



## Frequently Asked Questions (FAQs)

### Affiliation and Accreditation

➤ **What is the affiliation & approval status of the college?**

G. H. Rasoni College of Engineering is an Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

It is approved and recognized by All India Council for Technical Education (AICTE), India & Directorate of Technical Education (DTE) Government of Maharashtra.

➤ **What is the accreditation status of college?**

- The college has ranked 67<sup>th</sup> in PAN India in Engineering discipline declared by National Institutional Ranking Framework of Ministry of Human Resource & Development, Government of India in 2017.
- The college has NAAC accreditation with highest 'A+' Grade. (3.51 on the scale of 4 ) only in Maharashtra.
- All UG & PG programs are duly Accredited & Re-Accredited by National Board of Accreditation (NBA) in tier-I under Washington Accord.
- The institute has received prestigious World Bank Assistance project under TEQIP-I & TEQIP-II

➤ **What is the advantage of NBA accreditation?**

NBA accreditation under Tier-I makes the degrees equivalent to 17 signatory countries under Washington accord. The pass out students of accredited college can get professional licensure in other countries.

➤ **What is the difference between Autonomous institute & Deemed University?**

Degree of an autonomous institute is awarded by affiliated university. The autonomous institute has academic autonomy to design its own curriculum and to conduct own examination. Deemed university is itself an university which has its own course structure and authority to award the degrees to students.

### Admission process

➤ **On what basis admission is given OR what is the Eligibility criterion for Admission?**

Student should have Passed HSC or its equivalent 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 required percentage of marks (as notified by the Government from time to time) in the above subjects taken together; obtained score in MHT-CET 2018/JEE(Main) 2018 Paper I. Please refer the following link for more details.

[http://ghrce.raisoni.net/admission\\_UG.php](http://ghrce.raisoni.net/admission_UG.php)

➤ **What are the documents required for admission?**

Documents required for admission under CAP are as below:

**Submit following documents with Admission Form (original + Two set photocopy):**

Common Documents (CAP / Minority / ILQ)			Exclusively for CAP / Minority		
1	S.S.C. (Std. X) Mark sheet		27	Caste Certificate	
2	H.S.S.C. Mark sheet		28	Non-Creamy Layer Certificate	
3	S.S.C. Passing Certificate		29	Caste Validity / Proforma-H	
4	H.S.S.C. Passing Certificate		30	Income Certificate	
5	Diploma all Marksheets (Direct Second Year)		31	Proforma-O (Only for Hindi Minority Students)	
6	Diploma / ITI Certificate		32	DTE allotment letter from ARC	
7	Under Graduation all Marksheets (PG)		33	Seat Confirmation letter from ARC	
8	Degree Certificate / Provisional UG Degree (PG)		34	PAN Card Photocopy (if any)	
9	Leaving certificate		35	Aadhar Card Photocopy	
10	Nationality Certificate (if not mentioned in Leaving Certificate)		36	Bank Passbook Photocopy (Aadhar linked A/C Number)	
11	Domicile certificate (for MS candidate)		37	Parent's Domicile (if applicable)	
12	DTE Registration Letter (FC letter)		38	Birth Certificate of student	
13	Entrance Exam Scorecard (MHT-CET / JEE / GATE / MAT / GMAT / CAT / ATMA / CMAT / XAT)		39	Any other document mentioned as per DTE / Social Welfare Office	
14	Enrollment form		<b>Along with CAP / Minority following documents required for students who want to avail Scholarship / Freeship / EBC</b>		
15	Migration Certificate (if applicable)				
16	Eligibility Certificate (if applicable)				
17	Gap Certificate (if applicable)		40	CAP Admission Confirmation Letter	
18	Defence Certificate / PH Certificate		41	Ration Card (Maharashtra)	
19	Voter ID (if any) / Voter ID form		42	Form 16 (if applicable) / Rs. 100 stamp paper affidavit for income	
20	Sponsorship Certificate (Only M. Tech)		43	Aadhar Link Proof	
21	Alumini Consent Letter		44	Father's Aadhar Card	
22	Self-Declaration for Self-Attestation		45	Mother's Aadhar Card	
23	Discipline and Conduct Rules				
24	Industry Undertaking				
25	Undertaking for Freeship / Scholarship (only to be filled by candidates taking admission under CAP & applying for Freeship / scholarship)				
26	UGC Anti Ragging Form ( <a href="http://www.amanmovement.org/">http://www.amanmovement.org/</a> )				

