



Institute Code : 6757

Yashoda Shikshan Prasarak Mandal's
Yashoda College of Engineering

Wadhe, NH - 4, Satara - 415011

Approved by : AICTE, PCI, COA, New Delhi,
DTE Maharashtra, Mumbai, Affiliated to Shivaji University, Kolhapur,
Dr. Babasaheb Ambedkar Technological University (DBATU), Lonere,
MSBTE, Mumbai



- Artificial Intelligence & Data Science
- Computer Science & Engineering
- Civil Engineering
- Electrical Engineering
- E & TC Engineering
- Mechanical Engineering
- Computer Science Engineering (Cyber Security)
- Robotics & Artificial Intelligence Engineering
- Mechatronics Engineering



OUR TEAM OF MANAGEMENT AND OFFICE BEARERS



Prof. Dasharath B. Sagare
Founder-President



Prof. Ajinkya Sagare
Vice-President



Mrs. Sadhana D. Sagare
Secretary



Mrs. Namrata Sagare
Trustee



Ar. Swarali D. Sagare
Trustee



Dr. Vivekkumar K. Redasani
Director



Prof. Randhirsinh Mohite
Asso. Director



Mr. Ganesh Suravase
Registrar



Prof. Dasharath B. Sagare
Founder-President

FROM THE DESK OF PRESIDENT

Welcome you to YSPM's Yashoda Technical Campus, Satara an Institution which inculcates true values while disseminating quality education for shaping the career of our students. All our institutes are approved by the concerned statutory bodies and fulfil all the norms and standards laid down by them. Our technical campus is located in a lush green, pollution free, picturesque environment. Our institutes have well qualified, experienced and student caring faculty members, well equipped laboratories, spacious lecture hall and tutorial rooms, ICT tools enabled smart

classrooms, Seminar halls, well maintained rich library, e-library, wi-fi enabled premises, computer centre with internet facility, and a playground with sports facilities, separate gymnasium for Boys and Girls students. We emphasize on overall personality development of our students. Our faculty pays attention to each student to focus on their strength and to develop confidence. We provide students a platform to excel not only in academics but also in co-curricular and extracurricular activities. We encourage individual growth, team building, industry interaction and multidisciplinary study culture. Amenities provided by our institutes include transport facility, hostel facility, reprographic facility, Cafeteria, STD/PCO, Medical Centre, Cooperative store etc. We are committed to impart value-based quality education along with development of positive attitude, skills and abilities to apply knowledge in order to meet the challenge of future. I extend my best wishes for your bright and prosperous future.



Prof. Ajinkya Sagare
Vice President

FROM THE DESK OF VICE PRESIDENT

Over the past fifteen years, our institutions have evolved into esteemed temples of learning, offering highly sought-after programs, state-of-the-art infrastructure, and experienced, well-qualified faculty. We take pride in exemplifying excellence in higher education, with a focus on producing corporate-ready graduates through innovative approaches to fast-tracking education. Our goal at YSPM's YTC campus is to transform students into astute thought leaders prepared for the challenges of the corporate world, both domestically and internationally. We prioritize enhancing the continuous employability of our students, ensuring they are equipped

with both academic rigor and practical skills for success. Our commitment to learning by doing fosters a culture of peer learning alongside esteemed academics and industry leaders. We provide a multitude of opportunities for skill development, empowering our students to make informed career choices and succeed in their chosen paths. Through domain-focused programs and a commitment to innovation, we aim to provide a bright future for our students. We invite you to explore the various programs offered at YTC and are confident you will find the perfect fit for shaping your career.



Dr. Vivekkumar Redasani
Director

FROM THE DESK OF DIRECTOR

I wish you thank you for your interest in Yashoda Technical Campus (YTC), Satara. Over the past 15 years, we've provided quality technical education, graduating students since our establishment in 2011. At YTC, we aim to provide students with a transformative experience, enabling them to excel in their professional lives. Through a variety of extracurricular and co-curricular activities, our faculty ensures the development of skills and expansion of knowledge. We have Centers of Excellence to promote domain-specific research and entrepreneurship among students. Our faculty members, who stay abreast of current

developments, contribute significantly to academia through teaching, publications, and collaborations with partner institutions and corporate entities. The corporate-supported projects undertaken by our students provide valuable hands-on experience as part of our curriculum. Prospective students are encouraged to explore our academic programs, and we welcome inquiries for additional information. Businesses seeking information about our students and activities are also welcome to reach out for potential collaborations. As a parent of a student, we assure you of a very enriching and fruitful time that your ward will be spending with us.

