

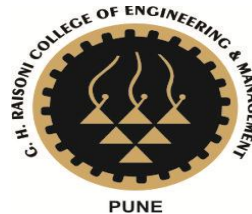
Information Brochure

Post Graduate (PG) Courses in Engineering and Technology (M.Tech)

(2017-18)



DTE Institute Code: 6155



**G.H.Raisoni College of Engineering and Management,
(An Autonomous Institute Affiliated to Savitribai Phule Pune University)**

Gat No.1200, Domkhel Road, Wagholi, Pune – 412 207

Contact No: 8378992641, 7774038444

E-mail: ghrcem.pune@raisoni.net, director_ghrcemp@raisoni.net

Website: www.ghrcem.raisoni.net

Engineering

Management

Law

Schools

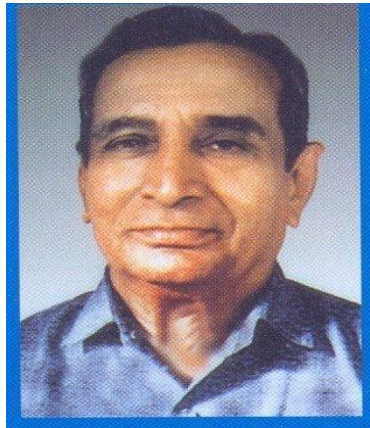
Other Courses

■ NAGPUR ■ PUNE ■ JALGAON ■ AMRAVATI ■ AHMEDNAGAR ■ RAIPUR ■ CHHINDWARA

Courses Offered

Department	Name of the Course	DTE Code
Computer Engineering	M. Tech (Computer Engineering)	615524510
Mechanical Engineering	M.Tech (Heat Power Engineering)	615559610
	M.Tech (CAD ME)	615560710
Civil Engineering	M.Tech (Structural Engineering)	615521210
Electronics and Tele-communication Engineering	M.Tech (VLSI and Embedded Systems)	615534110

Our Inspiration



Late Shri. Gyanchandji Raisonji

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 stake-holders. Our strength is directed to create competent professionals. Our Endeavour is to provide all possible support to promote research and development activities.

Messages

CHAIRMAN'S MESSAGE:



Our Group was founded with an objective to offer value-based and high quality engineering education to the aspiring Indian youth. We aim to build the all-round personality of each of our students not only by imparting a high quality technical education but also by exposing them to various co, extra and socio-cultural activities. Building characters and thereby winning personalities is the prime mission of the institute.

GHRCEM offers a wide range of educational programmes in engineering. As the institute has been bestowed 'academic autonomy' by the University Grants Commission (UGC) recently, our programmes are designed to meet the current requirements in the industry and academia.

I invite the new aspirants to be a part of this journey with GHRCEM. I am sure you will achieve your destinations and reach greater heights in all spheres of life.

With best wishes!

MR. SUNIL G. RAISONI

Chairman

G. H. Raisoni Educational & Medical Foundation

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TRUSTEE DIRECTOR'S MESSAGE :



It is with immense pleasure that I welcome you to the academic year 2017-18 at GHRCEM, Pune. GHRCEM is an educational group that strives for academic excellence and develops those in our care as integral human beings. Since the inception of the institution in 2006, it has been our constant endeavor to impart quality education and provide holistic development to our students. The college is committed to promote excellence and service through its untiring efforts to grow continuously.

The group of our competent and dedicated staff, who enable the students to take on the challenges of a competitive and self-centered world outside. They nurture and nourish each and every individual who step into the campus with utmost care so that a new generation of leaders with moral uprightness can be brought forth.

We welcome you to be a part of the wonderful academic milieu of Raisoni Group and experience the real excitement of student life. Wish you a successful and fruitful academic year ahead!

MR. AJIT G. TATIYA

Trustee Director

G.H. Raisoni Educational & Medical Foundation

DIRECTOR'S MESSAGE:



Greetings and a very warm welcome to GHRCEM!

In this era of Globalization of education the obvious focus is on the quality of education. There is no single benchmark of quality. A good educational institution strives continuously for sustenance and enhancement of quality in every field of its activity. We work diligently to provide the best learning, teaching and research opportunities to students and academicians alike, it continues to supply students with the basics of modern knowledge and high values.

Today, GHRCEM offers under-graduate programs in Computer Engineering, Electronics & Telecommunication Engineering, Information Technology, Mechanical Engineering and Civil Engineering and post-graduate programs in Computer Engineering, Electronics & Telecommunication Engineering, Civil - Structural Engineering and Mechanical - Heat Power Engineering and CADME. It is also a Savitribai Phule Pune University recognized research center in Electronics & Telecommunication Engineering and Mechanical Engineering.

