement of our cutting-edge programs in Artificial Intelligence and Data Science (AI DS), positioning our students at the forefront of technological advancements.

### 2023

The Department of MBA achieved NBA accreditation, underscoring our dedication to provide education that meets the highest national standards in management studies.

Throughout these years, the institute has not only expanded in terms of physical and academic infrastructure but also in the breadth and depth of courses offered. Our curricula are continuously updated to reflect the latest industry trends and job market demands. Programs like AI DS and our accredited MBA are designed to equip students with critical, in-demand skills in both technology and management.

### 2024

Awarded as "Best College" in Professional College Category by KBCNMU, Jalgaon

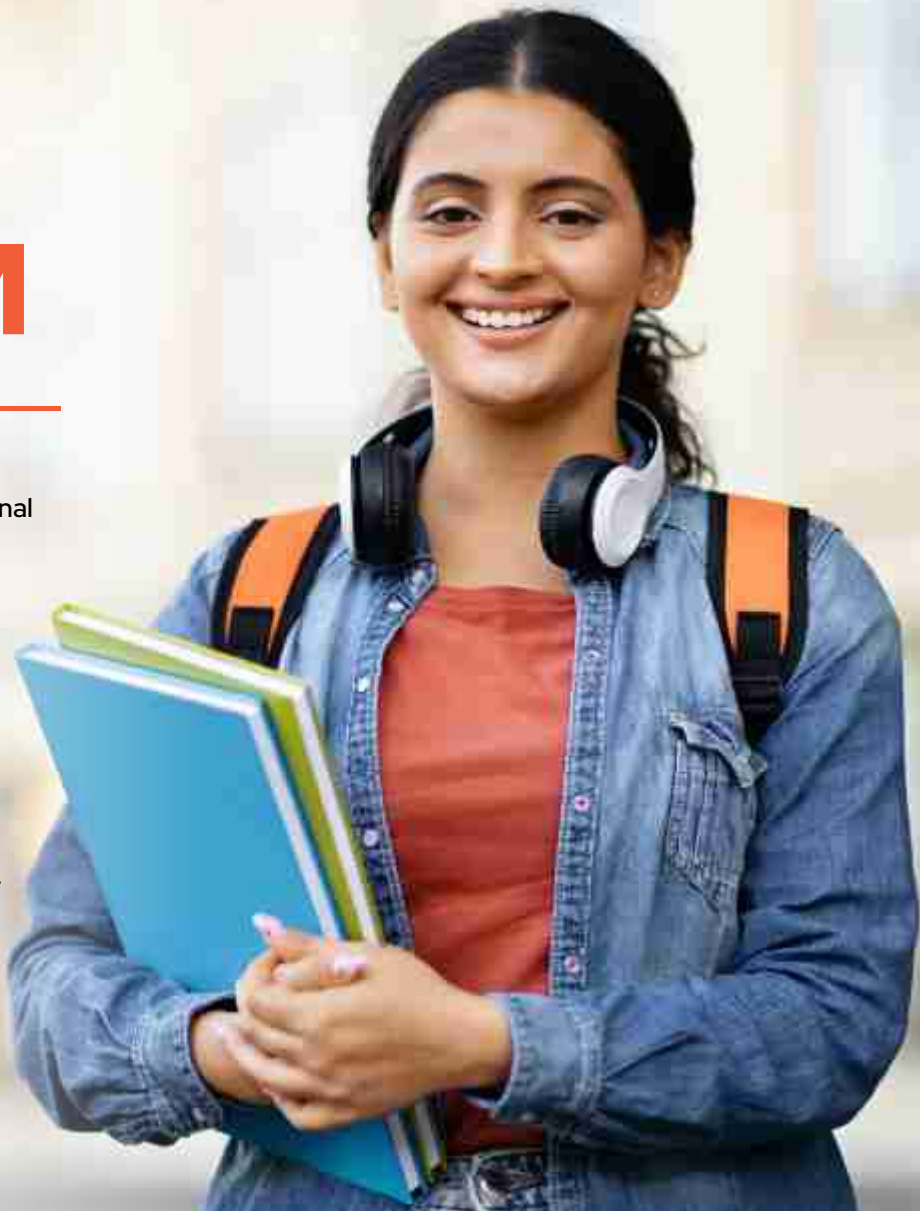
## Looking Ahead

As we move forward, the institute remains dedicated to innovation and excellence in all aspects of our educational delivery. We are committed to enhancing our academic programs and fostering an environment where students can thrive in their pursuit of knowledge and professional success. Join us on this journey of learning and transformation, where your potential is limitless and every step you take is a leap towards a brighter future.



# Why Choose GHRCEM

- Choice-based Credit System.
- Industry-Aligned Curriculum with the National Education Policy 2020.
- Innovative Teaching Methods.
- Startup Support through Incubation Cell.
- Partnerships with Prestigious National & International Organisations.
- Virtual Business Lab for Practical Learning.
- Student Counseling & Mentoring.
- Industry Professional-Led Expert Lectures.
- Live Industry Projects.
- 100% Placement Assistance.
- Full Semester of Industrial Training.
- Language Classes in German, Japanese, & French.



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EMPOWERING  
PEOPLE to build  
POWERFUL  
SOCIETIES.



## ACADEMIC PROGRAMS

### Master of Business Administration (MBA)

Our MBA program provides comprehensive education in business administration, equipping students with essential skills for leadership and strategic management. Specialisations include Marketing, Finance, Human Resources, and Operations Management. Graduates emerge with the ability to analyse complex business challenges and implement effective solutions, positioning them for success in diverse industries.

#### Program Description

Our MBA program is designed to cultivate strong leadership and strategic management skills essential for success in today's dynamic business landscape. Through a rigorous curriculum, students develop proficiency in analysing complex business challenges, decision-making, and implementing effective solutions. With specialised concentrations in Marketing, Finance, Human Resources, and Operations Management, graduates are prepared for diverse career paths in Corporate Leadership, Consulting, Entrepreneurship, and beyond.

Course Name	Intake
Master of Business Administration (MBA)	180
Master of Business Administration (MBA-Digital Marketing)	30

#### MBA with Dual Specialisation (Major/Minor)

Major Specialisations	Minor Specialisations
MBA in Marketing Management	MBA in International Business Management (IBM)
MBA in Financial Management	MBA in Health Care Management
MBA in Human Resources Management (HRM)	MBA in Tourism and Hospitality Management
MBA in Business Analytics (BA)	MBA in Micro & Small Business Management
	MBA in Operations & Logistics Management

#### Eligibility

- Any graduate with 50% marks (Reserved Category 45%) & valid CET score conducted by the competent authority.

#### Accreditations

- MBA program is accredited by NBA (National Board of Accreditation)

#### Course Offerings

##### Core Courses

###### Marketing for Managers

Provides an overview of marketing principles and strategies relevant to managerial decision-making, covering topics such as market analysis, consumer behavior, branding, product development, pricing strategies, promotional tactics, and marketing metrics to support effective marketing management.

###### Organisational Behavior

Focuses on understanding individual and group behaviour within organisations, covering topics such as motivation, leadership, communication, teamwork, organizational culture, diversity management, conflict resolution, and organisational change to enhance managerial effectiveness and employee performance.

###### Financial Accounting

Introduces the principles and techniques of financial accounting for business organisations, covering topics such as recording financial transactions, preparing financial statements (income statement, balance sheet, cash flow statement), analyzing financial performance, and interpreting financial data for decision-making purposes.

###### Production Management

Explores the principles and practices of managing production and operations within organisations, covering topics such as production planning, process design, inventory management, quality control, supply chain management, lean manufacturing, and technology integration to optimize operational efficiency and meet customer demands.

#### Electives Offered

##### Elective Courses

###### Strategic Financial Management

Focuses on the strategic planning and management of financial resources within organisations, covering topics such as capital budgeting, financial analysis, risk management, working capital management, capital structure decisions, and mergers and acquisitions to optimise financial performance and shareholder value.

###### International Marketing Management

Explores the principles and practices of marketing in the global marketplace, covering topics such as international market analysis, market entry strategies, product adaptation, pricing strategies, distribution channels, promotional tactics, and cross-cultural considerations to effectively compete in international markets.

###### Cases in Family Business Management

Examines real-world case studies and challenges faced by family-owned businesses, covering topics such as succession planning, governance structures, conflict resolution, innovation strategies, strategic decision-making, and managing growth and sustainability in family enterprises.



## Elective Courses

### Tourism Marketing

Focuses on marketing strategies and practices specific to the tourism industry, covering topics such as destination marketing, tourism product development, consumer behavior in travel and tourism, tourism distribution channels, promotional techniques, sustainable tourism practices, and destination branding to attract and retain tourists and enhance destination competitiveness.

### Course Unique Selling Points (USPs)

- Ample opportunities to pursue Interdisciplinary Courses
- Student-centric assessment & examination schemes
- Job oriented Certificate Courses
- Business Simulation lab to promote Entrepreneurship
- Centre of Excellence in Case Development
- Centre of Excellence in Business Analytics
- Students exchange program with institutes of National / International repute
- Smart Classrooms

### Further Studies Options

- Students can be opted for PHD after MBA in the respective specialisation.

### Certifications

- Project Management Professional (PMP) Certification
- Certified Management Accountant (CMA)
- Swayam and NPTEL Certification Course
- Digital Marketing Certifications
- Society for Human Resource Management Certified Professional (SHRM-CP)

### Additional Offerings

#### Guest Lectures by Industry Experts

Engage with leading professionals through guest lectures, gaining insights into current industry trends, best practices, and real-world challenges.

#### International Exchange Opportunities

Broaden your horizons through international exchange programs, immersing yourself in diverse cultures and business environments to enhance your global perspective and network.

#### Entrepreneurship Development Programs

The department regularly organises Entrepreneurship Development Programs to develop entrepreneurial mindset, business acumen, and skills necessary to launch and grow successful ventures.

#### Management Fest - Kashti

Immerse yourself in our annual management fest, Kashti, where students showcase their talents, creativity, and business acumen through various competitions, workshops, and networking events.

#### Raisoni Mandi (*Behtar Padhai Ke Liye Kamai*)

Experience hands-on learning through Mandi, where students are provided with products to sell in the market, fostering entrepreneurship skills, salesmanship, and teamwork.

#### Ad Mad Show

Showcase your creativity and marketing prowess in the Ad Mad Show, where teams compete to create the most innovative and compelling advertisements for products or services.

### Business Plan Competition

Put your entrepreneurial ideas to the test in our Business Plan Competition, where you pitch your business concepts to industry experts and investors for valuable feedback and potential funding.

### Network Lunch

Build valuable connections and expand your professional network during Network Lunches, where students gather for casual business interactions and networking opportunities over lunch.

### Ongoing Management Activities

Engage in a variety of management activities and initiatives initiated throughout the year, providing continuous opportunities for skill development, leadership growth, and community engagement within the program.

### Career Pathways

- |                              |                              |
|------------------------------|------------------------------|
| Marketing Manager            | Risk Manager                 |
| Financial Analyst            | Corporate Treasurer          |
| Human Resources Manager      | Business Development Manager |
| Operations Manager           | Project Manager              |
| Management Consultant        | Supply Chain Manager         |
| Strategic Planning Manager   | Investment Banker            |
| Entrepreneur/Startup Founder | Product Manager              |
| Brand Manager                |                              |

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## MBA in Family Managed Business (Lateral Entry)

Our MBA in Family Managed Business program is designed to provide a comprehensive understanding of the unique dynamics, challenges, and opportunities inherent in family-owned enterprises. Through a blend of theoretical knowledge, case studies, and practical applications, students develop essential skills to effectively manage and sustain family businesses across generations. The program offers specialised courses focusing on family business governance, succession planning, innovation strategies, and sustainability, equipping graduates with the expertise needed to lead and grow their family enterprises successfully.

### Program Description

The MBA in Family Managed Business program offers a specialised curriculum tailored to address the specific needs and complexities of family-owned enterprises. Students gain insights into family business dynamics, governance structures, succession planning, and strategic management, preparing them to navigate the intricacies of managing and growing a family business. Through experiential learning opportunities, including internships and industry projects, students acquire hands-on experience and develop practical skills essential for success in the dynamic landscape of family businesses.

Course Name	Intake
MBA in Family Managed Business	30

### Eligibility

- Any graduate with 50% marks (Reserved Category 45%) & valid CET score conducted by the competent authority.

### MBA in FMB with Dual Specialisation (Major/Minor)

#### Major Specialisations

- MBA in Family Managed Business (Code-A)

#### Minor Specialisations

- MBA in Health Care Management (Code-J)
- MBA in Tourism and Hospitality Management (Code-K)
- MBA in Micro & Small Business Management (Code-L)
- MBA in International Business Management (Code-M)
- MBA in Production and Operations Management (Code-N)

### For Major Specialisation

Courses: Total 10 (4 Subject Core courses and 6 Subject Elective courses).

### For Minor Specialisation

Courses: Total 4 (2 Subject Core courses of 6 Credits and 2 Subjects courses of 4 Credits).

### Course Offerings

#### Core Courses

##### Family Business Dynamics and Governance

Explores the unique characteristics and challenges of family businesses, including family dynamics, governance mechanisms, and conflict resolution strategies, to foster effective leadership and decision-making in family-owned enterprises.

##### Succession Planning and Management

Provides insights into succession planning processes, leadership transitions, and continuity strategies tailored to family businesses, enabling students to develop succession plans and manage leadership transitions effectively.

##### Financial Management in Family Businesses

Covers financial management principles and practices tailored to the needs of family businesses, including capital structure, financial planning, and risk management strategies, to ensure financial sustainability and growth.

##### Legal and Ethical Aspects of Family Business

Examines legal frameworks, governance regulations, and ethical considerations relevant to family businesses, providing students with a comprehensive understanding of legal compliance and ethical responsibilities in family-owned enterprises.

### Electives Offered

#### Elective Courses

##### Family Business Success Stories

Analyses case studies of successful family businesses, highlighting best practices, strategies, and lessons learned, to inspire and inform students about effective management and growth strategies in family-owned enterprises.

##### Family Business Consulting

Provides hands-on experience in advising and consulting for family businesses, allowing students to apply theoretical knowledge to real-world scenarios and develop practical solutions to common challenges faced by family-owned enterprises.

##### Wealth Management and Estate Planning

Covers wealth management strategies, estate planning techniques, and wealth preservation strategies tailored to the needs of family businesses, enabling students to optimise financial resources and ensure long-term sustainability.

##### Internationalisation of Family Businesses

Explores strategies and challenges associated with international expansion and globalisation for family-owned enterprises, equipping students with the skills and insights needed to navigate global markets and expand their family businesses internationally.

Course Unique Selling Points (USPs)

- Industry-driven curriculum co-developed with top family businesses for real-world relevance.
- Immersive hands-on learning via practical projects and internships, fostering practical skill development in the context of family businesses.
- Dynamic learning environments with live case studies and simulations stimulating critical thinking and problem-solving specific to family business challenges.
- Dedicated faculty with industry experience in family business management offering invaluable insights and mentorship tailored to the needs of family-owned enterprises.
- Extensive networking opportunities with alumni and industry professionals in the family business sector for career advancement and industry connections.

Further Studies Options

- PhD in Family Business or Executive Education Programs.
- Professional Certifications such as Certified Family Business Advisor (CFBA) or Certified Family Business Specialist (CFBS).
- Research Opportunities within Academic Institutions or collaborate with industry Associations.