About YSPM

Yashoda Shikshan Prasarak Mandal, Satara (YSPM) an education trust was established in the year 2011, under the efficient and vibrant leadership of Founder President, Hon. Prof. Dasharath Sagare, with the aim of catering the best Technical Education to the students especially of rural areas. Since the inception we have been providing quality education in the Technical field for the past 13 years as an integral Campus approved by statutory bodies and over 3500 students have graduated from the campus till date. YSPM has many eminent personalities from the field of education and industry on its advisory body, whose rich experience and guidance benefits the institute.

Currently, YSPMs Yashoda Technical Campus is running with Engineering, Polytechnic, Pharmacy (Diploma, Undergraduate and Postgraduate), Pharm D, BBA, BCA, Architecture, Management and MCA programmes. Along with this, the organization is also running and catering the school education. In addition to the technical courses, Yashoda group of Institutes are having Pre-primary, Primary, High school and Junior colleges in both English and Marathi medium. Recently, our CBSE School has granted the affiliation for Junior college. The Vision, Mission and Principles of the organization not only reflect the academic but also the overall development of the students. The current student strength of the Yashoda group of Institutes is around 7000 while there are around 300 teachers associated with the group.

After the commencement, the campus has achieved the fetch of being accredited in 2018 from National Assessment and Accreditation Council (NAAC) for a period of 5 years. The Maharashtra State board of Technical Education granted the Excellent grade to our Diploma in Pharmacy Program consecutively for the second time.

At our campus, students are expected to have an enriching and life-turning experience which will enable them to reach new heights in their professional life. We foster sharpening of skills and enhancement of knowledge base in our students through various extra-curricular and cocurricular activities through faculty who not only keep themselves at par with the current developments but also contribute to the expansion of the body of knowledge in their field of expertise. To facilitate this, we have Centers of Excellence to enhance domain specific research and training among members of faculty and entrepreneurship among students. With a very congenial and professional environment our faculty makes substantial contributions to academia through quality teaching, publications, seminars, conferences, etc. The faculty contribution has received recognition by way of various collaborations we have with our partner institutions and universities, and the excellent good will we enjoy with the corporate world who generously contribute to our various academic processes. The corporate interactions including corporate supported projects undertaken by our students under faculty supervision is considered 'unique', in the sense that it provides a close hands-on-experience to our students as part of our curriculum. YTC has a well-established Centralized Training and Placement Cell to cater to the demands of the worldwide industry and the students. The placement of the students in a highly reputed organization is the result of our academic and training on-going movements at the Campus. Online Teaching Facility on Olympus Great Learning, Google Meet etc. is utilized in the modern teaching methodology. Facilities such as Digital Classrooms, Well established cafeteria are available to meet the demands of all the members of the Campus. Hostel facility [including Mess] is available for its students. Due to the above infrastructure availability, various Competitive Exams conducted by State, Central as well as Statutory authorities including all types of Centralized admission tests are conducted in our Campus. Along with the academic and extracurricular actions, the campus is paralleled with research in current trends and areas in the field of technology, pharmacy and management. The 150 plus publications in various peer reviewed, Scopus and high impact journals along with patents and publishing the books is reflection of various activities.



Prof. Randhirsinh Mohite
Asso. Director

FROM THE DESK OF ASSO. DIRECTOR

A very warm welcome to Yashoda Technical Campus, Satara. It is my pleasure to introduce you to this institute that has evolved immensely since its beginnings in 2011, and is growing in stature. Since 2011, we've evolved to meet the needs of our dynamic corporate landscape. Our diverse programs, including diploma, bachelor's, and master's degrees in engineering, pharmacy, management, and computer applications, prepare students for success in today's competitive environment. Excitingly, we've recently introduced a program like Artificial Intelligence and Data Science, Robotics & Artificial Intelligence & Mechatronics at the graduate level, and a research center for doctoral studies in pharmacy is on the

horizon. Our commitment to excellence is evident in our innovative curriculum and impressive research output. We aim to nurture responsible leaders in a supportive environment. As you explore our website, I hope you are able to find all the information you are looking for, and more, about this energetic learning community that is communally engaged as well. If you are a prospective student or potential colleague, and have any specific queries or concerns, do not hesitate to contact us.



Mr. Ganesh Suravase
Registrar

FROM THE DESK OF REGISTRAR

Welcome to the Yashoda Technical Campus, Satara. YTC has been a flagship institution of higher technical education for over a decade, upholding excellence in Engineering, Pharmacy, and Management Education. Our campus, nestled in the scenic landscape of Satara, fosters an environment conducive to interaction and learning.

The Administrative Department of YTC is all set for the welfare of students. The staff and student welfare with ease of doing administrative work is the prime motive of our department. We aim at maintaining partnership between three important segments the students, Parents and the Faculties. Our goal is to become one of the most prominent and excellent educational Institute in the Maharashtra. We are fortunate to have a talented, highly committed teaching and support staff here to ensure the best learning environment to our students.