We have R&D and Entrepreneurship Development Cell to inculcate research culture and enterprising skills among the students and faculty. Technology is changing fast for betterment, making lives simpler and easy to live, processing faster, aiding in decision making, converting luxuries to affordability and making the impossible seem possible.

The current scenario in the local, national, and international level is of intense competition with equal opportunity to all. It is hence, essential for our students to be competent to face the global challenges. GHRCEM provides a student-centered learning environment with close student-faculty interaction and constant participation of the industry. Through periodic seminars, symposia, workshops, and industry visits as an integral part of the course, the students are equipped with technical knowledge, critical thinking skills, and creativity to excel in the engineering profession. Alongside, technology fairs, college carnivals, sports summits and other such co-curricular and extra-curricular events also constitute an important part of life at GHRCEM.

I, along with the entire GHRCEM family, assure you that GHRCEM will provide with the best combination of skills & knowledge to succeed in chosen career field and will equip the students with the professional acumen that will help them to meet the challenges of the modern industrial & service work environment.

I extend my best wishes to all my students for an exciting and rewarding, challenging, and stimulating four years on this campus & a bright future thereafter.

DR. JAYWANT B. SANKPAL

Director

G.H.Raison College of Engineering and Management

Preamble

The Institute

G. H. Raisoni College of Engineering and Management, Pune is one of the leading institute of Raisoni Group of Institutions (RGI). GHRCEM is a premier institute in the eastern part of Pune. The institute is duly approved by "All India Council for Technical Education" (AICTE), New Delhi and The Directorate of Technical Education (DTE), Government of Maharashtra, Mumbai. GHRCEM is accredited by NAAC valid for period of five years from 05/05/2014 and has also received NBA Accreditation Status for E&TC Programme at UG level. We have also received 2 (f) recognitions and 12 (B) recognitions from UGC. From the year 2016-17, the institute is granted an Autonomous status at UG and PG levels from University Grant Commission, New Delhi and SP Pune University subsequently.

G. H. Raisoni College of Engineering and Management, Pune offers undergraduate Engineering courses in Civil, Mechanical, Computer, IT, E&TC and Post graduate courses in Mechanical CAD ME, Heat Power Engineering, VLSI & Embedded Systems, Computer Engineering and Structural Engineering. Beside this the institute has approved Ph.D. research center in E&TC and Mechanical Engineering affiliated to Savitribai Phule Pune University.

Our ultimate aim is to educate confident professional engineers. Hence, in addition to academic excellence, G H Raisoni College of Engineering & Management (GHRCEM) pays special attention to overall development through specially structured need-based programs. We offer an exciting mix of high quality courses, strong commercial world links & management training with a touch of cultural activities. Institute has highly qualified and experienced faculties. All the information about faculties is available on college website ghrcem.raisoni.net

The institute has been recognized as a Research Centre by Scientific and Industrial Research Organization (SIRO) of Dept. of Science & Technology, Govt. of India, Nodal Centre for Virtual Labs programme of Govt. of India by College of Engg. Pune, Centre for Robotics Labs under e -Yantra programme by IIT, Mumbai, GPU Education Centre by nVIDIA, in graphics computing, Texas Instruments Lab facility set up by Edgate Technology Pvt. Ltd., the university programme partner of Texas Instrument, India.

GHRCEM has received various grants from AICTE and BCUD, Savitribai Phule Pune University worth Rs. 30 Lacs. The institute has organized various national and international workshops, seminar and conferences. It has an almost 600 research paper publications by faculty members and some faculties have filed/applied for patents.

Pune is Maharashtra's second largest city after Mumbai, has been a hub for the engineering industry for over five decades. The setting up of new well planned industrial estates by the Maharashtra Industrial Development Corporation in the last few years has helped manufacturers find land for setting up of units. This has also played a major role in the development of Pune as an industrial hub. MIDC's industrial estates are located at Ranjangoan, Hinjewadi, Hadapsar and in the Talegaon-Chakan belt.

Lush green campus of G. H. Raisoni College of Engineering & Management (GHRCE&M), Wagholi, Pune is on Pune Nagar road, 13 km from Pune Railway station and only 4 kms away from the airport. Very close to the Industrial Area, the environment at the sprawling campus is conducive to academic pursuits like class-room studies and research. The institute has established closer links with the industries through the Training and Placement Department.

Affiliation:

GHRCEM is an autonomous institute affiliated to Savitribai Phule Pune University and the syllabus has been designed for the students by emphasizing their overall personality development and also to meet current requirements of the industry.