Special Programs/USPs of the Course

**Studio Activities :** Engage in hands-on studio activities tailored to the context of family businesses, fostering creativity, innovation, and practical application of management concepts in the family business context.

**Regular Sessions with Family Business Experts :** Benefit from direct interaction with seasoned family business professionals, gaining valuable insights, industry trends, and practical knowledge to enhance career readiness and success in managing family-owned enterprises.

**Entrepreneurship Development Program for Family Businesses :** Equip yourself with the skills and mindset needed to drive innovation and growth in family-owned enterprises through specialised training, mentorship, and support tailored to the needs of family businesses.

**Internship Opportunities with Leading Family Businesses :** Gain invaluable real-world experience through internships with prominent family-owned enterprises, applying classroom learning to actual family business scenarios and building a strong professional network within the family business community.

Tie-Ups / MoUs

- Prof. Samish Dalal from S.P Jain Institute of Business Management, renowned for his expertise in family business management, acts as a mentor for the course.
- Local family business leaders and entrepreneurs serve as mentors, providing students with practical insights and guidance rooted in the local business context.

Career Pathways

- | Family Office Manager
- | Family Business Analyst
- | Family Business Consultant
- | Succession Planning Specialist
- | Family Business Innovation Strategist
- | Strategic Advisor for Family Enterprises
- | Director of Family Business Development
- | Wealth Management Consultant for Family Businesses
- | Governance & Compliance Manager for Family Businesses
- | International Business Development Manager for Family Enterprises



Master of Computer Application

Program Description

MCA stands for Master of Computer Applications. It is typically a 2-year full-time course approved by the All-India Council for Technical Education (AICTE). The course curriculum of MCA provides a solid understanding of computer fundamentals, programming concepts, and their practical applications. This ensures that students acquire a strong foundation in key areas of computer science.

- After completing the first year of MCA, students may have the option to exit with a certification.
- Eligible candidates, such as those who have completed a BCA Honours program, may have the opportunity to directly enter the second year of the MCA course.
- The MCA course curriculum is aligned with the National Education Policy (NEP).

Course Name	Intake
Master of Computer Application	180

Eligibility

Any graduate with 50% Marks (Reserved Category 45%) and valid CET Score conducted by the competent authority with Mathematics as one of the subjects at 10+2 level or at graduation.

Course Offerings

Core Courses		
CPP Programming	Web Programming	Operating System
Database Management System	Java Programming	Automata Theory & Computability
Machine Learning	Data Structure	Cyber Security
Design Analysis and algorithm	Optimization Techniques	.NET Technologies

Electives Offered

Elective Courses		
Digital Image Processing	Software Architecture	Software Project Management
Big Data Analytics	Python for Data Analytics	Introduction to AI & Expert System
Neural Network		



### Course Unique Selling Points (USPs)

#### Advanced Specialisation

MCA programs offer advanced coursework and specialisation in various areas of computer science such as software development, database management, network administration, cybersecurity, artificial intelligence, machine learning, and more. This specialisation equips graduates with in-depth knowledge and expertise in their chosen field.

#### Industry - Relevant Curriculum

MCA courses are designed in collaboration with industry experts to ensure relevance to current technological trends and demands. The curriculum often includes practical projects, case studies, and industry internships to provide students with hands-on experience and prepare them for real-world challenges.

#### Focus on Leadership and Management Skills

In addition to technical skills, MCA programs also emphasise the development of leadership, communication, and management abilities. Students learn how to lead teams, manage projects, and make strategic decisions, preparing them for roles in management and leadership positions within the IT industry.

#### Research Opportunities

Many MCA programs offer opportunities for research and innovation, allowing students to work on cutting-edge projects and contribute to the advancement of computer science. Research-oriented coursework and thesis projects enable students to delve deeper into specific areas of interest and make meaningful contributions to the field.

#### Global Recognition and Career Opportunities

MCA degrees are widely recognised and respected globally, opening doors to a wide range of career opportunities both domestically and internationally. Graduates can pursue careers in various sectors such as IT companies, software development firms, research institutions, government agencies, consulting firms, and more.

#### Networking Opportunities

MCA programs often provide networking opportunities with industry professionals, alumni, and experts through seminars, workshops, conferences, and industry partnerships. These networking opportunities can help students build valuable connections, gain insights into industry trends, and explore career opportunities.

#### Continued Professional Development

MCA programs focus on fostering a culture of lifelong learning and professional development. Graduates are encouraged to stay updated with the latest technologies and industry trends through continuing education programs, certifications, and professional networking platforms.

### Memorandum of Understanding (MoUs)

- MoU with Dhister Pvt. Ltd. Pune to provide the Expert Lectures for the students in cutting edge technology domain.
- MoU with Passenger Drone Research Pvt. Ltd. to help in identifying opportunities in Drone.
- MoU with Mohipuri Technologies Pvt. Ltd. (MakeIntern) in collaboration with IIT Bombay provides the resource for learning various software and programming languages.
- MoU with Ex-ExcelR to provide Internship opportunities for the students in cutting edge technology domain.
- MoU EagleByte Solution Pvt. Ltd. to provide students in cutting edge technology domain.

### Value Added Course (Certification)

- G-suite
- Techconnect : Hardware and Networking
- A Project : From Scratch to Coda
- System Internals

## Additional Offerings

### International Certificate Courses @ GHRCEM Jalgaon

The Department of Management, GHRCEM Jalgaon, in collaboration with State University of New York, Morrisville (USA), proudly hosted U.S. Fulbright Specialist Dr. Christopher Scalzo in January 2025

#### More than 300 students benefited from two exclusive international certificate courses:

##### Entrepreneurship, Innovation & Creativity

##### Business Plan Preparation with an International Expert

The courses equipped students with global insights in business planning, innovation, and startup management through case-based learning and simulations. Dr. Scalzo also engaged in industry visits (Amar Dairy, Jain Irrigation, Winley Polymers), bridging academia and industry for real-world learning.

This collaboration marks a historic step toward global academic exposure, entrepreneurial thinking, and internationalization at GHRCEM.



Students learning certificate courses on 1) Entrepreneurship, Innovation and Creativity & 2) Business Plan Preparation with an International Expert :US Ful Bright Specialist Dr Scalzo Christopher





## Bachelor of Computer Application (BCA)

### Program Description

It is a 3-year full-time course approved by the All-India Council for Technical Education (AICTE). However, there are variants like the BCA Honours program which may extend to 4 years. Completion of BCA Honours may allow direct admission to the second year of MCA for eligible students.

- The BCA course curriculum is aligned with the National Education Policy (NEP), which emphasises flexibility & provides multiple exit options for students.
- Some BCA programs offer a minor in FinTech, allowing students to gain specialised knowledge and skills in the field of financial technology.
- The course curriculum of BCA provides a solid understanding of computer fundamentals, programming concepts, and their practical applications. This ensures that students acquire a strong foundation in key areas of computer science.

Course Name	Intake
Bachelor of Computer Application	360

### Eligibility

HSC or equivalent or Diploma recognized by Board of Technical Education of minimum duration of 3 years.

### Course Offerings

Core Courses		
CPP Programming	Web Programming	Operating System
Modern Operating System	Database Management System	Java Programming
Programming with ASP.net	Python Programming	Software Engineering
PHP	Software Testing	C.NET
Automata Theory & Commutability	Android Programming	Machine Learning
RDBMS	Artificial Intelligence	ASP.NET
Data Structure	ED	

### Electives Offered

Elective Courses		
Basics of Accounting	Mathematics for Computer Science	Basics of Economics
Netiquettes	Banking and Insurance	E-commerce
Cloud Computing	Blockchain Technology	Soft skill for IT Professionals

### Vocational Courses

Core Courses		
Lab on Linux	Lab on Digital Marketing	Lab on Photoshop
Lab on Hardware and Server	Lab on Hardware and Networking	Lab on Computer Animation
Lab on 3D Printing	Lab on Game Designing	Lab on Desktop Publishing

### Course Unique Selling Points (USPs)

#### Focus on Application Development

- BCA programs often emphasize practical skills in software development, including programming languages like Java, C++, Python, etc. This hands-on approach prepares students for real-world projects and jobs in software development.

#### Industry-Relevant Curriculum

- BCA courses are designed to keep up with the latest trends and technologies in the IT industry.
- This ensures that graduates are equipped with the skills and knowledge demanded by employers, making them highly employable.

#### Flexibility and Interdisciplinary Approach

- BCA programs typically offer a mix of core computer science subjects along with electives that allow students to specialise in areas such as web development, mobile applications, database management, cybersecurity, etc.
- This flexibility enables students to tailor their education to align with their interests and career goals.

#### Practical Training and Internships

- Many BCA programs incorporate internships, co-op programs, or industry projects, providing students with valuable hands-on experience and exposure to real-world work environments.
- This practical training enhances their employability and helps them transition smoothly into the workforce.

#### Strong Foundation in Computer Science Fundamentals

- BCA courses often cover fundamental concepts in computer science such as algorithms, data structures, computer networks, operating systems, etc.
- This strong theoretical foundation is essential for understanding advanced topics and adapting to new technologies throughout one's career.

#### Opportunities for Further Education

- BCA serves as a stepping stone for further education in computer science or related fields such as Master of Computer Applications (MCA), Master of Science (MS), or even doctoral studies.
- Graduates can pursue higher education to specialise in specific areas or advance their careers in research and academia.

#### Career Opportunities & Growth

- BCA graduates are in high demand across various industries, including IT companies, software development firms, banking and finance, healthcare, education, government agencies, etc.
- The skills acquired during the BCA course open up diverse career opportunities with the potential for rapid career growth and advancement.



## Bachelor of Business Administration (BBA)

Our BBA program offers a comprehensive curriculum blending theory, case study and practical application, equipping students with essential business skills. Through diverse course work, internships, and industry connections, students develop strong leadership abilities and strategic thinking for success in today's dynamic business world.

### Program Description

Our BBA program provides a comprehensive education in core business principles, covering Finance, Marketing, Management, Human Resources, Operations and Entrepreneurship. Through hands-on projects and experiential learning, students cultivate critical thinking, problem-solving, and leadership abilities. Graduates are well-equipped for various career opportunities in Corporate Management, Consulting, Finance, Marketing, Human Resource, Data Analytics, Operations, Fintech and Entrepreneurship.

Course Name	Intake
Bachelor of Business Administration (BBA)	180
Bachelor of Business Administration in Data Analytics (BBA DA)	60
Bachelor of Business Administration in FinTech. (BBA FT)	60

### BBA (Dual Specialization)

Major Offered
BBA in Financial Management
BBA in Marketing Management
BBA in Human Resource Management
Minor Offered
Hospitality Management
Tourism Management
Supply Chain Management
Internet of Things (IoT)
Cyber Security

### BBA in Data Analytics

Major Offered
Analytics
Minor Offered
Hospitality Management
Tourism Management
Supply Chain Management
Internet of Things (IoT)
Cyber Security

### BBA in FinTech

Major Offered
Financial Technology
Minor Offered
Hospitality Management
Tourism Management
Supply Chain Management
Internet of Things (IoT)
Cyber Security

### Eligibility

HSC or equivalent or Diploma recognized by Board of Technical Education of minimum duration of 3 years.

### Course Offerings

#### Core Courses

##### Principles of Management

Introduces fundamental principles and theories of management, covering topics such as planning, organizing, leading, and controlling within organisations to develop a foundational understanding of managerial roles and responsibilities.

##### Business Management

Explores various aspects of business operations and management, including strategic planning, decision-making, organisational structure, and leadership principles, providing insights into effective management practices and techniques for achieving business objectives.

##### Managerial Communication

Focuses on enhancing communication skills essential for effective managerial roles, covering areas such as interpersonal communication, business writing, presentation skills, and negotiation techniques to facilitate clear and impactful communication within organisations.

##### Financial Accounting and Costing

Provides a comprehensive understanding of financial accounting principles and practices, including recording, summarising, and reporting financial transactions, as well as costing methods and techniques for analysing and controlling costs within business operations.

##### Business Mathematics and Statistics

Equips students with mathematical and statistical tools essential for analyzing business data and making informed decisions, covering topics such as algebra, calculus, probability, and statistical methods for data analysis, forecasting, and decision-making in business contexts.

### Electives Offered

#### Elective Courses

##### E-Commerce

Explores the principles and practices of conducting business transactions online, covering topics such as online marketplaces, digital payment systems, e-commerce platforms, customer relationship management, and legal and ethical considerations in e-commerce operations.

##### Start-up and New Venture

Focuses on the process of launching and managing new businesses, covering topics such as opportunity recognition, business model development, market analysis, funding sources, risk management, and growth strategies for entrepreneurial ventures.

##### Entrepreneurship and Family Business

Examines the characteristics and challenges of entrepreneurship and family-owned businesses, covering topics such as family business dynamics, succession planning, governance structures, innovation strategies, and managing growth and sustain ability in family enterprises.

##### Supply Chain Management

Explores the management of the flow of goods, services, and information from raw material sourcing to final product delivery to customers, covering topics such as procurement, inventory management, logistics, distribution, supply chain optimisation, and sustain ability in supply chain operations.



### Course Unique Selling Points (USPs)

- Industry-driven curriculum co-developed with top companies for real-world relevance.
- Immersive hands-on learning via practical projects and internships, fostering practical skill development.
- Dynamic learning environments with live projects stimulating critical thinking and problem-solving.
- Dedicated faculty with industry experience offering invaluable insights and mentorship.
- Extensive networking opportunities with alumni and industry professionals for career advancement.

### Further Studies Options

- Masters of Business Administration (MBA)
- PG Diplomas in Banking
- PGDM (Post Graduate Diploma in Management)
- Research Opportunities
- CA (Chartered Accountant) or CS (Company Secretary)
- Entrepreneurship

### Certifications

- Swayam NPTEL Courses
- Financial Modeling Certification
- Advance Excel Certification
- Project Management Professional (PMP) Certification and many more.
- Digital Marketing Certification

### Career Pathways

- |                                 |                               |
|---------------------------------|-------------------------------|
| Bank Branch Manager             | Procurement Executive         |
| Financial Analyst               | Operations Executive          |
| Financial Planner / Manager     | Logistic Executive            |
| Portfolio Manager               | Project Management Executive  |
| Marketing Executive             | Supply Chain Executive        |
| Sales Executive                 | Government Jobs               |
| Advertising Executive           | Data Scientist                |
| Market Research Analyst         | Data Analyst                  |
| HR Recruiter                    | Business Intelligence Analyst |
| HR Specialist, or HR Generalist |                               |

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## GLIMPSES





## B.Tech. in Information Technology

Information Technology (IT) is a branch of engineering that focuses on the utilization of computer systems, networks, and information management to solve real-world problems. IT professionals are trained in areas such as software development, database management, network administration, and cybersecurity. They learn to design, implement, and manage technology solutions that support organisations' goals and operations. With a strong emphasis on practical skills and hands-on experience, IT programs prepare students for careers in a wide range of industries, including healthcare, finance, government, and telecommunications, where they can contribute to the development and maintenance of technology infrastructure, systems integration, and digital security.