For more details please visit:

<http://ghrce.raisoni.net/admission18/Documents Required UG & PG.pdf>

➤ **Are online application forms available on website?**

Yes, online admission request form (ARF) is available. For e-prospectus/e-brochure, please refer the link ,

Admission Link: <http://ghrce.raisoni.net/admission1.php>

e-prospectus Link: <http://ghrce.raisoni.net/GHRCEPROSPECTUS.pdf>

➤ **On what basis will the Merit list be prepared?**

Merit list is prepared on the basis MHTCET/JEE(Main) Score as per the notification of Director of Technical Education, Maharashtra State, Mumbai

➤ **What is the admission process in this college? What is the process of admission through management and through JEE? What is the difference between the processes?**

CAP round is conducted by DTE for 51% minority seats & 29 % general seats. The fees as per Shikshan Shulka Samiti.

➤ **What is the eligibility criterion for Minority admissions?**

All eligible candidates whose mother tongue is Hindi and domicile of Maharashtra state are eligible for minority quota.

➤ **What is the schedule of Institute Level admissions?**

Schedule and notification for Institute Level admissions will be displayed on our college website [http://ghrce.raisoni.net/admission\\_UG.php](http://ghrce.raisoni.net/admission_UG.php).

➤ **Which additional document is required for Minority quota?**

Proforma 'O' as prescribed by DTE notification and verified at Facilitation Centers.

➤ **Where is your College located?**

GHRCE is situated in congenial natural surroundings, 16 km away from main Railway Station. The campus provides ideal atmosphere for academic pursuit, concentrated studies and research. Being in the centre of India, Nagpur has easy connectivity with other part of the Country by Air, Rail & Road.

Address: G. H. Raison College of Engineering, C.R.P.F. Gate No. 3, Digdoh Hills, Hingna Road, Nagpur – 440 016.

➤ **What is the year of Establishment of your College?**

The Institute is established in the year 1996.

➤ **Do you have relative grading or absolute grading system?**

College has adopted relative grading system.

➤ **Is there Educational bank loan facility available in your college?**

Yes, it is available.

➤ **What is the mode of payment for paying admission fee?**

College accepts Cash / NEFT/ Credit card / Demand draft in favor of Director, G. H. Raison college of Engineering payable at Nagpur.

➤ **Is there any special certificate that needs to be submitted in case of XII CBSE passed applicants?**

Yes, they have to submit migration certificate & university will issue eligibility certificate.

➤ **From where will candidates get Eligibility Certificate?**

They will get it from college after submitting Eligibility form to students section after conforming for admission.

➤ **I am an OMS student. In which Quota can I apply?**

You can apply for Institute Level Quota provided the Eligibility criterion is fulfilled.

➤ **Is Branch change allowed in Second Year?**

Yes, as per the rules of Directorate of technical Education and subject to condition of availability of seats.

➤ **From where I can get the Eligibility Certificate?**

Eligibility Certificate of Rashtrasant Tukdoji Maharaj Nagpur University can be obtained from Student Section of our College.

## **CAP Admission process**

➤ **Can I go for CAP round-2, if I confirm admission in CAP round-1 in GHRCE?**

Candidate has to confirm the admission by reporting at Admission Reporting Centers as per DTE list and they can freeze the admission if they do not want to opt for further CAP rounds. Also candidate can Float their admission if he wants to opt for CAP round 2 or Slide if they want to go for CAP round 2 for better branch in the same college.