USPs

- Accredited by NAAC with "B" Grade
- NBA Accredited UG level Electronics and Tele-communication Program
- R&D support to encourage and participate in paper presentation and project competition
- Incubation Centre and innovation cell
- Involvement of Experts from IITs, NITs and Reputed Industries in Designing of curriculum
- Choice of electives with pre-requisites
- Psychological Counseling
- Activity Based Learning
- 15% syllabus updated every year
- Remedial Teaching at Multi levels
- Sponsorship for presenting papers, filing patents
- Research Mentorship and Industry Internship
- Focus on General Proficiency Subjects like Soft Skills, Foreign Languages, Technical Report Writing

Full Time M.Tech Programmes

G.H. Raisoni College of Engineering and Management offers the following full time postgraduate programmes of study in Engineering in different specializations leading to M.Tech Degree. Details of these academic programs along with the details of their course coordinators and admission coordinators in the respective department is given below in Table

Department	Name of the Course	Course Coordinator
Computer Engineering	M. Tech (Computer Engineering)	Ms. Vidya Dhamdhare (Mobile No: 9922644445)
Mechanical Engineering	M.Tech (Heat Power Engineering)	Mr. Dipak Patil (Mobile No: 9850879466)
	M.Tech (CAD ME)	
Civil Engineering	M.Tech (Structural Engineering)	Mr. Girish Joshi (Mobile No: 9657722996)
Electronics and Tele-communication Engineering	M.Tech (VLSI and Embedded Systems)	Mr. Ashish Gupta (Mobile No: 9006508540)

Table 1: M.Tech Programmes Offered

Eligibility Criteria

Maharashtra State Candidates and All India candidates

- (i) Candidate should be an Indian National.
- (ii) *Passed Bachelor Degree in the relevant field of Engineering and Technology from All India Council for Technical Education or Central or State Government approved institutions or equivalent, with at least 50% marks (at least 45% marks in case of candidates of Backward class categories and persons with disability belonging to Maharashtra State only)
- (iii) Passed Bachelor Degree in the relevant course of Engineering and Technology As specified in the eligibility criteria of the concerned University for which admission is being sought to a particular Post graduate degree course/specialization
- (iv) Having Positive GATE Score** valid for the period from 15th March 2017 to 14th March 2018 in respective qualifying branch.
- (v) For sponsored candidates, minimum of two years of full time work experience in a registered firm/ company/ industry/ educational and/ or research institute/ any Government Department or Government Autonomous Organization in the relevant field in which admission is being sought.

Children of NRI / OCI / PIO, Children of Indian workers in the Gulf countries, Foreign National

- (i) Passed Bachelor Degree in the relevant field of Engineering and Technology from All India Council for Technical Education or Central or State Government approved institutions or equivalent, with at least 50 % marks
- (ii) Passed Bachelor Degree in the relevant course of Engineering and Technology as specified in the eligibility criteria for admission to a Post Graduate Degree course of the concerned University for which admission is being sought

*The Updated admission criteria shall be followed as per direction by DTE, Maharashtra, (refer <http://www.dtemaharashtra.gov.in/>)

Course Eligibility

Candidates fulfilling eligibility requirements as mentioned in following table will be considered for admission to the respective program.

Department	Name of the course	Eligibility
Computer Engineering	M.Tech (Computer Engineering)	B.E. or Equivalent in Computer Science, Computer Science and Engineering, Computer Engineering, Information Technology, Computer Technology, Computer Science and Technology, Electronics Design Technology, Electronics and Telecommunication Engg, Electronics Engineering, Electronics Technology, Computer Telecommunication, Electrical, Electrical & Power, Electronics & Power, Computer Telecommunication , Communication System, Computational Mathematics, Computer Science & Information Technology, Computer Science and Systems Engineering, Computer Software & Hardware Engineering, Computing In Computing, Computing In Multimedia, Computing In Software, Communications Engineering, Digital Communications, Electrical & Electronics Engineering, Electronic Science & Engineering, Electronics & Communications Engineering , Electronics & Computer Engineering, Electronics & Control Systems, Electronics & Information Systems, Electronics & Instrumentation Engineering, Electronics & Power Engineering, Electronics & Telematics Engineering, Electronics Instrumentation & Control Engineering, Informatics Technology, Information & Communication Technology, Information Science & Engineering, Information Science & Technology, Information Engineering, Information Technology & Engineering, Applied Electronics, Applied Electronics & Instrumentation, Applied Electronics & Telecommunication Engg, Electrical & Instrumentation Engg., Electrical Instrumentation & Control Engg., MCA from any recognized Indian University.
Electronics and Telecommunication Engineering	M.Tech (VLSI and Embedded Systems)	B.E. or Equivalent in Applied Electronics, Applied Electronics and Instrumentation Engineering, Applied Electronics and Telecommunications Engineering, Communication Systems, Communications Engineering Digital communications, Electrical and Electronics Engineering, Electrical and Instrumentation Engineering, Electronic Science & Engineering, Electronics, Electronics & Communications Engineering, Electronics & Computer Engineering, Electronics & Control systems, Electronics & Electrical Engineering, Electronics & Information systems, Electronics & Instrumentation Engineering, Electronics & Power Engineering, Electronics and Telecommunications Engineering, Electronics and Telematics Engineering, Electronics Design & Technology, Electronics Engineering, Electronics Instrumentation & Control Engineering, Electronics Technology, Information Science & Engineering, Instrumentation Engineering, Instrumentation Technology, Power Electronics Engineering, Wireless technology, Electronics product design technology from any recognized Indian University