### The Program Description

Focuses on providing students with a comprehensive understanding of computer systems, software development, networking, and cybersecurity. Learning objectives typically include mastering programming languages, database management, network administration, and cybersecurity principles. Graduates are prepared for diverse career paths in fields such as Software Development, Systems Administration, Database Management, IT Consulting, and Cybersecurity Analysis, where they can apply their skills to design, implement, and manage technology solutions for organisations across various industries.

Course Name	Intake
B.Tech. in Information Technology	60

### Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

### Course Offerings

#### Core Courses

##### Object Oriented Programming

Articulate the principles of object-oriented programming and Apply the concepts of classes, objects, inheritance, polymorphism, and encapsulation in programming.

##### Computer Network

Analyses the need for OSI reference model in computer networking and implement the concepts of data link layer, network layer, and transport layer protocols.

#### Core Courses

##### Real Time Operating Systems

Introduces the knowledge Real Time Operating Systems and its applications in real scenarios.

##### Web Development

Explains the basic principles of web designing and Implement all basic tags in HTML.

#### Electives Offered

#### Elective Courses

##### Mobile Application Development

Introduces knowledge about Understanding Mobile Platforms and learn programming languages commonly used in mobile app development such as Swift (for iOS) or Java/Kotlin (for Android).

##### Big Data Computing

provides an in-depth understanding of terminologies and the core concepts behind big data problems, applications, systems and the techniques.

##### Mobile Computing

Study the basics of mobile devices and the concepts of virtualization and cloud computing.

##### Digital Video Processing

Coverage includes spatio-temporal sampling, motion analysis, parametric motion models, motion-compensated filtering, and video processing operations.

### Course Unique Selling Points (USPs)

- Emphasis on hands-on learning through real-world projects and internships.
- Gain valuable insights, practical skills, and professional connections that enhance their academic journey and prepare them for successful careers in the field.

### Further Studies Options

- Master's programs in relevant fields (e.g., M.Tech. in CS/DS/AI/AI-ML, M.Sc. in Artificial Intelligence).
- Research opportunities within the college or collaboration with external research institutions.

### Tie-Ups/MoUs

- MoU with Approid Corporation, Wonder Kind Solution Pune, Spartificial Solution, Electrosoft System to provide internship opportunities for students in cutting-edge technology domains.
- MoU with Virtual Lab IIT Bombay provides opportunities for students easy access for simulation of various Labs at their place.
- MoU with Spoken Tutorial IIT Bombay provides resource for learning various software and programming languages.
- MoU with Electrosoft system to help in identifying opportunities for platform like hackthon and also provide internship opportunities for students in cutting-edge technology domains.



Labs

New AI-DS Lab

Equipped with high-end workstations and software for research and development in computer vision applications.

Language Lab and Software Lab

The lab provides access to a wide range of software applications relevant to the academic curriculum and research activities of the institute.

Data Structure Lab and Operating System Lab

The computers may run different operating systems such as Windows, macOS, or Linux, catering to the diverse needs of users and specific software requirements.

Multimedia programming Lab and Microprocessor Lab

Equipped with high-end workstations and software for research and development in Microprocessor Programming applications.

Language Lab

The lab is equipped with a number of desktop computers or workstations, each configured with necessary software and hardware specifications to meet the computing needs of the users.

Apple Lab

Lab is equipped with a number of Apple PC's providing Opportunity for students to develop innovative projects, facility for research and development activities, hands-on practices with mac os and cross platform.

Certifications

- Spoken Tutorial IIT Bombay
- Android Programming
- IDS Blockchain Technology
- NPTEL Swayam Courses

Additional Offerings

Name of Event	Resource Person	Designation
Guest Lecture on "Computational Complexity"	Dr Ranveer Singh	IIT Indore
Expert Talk on "Internship Opportunities Abroad"	Dr Sandeep Inamdar	Director, CGC-India, Trustee and Vice-President, Vishwaniketan
Guest Lecture on "Importance of Theory of Computations"	Dr Rishi Ranjan Singh	Assistant Professor, Dept. of CSE, IIT Bhilai

Career Pathways

- | Software Engineer
- | Data Scientist
- | Machine Learning Engineer
- | Network Security Engineer
- | IT Consultant, etc.

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B.Tech. in Computer Science and Engineering

It blends theoretical knowledge with practical application, equipping students with the skills to design, develop, and analyse complex computing systems. From creating innovative software solutions to optimising hardware performance, computer science engineering spans a wide spectrum of technologies and applications, including artificial intelligence, cybersecurity, networking, and mobile computing.

Program Description

Our programs focuses on providing students with a comprehensive understanding of computer systems, software development, and problem-solving techniques. Learning objectives typically include mastering programming languages, algorithms, and data structures, as well as gaining proficiency in software engineering principles and computer architecture. Graduates are prepared for diverse career paths in fields such as software development, cybersecurity, data science, artificial intelligence, and network engineering, where they can apply their skills to innovate, design, and optimise technology solutions for various industries and societal needs.

Course Name	Intake
B.Tech. in Computer Science and Engineering	240
M.Tech. in Computer Science and Engineering	24

Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

Course Offerings

Core Courses
<b>Data Structures and Algorithms</b> Develops proficiency in fundamental algorithms, data structures, and problem-solving techniques.
<b>Design and Analysis of Algorithm</b> Provides career opportunities in analysis, design and optimisation technique in algorithms.
<b>Operating System</b> Interpret the concepts of process and illustrate various CPU scheduling algorithms, Deadlock & security mechanisms and different memory management techniques.

## Core Courses

### Database Management System

Introduces general idea of database management System, also gives idea to design databases using data modelling and design techniques.

### Compiler Design

Helps understand basic concepts of compiler and different phases of compiler.

## Electives Offered

### Elective Courses

#### User Interface Design and User Experience

Identifies the issues and challenges for achieving a user-centered design process, especially with regard to prototyping and evaluation techniques.

#### Business Intelligence Analyst

Determine the statistics on the basis of differential and inferential and apply to various engineering problems in respective disciplines.

#### Blockchain Technology

Provide introduction to a decentralised, secure, transparent, and immutable system for recording transactions and managing data.

#### Data Engineering

Equip students with the knowledge, skills, and practical experience needed to design, build, and maintain robust data infrastructure and systems.

#### System Analysis, Modelling & Design

Determine the system analysis techniques in respective problem areas.

## Course Unique Selling Points (USPs)

- Offer invaluable opportunities to gain real-world experience, enhance their skill sets, and prepare for future careers.
- Provide students with hands-on experience in industry settings, allowing them to apply theoretical knowledge to real-world projects.

## Further Studies Options

- Master's programs in relevant fields (e.g., M.Tech. in Computer Science/DS/AI/AI-ML, M.Sc. in Artificial Intelligence).
- Research opportunities within the college or collaboration with external research institutions.

## Tie-Ups/MoUs

- MoU with Approid Corporation, Wonder Kind Solution Pune, Spartificial Solution, Electrosoft System to provide internship opportunities for students in cutting-edge technology domains.
- MoU with Virtual Lab IIT Bombay provides opportunities for students easy access for simulation of various Labs at their place
- MoU with Spoken Tutorial IIT Bombay provides resource for learning various software and programming languages
- MoU with Electrosoft system to help in identifying opportunities for platforms like Hackthon and also provide internship opportunities for students in cutting-edge technology domains.

## Labs

### New AI-DS Lab

Equipped with high-end workstations and software for research and development in computer vision applications.

### Language Lab and Software Lab

The lab provides access to a wide range of software applications relevant to the academic curriculum and research activities of the institute.

### Data Structure Lab and Operating System Lab

The computers may run different operating systems such as Windows, macOS, or Linux, catering to the diverse needs of users and specific software requirements.

### Multimedia programming Lab and Microprocessor Lab

Equipped with high-end workstations and software for research and development in Microprocessor Programming applications.

### Language Lab

The lab is equipped with a number of desktop computers or workstations, each configured with necessary software and hardware specifications to meet the computing needs of the users.

### Apple Lab

Lab is equipped with a number of Apple PC's providing Opportunity for students to develop innovative projects, Facility for Research and development activities, Hands-on practices with Mac OS and cross platform.

## Certifications

- Spoken Tutorial IIT Bombay
- Adv. Structural Analysis
- Students Chapter IWWA
- Total Station
- NPTEL Swayam Courses

## Additional Offerings

Name of Event	Resource Person	Designation
Expert Talk on "Be An Entrepreneur"	Mr Swapnil Chaudhari	CEO, Swadil Creations Pvt. Ltd., Nashik
Student Development Program on "Cyber Forensics Practices"	Dr Tanmay Dikshit	CEO, Cyber Sanskar, Nasik
Guest Lecture on "Introduction to High Performance Computing"	Dr Preeti Malakar	Ast. Prof, Dept. of CSE, IIT Kanpur

## Career Pathways

- | Software Engineer
- | Data Scientist
- | Machine Learning Engineer
- | Network Security Engineer
- | IT Consultant, etc.

Scan for More







## B.Tech. in Artificial Intelligence

The course "Artificial Intelligence" provides a comprehensive exploration of the theories, algorithms, and applications that underpin modern AI technology. Covering foundational concepts such as machine learning, neural networks, natural language processing, and computer vision, the course delves into both the theoretical principles and practical implementations of AI systems. Students learn to design, develop, and evaluate AI models and algorithms, gaining hands-on experience through programming assignments, projects, and real-world case studies. Additionally, ethical considerations, societal implications, and emerging trends in AI research and development are addressed, fostering a holistic understanding of AI's impact on society and its potential for innovation across diverse fields.

### Program Description

The AI program focuses on equipping students with a deep understanding of core AI concepts, algorithms, and applications. Learning objectives include mastering machine learning techniques, neural networks, natural language processing, and computer vision, while also gaining hands-on experience through practical projects. Graduates are prepared for careers in various sectors, including software development, data science, research, and engineering, with opportunities to work as AI Engineers, Data Scientists, Machine Learning Researchers, and AI Consultants, among other roles.

Course Name	Intake
B.Tech. in Artificial Intelligence	120

### Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

### Course Offerings

#### Core Courses

##### Soft Computing

Comprehend the fuzzy logic and the concept of fuzziness involved in various systems and fuzzy set theory.

##### Natural Language Processing

Demonstrate approaches to generation, dialogue and summarization within NLP.

#### Core Courses

##### Recommendation System

Be Familiar with various issues related to Personalisation and Recommendations. Also describes the system evaluation methods from both algorithmic and users' perspectives.

##### Computer Vision and Deep Learning

Illustrates the basic knowledge, theories and methods in image processing and computer vision.

##### Machine Learning Algorithms

Demonstrate and introduces Machine Learning Models generated from data and apply the algorithms to a real problem, optimise the models learned.

#### Electives Offered

#### Elective Courses

##### Fuzzy Logic

Develop different single layer/multiple layer perception learning algorithms.

##### Data Science for Engineers

provide engineering students with the knowledge, skills, and practical experience necessary to apply data science techniques and tools to solve complex engineering problems.

##### Responsible AI

Educate students about the ethical, societal, and regulatory considerations surrounding the development, deployment, and use of artificial intelligence (AI) systems.

##### Reinforcement Learning

Comprehensive understanding of reinforcement learning algorithms, techniques, and applications.

##### High Performance Computing Architecture

Introduce the fundamentals of high performance computing with the graphics processing units and many integrated cores using their architectures and corresponding programming environments.

#### Course Unique Selling Points (USPs)

- Industry-sponsored career fairs, networking events, and tech meetups offer opportunities for students to connect with potential employers.
- Industry advisory boards composed of professionals from relevant industries. These boards provide input on curriculum development, research priorities, and industry trends.

#### Further Studies Options

- Master's programs in relevant fields (e.g., M.Tech. in Computer Science/DS/AI/AI-ML, M.Sc. in AI).
- Research opportunities within the college or collaboration with external research institutions.

#### Tie-Ups/MoUs

- MoU with Approid Corporation, Wonder Kind Solution Pune, Spartificial Solution, Electrosoft System to provide internship opportunities for students in cutting-edge technology domains.
- MoU with Virtual Lab IIT Bombay provides opportunities for students easy access for simulation of various Labs at their place.

- MoU with Spoken Tutorial IIT Bombay provides resource for learning various software & programming languages.
- MoU with Electrosoft system to help in identifying opportunities for platform like hackthon and also provide internship opportunities for students in cutting-edge technology domains.

### Labs

#### New AI-DS Lab

Equipped with high-end workstations and software for research and development in computer vision applications.

#### Language Lab and Software Lab

The lab provides access to a wide range of software applications relevant to the academic curriculum and research activities of the institute.

#### Data Structure Lab and Operating System Lab

The computers may run different operating systems such as Windows, mac OS, or Linux, catering to the diverse needs of users and specific software requirements.

#### Multimedia Programming Lab and Microprocessor Lab

Equipped with high-end workstations and software for research and development in Microprocessor Programming applications.

#### Language Lab

The lab is equipped with a number of desktop computers or workstations, each configured with necessary software and hardware specifications to meet the computing needs of the users.

#### Apple Lab

Lab is equipped with a number of Apple PC’s providing Opportunity for students to develop innovative projects, Facility for Research and development activities, Hands-on practices with mac OS and cross platform.

### Certifications

- Spoken Tutorial IIT Bombay
- Android Programming
- IDS Blockchain Technology
- NPTEL Swayam Courses

### Additional Offerings

Name of Event	Resource Person	Designation
Expert Talk on “Be An Entrepreneur”	Mr Swapnil Chaudhari	CEO, Swadil Creations Pvt. Ltd., Nashik
Student Development Program on “Cyber Forensics Practices”	Dr Tanmay Dikshit	CEO, Cyber Sanskar, Nasik
Guest Lecture on “Introduction to High Performance Computing”	Dr Preeti Malakar	Ast. Prof, Dept. of CSE, IIT Kanpur

Scan for More



### Career Pathways

- | Software Engineer
- | Data Scientist
- | Machine Learning Engineer
- | Network Security Engineer
- | IT Consultant, etc.



## B.Tech. in Data Science

Data Science provides a comprehensive study of the tools, techniques, and methodologies essential for extracting actionable insights from complex datasets. Covering areas such as data wrangling, statistical analysis, machine learning, and data visualisation, students learn to effectively collect, clean, explore, and analyze data to uncover patterns, trends, and relationships. Through hands-on projects and real-world case studies, participants gain practical experience in applying advanced data science algorithms and tools to solve diverse problems across industries. By mastering these skills, students are prepared for careers as data scientists, analysts, consultants, and researchers, with opportunities in sectors such as technology, finance, healthcare, and beyond.

### Program Description

Our Data Science program emphasises the acquisition of skills in data analysis, statistical modeling, machine learning, and data visualisation. Learning objectives include proficiency in data manipulation, exploratory data analysis, predictive modeling, and communicating insights effectively. Graduates are equipped for careers as data scientists, data analysts, business analysts, and machine learning engineers across various industries such as technology, healthcare, finance, and e-commerce, where their expertise in extracting actionable insights from data is highly sought after.

Course Name	Intake
B.Tech. in Data Science	60

### Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

### Course Offerings

Core Courses
<b>Information Retrieval and Text Mining</b> Analysis of index compression using advance mechanisms and Implement methods and techniques used to extract useful knowledge from text to support decision making.
<b>Next Generation Databases</b> Implement and evaluate complex, scalable database systems, with emphasis on providing experimental evidence for design decisions.