➤ **Can I go for CAP round-3, if I confirm admission in CAP round-2 in GHRCE?**

If candidate has confirm the admission at ARC and kept Float or Slide then candidate can go for CAP round 3.

➤ **At present I do not have Caste Validity Certificate, Can I get the admission?**

Yes, you can get the admission but you have to give the undertaking in Prescribed Proforma-H on 100 Rs. Stamp Paper mentioning that you will submit the same before deadline of DTE.

➤ **I do not have Nationality Certificate, can I get admission now?**

You have to submit the Proforma-I for the submission of Nationality Certificate latter if it is not mentioned in your Leaving Certificate or Passport.

## **Fees, Scholarship rules**

➤ **What are the admission fees?**

College fee for 1st Year is Rs. 123239/- for direct second year Rs. 116365/- and for M.Tech/ME is Rs. 90580/-

➤ **Do you provide any kind of Scholarship to bright students who face financial crisis (for open category)? Do you have any facilities of scholarship for poor students? what about fees and scholarship for non-creamy layer category ?**

We provide Peer teaching scheme, Topper's Award to meritorious students. Scholarship for reserved or non-creamy layer category is as per government rule.

➤ **I am from Open Category, from where can I get financial help?**

For financial weaker students from open category TFWS (Tuition Fee waiver Scheme) is available. Educational loan facility also available.

➤ **Will I get the Government Free ship / Scholarship?**

You have to apply for the Government Free ship / Scholarship (as applicable) within 8 days from the date of admission along with the original documents like Caste Certificate, Caste validity Certificate, Parents' Income Certificate and Non-Creamy Layer Certificate (if applicable) and any other document required by the concerned Social Justice and Tribunal Welfare Department.

Type of concessions available -

- Scholarship ( Govt. of India)
- Freeship (Govt. of Maharashtra)
- EBC concession (Govt. of Maharashtra)
- STC-Secondary Teacher wards\_concession (Govt. of Maharashtra)
- Maharashtra State Minority (Govt. of Maharashtra)
- Central Minority (Merit Cum Means Minority) ( Govt. of India)
- Central Sector Scholarship (Govt. of Maharashtra)
- Dr. Babasaheb Ambedkar Swadhar Yojana (Govt. of Maharashtra)
- Dr. Panjabrao Deshmukh Hostel Maintenance (Govt. of Maharashtra), only for open category students

For more details please visit, <http://ghrce.raisoni.net/scholarships.php>

**Note: If students admission is through CAP is eligible for Gov. Scholarship. Students admitted under Institute Level quota cannot avail this benefit.**

- **I am in OBC category, how much fees I have to pay?**

If you have all documents claiming your category & non creamy layer certificate, you have to pay 50% of fees at the time of admission.

## Branch selection

- **Tell me about electronics and Telecommunication in detail? What is the scope of Electronics and Telecommunication engineering?**

Electronics and Tele-Communication Engineering branch deals with analog and digital transmission & reception of data, voice and video, basic electronics, solid state devices, microprocessors, digital and analog communication, analog integrated circuits, satellite communication, microwave engineering, antennae and wave progression. It also deals with the manufacturing of electronic devices, circuits, and communications equipment like transmitter, receiver, integrated circuits, microwaves, and fiber among others. It aims to deepen the knowledge and skills of them in their professional work involving analysis, systems implementation, operation, production, and maintenance of the various applications in the field of Electronics and Communication Engineering. After completion of the course, the ETC engineers can get job in Mobile and telecom companies, government agencies like ISRO etc.

- **Tell me about Electronics engineering in detail? What is the scope of Electronics engineering?**

An Electronics Engineer's career path can lead to a broad range of Electronics Jobs in different specialties in various industries. Electronics engineering prepare a student to design, build, research and test electronic circuits and components used in hi-tech devices so, prominent in today's society. Although rising demand for electronic products including communication equipments, medical electronics and consumer products continues to increase.