Department	Name of the course	Eligibility
Mechanical Engineering	M.Tech (Heat Power Engineering)	B.E. or equivalent in Power Engineering, Automobile Engineering, Mechanical Engineering, Mechanical Engineering[Sandwich], Aeronautical Engineering, Automobile Technology ,Energy Engineering, Marin Engineering, Marin Technology, Power plant Engineering, Thermal Engineering from any recognized Indian University.
	M.Tech (CAD ME)	B.E. or Equivalent in Industrial Engineering, Automobile Engineering, Production Engineering, Mechanical Engineering, Mechanical Engineering[Sandwich], Production Engineering[Sandwich], Advanced Manufacturing system, Automation & Robotics, Automation Engineering, Industrial & Production Engineering, Industrial engineering & Management, Industrial Safety Engineering , Manufacturing Engineering, Manufacturing Engineering &Technology , Manufacturing Science &Technology, Manufacturing Technology , Material Science & Engineering, Material Science & Technology , Mechanical & Automation Engineering, Mechatronic, Production Design & Engineering, Tool Engineering, Production & Industrial Engineering, Production Engineering & Design, Computer aided design, Computer aided design & Manufacturing from any recognized Indian University.
Civil Engineering	M.Tech (Structural Engineering)	B.E. or equivalent in Civil Engineering, Civil Technology, Construction Engineering & Management, Construction Technology, Construction Technology & Management, Structural Engineering, Civil and Water Management Engineering, Environmental Engineering, Building construction & Technology, Infrastructure Engineering of any recognized Indian University.

Table 2: Course Eligibility

Distribution of Seats

Distribution of seats:

CAP Seats			Institution Quota
Maharashtra State(M.S)	All India Seats	Minority Quota	
29% (75% of M.S. Seats for Non Sponsored , 25% of M.S. Seats for Sponsored)		51%	20% (15% for Non Sponsored Seats and 5% for Sponsored Seats)

Admission Procedure

A. Registration for centralized Admission Process (CAP) with Directorate of Technical Education, Maharashtra State (DTE).

B. For Institute Level Admission

Applications are invited for admission in M.Tech first year, in prescribed form under Institute Level Quota.

Tentative Schedule

S.N	Scheduled Event	Scheduled Date and Time
1	Availability of Admission Request Form (ARF) on Institute website	15 th March 2017
2	Last date of submission of dully filled Admissions Request Form(ARF) along with attested copies of required documents (one set) & Demand Draft*of Rs 1000/- (non Refundable) . Candidate can submit the ARF form at Admission centre of Institute of can send by post to the college address.	Will be displayed accordingly
3	Display of Provisional Institute Merit List (PIML)	
4	Grievances if any pertaining to PIML	
5	Display of Final Institute Merit List(FIML)	
6	ROUNDS : Institute Level Admission counseling & spot admission as per FIML.	

*Demand Draft (Rs 1000/-) should be drawn in favour of Director, G. H. Rasoni College of Engineering and Management, payable at Pune from any nationalized bank.

Documents Required for ARF (One set):

1. S.S.C. (Std. X) mark sheet & Certificate
2. H.S.S.C. (Std. XII) mark sheet/Diploma
3. Degree Mark sheets (All)
4. GATE Score Card
5. DTE Registration proof

C. Actual Admission

1. Check your name in Provision Merit list (PIML), apply for grievance (if any). Then check Final Merit List (FIML)
2. Report on the scheduled date at counseling center of Institute
3. Select proper branch
4. Pay the Admission Fees (interim)

Fees Structure for M.Tech

Course Name	Tuition Fees & Development Fees	Caution Money Deposit (Refundable)	Insurance/ Univ. Miscellaneous fees/Professional Societies fees	Books/ Printing & Stationary	Total fees payable at the time of admission
First Year	64500	2000	1958	800	69258

*Additional Rs. 500 Migration Fee (In case of Other University)

Fees shall be paid in the form of Demand draft drawn in favour of Director, G. H. Rasoni College of Engineering and Management, Pune, payable at Pune from any Nationalized bank at the time of counseling rounds mentioned in the schedule. Examination and other fees will be applicable as per rules and regulations of the institute