We strive to provide our students with a solid foundation for life and in still in them a passion for learning, contributing constructively to the nation. I would be pleased to welcome you to YTC at any time. We would be overjoyed to be involved in the education of your child and to foster in her/him the value based education.

Thank you for choosing us as the institute to develop your child in the era of globalization.



Dr. Pravinkumar Badadapure
Principal

FROM THE DESK OF PRINCIPAL

Greetings to all! I am really honoured and feel very privileged to function as the principal of Yashoda Technical Campus (YTC), Satara. Let me take this opportunity to thank the Management, Yashoda Shikshan Prasarak Mandal (YSPM), Satara for giving me an opportunity to serve the community here in YSPM family. We believe that the existence, growth, survival and future of every Educational Institute will long lasting only if that Institute make and keep the students and parents and all the stakeholders of the Institute feel very happy and satisfied. The students and parents will be happy only if they get their expectations and dreams are fulfilled for which the student has taken an admission in the Institute. This can be achieved only if every entity in an Institute works with Academic Excellence, Research Excellence and Training Placement Excellence, along with Overall Development of the Student to Serve the Society thereby excelling and ensuring excellence in technical education with outcome based education. our institute growth lies in institute motto that is "parents and students dreams are our institute missions" therefore, I appeal everyone to join together in achieving the aim "a happy student, a happy parent, and a happy most preferable institute".

Institute Vision

YTC, Satara looks forward to become a globally renowned institute of centre of excellence in technology and management education for rural community for technical and professional knowledge.

Institute Mission

M1. To achieve the quality and an academic excellence in the frontier engineering areas and management relevant primarily to the nation.

M2. To train and produce the highly skilled and globally competent professionals through quality technical education and to prepare them with industry ready engineers for immediate employment and entrepreneurship.

M3. To inculcate and develop the research culture can be attributed to quality outputs in terms of research practices and products.

M4. To develop the professionals having high values of ethics, lifelong learning, teamwork, leadership and social responsibility.

M5. To enhance and empower the rural community by improving the productivity of the agricultural sector.

Courses Offered and Intake

Sr. No.	Name of Course	Course Code	Intake
B. Tech.			
1	Artificial Intelligence & Data Science	675799510	120
2	Civil Engineering	675719110	30
3	Computer Science & Engineering	675724210	120
4	Electronics & Tele-communication Engineering	675737210	120
5	Electrical Engineering	675729310	30
6	Mechanical Engineering	675761210	30
7	Mechatronics Engineering	Intake Sanctioned by AICTE	60
8	Robotics And Artificial Intelligence		60
9	Computer Science And Engineering (Cyber Security)		60
M. Tech			
10	Computer Science And Engineering	Intake Sanctioned by AICTE	18
11	Mechanical Engineering	675761210	12

Admission Eligibility Criteria

B.Tech is a 4-year long undergraduate engineering degree offered in various specializations such as Computer Science Engineering, Mechanical Engineering, Civil Engineering, etc. Candidates must have passed their 10+2 with PCM or PCB/Voc. a minimum of 40% marks for reserved category seats and 45% for open categories students to be eligible for B.Tech Admission 2024.

For more information visit to official website <https://cetcell.mahacet.org>

Scholarship Scheme

Sr. No.	Department	Scheme	Income Limit	Scheme Benefits
1.	Directorate of Technical Education	Dr Punjabrao Deshmukh Vastigruh Nirvah Bhatta Yojna (DTE)	For child of Registered Labor / Alpabhudharak (Marginal Land Holder). 8.00 Lacs	Only Hosteller
		Rajarshi Chhatrapati Shahu Maharaj Shikshan ShulkhShishyavruttiYojna(EB)	Parent's annual income should be less than or equal to 8.00 Lacs	Tuition Fee 50%
		Scholarship for students of minority communities pursuing Higher and Professional courses(DTE)	Parent's annual income should be less than or equal to 8.00 Lacs	As Per Govt. rule Only 25000/-
2.	OBC, SEBC, VJNT & SBC Welfare Department	Post Matric Scholarship to OBC Students	The parents/Guardians annual Income should be less than or equal to Rs.1.50 Lacs	Tuition Fee 50%
		Post Matric Scholarship to SBC Students	The parents/Guardians annual Income should be less than or equal to Rs.1.50 Lacs	Tuition Fee Full
		Post Matric Scholarship to VJNT Students	The parents/Guardians annual Income should be less than or equal to Rs.1.50 Lacs	Tuition Fee Full
		Tuition Fees and Examination Fees to OBC Students	Parent's annual income should be less than or equal to 8.00 Lacs	Tuition Fee 50%
		Tuition Fees and Examination Fees to SBC Students	Parent's annual income should be less than or equal to 8.00 Lacs	Tuition Fee Full
		Tuition Fees and Examination Fees to VJNT Students	Parent's annual income should be less than or equal to 8.00 Lacs	Tuition Fee Full
3.	Social Justice and Special Assistance Department	Government of India Post-Matric Scholarship	The parents/Guardians annual Income should be less than or equal to Rs.2.50 Lacs	Tuition Fee + Development Fee Full
		Post-Matric Tuition Fee and Examination Fee (Freeship)	Unlimited.	Tuition Fee + Development Fee Full
4.	Tribal Development Department	Post Matric Scholarship Scheme (Government Of India)	The parents/Guardians annual Income should be less than or equal to Rs.2.50 Lacs	Tuition Fee + Development Fee Full
		Vocational Education Fee Reimbursement	Unlimited.	Tuition Fee + Development Fee Full