### **Computer Science and Engineering**

Due to the rapid growth of information technology, computer industry has become one of the fastest growing segments of our economy. As a result, there exist a huge demand of computer engineering professionals for the development of faster hardware components, new communication system and software. Computer Engineering involves designing and testing of computer components.

### **Information Technology**

IT is the area of managing technology and spans wide variety of areas that include computer software, information systems, computer hardware, programming languages but are not limited to things such as processes, and data constructs. IT professionals perform a variety of functions (IT) Disciplines / Competencies) that range from installing applications to designing complex computer networks and information databases. A few of the duties that IT professionals perform may include data management, networking, engineering computer hardware, database and software design, as well as management and administration of entire systems.

### **Electrical Engineering**

Electrical Engineering is a broad field of engineering which deals with the Science and Technology involving electricity, electronics, and electromagnetism, to design, construct, and maintain products, services, and information systems. Electrical engineering is the historical name for what is now called electrical, electronics, and computer engineering. There well as in other developed countries across the world. Electrical Engineering is an exploding field. Job prospects for electrical engineers are quite good. Electrical engineers are required to develop, design, manufacture, test, evaluate, market, sell and manage electrical and electronic systems.



## **Civil Engineering**

Considered as one of the oldest engineering disciplines, Civil Engineering involves planning, designing and executing structural works. The profession deals with a wide variety of engineering tasks including designing, supervision and construction activities of public works like roads, bridges, tunnels, buildings, airports, dams, water works, sewage systems, ports etc. and offers a multitude of challenging career opportunities. Students spend sixth months in industries of repute across the nation and learn state of art knowledge in the various field of civil engineering like new construction technologies; new materials etc. The field experience is aimed at developing professional proficiencies of a graduating engineer.

## **Mechanical Engineering**

Mechanical engineering, the broadest of all Engineering disciplines deals with design and production of tools, machines and all other mechanical equipments to be used in industries. The industry offers a wide choice of options extending across many interdisciplinary interdependent specialties. Mechanical engineering is concerned with all types of machinery in industries and all aspects of functioning; the design, development, construction, production, installation, operation and maintenance

### ➤ **What is difference between Mechanical and Automobile Engineering?**

Mechanical Engineering is a vast field while Automobile Engineering is specific field. Mechanical engineering is a division of Engineering that deals with the mechanics of physics and science to analyze, manufacture and design mechanical systems. Automobile Engineering is the division of Vehicle Engineering. It utilizes safety, mechanical, software and electronic engineering to produce, design and operate automobiles and trucks in addition to motorcycles.

### ➤ **Which branch to Choose?**

All branches are good. You need to work in multidisciplinary manner in order to gain detailed technical knowledge. Application of knowledge is important.

### ➤ **What is a difference between computer Engineering & software Engineering?**

Both the branches are same.

### ➤ **Do you teach advanced courses like Machine Learning?**

Yes, related courses are available in curriculum and apart from this regular workshops on machine learning and AI(Artificial Intelligence) are organized for students. Experienced Industry persons train the students by conducting hands on practice during this workshop.

### ➤ **As this generation is going toward robotics please elaborate about Robotics and which department is most linked to it.**

Robotics is an interdisciplinary area wherein hardware as well as software knowledge is required. Worldwide state of art work has been carried out in the field of Robotics. Many renowned universities worked on application of Robotics. Based on application of Robotics the branches vary like Mechanical engineering, Electrical engineering, Electronics engineering and Computer science and Engineering.

### ➤ **Which are the rarest picked branches with good scope? What is better to opt whether ETC or IT?**

All the branches are equally important; your approach should be interdisciplinary.

### ➤ **I want to become an electrical Engineering. Then what should I do for becoming a successful electrical engineering**

In order to become successful electrical engineer one should select good project, good company for six month internship. Students should register for skill enhancement courses, short term training programs. Students must be technically sound.