Core Courses

- Deep Learning**  
Introduces and Implement the algorithm to train machine and solve problems associated with batch learning and online learning.
- Big Data Computing**  
Provides an in-depth understanding of terminologies and the core concepts behind big data problems, applications, systems and the techniques.
- Cloud Computing**  
Design and develop highly scalable cloud-based applications by creating and configuring virtual machines on the cloud and building private cloud.

Electives Offered

Elective Courses

- Data Science for Engineers**  
Provide engineering students with the knowledge, skills, and practical experience necessary to apply data science techniques and tools to solve complex engineering problems.
- Java Programming**  
Identifies and teaches how to employ Integrated Development Environment (IDE) for implementing and testing of software solution.
- Distributed Computing**  
Gain a comprehensive understanding of the principles, models, and architectures of distributed systems.
- Data visualisation**  
Clarifies complex datasets by presenting information in a visually digestible format. This clarity enhances understanding and facilitates decision-making.
- Data Warehousing & Mining**  
Introduces the Architecture of a Data Mining system and the various data pre-processing methods.

Course Unique Selling Points (USPs)

- Participating in hackathons, coding challenges, and tech competitions sponsored by industry partners allows CSE students to showcase their skills, collaborate with peers, and potentially attract the attention of recruiters.
- At the forefront of innovation, constantly pushing boundaries and creating cutting-edge technologies that shape the future of society.

Further Studies Options

- Master's programs in relevant fields (e.g., M.Tech. in Computer Science/DS/AI/AI-ML, M.Sc. in Artificial Intelligence)
- Research opportunities within the college or collaboration with external research institutions.

Tie-Ups/MoUs

- MoU with Approid Corporation, Wonder kind solution pune, Spartificial solution, Electrosoft system to provide internship opportunities for students in cutting-edge technology domains.
- MoU with Virtual Lab IIT Bombay provides opportunities for students easy access for simulation of various Labs at their place.

- MoU with Spoken Tutorial IIT Bombay provides resource for learning various software and programming languages.
- MoU with Electrosoft system to help in identifying opportunities for platform like hackthon and also provide internship opportunities for students in cutting-edge technology domains.

Labs

- New AI-DS Lab**  
Equipped with high-end workstations and software for research and development in computer vision applications.
- Language Lab and Software Lab**  
The lab provides access to a wide range of software applications relevant to the academic curriculum and research activities of the institute.
- Data Structure Lab and Operating System Lab**  
The computers may run different operating systems such as Windows, mac OS, or Linux, catering to the diverse needs of users and specific software requirements.
- Multimedia Programming Lab and Microprocessor Lab**  
Equipped with high-end workstations and software for research and development in Microprocessor Programming applications.
- Language Lab**  
The lab is equipped with a number of desktop computers or workstations, each configured with necessary software and hardware specifications to meet the computing needs of the users.
- Apple Lab**  
Lab is equipped with a number of Apple PC's providing Opportunity for students to develop innovative projects, Facility for Research and development activities, Hands-on practices with Mac OS and cross platform.

Certifications

- Spoken Tutorial IIT Bombay
  - Android Programming
- IDS Blockchain Technology
  - NPTEL Swayam Courses

Additional Offerings

Name of Event	Resource Person	Designation
Guest Lecture on "Computational Complexity"	Dr Ranveer Singh	IIT Indore
Expert Talk on "Internship Opportunities Abroad"	Dr Sandeep Inamdar	Director, CGC-India, Trustee and Vice-President, Vishwaniketan
Guest Lecture on "Importance of Theory of Computations"	Dr Rishi Ranjan Singh	Assistant Professor, Dept. of CSE, IIT Bhilai

Career Pathways

- Software Engineer
- Data Scientist
- Machine Learning Engineer
- Network Security Engineer
- IT Consultant, etc.





## B.Tech. in Artificial Intelligence and Machine Learning

Artificial Intelligence and Machine Learning (AIML) offers a comprehensive exploration of cutting-edge AI technologies and machine learning algorithms. Students delve into the theoretical foundations of AI, including topics such as neural networks, deep learning, reinforcement learning, and natural language processing, while also gaining practical experience in implementing AI solutions through hands-on projects and simulations. By mastering these concepts and techniques, participants develop the skills needed to design and deploy intelligent systems that can learn from data, make predictions, and adapt to changing environments. Graduates of the AIML course are well-equipped for careers in AI research, data science, software engineering, and more, with opportunities in industries ranging from healthcare and finance to autonomous vehicles and robotics.

### Program Description

Our AIML program focuses on providing students with a deep understanding of artificial intelligence and machine learning technologies. Learning objectives include mastering concepts such as neural networks, deep learning, reinforcement learning, and natural language processing, while gaining hands-on experience through practical projects. Graduates are prepared for careers as AI Researchers, Data Scientists, Machine Learning Engineers, and Software Developers in industries such as Healthcare, Finance, Autonomous Systems, and more, where their expertise in developing and deploying intelligent systems is highly valued.

Course Name	Intake
B.Tech. in Artificial Intelligence and Machine Learning	60

### Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

### Course Offerings

#### Core Courses

##### AI Knowledge Representation & Reasoning

Become familiar with basic principles of AI towards problem solving, inference, perception, knowledge representation and reasoning.

##### Operating System

Interpret the concepts of process and illustrate various CPU scheduling algorithms, deadlock & security mechanisms and different memory management techniques.

#### Core Courses

##### Database Management System

Introduces general idea of database management system, also gives idea to design databases using data modelling and design techniques.

##### Machine Learning Algorithms

Demonstrate and introduces Machine Learning Models generated from data and apply the algorithms to a real problem, optimise the models learned.

##### Natural Language Processing

Demonstrate approaches to generation, dialogue and summarisation within NLP.

#### Electives Offered

#### Elective Courses

##### Fuzzy Logic

Develop different single layer/multiple layer perception learning algorithms.

##### Data Science for Engineers

provide engineering students with the knowledge, skills, and practical experience necessary to apply data science techniques and tools to solve complex engineering problems.

##### Responsible AI

Educate students about the ethical, societal, and regulatory considerations surrounding the development, deployment, and use of artificial intelligence (AI) systems.

##### Reinforcement Learning

Comprehensive understanding of reinforcement learning algorithms, techniques, and applications.

##### High Performance Computing Architecture

Introduce the fundamentals of high performance computing with the graphics processing units and many integrated cores using their architectures and corresponding programming environments.

#### Course Unique Selling Points (USPs)

- Automating repetitive tasks, optimising resource allocation, and reducing errors, AI and ML solutions can lead to significant cost savings for businesses, making them more competitive and resilient in the market.
- Unprecedented Efficiency: AI and ML algorithms enable automation and optimisation of processes that were previously time-consuming or manual, leading to significant improvements in efficiency and productivity across various domains.

#### Further Studies Options

- Master's programs in relevant fields (e.g., M.Tech. in Computer Science/DS/AI/AI-ML, M.Sc. in AI).
- Research opportunities within the college or collaboration with external research institutions.

#### Tie-Ups/MoUs

- MoU with Approid Corporation, Wonder Kind Solution Pune, Spartificial Solution, Electrosoft System to provide internship opportunities for students in cutting-edge technology domains.
- MoU with Virtual Lab IIT Bombay provides opportunities for students easy access for simulation of various labs at their place.
- MoU with Spoken Tutorial IIT Bombay provides resource for learning various software and programming languages.



- MoU with Electrosoft system to help in identifying opportunities for platforms like Hackthon and also provide internship opportunities for students in cutting-edge technology domains.

### Labs

#### New AI-DS Lab

Equipped with high-end workstations and software for research and development in computer vision applications.

#### Language Lab and Software Lab

The lab provides access to a wide range of software applications relevant to the academic curriculum and research activities of the institute.

#### Data Structure Lab and Operating System Lab

The computers may run different operating systems such as Windows, macOS, or Linux, catering to the diverse needs of users and specific software requirements.

#### Multimedia Programming Lab and Microprocessor Lab

Equipped with high-end workstations and software for research and development in Microprocessor Programming applications.

#### Language Lab

The lab is equipped with a number of desktop computers or workstations, each configured with necessary software and hardware specifications to meet the computing needs of the users.

#### Apple Lab

Lab is equipped with a number of Apple PC’s providing opportunity for students to develop innovative projects, Facility for Research and development activities, hands-on practices with mac OS and cross platforms.

### Certifications

- Spoken Tutorial IIT Bombay
- IDS Blockchain Technology
- Android Programming
- NPTEL Swayam Courses

### Additional Offerings

Name of Event	Resource Person	Designation
Guest Lecture on “Computational Complexity”	Dr Ranveer Singh	IIT Indore
Expert Talk on “Internship Opportunities Abroad”	Dr Sandeep Inamdar	Director, CGC-India, Trustee and Vice-President, Vishwaniketan
Guest Lecture on “Importance of Theory of Computations”	Dr Rishi Ranjan Singh	Assistant Professor, Dept. of CSE, IIT Bhilai
Expert Talk on “Be An Entrepreneur”	Mr Swapnil Chaudhari	CEO, Swadil Creations Pvt. Ltd., Nashik
Student Development Program on “Cyber Forensics Practices” organized	Dr Tanmay Dikshit	CEO, Cyber Sanskar, Nasik

### Career Pathways

- | Software Engineer
- | Data Scientist
- | Machine Learning Engineer
- | Network Security Engineer
- | IT Consultant, etc.



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## B.Tech. in Civil Engineering

It blends theoretical knowledge with practical application, equipping students with the skills to design, develop, and analyse complex Civil Engineering problems. From creating innovative construction design and solutions to optimising field or site implementation, Civil Engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the physical and naturally built environment, by the application of software and hardware field analysis.

### Program Description

Our Civil Engineering programs focus on providing students with a comprehensive understanding of construction systems, offers plenty of high paying jobs worldwide, and this Program helps you understand Engineering Mechanics, Structural Analysis, Construction Design, Site Operations, Material Management etc. Civil Engineers are taught to design, plan, look over construction practices and manage construction on site. They build, supervise and analyse infrastructure construction, and it's an important field of work.

Course Name	Intake
B.Tech. in Civil Engineering	60
M.Tech. in Civil - Structural Engineering	24

### Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

### Course Offerings

Core Courses
<b>Structural</b> Provide career opportunity in design, analysis, estimation for various civil engineering structures.
<b>Geotechnical</b> It provides a deep understanding of the properties and behaviors of soil and rock and how they interact with structure built on or within them.
<b>Water Resource</b> Ensure that water supply infrastructure is effective and able to withstand natural disasters caused by climate change, aging and growth of population.

Core Courses

Transport

It is the application of technology and scientific principles to the planning, functional design, operation and management of facilities for any mode of transportation in order to provide for the safe, efficient, rapid etc.

Environmental

It aids in the provision of safe drinking water, the reduction of water pollution, and the facilitation of proper waste disposal.

Electives Offered

Elective Courses

Green Building

Green buildings help reduce negative impacts on the natural environment by using less water, energy, and other natural resources; employing renewable energy sources and eco-friendly materials; and reducing emissions and other waste.

Prestress

Prestressed concrete has important advantages over reinforced concrete. First, the entire section is effective in resisting the applied moment whereas only the section above the neutral axis is fully effective in reinforced concrete. This leads to greatly reduced deflections under service conditions.

Earthquake Resistant Structure

Earthquake-resistant construction, the fabrication of a building or structure that is able to withstand the sudden ground shaking that is characteristic of earthquakes, thereby minimising structural damage and human deaths and injuries.

Environmental Impact Assessment

EIA plays a crucial role in protecting the environment and promoting sustainable development. By identifying potential impacts and proposing mitigation measures, it ensures that projects are designed and implemented in an environmentally responsible manner.

Sustainable Architecture

One of the main benefits of sustainable architecture is that it reduces the negative impact that buildings have on the environment. Buildings consume over 40% of the world's energy and produce 30% of the carbon dioxide emissions.

Course Unique Selling Points (USPs)

- Offer invaluable opportunities to gain real-world experience, enhance their skill sets, & prepare for future careers.
- Provide students with hands-on experience in industry settings, allowing them to apply theoretical knowledge to real-world projects.

Further Studies Options

- Master's programs in relevant fields (e.g., M.Tech. in Structure / Water Resource / Geotechnical / Transport / Environment).
- Research opportunities within the college or collaboration with external research institutions.

Tie-Ups/MoUs

- MoU with Satyam Enterprises, Jalgaon provides internship opportunities for students in construction sites
- MoU with Arihant Developers Jalgaon opportunities provide internship opportunities for students in valuation, estimation and construction site domains.

Labs

Structural Analysis Lab

Structural analysis plays a fundamental role in building design, ensuring the structural integrity and safety of buildings under various load conditions. It involves analyzing the behavior of building structures under the action of different loads, such as self-weight, occupancy loads, wind forces, and earthquakes.

Testing of Material

Construction material testing is vital in civil engineering to ensure the safety and reliability of structures, as it helps determine the properties and behavior of construction materials.

Soil Mechanics

To determine the classification of soil into silt, sand and clay etc. To determine the index and engineering properties of soil like specific gravity, water content, shrinkage limit, plastic limit, permeability, consolidation, shear strength tests etc.

Software Proficiency

Learning software in civil engineering is important for several reasons. Firstly, it allows civil engineers to design, analyze, and simulate complex structures and infrastructure more efficiently and accurately. Software tools such as AutoCAD, Revit, and various structural analysis programs help engineers create detailed models, perform simulations, and identify potential issues before construction begins.

Advance Surveying

Surveying Lab offers additional experience in fundamental land surveying measurement methods for surveying courses, including precision steel taping methods to perform horizontal measurements, digital theodolites to perform angular measurements and traditional and automatic levels for elevation measurements.

Water Testing Lab

The role of environmental engineers is to design, test and apply technologies that reduce and eliminate pollution, treat water as a key resource, and account for ecological and environmental considerations in both development and conservation efforts.

Hydraulic Lab

It is quite useful for design of drainage channels and open channel. In Hydraulics laboratory, we use to find and verify the difference between the theoretical calculations and actual quantities of flow and its parameters in a pipe network or open channels.

Certifications

- Spoken Tutorial IIT Bombay
- Adv. Structural Analysis
- Students Chapter IWWA
- Total Station
- NPTEL Swayam Courses

Additional Offerings

Name of Event	Resource Person	Designation
Expert Talk on Unsaturated Soil Mechanics & It's Applicability to Landslides Studies	Dr Srikrishnan Siva Subramanian	Ast. Prof Department of Civil Engineering, IIT Roorkee
Expert Talk on Advances in Solid Waste Management	Dr Ashootosh S. Mandpe	Asst. Prof. Department of Civil Engineering, IIT Indore
Expert Talk on Construction Business & Activity Management at Site	Mr Kishor Asawa	Director, MEPL, Nagpur

Career Pathways

- | PSU Jobs
- | Government Employment (PWD, Irrigation dept etc.)
- | Consultant (Drawing, Material etc.)
- | Real Estate
- | Private Job etc.