5. Collection of receipt of Payment and document submission letter.
6. Collection of I-Card.

C.1 Submit following documents with Admission Form (original + Two set photocopy):

Sr. No	Name of Document (original + Two set photocopy)
1	S.S.C. (Std. X) mark sheet.
2	H.S.C. (Std. XII) mark sheet.
3	College leaving certificate /Transfer Certificate
4	GATE Score Card
5	Maharashtra DTE Registration No and Merit No
6	Certificate of the Indian Nationality of the candidate/School leaving certificate/Birth Certificate having mention of Indian Nationality
7	Domicile certificate.
9	Passport size color photographs (3 nos.)
10	Migration (If Applicable)
11	PAN Card Photocopy
12	Aadhar Card Photocopy
13	Bank Passbook Photocopy (for A/C Number)
14	Voter ID Card
15	CAP/ DTE Registration No. & State Merit List No.
16	Any other document (s) submitted during DTE Registration
17	Undertakings (listed Below)

Undertakings (listed Below)

- .. Discipline And Conduct Rules
- .. Industry Undertaking
- .. Undertaking For Freeship/Scholarship (only to be filled who are taking admission under CAP & applying for Freeship/ scholarship)
- .. UGC Anti Ragging Form (<http://www.amanmovement.org/>)

Financial Assistance

Stipend shall be awarded to the GATE qualified as per norms of the (MHRD/AICTE) .

Conduct and Discipline

1. Students will abide by all rules & regulations of the institute under Autonomous Scheme.
2. Students have to be present on the day of opening and closing of each term during the academic year.
3. Students must be regular in attendance for theory and practical classes. In case his/her attendance is less than 75% in the theory lectures and practical separately, term will not be granted. In case of any genuine reason, guardian should inform in writing to the authorities of the institute about the reason for his/her absence, in advance.
4. If a student remain absent for lectures or practical without prior written permission of the Head, She/he will be liable to pay a heavy fine per lecture and/or practical for his/her absence along with any other punishment of academic nature as decided by the authorities.

5. If a student remains absent from the Institute for continuous period of ten days without prior permission of the Dean/Director, the Management reserves the right to cancel his/her admission from the Institute and to strike out his/her name from the roll. In such cases he/she will not be entitled for any refund
6. Student must attend all the Class Assessment Examinations (CAE), Tutorial Sheets, home assignments, quizzes, & seminars (TAE). College can take strict disciplinary action against students, if he/she fails to attend the Class Assessment Examinations (CAE), practical, tutorials or theory classes.
7. Student must complete all the term work such as journals, drawing sheets, workshops or any other home assignments as per schedule.
8. Students along with his/her guardian must be fully aware that, if she/he fails to complete the term work regularly and to the entire satisfaction of the Head of the Institution, she/he will not be granted the terms and will not be allowed to appear for the End Semester Examination (ESE).
9. A student shall be responsible to the authorities of the institute for any misconduct my conduct not only in the premises of the institute but also for conduct in general, outside the premises as well.
10. Students must be aware that any reported, observed objectionable conduct within or outside the premises of the Institute, will make them liable for strict disciplinary action.
11. If a student is found guilty of Ragging, he/she will be liable for punishment according to clause 9.1 of the regulations, without prejudice to any other criminal action that may be taken against him/her under any penal law or any law for the time being in force or as per the High Court decision for University Act.1956-Regulation 26(1)G-2009.
12. Students should be aware that sexual harassment at workplace is punishable affiance as per act 2013. If I found guilty, he/she are liable for punishment according to clauses. Student should assure that, he/she will not participate in any political or antisocial activities.
13. Students should assure for helping in maintaining the buildings and the campus of the institute clean and tidy.
14. Students should wear the college uniform on campus and on all official outings.
15. Students should be aware that college can take strict disciplinary action against them, if he/she found using mobile phone in any kind of examinations.

Examination System PG

Component of a course	Examinations	Weight age
Lectures/Tutorials	Class Assessment Examination (CAE)	20%
	Teachers Assessment Examination (TAE)	20%
	End Semester Examination (ESE)	60%
Laboratory Practical Work	Laboratory Practical Work (LPW)	As per scheme

Laboratories

Electronics & Telecommunication (VLSI and Embedded Systems)	Computer Engineering
<ol style="list-style-type: none"> 1. PG Research Lab 2. VLSI and Embedded Systems Lab 	<ol style="list-style-type: none"> 1. PG laboratory-I 2. Research Laboratory
Mechanical Engineering	Civil (Structural Engineering)
<p>M. Tech. (Heat Power Engineering)</p> <ol style="list-style-type: none"> 1. Advanced Heat Transfer 2. CAD Simulation <p>M. Tech. (CADME)</p> <ol style="list-style-type: none"> 1. CAMD 2. Research Lab 	<ol style="list-style-type: none"> 1. P.G. Laboratory 2. P.G. Research Laboratory

Activities for PG students

A number of co-curricular and extra-curricular activities are conducted for PG students to develop their overall understanding and personality. Glimpses of activities are given below.