- **Which field has more scope in present as well as in future? Is electrical engineering a good field to make Future?**  
All the fields and branches have scope and job prospects. Yes, it is a good field to make career.
- **What is the difference between Electronics & Electronics & telecommunication, which branch has maximum scope, which branch would be excellent for girls?**  
Both the fields have same contents and job prospects. Both are good for girls.
- **Which is the best branch for girls?**  
Every branch is good for girls.
- **Which branches have more demand and placement?**  
Any branch of engineering is equally important and has equal scope but the trend of placement may change as per the industry requirement.
- **To get any interdisciplinary transfer like Mechatronics or Biotechnology do I need to get a Degree in both the disciplines?**  
No, Mechatronics and Biotechnology are totally different branches. Either you will get degree in Mechatronics or Biotechnology.
- **Is Civil a preferable branch, if yes then why?**  
Yes, the scope of civil engineering is tremendous due to large infrastructure developmental activities and future expansion in the sectors such as highways, buildings, bridges, flyover and smart cities etc.
- **I am interested in Computer, but I also like the electronics devices. So what can I do?**  
If you have interest in electronic devices, then you can opt for Electronics Engineering or Electronics & Telecommunication Engineering.
- **I want to become a mechanical engineer but I don't know what should I do after that?**  
During your graduation process, you will learn lot of subjects in mechanical engineering, complete industry internship, and do industry case study and many skill oriented courses. These will definitely help you to acquire skills and competencies on the basis of which you will be able to find your career.
- **Why basic physics is more important than applied physics?**  
Basic Physics provide strong fundamental & in depth knowledge to students and is a Mother branch. Applied physics is related to application of Basic physics in day to day life.
- **Is it possible to change stream in 1<sup>st</sup> year from B. Architecture to B. tech?**  
Every branch is good.

## Professional Development

- **What is IEEE?**  
IEEE stands for the "Institute of Electrical and Electronics Engineers". The association is chartered under this full legal name. IEEE's membership has been composed of engineers and scientists. Allied professionals who are members include computer scientists, software developers, information technology professionals, physicists, and medical doctors, in addition to IEEE's electrical and electronics engineering core. Our institute has student branch of IEEE.
- **What is CTS?**  
GHRCE has signed MOU with VJTI, Mumbai, COE Pune & IIT Gandhinagar for credit transfer scheme. Under CTS students are registering for one complete semester at these institutes and



learning the subjects offered. This year two students did their semester in COEP Pune and Godrej & Boyce.

➤ **What do today's company want (a person with Autonomous Degree or a University Degree)**

Now a days, company wants student, as a complete package having multi skills, general proficiency like good communication skills & good technical knowledge which is fulfilled by an autonomous college student.

➤ **Can you teach only one foreign language? Why not more than one?**

We offer 3/ 4 foreign languages and students generally opt for one but if you are interested you may opt for more than one.

➤ **How an average student can become good engineer or creative engineer?**

If you have keen interest in developing technical skills and willing to make your career in engineering you should go for autonomous college where you will get creative and activity based learning which will make you creative and competent engineer.

➤ **The energy & interest of students becomes very low till he reaches final year. How to overcome this problem?**

Generally energy and interest of students increase as they progress toward final year. Hence more seminar, project works, case studies & internship are added to create interest and channelize their energy.

## Campus Placement

➤ **How many companies are visiting to GHRCE for placement? How many campus interviews are held in the college & which are the companies involved?**

Every year more than 100 companies visited campus for recruitment. This year Capgemini, IBM, TCS, Godrej and Boyce, Marvel Semiconductor, Cummins, ByJus, Persistent systems,, Amazon, KONE, Adani, Polaris, BOSCH etc have visited for campus recruitment.

➤ **Which course should I choose so that I may get better Job opportunities, especially government job?**

Any engineering graduate is eligible for Government jobs. To name few like Indian Engineering Services, UPSC, MPSC, State Government Utilities like MSEDCL, MSETCL, MAHAGENCO, PWD, Irrigation Department, ISRO, BARC, DRDO, Indian Oil, NTPC, Indian Army, Indian Air Force, Indian Navy, BHEL, etc.