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## B.Tech. in Electrical Engineering

### Program Description

Electrical Engineering is a field of engineering that by and large deals with the investigation and use of power, hardware and electromagnetism. It currently covers a scope of subtopics including power, gadgets, control frameworks, signal preparing and broadcast communications. The fundamental point is to guarantee the protected utilisation of power. For this reason, they are given the duty of planning electrical machines just as the wiring arrangement of power to guarantee the stock of power to these apparatuses. Electrical architects take care of planning the flight frameworks of airplanes and rocket impetus frameworks. Modern mechanization and car control framework configuration are likewise a piece of electrical engineering. Electrical designing has a significant task to carry out in numerous different fields of study. For example, signal preparing utilizes the standards of electrical designing in adjusting the advanced and simple nature of the signs to acquire the necessary yield. G H Raisonni Institute of Engineering and Business Management, Jalgaon is one of the top Electrical Engineering Institutes in Maharashtra which impart most modern knowledge of Electrical engineering to its students.

Course Name	Intake
B.Tech. in Electrical Engineering	60

### Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward Class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

### Course Offerings

#### Core Courses

##### Network Theory

The subject aims to understand the basic components various sources and circuit analysis method used in electrical system and their behaviour & to study various numerical methods.

##### Basic Electrical Machines

Understand the construction, principle, performance, control and applications of DC Machines, knowledge of rotating machines to connect, run, control and test them for practical experimentation.

#### Core Courses

##### AC Machines

To develop familiarity with 1 ph. & 3 ph. Induction machines and synchronous machines, understand & study various characteristics and speed control for AC motors & study special motors for industrial applications.

##### High Voltage Engineering

Understand the conduction and electrical breakdown phenomena in liquids, solids. Gases or vacuum & to study testing units required for the installation of electrical equipment.

##### Power System Dynamics

To introduce the techniques to control the system voltage, voltage regulation, real and reactive power, power quality, efficiency, practical stability limits during healthy and faulty conditions, transient stability condition of Power system.

##### Industrial Drives

To study and understand operation, application and control of power conversion systems employing electric drive to cater to industrial needs, operation principles, and design of starting, braking, and speed control arrangements for electric motors and their applications.

### Electives Offered

#### Elective Courses

We offer our electives in various tracks according to the industrial and academia needs. Students can select any one track according to his/her needs.

### Course Unique Selling Points (USPs)

- Curriculum is designed according to industrial and academia needs.
- Skill development courses added in curriculum like general aptitude, campus recruitment training, employability skills, understanding human values, humanities elective etc.
- Internship and projects added in curriculum.
- Industry institute interaction can involve by performing activities like expert talks, alumni interaction etc.
- Centre of excellence in high voltage and solar photovoltaic system.
- Used of ICT tools for learning.
- Soft skill, life skill & foreign language training provided for overall development of students.
- Industrial tours conducted in every semester for lifelong learning.
- Beyond the curriculum teaching.
- Industrial standard laboratories.
- Job oriented additional courses.
- Encouragement & guidance for entrance exams like GATE, MPSC etc.
- Personalised career counselling & guidance with 100% placement assistance.
- Start-up & incubation support.
- Wi-fi campus, sanitised, spacious & all-time favourite college canteen.

### Additional Offerings

- Conducted five days certified course on MATLAB Software.
- Conducted five days certified course on AutoCAD Software.
- Conducted Skill Development Activities like Debate, Expo-Event, Poster Presentation, Group Discussion etc.
- Conducted Industrial Tour for Industry Interaction.
- Conducted Expert Talks for students.
- Offer NPTEL courses as open elective.
- Mentor and Mentee Meetings.
- Student Forum Activities.



Tie-Ups/MoUs

- MoU with STATLEC India Electricals Pvt. Ltd.
- MoU with E-Cad Training Center, Ahmednagar.
- MoU with Mahajan Enterprises, Jalgaon.

Faculty Achievement

- Prof Manish D Mahale secured Elite award in NPTEL exam.
- Prof Manish D Mahale shortlisted as NPTEL Translator.
- Prof Priyanka Gajare passed NPTEL Examination.
- All faculties of Department successfully filled and published Copyrights, Patents & Research Paper in Journal & Conference, published books & book chapter.

Career Pathways

- | State Government and Central Government sectors like State-electricity Boards, Telecom, Railways, Indian Army, Indian Air Force, The Indian Navy, etc.
- | Manufacturing Companies and IT Companies, etc.
- | Central Government Jobs in Renewable Sector



B.Tech. in Electronics and Telecommunication Engineering

Electronics and Communication Engineering engaged in learning of electronic gadgets, circuits, correspondence types of machine like transmitter, Integrated circuits (IC). It likewise manages essential hardware, simple and computerized transmission and gathering of information, voice as well as video (Example AM, FM, DTH), chip, satellite correspondence, microwave designing, reception apparatuses and wave movement. It plans to extend the information and abilities of the understudies on the essential ideas and hypotheses that will prepare them in their expert work including investigation, frameworks execution, activity, creation, and support of the different applications in the field of Electronics and Communications Engineering. GHRIBM, Jalgaon is best electronics and telecommunication engineering colleges in Maharashtra where student prepare themselves for better future

Program Description

Electronics and Telecommunication engineering is one of the most popular disciplines in the field of engineering. As the name suggests, the program complies the concepts from both the Communication and Electronics. Students studying this program will work with Electronic Devices, Circuits, Integrated Circuits and Communication Equipment like Transmitter, Receiver, etc. The field also deals with Basic Electronics, Analog and Digital transmissions and reception of data, Microprocessors, Satellite Communication, Microwave Engineering, Antenna and Wave Propagation. The whole curriculum is designed under the guidance of academicians from IIT and NIT and also in concern with industrial experts.

Course Name	Intake
B.Tech. in Electronics and Telecommunication Engineering	60

Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

Course Offerings

Core Courses
<b>Digital Communication</b> Different modulation schemes, multiple accesses, error probability for digital communication.
<b>Microwave Engineering</b> Microwave Components, Microwave Devices and Circuits.



Core Courses

Micro Controller

To study and understand various micro controllers and embedded systems, design parameters interfacing of devices and peripherals.

Electives Offered

Elective Courses

Wireless and Mobile Communication

The evolution of Mobile & Wireless Communication Techniques and the concept of 2G, 3G, 4G, 5G communication.

Wireless Sensor Network

The issues pertaining to sensor networks and the challenges involved in managing a sensor network.

Course Unique Selling Points (USPs)

- Industrial based curriculum.
- Internships, industrial visits and project based learning for hands on learning.
- Centre of Excellence in Drone and IoT.
- Centre of Excellence in Solar Energy and Arduino (CoESE&A).
- ICT based learner centric academic environment.
- Industry participation in teaching-learning.
- Beyond the curriculum teaching.
- Soft skills, life skills, open electives & foreign language.

- Industrial standard laboratories.
- Job oriented additional courses.
- Encouragement & guidance for entrance exams like GATE, MPSC etc.
- Personalised career counselling & guidance with 100% placement assistance.
- Start-up & incubation support.

Additional Offerings

- Guest lecture on Speech Processing by Mr Salam Nandkishor, NIT Nagaland.
- Expert lecture on IoT by Pradip kumar Bhale, NIT Surat.

Tie-Ups/MoUs

- MoU with PDRL Nasik on Drone Technology.
- MoU with Chhabi Electricals.
- MoU with Coppertrack Industry Nasik.

- Career Pathways
- | Electronics Engineer
  - | Communication Engineer
  - | Automation Expert
  - | Network Planning Engineer
  - | Desktop Support Engineer
  - | Electronics Device & Development Engineer
  - | Field Test Engineer
  - | Mobile Network Engineer
  - | Service Engineer
  - | Biomedical Instrument Engineer



## B.Tech. in Mechanical Engineering

Our program offers a has a dynamic curriculum and is revised regularly to incorporate recent industry and research developments. Our curriculum provides students with a solid foundation in Mechanical Engineering fundamentals and advanced skills in various specialized areas. Students will develop the expertise necessary to design, develop, and implement innovative solutions to complex engineering challenges, preparing them for diverse career opportunities in the field.

**Specialisations Offered:** Robotics and Automation, Thermal and Fluid Sciences, Materials Engineering, Design and Manufacturing.

### Program Description

B.Tech. in Mechanical Engineering is a four-year undergraduate program designed to develop strong analytical, problem-solving, and design skills in students. The curriculum combines theoretical knowledge with practical applications, preparing graduates for diverse career paths in engineering and related fields. The program emphasises teamwork, innovation, and project-based learning, ensuring graduates are well-equipped to tackle industry challenges and pursue further studies.

Course Name	Intake
B.Tech. in Mechanical Engineering	60

### Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

### Course Offerings

Core Courses

Engineering Mechanics

An introduction to the principles of statics and dynamics, focusing on forces, torques, and equilibrium.

Thermodynamics

An exploration of energy transfer, heat engines, and thermodynamic cycles.

Core Courses

**Material Science**  
Covers the structure, properties, and applications of engineering materials.

**Fluid Mechanics**  
An examination of fluid properties, fluid statics, and fluid dynamics.

**Mechanical Design**  
Focuses on design principles, stress analysis, and mechanical components.

Electives Offered

Elective Courses

**3D Printing and Additive Manufacturing**  
Introduces concepts and technologies related to 3D printing, including additive manufacturing processes, materials, and applications.

**Advanced Manufacturing**  
Discusses modern manufacturing techniques, including Computer Integrated Manufacturing System (CIM Lab) and CNC machining.

**Robotics and Automation**  
Introduces the fundamentals of robotics, including kinematics, control, and automation technologies.

**Energy Systems**  
Explores renewable energy sources, energy conversion, and power systems.

Course Unique Selling Points (USPs)

- Industry Collaborations: Program developed in collaboration with leading engineering firms, offering industry insights and internship opportunities.
- Hands-On Learning: Emphasis on practical skills through workshops, labs, and real-world projects.
- Research Opportunities: Opportunities to participate in cutting-edge research projects within the college.

Further Studies Options

Graduates can pursue advanced degrees or research opportunities in various fields :

- Master's programs in Mechanical Engineering, Robotics, Aerospace Engineering, and Renewable Energy.
- Research opportunities with university-affiliated research centres or external institutions.

Additional Offerings

- Guest lectures by industry experts to provide insights into current trends and practices.
- International exchange opportunities with partner universities, allowing students to experience engineering education in a global context.
- Entrepreneurship bootcamps that encourage innovation and business skills.

Tie-Ups/MoUs

- MoU with MNCs & OEMs to provide internship opportunities in cutting-edge technology domains.

Labs

**Mechanical Engineering Lab**  
Equipped with lathes, milling machines, and CNC equipment for hands-on manufacturing experience.

**3D Printing Lab**  
Offers 3D printers (ALPHA 500) and related software for exploration in additive manufacturing.

**CIM Lab**  
Contains robotic arms and automation equipment for practical robotics applications.

**Materials Testing Lab**  
Features equipment for testing material properties, such as tensile strength and hardness.

Certifications

- Tool Engineer
- Autodesk

Career Pathways

- | Mechanical Engineer
- | Robotics Engineer
- | Aerospace Engineer
- | Manufacturing Engineer
- | Energy Systems Engineer
- | Research & Development Engineer
- | Additive Manufacturing Engineer

Scan for More







## B.Tech. in First Year Engineering

The Department of First Year Engineering, being an integral and basic part of the college focuses on promoting the discovery and application of scientific knowledge to empower students to face the global challenges. Thus, prepares the students to contribute effectively, intellectually and ethically as citizens of a dynamic scientific community. Augmented by a research-based curriculum, the department has always thrived in the development of strong basic fundamentals in the relevant courses right from the first year of Engineering which is an ideal prospect to exemplary education. The syllabus is designed in a way to have a learner centric system as this is expected to work as a bridge course and accordingly real time implementations through hands on practice and innovations in projects are promoted among the students.

### Program Description

Under Autonomous system, the department strongly believes on continuous evaluation and feedback so as to ensure that students get acquainted to develop their logical, analytical, and creative thinking skills and also to emerge as a life- long learners. The foundation of engineering education is laid through the knowledge of basic principles of Engineering Physics, Environmental Chemistry, Engineering Mathematics, Communication Skills, Computer programming, Foundations of Analytics, Programming for problem solving, Basic electrical Engineering, Introduction to Digital System, Bio medical Engineering, Introduction to drones, Internet of Things, Introduction to Machine Learning, Introduction to Drone, Digital Logic Design, Manufacturing Science, 3D Printing Technology, Sensor Actuator & Measurement, Concrete Technology, Architecture Planning & Drawing, Indian Knowledge System, Liberal Learning Course, etc.

### Eligibility

Passed HSC examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical or Vocational subjects, and obtained at least 45% marks (at least 40% marks, in case of backward class categories) in the above subjects taken together; and obtained score in MHT-CET /Non-zero positive score in JEE MAIN.

### Accreditations

NAAC Accredited Grade "A" with CGPA 3.09"

## Course Offerings

### Basic Science (BSC)

#### Matrices & Differential Calculus

Understand the properties of matrices, such as commutativity, associativity, and distributives, and how they apply to matrix operations.

#### Environmental Chemistry

Gain an understanding of the fundamental principles governing chemical processes in natural and engineered environmental systems, including the atmosphere, hydrosphere.

#### Engineering Physics

Gain a solid understanding of fundamental principles in physics, including mechanics, electromagnetism, thermodynamics, optics, and quantum mechanics, and their applications in engineering contexts.

#### Integral Calculus & Differential Equation

Mastery of techniques for evaluating definite and indefinite integrals, including substitution, integration by parts, trigonometric integrals, trigonometric substitution, partial fractions, and improper integrals

#### Linear Algebra & Statistics

Understanding of vector spaces, subspaces, linear independence, bases, dimension, and linear transformations, stability analysis, and differential equations.

#### Matrices & Differential Calculus

Understand the properties of matrices, such as commutativity, associativity, and distributives, and how they apply to matrix operations.

#### Environmental Chemistry

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Gain a solid understanding of fundamental principles in physics, including mechanics, electromagnetism, thermodynamics, optics, and quantum mechanics, and their applications in engineering contexts.

#### Integral Calculus & Differential Equation

Mastery of techniques for evaluating definite and indefinite integrals, including substitution, integration by parts, trigonometric integrals, trigonometric substitution, partial fractions, and improper integrals.

#### Linear Algebra & Statistics

Understanding of vector spaces, subspaces, linear independence, bases, dimension, and linear transformations, stability analysis, and differential.

#### Manufacturing Science

Understanding of various manufacturing processes, materials, and technologies. They will be proficient in applying theoretical concepts to practical manufacturing scenarios, demonstrating competency in process optimisation, quality control, and resource management.

#### Construction Material & Workshop Practice

Students will possess a thorough understanding of various construction materials, their properties, and applications in civil engineering projects. They will demonstrate proficiency in laboratory techniques for material testing, including strength, durability, and composition analyses

#### Biomedical Engineering

Understanding of the intersection between engineering principles and biological systems. They will be proficient in applying engineering techniques to solve problems in medicine and healthcare, including medical device design, biomechanics, and tissue engineering

## Engineering Science Course (ESC)

### Digital Logic Design

Mastery of binary, decimal, and hexadecimal number systems, and proficiency in converting between them.

### Basic Electrical Engineering

Mastery of fundamental concepts in electrical circuits, including voltage, current, resistance, power, Ohm's Law, Kirchhoff's laws, and series and parallel circuit analysis.

### Programming for Problem Solving

Mastery of fundamental programming concepts, including variables, data types, operators, control structures, functions, arrays, and strings.

### Engineering Mechanics

Students will have acquired a solid foundation in fundamental principles of mechanics, including statics and dynamics. They will be able to analyse and solve engineering problems related to the behaviour of solid bodies and structures under various loads and constraints.