**Two Days Workshop on "Research Methodology"
conducted by E&TC Dept. dated
9th and 10th Sept. 2016**



**One Day Workshop on "Introduction to STAAD
PRO" conducted by Civil Dept. dated
24th September 2016**



Guest Lecture on how to face HR interview & Personality Development by E&TC Dept. dated 10th March 2017



Training session on 'Effective Self introduction during an interview' dated 25th March 2017



Two Days workshop on Signal Processing and Advanced Communication dated 16th and 17th March 2017



BCUD & SPPU Sponsored Two Days State Level Workshop on "Recent Trends In IOT" dated 19th and 20th January 2017



International Conference on 'Signal Processing, Computing and Networking' (SPCN-2017) by Comp and E&TC Dept. dated 17th and 18th February 2017



National Conference was organized by the department of Mechanical Engineering under Quality Improvement Program funded by BCUD, Savitribai Phule Pune University dated 9th and 10th February 2017



**First Orientation Programme for newly admitted
M. Tech First Year Students dated 17th August 2016**

Faculty

The college has technically rich faculty with Doctorate qualifications. It comprises highly qualified, well-trained staff possessing sound teaching, research as well as industrial experience with excellence in their fields. The faculties keep themselves abreast of the technological developments in the concerned fields through active participation in various activities like seminars, conferences, training programs and guest lecture etc. Eminent guest faculties from industries / IITs/ Foreign Universities and institutions are regularly invited to make the students aware of the latest research and development in the field.

Faculties for M.Tech.

(Heat Power Engg./CAD ME)

M. Tech Mechanical (HPE/CADME) Faculty Profile

Name of the faculty: Dr. Jaywant B. Sankpal
Highest Qualification: Ph.D in Mechanical Engg
Designation: Director
Experience: 30 Years
Membership: LMIEI, CEIE, LMISTE, LMQCFI
Area of Specialization: Mechanical Design
Approved supervisor: M.E/M.Tech and Ph.D Guide
Publication:
 Conferences: 27
 Journals: 01
STTP Attended: 03
Seminars/Workshops: 13



Name of the faculty: Dr. Rachayya R. Arakerimath
Highest Qualification: Ph.D in Mechanical Engg
Designation: Dean and HOD
Experience: 22 Years
Membership: LMISTE, FIE, IAENGG
Area of Specialization: CAD/CAM/CAE and
Automotive Technologies
Approved supervisor: M.E/MTech and PhD Guide
Publication:
 International
 National
 Conferences: 20 25
 Journals: 60 02
STTP Attended: 00 06
Seminars/Workshops: 01 20



M. Tech Mechanical (HPE/CADME) Faculty Profile

Name of the faculty: Mr. Dipak S. Patil
Highest Qualification: M. Tech. (Thermal and Fluids)
ME (Turbo Machines)
Designation: PG Coordinator (HPE & CADME),
Assistant Professor
Experience: 14 Years (Teaching) + 2 Years (Industry)
Membership: LMISTE
Area of Specialization: Heat Transfer
Approved Supervisor: ME/M. Tech.
Publication: 09
Conferences: 05 (as a first Author)
Journals: 04 (as a first Author)
STTP Attended: 05
Seminars/Workshops: 02



Citations: 9, h-index: 1

M. Tech. (HPE) Faculty Profile

Name of the faculty: Mr. Saurabh H. Gupta
Highest Qualification: ME (Mechanical - Heat Power)
Designation: Assistant Professor
Experience: 15 years
Membership: ISTE, ISHMT, IE(I)
Area of Specialization: Heat Transfer,
Refrigeration & Air-conditioning
Approved supervisor: ME/M. Tech.
Publication: 16
Conferences: 15
Journals: 01
STTP Attended: 5
Seminars/Workshops: 7



M. Tech (HPE) Faculty Profile

Name of the faculty: Mr. Premendra J. Bansod
Highest Qualification: ME(Heat Power)
Designation: Assistant Professor
Experience: 18 years
Membership: LMISTE
Area of Specialization: Heat Power
Approved supervisor: No
Publication: 11
 Conferences: 06
 Journals: 05
STTP Attended: 5
Seminars/Workshops: 15