➤ **How is your college giving education to improve the entrepreneurship in young students to develop the job oriented skills?**

G. H. Rasoni College of Engineering has created an ecosystem conducive to Entrepreneurship and Innovation through many initiatives like subject of EDP in curriculum, IEDC Projects, Seed money for Projects and product development, Organization of innovation competitions like Best Innovation Awards and B Plan events like R-Idea etc. Regular Entrepreneurship Development programs are organized in association with MCED, MSME etc. Cash incentives of Rs. 30,000 are given for filing patents in addition to cost of filing patent.

➤ **I want to know about campus selection process. Can you give us 100% placement?**

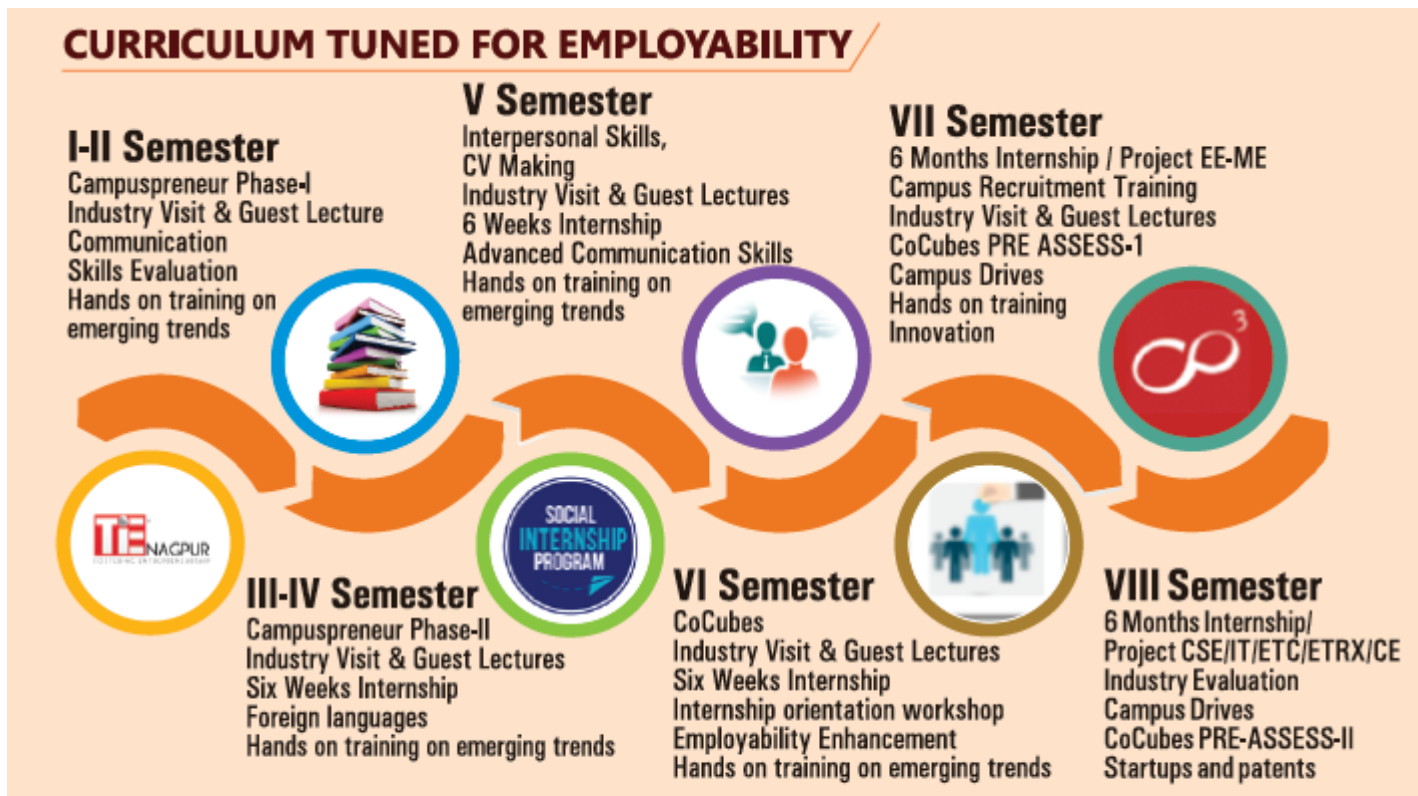
We have signed special MOUs with companies like **AON, Hewitt, Cocubes**, for assessment of students. Also CRT program is organized by professional agencies from Bangalore, like FACE, ETHNUS, etc. This includes Verbal Reasoning, Quantitative Aptitude, Logical Reasoning, etc.