### Engineering Graphics

Engineering Graphics course, students will have mastered the principles and techniques of graphical communication in engineering. They will be proficient in creating and interpreting engineering drawings, including orthographic projections, dimensioning, and geometric tolerance.

### Material Science & Workshop Practice

Students will have gained a comprehensive understanding of the properties, structure, and behaviour of materials used in engineering applications. They will be proficient in laboratory techniques for material characterization and analysis, including mechanical testing, metallography, and spectroscopy. Additionally, students will have developed hands-on skills in workshop practices such as machining, welding, and fabrication, enabling them to apply theoretical knowledge to practical engineering projects with precision and efficiency.

### Concrete Technology

Understanding of the properties, behaviour, and manufacturing processes of concrete. They will be proficient in the design and proportioning of concrete mixes to meet specific strength, durability, and performance requirements.

### Basic Electronics

They will be proficient in analysing and designing simple electronic circuits, including amplifiers, oscillators, and digital logic circuits.

## Vocational Skill Enhancement Course (VSEC)

### Computer Programming

Development of algorithmic thinking skills, including problem-solving techniques, algorithm design, problem decomposition, pattern recognition, and step-by-step algorithmic solutions.

### Foundation of Data Analytics

Gain a foundational understanding of data analytics, including its definition, scope, importance, and applications in various fields such as business, science, engineering, healthcare, and social sciences.

### Solar PV System

Understanding the principles of solar photovoltaic technology and have ability to design, install and maintain solar PV systems.

### 3D Printing

Understanding different printing materials & their applications, designing 3D models, troubleshooting printing issues.

## Vocational Skill Enhancement Course (VSEC)

### Computer Aided Drawing

Students will have acquired proficiency in utilizing CAD software to create and manipulate technical drawings for engineering and design applications. They will be adept at generating 2D and 3D models, applying geometric constraints, and annotating drawings with dimensions and annotations.

### Architecture Planning & Drawing

Understanding of architectural design principles, space planning, and drawing techniques. They will be proficient in developing architectural plans, elevations, and sections using both manual drafting methods and computer-aided design (CAD) software.

### Introduction to Drone

Understanding of drone technology, including components, operation principles, and applications across various industries. They will be proficient in safely operating drones, understanding relevant regulations, and executing basic flight manoeuvres.

### Foundation of Electric Vehicle & Renewable Energy

Students will have acquired a comprehensive understanding of the principles, components, and technologies underpinning electric vehicles (EVs) and renewable energy systems. They will be proficient in analysing EV drive trains, energy storage systems, and renewable energy sources such as solar and wind.

## Ability Enhancement Course (AEC)

### Communication Skill

Develop proficiency in delivering clear, concise, and coherent verbal messages in various contexts, including presentations, discussions, and interpersonal interactions.

## Program Core Course (PCC)

### Computer Fundamental & Troubleshooting

Gain a basic understanding of computer hardware components such as the central processing unit (CPU), memory (RAM), storage devices (hard drives, SSDs), motherboard, input/output devices (keyboard, mouse, monitor), and peripheral devices.

### Sensor, Actuator & Measurement

Students will have a comprehensive understanding of the principles, design, and applications of sensors, actuators, and measurement systems in engineering. They will be proficient in selecting appropriate sensors and actuators for different applications, designing measurement systems, and analyzing data acquired from sensors and actuators.

### Water Resource Engineering

Students will have developed a deep understanding of the principles, practices, and technologies involved in the management and utilisation of water resources. They will be proficient in analyzing hydrological processes, designing water supply and distribution systems, and implementing strategies for water conservation and sustainability.

### Advanced Electrical Technology

Understanding of electrical principles, systems, and technologies. They will be proficient in analyzing and designing complex electrical circuits, including power systems, control systems, and renewable energy systems.

### Sensor & Instruments

Understanding of various sensors, measurement techniques, and instrumentation systems used in engineering applications. They will be proficient in selecting, calibrating, and integrating sensors to measure physical parameters accurately.



Liberal Learning Course (LLC)

Fitness & Sport

Gain knowledge of the principles of fitness, including cardiovascular endurance, muscular strength and body composition, and their importance in overall health and Introduction to basic skills, techniques, rules, and strategies of popular sports and recreational activities, including basketball, soccer, volleyball, tennis, swimming, running, cycling, and others.

Photography & Videography

Gain knowledge of different types of cameras (DSLRs, mirrorless, compact), lenses, and accessories, and understanding of camera settings, exposure modes, and shooting modes.

Music & Instrument Playing

Develop proficiency in playing a musical instrument(s) of choice, including techniques for producing sound, fingering, hand positioning, breath control (for wind instruments), bowing techniques (for string instruments), and rhythm and timing.

Drama & Dance

Gain knowledge of different forms and styles of drama and dance, including classical, contemporary, traditional, and experimental, and understanding of their historical, cultural, and social contexts.

Art & Craft

Develop proficiency in various art and craft techniques such as drawing, painting, sculpting, printmaking, pottery, textiles, and mixed media, with an understanding of tools, materials, and processes.

Integrated Personality Development

Develop a deeper understanding of oneself, including strengths, weaknesses, values, beliefs, emotions, and aspirations, fostering a foundation for personal growth and self-improvement.

NSS

Engage actively with communities to identify their needs, challenges, and aspirations, and collaborate with them to develop sustainable solutions and initiatives.

Indian Knowledge System (IKS)

**Indian Knowledge System (IKS):** Concepts and Applications in Engineering: Students should have gained a comprehensive understanding of Indian knowledge systems and their applications in engineering, developed critical thinking skills, and acquired an appreciation for the cultural heritage, innovation, and resilience embedded in Indian traditions.

Introduction to Indian Art - An Appreciation

Students should have gained a comprehensive understanding of Indian art history, developed skills in analyzing and appreciating Indian artworks, and acquired a deeper appreciation for the cultural richness, diversity, and significance of Indian art in global art history.

Folk and Minor Art in India

Students should have gained a comprehensive understanding of the rich and diverse landscape of folk and minor art in India, developed skills in analyzing and appreciating these art forms, and acquired a deeper appreciation for their cultural significance, artistic merit, and contribution to India's cultural heritage.

Modern Indian Architecture

Students should have developed a comprehensive understanding of modern Indian architecture, its historical evolution, key movements and styles, technological advancements, regional diversity, urban contexts, and contemporary challenges.

Course Unique Selling Points (USPs)

- Offer invaluable opportunities to gain real-world experience, enhance their skill sets, and prepare for future careers.
- Provide students with hands-on experience in industry settings, allowing them to apply theoretical knowledge to real-world projects.
- Industry-standard labs like CIM, 3D printing, CNC.
- Curriculum orientation as per the NEP 2020 policy.
- The policy introduces reforms in higher education, including the restructuring of higher education institutions, promotion of research and innovation, accreditation reforms, and emphasis on multidisciplinary education and autonomy.
- Implementation of LLC and Indian Knowledge System.

Further Studies Options

- Master's programs in relevant fields (e.g., M.Tech. in Computer Science/DS/AI/AI-ML, M.Sc. in AI).
- Research opportunities within the college or collaboration with external research institutions.

Labs

Language Lab and Software Lab

The lab provides access to a wide range of software applications relevant to the academic curriculum and research activities of the institute.

IT Lab

The computers may run different operating systems such as Windows, Turbo C+, Idle, catering to the diverse needs of users and specific software requirements.

Engineering Physics Lab

The lab having advanced equipment like CRO, different rectifiers, types of diodes & their application, and the semiconductors.

Environmental Chemistry Lab

The lab is equipped with different types solutions like NaCl, Silver Nitrate, Potassium Chromate and different alcohols with heating purpose Muffle Furnace.

Engineering Mechanics Lab

Lab is equipped with all the application of various laws of machines, like Varignon's Principle, Lami's Theorem, Friction apparatus, flywheels, various machines likes differential axle and wheel, worm & worm wheel mechanism, screw jack and many more.

Certifications

- Python programming at Intershala
- NPTEL Swayam Courses
- Value Added Course

Additional Offerings

Name of Event	Resource Person	Designation
Expert Session on "Understanding Entropy the law of nature"	Dr Sunil Patil	Director, R&D Cell, RUSA Coordinator, Institute of Science, Nagpur
Expert Session on 'Algorithmic Thinking'	Mr Swapnil Savdekar	Senior Software Engineer, Uber Inc., Sunnyvale, US
Expert Session on 'Modern Electron'	Dr Sunil Patil	Director, R&D Cell, RUSA Coordinator, Institute of Science, Nagpur
Expert Session on Incubation & Innovation	Mr Swapnil Chaudhari	Director /Coordinator, KCILL, KBCNMU, Jalgaon



### Amphitheatre

One open-air amphitheatre (Students Activity Centre) of about 300 seating capacity is available where cultural events annual gathering and mega events are of the institute are conducted.



### Centralised Computing Centre (CCC)

CCC having MAC systems for more than 200 students and FREE internet surfing facility is operating from 8 am. Institute has around 1490 Computers connected through Internet. Entire campus is Wi-Fi. Students are encouraged to have their own laptops which can be given the unique ID to access Internet. College has 155 New one GBPS leased line to provide 24 x 7 internet facility on campus.



### Library

The Institute has a spacious centrally air-conditioned library of area 1380 Sq m. The college devotes considerable efforts & resources to the development of an outstanding library collection to meet the expanding need of teaching and research. The library has more than 55000 volumes which include text books reference books and research material on different disciplines in Science Engineering & Management.



## World Class Infrastructure & Facilities

GHRCEM has world class infrastructure & facilities needed for overall development of the students. The institute aims to ensure that all its students experience excellence in education during their stay at GHRCEM.

### Spacious Classrooms

Classrooms are spacious and well ventilated creating a more comfortable and conducive learning environment. They make students feel significantly comfortable and contribute to a positive and productive educational environment for both students and teachers. The smart classroom integrates technology and modern teaching methodologies to enhance the learning experience for students and streamline teaching processes for educators. The smart board in the classroom facilitates the presentation of multimedia content, annotates presentations, and engages students in interactive learning activities.



### ATM Facility

An ATM of ICICI bank is installed within the campus of the Institute.



### Gymnasium

The institute has a gymnasium equipped with the necessary facilities to maintain the health of students. As one of the favorite corners students like to come here and exercise. A trained fitness expert is available daily.



### Medical Centre (Health Care)

A basic medical facility is provided to cater to the health issues of the students and staff members through a dispensary. A doctor visits the dispensary on scheduled days. The institute has tied up with the hospitals in Jalgaon. All students are covered under insurance. The institute has procured an ambulance also.



### Canteen

The Cafeteria not only provides a vibrant atmosphere and unleaded fuel for the day but also is an effective way to put forth a new method called the "Cafeteria approach". This is a new method of learning in an informal manner. It helps in nurturing interpersonal skills among students. Nutritious healthy meals and snacks are provided with the introduction of concept of corporate lunch.



### Hostel Facilities

Two boys hostels, two girls hostels, air-conditioned gym, hygienic food, water cooler, sports room, free transportation to institute, Wi fi enabled 24 x 7.



### Sports & Recreation

A full-fledged Physical Education & Sports Department with two Students' Activity and Sports Officers (SAS Officers) & one Physical Director provide to manage sports games and physical fitness. Infrastructure facilities are available in the hostels and sports centre for indoor and outdoor sports. Also there is a basketball court of national standards. Different sports activities are routinely organised round the year including the annual sports week. Students unwind themselves by playing: chess caroms & table tennis during the evenings. The institute financially supports students to participate in competitions outside the college.



### Differently Abled (Divyangjan) Friendly Campus

The institute provides all the basic divyangjan friendly facilities & amenities like rest rooms ramp / rails dedicated lift reserved seats on the college buses reserved parking etc.





## Residential Facilities

The institute provides a homely environment for students. Separate hostels for both boys and girls are available on the campus with the following 24x7 facilities:

- Power Backup
- CCTV Camera
- Dedicated Security
- Female Warden
- Medical & a Lady Guard for Girls
- Ambulance Support
- Clean and RO Filtered Water Supply
- Hygienic Environment & Wi-Fi Facility
- Separate Dining Halls offer a variety of cuisine for students
- Reading room with books periodicals & TV.
- Central Laundry Facility
- Modern Amenities & Facilities For Sports & Recreation
- Indoor & Outdoor Games
- Gymnasium & Horse Riding
- Around-the-clock Canteen
- In-campus Guest House
- Celebration of Major Festivals



## Campus Life

### Location

GHRCEM is centrally located at a distance of approximately 8 km from the Jalgaon Bus Stand. It is well connected with the public transport system.

### Accommodation Details

Hostels and paying guest accommodations are available close to the college campus. Detailed information regarding the same can be had from the administration at the college.

### Emergency Details

All the emergency services, including the hospital, police station etc. can be approached in just a few moments. Besides this a regular on campus medical First-aid checkup, Ambulance and consultation facility too can be availed by the students.

### Canteen

The canteen offers a diverse menu with a variety of food options at affordable prices. High standards of cleanliness and hygiene is maintained and the canteen staff follow strict sanitation protocols for food preparation, storage, and serving areas.

### Sports Room

The indoor & outdoor sports provides a dedicated space for staff and students to engage in indoor & outdoor sports activities, promote physical fitness, and enjoy recreational games in a safe and comfortable environment.

### Auditorium

A high capacity, contemporary auditorium forms the platform for the state-level and national conferences, workshops, seminars, presentations as well as short gatherings like the students fresher's party, alumni meet etc.

### Additional Facilities

- Seminar Cum Tutorial Hall
- Adequate Parking Area
- Adequate Security Features
- Fire Protection Infrastructural Features
- Uninterrupted Power Supply (UPS) and Generator Backup
- Common Rooms for Girls
- Purified Drinking Water Cooler



## Student Activities

Student activities play a crucial role in enhancing the overall educational experience and fostering personal development outside of the classroom. To enrich the educational experience by providing opportunities for personal growth, skill development, social interaction, & community engagement the institution has various clubs and forums.

### Student Clubs

Clubs
Finance Club
Marketing Club
HR Club
CSR Club
Hobby Club
Dance Club
Music Club
Drama Club
Toastmaster Club

### Finance Club

The club revolves around enhancing students' understanding of finance-related topics providing networking opportunities and fostering professional development. It covers the topics such as financial modelling valuation techniques portfolio management and financial statement analysis.



### Music Club

The Music Club encourages students to showcase their talents in music- instrumental as well as in vocal. Music club provides a platform to participate in various inter and intra college competition. In a regular club activity students continued to learn and practice by organising jamming sessions.

- Swar Samrat
- Music Workshop
- Antakshari Competition
- Instrument Workshop
- Musical Flash-mobs



### Toastmasters Club

Helps participants hone their skills in – Speaking Leadership Focus on the development of impromptu speaking skills and other skills like timekeeping running meetings and parliamentary procedure.





## Kashti

University-level Management and Cultural Week is celebrated every year. The three day event is packed with various Competitions and Management events viz. Kal ka Nayak Board Room Battle- the Case Study Competition Bolly-Jigyasa Quiz competition Bull-Bear competition etc.



Prof Shardchandra Chhapekar, Prof. Preeti Agarwal & HODs at the inaugural of KASHTI



Poster Competition at KASHTI

## Anataragni

Antaragni the annual social gathering is celebrated with full zeal at the campus. More than 750 participants were engaged and enjoyed the program with full energy and enthusiasm. Various events like Dance Singing Departmental war Fashion show Drama Antakshri etc were taken during the schedule for gathering.