M.Tech (HPE) Faculty Profile

Name of the faculty: Mr. Sanjay G. Mitkari
Highest Qualification: ME-Mechanical
Designation: Asst Professor
Experience: 17 years
Membership: ISTE , Institution of Engineers (India)
Area of Specialization: Thermal Engineering
Approved supervisor: —
Publication: 02
 Conferences: 02
 Journals: NIL
STTP Attended: 02
Seminars/Workshops: 03



M.Tech (CADME) Faculty Profile

Name of the faculty: Mr. M. R. Rao
Highest Qualification: M. Tech.
Designation: Workshop Superintendent
Experience: 24 years
Membership: LMISTE
Area of Specialization: Production
Approved supervisor: No
Publication: —
Conferences: —
Journals: —
STTP Attended: 02
Seminars/Workshops: 05



M.Tech (CADME) Faculty Profile

Name of the faculty: Mr. Hemant G. Bhole
Highest Qualification: ME Design Engineering
Designation: Asst. Prof.
Experience: 5.5 yrs
Membership: ISTE
Area of Specialization: Design and Vibration
Approved supervisor: -
Publication: 04
Conferences: 03
Journals: 01
STTP Attended: ---
Seminars/Workshops: 06



Faculties for M.Tech.
(VLSI and Embedded Systems)

Name of the faculty: Dr. Tanuja S. Dhope

Highest Qualification : Ph. D.
Designation : Associate Professor
Experience : 17.0 Years
Membership : IETE
Area of Specialization : Wireless Communication
Approved Supervisor : Yes
Publications : 42
Conferences : 11
Journals : 31
STTP Attended : 02
Seminars/ Workshops : 16



Name of the faculty : **Mr. Surendra K. Waghmare**
Highest Qualification : M.Tech, Ph.D (Pursuing)
Designation : Assistant Professor
Experience : 15 Years
Membership : LMISTE (60589),
MIETE (223228),
MIEEE (#94054049)
Area of Specialization : VLSI Design, RF MEMS Design,
Embedded Systems
Publications : 17
Conferences : 01
Journals : 16
STTP Attended : 05
Seminars/ Workshops : 12



Name of the faculty : **Ms. Munmun Ghosal**
Highest Qualification : M. Tech. (VLSI)
Designation : Assistant Professor
Experience : 8.5 Years
Membership:
Area of Specialization : VLSI and Signal Processing
Publications: 16
Conferences : 10
Journals : 06
STTP Attended : 02
Seminars/ Workshops : 12



Name of the faculty : **Mr. Pravin N. Matte**
Highest Qualification : M.E., Ph.D. (Pursuing)
Designation : Assistant Professor and Vice Principal (Academics)
Experience : 15 Years
Membership : ISTE
Area of Specialization : Digital Electronics
Approved Supervisor : PG
Publications:
Conferences : 01
Journals : 11
STTP / Seminars/ Workshops Attended: 07



Name of the faculty : **Ms. Manisha G. Waje**
Highest Qualification : M. Tech. (Electronics), Ph.D (Pursuing)
Designation : Assistant Professor
Experience : 12 Years
Membership : ISTE
Area of Specialization : Digital Design and VLSI Design
Publications: 16
Conferences - 07
Journals - 09
STTP Attended : 04
Seminars/ Workshops : 06



Name of the faculty : **Ms. Vaishali P. Raut**
Highest Qualification : M. Tech. (Electronics), Ph.D. Pursuing
Designation : Assistant Professor
Experience : 13 Years
Membership : ISTE
Area of Specialization : Microelectronics and VLSI Design
Publications: 17
Conferences - 08
Journals - 09
STTP Attended : 04
Seminars/ Workshops : 06



Faculties for M.Tech.
(Computer Engineering)

Name of the faculty: Mrs. Poonam Gupta

Highest Qualification : M.Tech, Ph. D (Pursuing)
Designation : Assistant Professor &HOD
Experience : 14.5 Years
Membership: Life Member : ISTE
Area of Specialization : Computer Networks
Publications:
Conferences : 05
Journals : 25
STTP Attended : 02
Seminars/ Workshops : 06



Name of the faculty : **Ms. Manjushri A. Mahajan**

Highest Qualification : M. E. (CN), Ph. D (Pursuing)
Designation : Assistant Professor
Experience : 12.4 Years
Membership : Life Member ISTE
Area of Specialization : Computer Networks
Publications :
Conferences : 03
Journals : 14
STTP Attended : 02
Seminars/ Workshops : 06



Name of the faculty : **Ms. B.Padmavathi Karthikeyan**

Highest Qualification : M.Tech, PhD (Pursuing)
Designation : Assistant Professor
Experience : 12.10 Years
Membership : LMISTE
Area of Specialization : Network Security & Big Data
Publications :
Conferences : 05
Journals : 17
STTP Attended: : 03
Seminars/Workshops : 11