Apart from this, employability skill program is organized which focuses on Resume writing, Video resume, Linked in Account, Essay writing, etc.

➤ **What all qualities are required to get into or to get placed in a good MNC'S?**

Following qualities are required:

1. Communication Skill
2. Professional Skill, which includes skills learnt in 4 years of engineering skills, projects, etc.
3. Core Employability Skills, which includes honesty, sincerity, team work



## Other facilities

### ➤ What are the other facilities of your college?

Following are some of the unique salient features of GHRCE:

<ul style="list-style-type: none"> <li>• Credit based System</li> <li>• One unit in most of the syllabus is on latest trends</li> <li>• Compulsory 6 months Industry Internships.</li> <li>• Industrial training/Internship compulsory</li> <li>• Projects-in the syllabus of each year</li> <li>• More hands on practice</li> <li>• Open ended experiments</li> <li>• Soft Skills</li> <li>• Employment Enhancement training</li> <li>• Communication skills</li> <li>• Foreign Languages</li> </ul>	<ul style="list-style-type: none"> <li>• Self study based on ICT</li> <li>• CRT Workshops for students to enhance employability</li> <li>• Two week social internship</li> <li>• More electives with prerequisites</li> <li>• Value added courses</li> <li>• Mini Modeling,</li> <li>• General Proficiency.</li> <li>• Credit Transfer Scheme with COEP Pune and VJTI Mumbai</li> <li>• Choice Based Credit System (CBCS)</li> <li>• Learner Centric System</li> <li>• Online examinations for some courses</li> </ul>	<ul style="list-style-type: none"> <li>• Remedial classes for academically weak students,</li> <li>• TAE component has focus on all the aspects Extended laboratory, Library and Cyber lab hours Industry Funded laboratories. Modernized Library Faculties with National and International</li> </ul>
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### ➤ What is the timing of the college?

Timing of college for first year is from 8.30 am to 4.30 pm.

### ➤ Is there any Hostel facility available for Boys?

Yes, we own two Boys' hostels in the Campus.

### ➤ Is there any Hostel facility available for Girls?

Yes, we own two Girls' hostels near the College Campus with the capacity of 250 students having free transport facility.

### ➤ Is there any Transport facility available in your College?

Yes, Bus facility is available from all the corners of the city.

### ➤ Is there any Internet facility is available in your college?

Yes, we have a Wi-Fi campus having 24X7 internet facilities.

### ➤ Do you pay special attention to weaker students?

Yes, we conduct Remedial Classes for academically weaker students and for students who have joined college late.

### ➤ Do you pay special attention to counsel the students?

Yes, we have Full Time Psychological Counselor available in the College Campus. Also there are teacher guardian and class teacher who pay special attention and provide counseling to the students at every step.

### ➤ Does college have medical care facility?

Yes, College has a full time doctor and ambulance in the campus.

### ➤ Does college have student's insurance policy?

Yes, college has group students' medical insurance policy as suggested/ recommended by DTE, Maharashtra.

### ➤ Do you pay special attention to weak students?

Yes. We conduct Remedial Classes for weak students.