Inaugural Function of ANTARAGNI

# Annual Events

Our academic programs are backed up with extra-curricular & co-curricular inputs promoting culture sports self-governance ethics & values that help the students towards becoming complete.

## Shiv Mohotsav

This event is celebrated every year with zeal and inspires the students to inculcate the values of Chhatrapati Shivaji Maharaj in their lives.



Students playing the character of Shivaji Maharaj



Students gathered to celebrate Shiv Mohotsav



Prize Distribution Ceremony of KASHTI



Rangoli Competition



Antaragni Drama Event



Antaragni Cultural Event



Dhamaal Dandiya



Technorion Event



Kite Festival



Antaragni Singing Event



Rock on Night



Ganpati Festival



Technorion Event



# Career Guidance

## Training & Placement Cell

The training and placement (T&P) cell of the institute promises smooth and progressive conduction of placements internships and training programmes. With a dedicated team of teachers Student Placement Committee Members (SPC) and staff members the T & P cell handles the placement and internship procedures. This includes communicating with the companies scheduling and executing the placement procedures along with carrying out all official communication with recruiters and students. Over the years the TnP cell has proved its efficiency in meeting the expectations of both the recruiters and the students.

Under the watchful eyes and care of a dedicated team it mentors and grooms the aspiring students with the skill set demanded by the industry by providing the following services through trained professionals.

## Campus Recruitment Training (CRT)

- Mock Technical and aptitude online assessments through an independent industry leader.
- Technical and aptitude training sessions.
- CV writing workshops.
- Soft skill development sessions personality development sessions mock interviews & coding tests.
- Pre-placement talks analytical tests.
- Group discussions and personal interviews.
- Dedicated Superset Placement portal for the smooth functioning of all placement activities.
- Students get opportunities & support (travel fare food and accommodation) to appear for placement drives at all institutes that are under the aegis of Rasoni Education at Nagpur, Pune, Amravati, etc.



Felicitating the students of Electrical & Mechanical Engineering for being placed in Sigma Electric Pvt. Ltd., Pune.



Felicitating the students of MBA for being placed in Muthoot Finance



Felicitating the students of MBA for being placed in Paarsh Infotech Pvt. Ltd.

## Internship Details

### What does the internship include?

It is a well-planned work experience associated with enhancing the personal development and academic career of a student. The students are on the receiving end of live exposure. They are able to witness the problems in the work field and find it's first hand solution all by them.

## Minor Recruiter Companies

Name of Companies
Axis Bank
HDFC Bank
Bank of Maharashtra
Defence Research & Development Organization
Jain Irrigation System Pvt. Ltd.
Jain Farm Fresh Pvt. Ltd.
Spectrum Electricals Pvt. Ltd., Jalgaon
Supreme Industries, Jalgaon
Paarsh Infotech Pvt. Ltd.
Eagle Byte Pvt. Ltd., Nashik
Mudra Solutions, Jalgaon
Training & Industrial Engineering Department
MSS India Pvt. Ltd., Nashik
Mahajan Enterprises, Jalgaon
Sigma Electric Pvt. Ltd., Pune
Dwarka Transformer, Jalgaon
Tapi Shetkari Sahakari Sutgirni Ltd., Chopda
Statlec India Electricals Pvt. Ltd.
Morvi Electrical Works, Bhusawal
Aadarsh Engineers, Nashik
Kiran Machine Tools, Jalgaon
Ashish Electricals Pvt. Ltd., Jalgaon
Maxgen Tecnologies Pvt. Ltd., Pune
Vionsys IT Solution India Pvt., Pune
Hndav Softech Pvt. Ltd., Jalna
L&D Infotech Pvt. Ltd., Pune
MC Talenthunt, Pune
Proazuru Software Solution, Pune

## Career Counselling Services

Career counselling services provided to students aim to assist them in exploring various career options and developing the necessary professional skills to succeed in their chosen fields.

### Services offered

- Career Counselling Sessions
- Aptitude Assessments
- Workshops
- Resume Writing and Portfolio Development
- Interview Preparation Workshops
- Networking Opportunities
- Internship and Job Search Support
- Professional Development Programs

Name of Companies
Tata Communications, Pune
Aaproid Technologies
Technokraft Solution Pvt. Ltd., Nashik
Softanic Solutions Pvt. Ltd.
Integration Wings, Pune
Gigante Technology, Pune
Wind Hans Technology, Nashik
Krishna Maruti Limited, Ahemdabad
Mass Tech Controls Pvt. Ltd., Jalgaon
Global Electric Pune/ GE Electrical Pvt. Ltd., Pune
Rohan Construction, Pune
Shriswami Infrastructure Pvt. Ltd.
Beeta Associates, Jalgaon
Brilliance Foundation, Jalgaon
Apaha Construction, Pune
Saisurya Constrcution, Nadurbar
Tayde Construction, Bhusawal
Yogesh Construction & Design, Sambhji Nagar
and many more.

Major Recruiters

- Core engineering Firms
  - FMCG Sector
  - BFSI Sector
- Analytics & Consulting Firms
  - Trading
- R&D Organizations
  - Sales & Marketing
- IT Services
  - Web Development

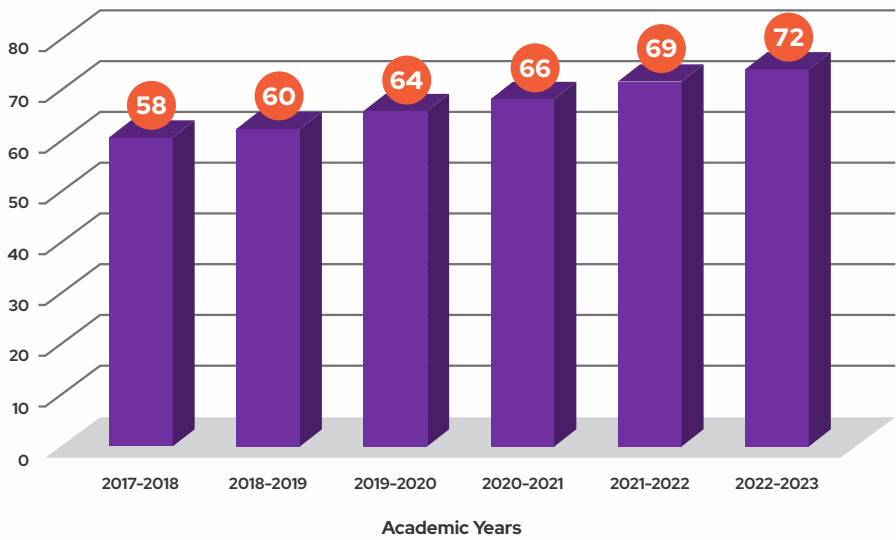
Major Recruiter Companies

Name of Companies	Name of Companies
Tata Consultancy Services (TCS)	ITC Infotech
Tata Communication Pvt. Ltd.	Wipro
L&T Technologies Pvt. Ltd.	Citius Tech
DXC Technologies	Cyber Success
Technosteel Infra Projects Pvt. Ltd.	Qualitykiosk Technologies Pvt. Ltd.
Kokban Automation Pvt. Ltd.	Neeyamo Enterprises
Amazon	Bosch Global Software Technologies Pvt. Ltd.
Genpact	Hitachi Astemo Ltd.
INFOSYS	Quest Global Technologies Pvt. Ltd.
Reliance Jio	Paarsh Infotech Pvt. Ltd.
Capgemini	Sigma Electrical Pvt. Ltd.
DXC Technology	Ashish Electrical Pvt. Ltd.
Atos Global Pvt. Ltd.	MSS India Pvt. Ltd.
Yotta Infrastructure Solutions	Eagle Byte Solutions Pvt. Ltd.
CGI	Manasvi Tech Solutions Pvt. Ltd.
Hexaware Technologies Ltd.	Mudra Solutions Pvt. Ltd.
Eagle Pharmaceuticals	Yardi Software India Pvt. Ltd., Pune
Mutooth Finance	Konverge AI
Aditya Birla	Jain Irrigation Pvt. Ltd.
Home First Finance Pvt. Ltd.	Jain Farm Fresh Pvt. Ltd.
IBM	Sterlite Technologies Limited (STL)
Afcons Infrastructure Pvt. Ltd.	Bajaj Capitals Pvt. Ltd.
IndiaMART InterMESH	Bajaj Auto, Pune
LIC	Hitachi Brakes, Jalgaon
HSBC	Supreme Industries, Jalgaon
Nuvent Systems Pvt. Ltd.	Spectrum Electrical Industries, Jalgaon
Panasonic	Kiran Machine Tools, Jalgaon
Amura Marketing Technologies	SBI Mutual Fund
Qspider	Bank of Maharashtra
Just Dial Ltd.	Axis Bank
FACE Technologies	ICICI Bank

OUR RECURITERS

JPMORGAN CHASE & CO.	Deloitte.	TIAA	KPMG	Capgemini	Cognizant	accenture	amadeus
pwc	adani Power	amazon	tcs	JSW	ITC	TATA	IBM
BOSCH	JSW Energy	Infosys	amdocs	wipro	Hind Rectifiers Ltd.	GE	CYBAGE
Mahindra	UAT Technology Services	brose	Tech Mahindra	DXC	HITACHI	GlobalLogic	KEC
hiksoft	KPIT	UAT Infotek	BlueCouch	BYJU'S	flex.	INFOCEPT	SIEMENS
Atos	CGI	HCL	Triveni	ZENNO	Key	torrent POWER	TATA
infogain	Jio	coditas	PLANITSPAIN	HEXWARE	STL	BOHNS PRECISION	FIS
BASE	TECHTURE	Persistent	HotelKey	ValueLabs	YOTTA	IASYS	AFCONS
TECH	NICE	DPJAIN	Enigma	Mphasis	genpact	UltraTech	Konverge AI

Placement Graph





## TOP PLACEMENTS



**Mr Pramod Baviskar**

Placed at



**Mr Bhavesh Kasare**

Placed at



**Mr Niraj Patil**

Placed at



**Mr Hitesh Patil**

Placed at



**Mr Yash Fule**

Placed at



**Ms Vidhi Goydani**

Placed at



**Ms Tejaswini Jaiswal**

Placed at



**Ms Vaishnavi Patil**

Placed at



**Mr Prashant Tirmale**

Placed at



**Mr Anand Pawar**

Placed at



**Mr Gaurav Patil**

Placed at



**Mr Suryakant Kandhare**

Placed at



**Ms Nisha Pawar**

Placed at



**Ms Disha Harhare**

Placed at



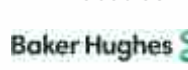
**Mr Akshay Kasar**

Placed at



**Ms Deepti Jadhav**

Placed at



## List of Students Placed (Department of Management)

Sr. No.	Name of the Student	Name of the Company	Package in LPA
1	Pranmod Baviskar	Ujjivan Small Finance Bank	11.25
2	Yogesh Sapkale	Panasonic	9.2
3	Prem Singh Patil	Fasal	6.00
4	Yash Fule	Tata Consultancy Services	5.79
5	Vidhi Goydani	Tata Consultancy Services	5.79
6	Bhavesh Kasare	Asian Paints	5.71
7	Dnyanar Borole	Immersivevision Technology Pvt. Ltd.	3.54
8	Anand Pawar	Kotak Mahindra Bank	3.52
9	Anuj Agrawal	Bajaj Finserv	3.4
10	Sagar Lohar	IndiaMART	3.3
11	Prashant Tirmale	IndiaMART	3.3
12	Vaishnavi Dayama	Piramal Finance	3.12
13	Ujwal Bhavsar	Piramal Finance	3.12
14	Tejaswini Jaiswal	Paarsh Infotech Pvt. Ltd.	3.00
15	Vaishnavi Patil	Paarsh Infotech Pvt. Ltd.	3.00
16	Florence Jeswani	Chhaya Kart	3.00

## List of Students Placed (B.Tech)

Sr. No.	Name of the Student	Name of the Company	Package in LPA
1	Dipak Saini	Eagle Pharmaceuticals	6.85
2	Harshada Sapkale	KEC International	4.00
3	Kapil Sarode	Home First Finance Pvt. Ltd.	5.25
4	Suraj Patil	Afcons Infrastructure Pvt. Ltd.	4.25
5	Jagruti Thosare	Indus Tower	3.60
6	Vaishnavi Mahajan	Indus Tower	3.60
7	Ashwini Mahajan	L&T Technologies	4.00
8	Yash Sonar	DXC Technologies	4.00
9	Kunal Joshi	Reliance Jio	4.00
10	Asha Kakde	CGI	4.00
11	Aditya Patil	L&T Technologies	4.00
12	Niraj Patil	Tata Consultancy Services	3.36
13	Vaibhav Phegade	Sigma Electric Pvt. Ltd.	2.50
14	Prajwal Mandlik	Eagle Byte Solutions Pvt. Ltd.	3.20
15	Aniket Chaudhari	Sigma Electric Pvt. Ltd.	2.50
16	Raj Saindane	Sigma Electric Pvt. Ltd.	2.50



List of Students Placed (Department of Computer Application)

Sr. No.	Name of the Student	Name of the Company	Package in LPA
1	Akshaykumar Pravin Kota	Paarsh infotech Pvt. Ltd.	3.00
2	Akshay Ravindra Kasar	NextGen Digital Solutions, Mumbai	3.20
3	Prashant Ravindra Mahajan	Nik Enterprises, Jalgaon	3.00
4	Namrata Kailas Dod	Ratanlal C Bafna Jewellers, Jalgaon	3.04
5	Tushar Bhagwan Shirude	Infosys	5.00
6	Rahul Ravindra Patil	DXC Technology	5.00
7	Gaurav Yuvaraj Patil	Teck It Easy Solution	3.00
8	Dipti Dhanraj Jadhav	Baker Hughes	6.20
9	Deeba Shaikh	Passion Software Solution	3.12
10	Ritesh A. Shingote	Passion Software Solution	3.12
11	Rushikesh G. Bhavsar	Passion Software Solution	3.12
12	Uday Patil	Eaglebyte Nasik	3.24



# Student Achievements



The CSE team 1<sup>st</sup> prize at the National-level Hackathon at Jai Bharath College of Management & Engineering Technology in Perumbavoor, Kerala



Felicitating the students of MBA: Suyash Patil, Sakshi Jaiswani & Ganesh Patil along with Prof. Tanmay Bhale for Registering Copyright



Nachiket Thakur (CSE), selected in BCCI's Vizzy Trophy. Palyed in the Ranji Trophy



College Basketball team secured 1<sup>st</sup> position in inter collegiate tournament



Gold Medallist students at the 2<sup>nd</sup> Graduation Ceremony



Mohit Sonawane (Mechanical Engineering) has got selected as a participant for the State-level India Skill Competition 2024 in the field of additive manufacturing (3D Printing)



### Gold Medalist Students

Programe	Name of Students	PRN Numbers	Passing Year	CGPA	Merit
MBA	Patil Nikhil Kiran	2021100101010512	Summer 2022-23	9.73	I
MMS	Shefali Namdeo Mandhan	2021100101010993	Summer 2022-23	9.02	I
MCA	Kankariya Aachal Sanjay	2021100101010581	Summer 2022-23	9.88	I
BBA	Mali Kanchan Bhaskar	2020100101010175	Summer 2022-23	9.38	I
BCA	Patil Mamata Bhausaheb	2020100101010275	Summer 2022-23	9.47	I
BE (CSE)	Ghuge Madhuri Dnyaneshwar	2020100101010542	Summer 2022-23	9.82	I
BE (IT)	Sayyed Shah Nawaz Aminuddin	2019015400161094	Summer 2022-23	9.82	I
BE (ME)	Saini Dipak Mahavir	2020100101010671	Summer 2022-23	9.37	I
BE (CE)	Patil Kartik Mahesh	2020100101010493	Summer 2022-23	9.54	I
BE (EE)	Roy Shubham Susanta	2020100101010605	Summer 2022-23	9.77	I
BE (E&TC)	Surve Pallavi Pradip	2020100101010609	Summer 2022-23	8.76	I

### Silver Medalist Students

Programe	Name of Students	PRN Numbers	Passing Year	CGPA	Merit
MBA	Yash Jagdish Laddha	2021100101010511	Summer 2022-23	9.55	II
MCA	Vrushali Rakesh Bedmutha	2021100101010531	Summer 2022-23	9.29	II
BBA	Gunjan Dilip Ramchandani	2020100101010164	Summer 2022-23	9.27	II
BCA	Mohini Manohar Chinchore	2020100101010153	Summer 2022-23	9.18	II
BCA	Prajakta Bharat Thorat	2020100101010253	Summer 2022-23	9.18	II
BE (CSE)	Hardik Prafulkumar Jain	2020100101010548	Summer 2022-23	9.64	II
BE (IT)	Divya Bhaskarao Cahtte	2020100101010617	Summer 2022-23	9.41	II
BE (ME)	Bhushan K. Khambayat	2020100101010649	Summer 2022-23	9.04	II
BE (CE)	Nayana Sanjay Bhople	2020100101010490	Summer 2022-23	9.51	II
BE (EE)	Harshada Devidas Sapkale	2020100101010575	Summer 2022-23	9.62	II
BE (E&TC)	Vaishnavi Pramod Kasar	2020100101010608	Summer 2022-23	8.46	II



### FINANCIAL AID

The institution has a tie-up with financial firms providing education loan to students.