Name of the faculty : **Ms. Sunita Nandgave**
Highest Qualification : ME, Ph.D (Pursuing)
Designation : Assistant Professor
Experience : 12.0 Years
Membership : Life Member ISTE
Area of Specialization : Network Security
Publications:
Conferences : 01
Journals : 13
STTP Attended : 09
Seminars/ Workshops : 10



Name of the faculty : **Mr. Sandeep Gore**
Highest Qualification : ME, Ph.D (Pursuing)
Designation : Assistant Professor
Experience : 10.0 Years
Membership : Life Member ISTE
Area of Specialization : Data mining
Publications:
Conferences : 01
Journals : 08
STTP Attended : 05
Seminars/ Workshops : -



Name of the faculty : **Ms. Nivedita N. Kadam**
Highest Qualification : ME, Ph.D (Pursuing)
Designation : Assistant Professor
Experience : 9.0 Years
Membership : Life Member ISTE
Area of Specialization : Computer Networks
Publications:
Conferences : 04
Journals : 06
STTP Attended : 07
Seminars/ Workshops : 10



Name of the faculty : **Ms. Vidya Dhamdhare**
Highest Qualification : ME, Ph.D Pursuing
Designation : Assistant Professor & PG Coordinator
Experience : 9.0 Years
Membership : Life Member ISTE
Area of Specialization : Computer Networks
Publications:
Conferences : 07
Journals : 29
STTP Attended : 08
Seminars/ Workshops : 06



Name of the faculty : **Mrs. Mansi S. Bhonsle**
Highest Qualification : M.Tech (CE)
Designation : Assistant Professor
Experience : 10.3 Years
Membership : LMISTE
Area of Specialization : Web Mining, Graph Theory
Publications:
Conferences : 11
Journals : 16
STTP Attended : 11
Seminars/ Workshops : 16



Name of the faculty : **Ms. Pournima More**
Highest Qualification : M E (Computer) PhD (Pursuing)
Designation : Assistant Professor
Experience : 9.0 Years
Membership : No
Area of Specialization : Network Security
Publications : 14
Conferences : 04
Journals : 10
STTP Attended : 02
Seminars/ Workshops : 01



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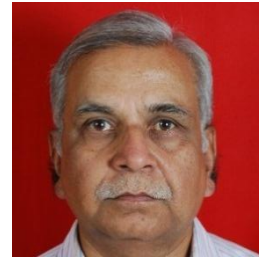
Name of the faculty : **Mrs. Sarita Patil**
Highest Qualification : M.E.
Designation : Assistant Professor
Experience : 10 years
Membership : ISTE
Area of Specialization : Computer Network
Publications:
Conferences : 07
Journals : 08



Faculties for M.Tech.
(Structural Engineering)

M.Tech. Faculty Profiles

Name of the faculty : **Mr. Nirajkumar Dubey**
Highest Qualification : M.Tech.
Designation : Asst. Professor
Experience : 38 Years (Industrial + Teaching)
Membership : LIMSTE (LM78657)
Area of Specialization : Computer Aided Engineering
Publications :
Conference : 02
Journals : 01
STTP Attended : 02
Seminar / Workshops : 05



Name of the faculty : **Mr. Girish V Joshi**
Highest Qualification : M.E. (Structural Engineering)
Designation : Asst. Professor
Experience : 13 years
Membership : LIMSTE
Area of Specialization : Structural Engineering
Publications :
Conference : 01
Journals : 02
STTP Attended : 03
Seminar / Workshops : 04



Name of the faculty : **Mrs. Smita D Kuralkar**
Highest Qualification : M.Tech. (Structural Engineering)
Designation : Asst. Professor
Experience : 09 Years (Industrial + Teaching)
Membership : LIMSTE (LM-78654)
Area of Specialization : Structural Engineering
Publications :
Journals : 02
STTP Attended : 03
Seminar / Workshops : 03



Details of Adjunct faculties

SN	Department	Name	Designation	Industry Name
01	Mechanical	Mr. S.M. Sankh	Deputy General Manager	DSK Moto wheels Pvt Ltd
02	Electronics and Telecomm.	Mr. Nitin Dixit	CEO	Diksha Tech. Services, Pune
03		Mr. Suryakant Dodmise	Director	Core Technologies
04		Mr. Prashant Bhogale	Team Leader	Advanced Solutions Honeywell Automation (I) Ltd. Pune
05		Mr. Rahul Apte	Business Analysis and research	Allscripts India Pvt Ltd
08		Computer	Mr. Shripad Dharmadhikari	Technical Specialist
09	Sengar Bhan		Associate Manager	American Axle and Manufacturing India Pvt Ltd, Pune, India
10	Civil	Mr. Vinod Ahtani	Project Manager	Pristing Group



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