**Eligibility :** Students enrolled through CAP process, Against CAP process or other quotas are eligible to avail the financial aid facility.

### SCHOLARSHIPS

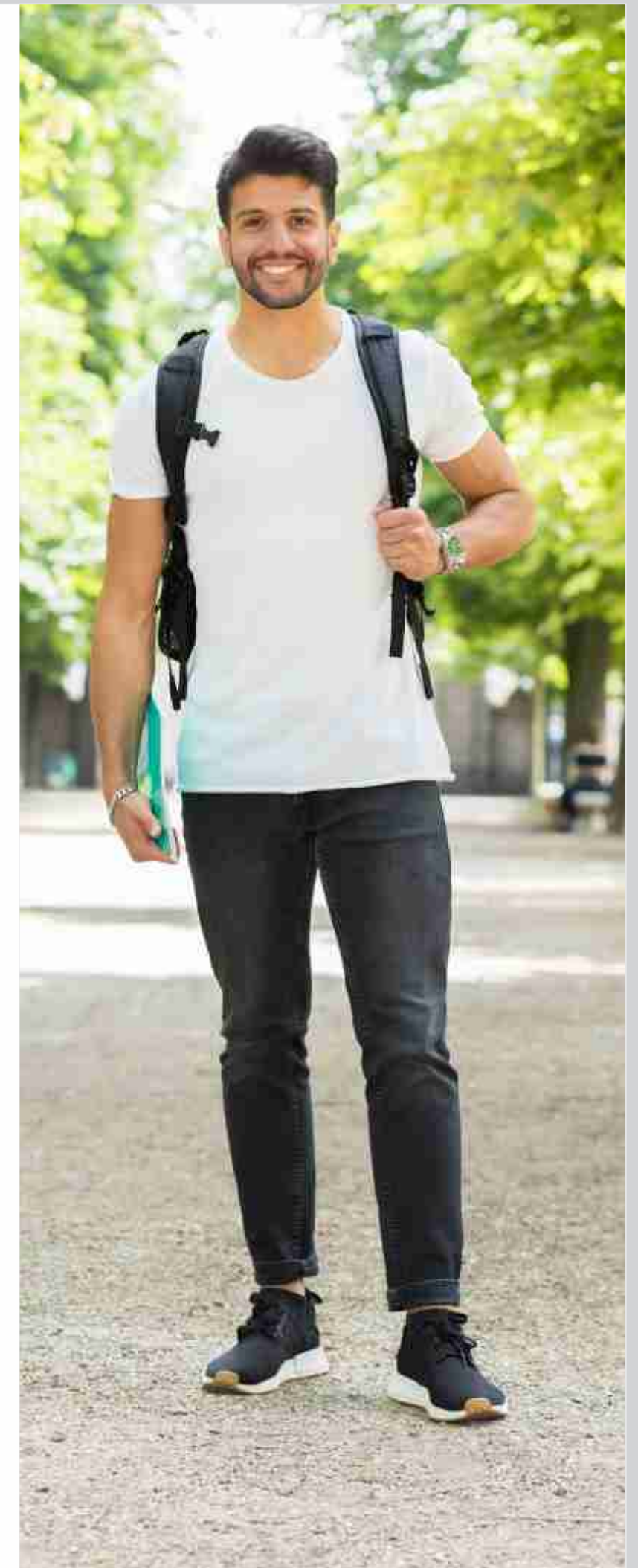
All scholarships sanctioned by government can be availed by the students on fulfilment of its respective eligibility criteria.

- NEC Merit Scholarship
- AICTE's Saksham Scholarship Scheme
- AICTE's Pragati Scholarship Scheme for Girl students

and all other scholarships mentioned on National Scholarships Portal (NSP) can be availed by the students.

#### Institute-level Scholarship & Concessions

- Meritorious scholarship
- Concession to wards and siblings admitted in colleges of Raisoni Education
- Concession to students studying in colleges of Raisoni Education
- Sports and disability scholarship





# Beyond Academics

## ALUMNI CELL

**Total Number of Alumni: 7649**

**Alumni Locations:** The Alumni of the institution are working with Top Notch Companies in various sectors. They are working at various locations namely Mumbai Pune Chennai Bengluru Hyderabad Delhi and other major cities in India. The Alumni are also working in countries viz. Canada USA Germany UK UAE and other parts of the world.

The Alumni Cell of the institution conducts various activities to strengthen the Institute- Alumni Connect

- NOSTALGIA- Alumni Reunion
- Career Guidance and Mentorship by Alumni
- Alumni Coffee Cup Meet
- Training session by Alumni
- Alumni Guest lectures
- Placement Assistance by Alumni



Alumni Meet, NOSTALGIA - 2023



Felicitation of Kunal Patil (MBA) for being selected in Defence Research & Development Organization (DRDO)



Felicitation Karan Patil (MBA) for being selected in Mineral Exploration & Consultancy Ltd. (MECL)



Alumnus Amit Jain conducting Training Program

# CSR Initiatives

It serves as a bridge between the academic community and society facilitating initiatives that address pressing social and environmental challenges. Through strategic partnerships with corporations NGOs and government agencies we engage in diverse projects ranging from community development and environmental sustainability to education and healthcare.

## Activities Conducted

- ✓ Tree Plantation
- ✓ Samarapan
- ✓ Blood Donation Program
- ✓ Gauseva
- ✓ Cleanliness Drive



Blood Donation Camp organized by the CSR Cell



Blood Donation Camp



Cleanliness drive organized by CSR Cell



SAMARPAN - Clothes Donation Camp



Meharun Clean



Water Bottle Donation Camp





**Mr Suyash Patil**  
MBA

I have completed BBA from GHRIEBM, Jalgaon. After experiencing the best learning environment, excellent facilities, opportunities for personal growth and beyond classroom activities in the three years of graduation, I was eager to continue my Post Graduation i.e. MBA from this very institute. Today I firmly believe that my decision was right and I am stepping towards a bright career ahead.



**Ms Tejaswini Jaiswal**  
MBA

I am glad to share that I got placed in Paarsh Infotech Pvt. Ltd. while pursuing MBA II year. The T&P cell of our institution provides excellent training programs and ample of placement opportunities. Workshops of resume writing, mock GD & PI sessions and other training programs of employability skills instill confidence to face the placement drives. Proud to be a Raisonian !!



**Neeraj Sheth**  
MBA (FMB)

As a student pursuing MBA in Family Managed Business, I can confidently say that this program has exceeded my expectations in every aspect. Beyond the classroom, the program offers ample opportunities for experiential learning through internships, consultancy projects, and networking events. These hands-on experiences have enabled me to apply theoretical concepts to real-world scenarios, thereby enhancing my ability to make rational decisions and drive meaningful change within my family business.



**Deepti Jadhav**  
MCA

I Have a wonderful time at MCA GHRCEM Jalgaon. My classes were engaging, my teachers genuinely cared about my success, and I made wonderful friends. There were many events and activities to participate in, making campus life enjoyable.

All things considered, GHRCEM Jalgaon greatly aided in my personal development. Because of all that I've learned here, I feel prepared for whatever comes next. I'm appreciative of everyone who supported me along my journey.

# Student Testimonials



**Niraj Zambre**  
AI & ML

The institute's infrastructure is very good it has all the facilities like wifi enabled computer labs with the latest specifications. The faculties here are very qualified and experienced. It's a great place for you to develop and boost your career. Students can participate in various activities at college as well as intercollege level.



**Prerna Negi**  
BCA

Studying at BCA GHRCEM Jalgaon has been excellent. I've made some amazing friends here, the classes are engaging, and the lecturers are helpful. It's never boring since there's always something going on, whether it's clubs, sports, or events. I've learned new things and have grown as a person being a student here. I'm really happy I choose GHRCEM and would suggest it to anyone searching for a reputable university.



**Gautam Pande**  
BBA

As a dedicated BBA student and an active member of the Student Council, I can wholeheartedly attest to the transformative power of both academic and extracurricular experiences within our institution. Whether organizing events to promote student welfare, facilitating communication between faculty and students, or spearheading initiatives for academic enhancement, serving on the Council has been a privilege that has enriched my college experience in countless ways. Through my involvement in both academic and extracurricular activities, I have developed invaluable interpersonal skills, learned to collaborate effectively with diverse teams, and gained insights into the intricacies of organizational management.



**Om Chaudhari**  
Electrical

The depth of knowledge imparted by their esteemed faculty, coupled with hands-on learning opportunities, has truly shaped my understanding of engineering principles. The institute's state-of-the-art facilities and industry connections provided me with a platform to explore and innovate, preparing me for real-world challenges. I'm grateful for the mentorship and support I received throughout my journey, equipping me with the skills and confidence to excel in the field of engineering. Our institution is not just a place of learning; it's a community that fosters growth, creativity, and success."



**Manish Chaudhari**  
BCA

It's been an incredible experience to study at BCA GHRIEBM Jalgaon. The teachers genuinely care about our achievement and are very helpful. Even amid difficult times, I was always made to feel welcome. There's so much to learn, and the classes are fascinating.

The community is what I adore most. With all of the groups and events on campus, I've met many of wonderful people and had a terrific time. There's always something happening, and getting involved isn't hard. With the help of BCA GHRIEBM Jalgaon, I feel prepared for whatever lies ahead. I am appreciative of the folks who have supported me along the way and for everything I have learned here. I'm certain that I will always cherish these recollections.

## Admission Procedure

In accordance with the rules and procedures laid down in the Information Brochure for Undergraduate and Postgraduate Technical Courses (Academic Year 2025–26), issued by the Maharashtra State Common Entrance Test Cell.

### For more details visit to :

- State Common Entrance Test Cell, Maharashtra State, <https://cetcell.mahacet.org>
- Directorate of Technical Education, Maharashtra State, <https://dte.maharashtra.gov.in>
- College Website [www.ghrcemj.raisoni.net](http://www.ghrcemj.raisoni.net)

## Institutional Quota & Probable Vacancies after the CAP Round (ACAP)

- Admissions under Institutional Quota and vacant seats (after CAP Rounds) are conducted by the institute as per the rules Prescribed by the Competent Authority.
- Admission is strictly based on Inter-Se-Merit of applicants verified by the Competent Authority and the Institution.
- A transparent admission process is followed in line with DTE/CET Cell norms for A.Y. 2025-2026.
- The institute will publish a detailed admission schedule, seat availability, and related guidelines on its official website. [www.ghrcemj.raisoni.net](http://www.ghrcemj.raisoni.net)
- Applications will be accepted till the final CAP Round allotment date or the date decided by the institute, as published on the college website or in the newspaper, if required.
- Candidates must fulfill the eligibility criteria specified by the Government, as per DTE/CET Cell norms for A.Y. 2025-2026, to apply.
- A merit list will be prepared and displayed on the institute’s notice board and website after document verification. The detailed schedule for admission and reporting will also be published on the above-mentioned platforms.
- Candidates are advised to visit the college website regularly for updates.
- Candidates unable to apply directly to the institution may submit their applications through the Competent Authority’s portal before the final CAP Round.
- As per the rules, preference will be given to Maharashtra State Candidates over All India Candidates during the admission process.

### Contact for Admission :

- **Prof. Rafik Shaikh** : 9823337862
- **Dr. Sudhir Hate** : 9689002418
- **Prof. Tanmay Bhale** : 9657724083
- **Prof. Amol Joshi** : 9970231434
- **Dr. Saurabh Naik** : 9421715133
- **Prof. Wasim Patel** : 9604041724

# Raison Education

### NAGPUR

- G H Raison College of Engineering
- G H Raison College of Engineering & Management
- G H Raison College of Business Management, Khaperkheda
- G H Raison College of Arts Commerce, and Science
- G H Raison College of Business Management, Madhav Nagari
- G H Raison College of Law
- G H Raison College of Life Sciences
- Sadabai Raison Women’s College
- G H Raison Junior College
- G H Raison Public School (CBSE)
- G H Raison Public School & Jr. College (State)

### PUNE

- G H Raison College of Engineering & Management
- G H Raison College of Arts, Commerce & Science
- G H Raison Junior College (State)
- G H Raison Public School (CBSE)

### JALGAON

- G H Raison College of Engineering & Management
- G H Raison Junior College (State)
- G H Raison Public School (CBSE)

### BHANDARA

- G H Raison Public School



# Our Universities

### G H RAISONI UNIVERSITY, SAIKHEDA

- School of Engineering & Technology
- School of Commerce & Management
- School of Sciences
- School of Law
- School of Agricultural Sciences
- School of Pharmacy
- School of Nursing
- School of Paramedical Sciences
- School of Liberal Arts

### G H RAISONI UNIVERSITY, AMRAVATI

- School of Engineering & Technology
- School of Management Studies
- School of Hotel Management & Catering Technology
- School of Law
- School of Sciences
- School of Pharmacy
- School of Media Studies

### G H RAISONI INTERNATIONAL SKILL TECH UNIVERSITY, PUNE

- School of Engineering & Technology
- School of Management
- School of Sciences
- School of Skills and Development

### G H RAISONI SKILL TECH UNIVERSITY, NAGPUR

- School of Engineering & Technology
- School of Commerce & Management
- School of Sciences
- School of Hotel Management & Catering Technology