Department of Artificial Intelligence and Data Science

About Department



Dr. Praveen R Barapatre
HOD

As AI & DS continue to evolve, these skills will remain highly sought-after, making it a future-proof career choice. The field doesn't solely focus on technical skills. Communication, problem-solving, and critical thinking are equally important for success. Due to the fast-paced nature of AI & DS, continuous learning and up skilling are essential for staying relevant. The skills can be leveraged to develop innovative AI & DS solutions and potentially launch your own start-up. Overall, the career scope of AI & DS is exceptional, offering a plethora of opportunities for those with the required skills and dedication. If you're interested in this field, consider pursuing relevant education and actively developing your skillset to tap into this exciting and impactful domain.

Vision

Developing AI & DS applications that addresses regional challenges and empowering innovation and challenges, to become a leading rural AI & DS hub.

Mission

M1: Emphasizing responsible AI development that considers social and environmental factors specific to the region.

M2: Educating the public about the potential benefits and responsible use of AI & DS technologies.

M3: Facilitating internships and research projects with AI & DS companies to bridge the gap between theory and practice.

Career Scope

Data Scientist Machine Learning Engineer

Data Analyst AI Engineer

Data Architect Business Intelligence Developer

Computer Vision Engineer Research Scientist (AI/DS)

Department Faculty

Sr. No.	Name of Faculty	Designation	Qualification	Experience in Years
1	Dr. Barapatre P. R.	HOD & Asso. Professor	Ph. D.	13
1	Prof. Tapase H. O.	Asst. Professor	M. E.	8

Faculty Achievements

Prof. H.O.Tapase -Completed an NPTEL Course on "Database Management Systems"

Students Achievements

- Laukik Ingale-Basketball Participated at University level-Ashwamedh Tournament.
- Vighnesh Ghorpade -Cricket-Participated Inter-zonal Tournament of DBATU
- Aniruddha Nalawade, Atharv Ghorpade, Aryan Nalawade-Cricket-Third Prize-Swami Vivekanand Cup 2024 organized by ABVP.
- Ganesh Deshmukh-National Level Project Competition-Participated-Navsahyadri College of Engineering,

Paper Publications (Students and Teachers) : NA

Workshop/FDP/SDP/STTP

Organized: 00 Attended: 03

Students Awards :

Aniruddha Pardeshi, Atharv Ghorpade, Aryan Ghorpade-Cricket-Third Prize-Swami Vivekanand Cup 2024 organized by ABVP.

Patents :

Prof. H.O.Tapase Design patent on Waste Management System

Add-on Courses (offers) :

Department of AI&DS Department had organized 60 Hrs. Add on Course on Soft skill development for students and conducted by VIOSA Pvt. Ltd.

Guest Lectures : 01 Industry Visits : NA

Sponsored Labs :

AI&DS Department is having one "Intel Unnati Lab" sponsored by Intel

IIC/ACE/IEEE/ Student Chapter etc :



Students Club:

Artificial Intelligence and Data Science engineering Students Association, named "Artificial Intelligence Active Student Association (AIASA), a platform for students to explore, learn, and innovate in the fields of artificial intelligence and data science. The AIASA helps Students to improve their vision for the association, emphasizing the importance of collaboration and knowledge sharing.

Internship Program (Students Count) - NA

Campus Drive - NA

Pride Alumina of Department - NA



Prof. Chandrabhas B. Patil
HOD

M-Tech (Structures), PhD pursuing.

Department of Civil Engineering

About Department

As the Head of the Civil Engineering Department, it is my pleasure to introduce you to our vibrant community of scholars, innovators, and future leaders in engineering. At the heart of our mission is a commitment to excellence in education. We pride ourselves on offering a comprehensive curriculum that blends theoretical foundations with hands-on experiential learning. Our students benefit from state-of-the-art facilities, dedicated faculty mentors, and access to cutting-edge technology, preparing them for success in a rapidly evolving field.

Vision

To become centre of excellence by producing Civil Engineers having research and development activity, sound technical knowledge, professional skills and social awareness to serve society.

Mission

M1: To impart quality technical education through interactive teaching learning method.

M2: To promote research and development activity by encouraging creativity and exposure to real world problem.

M3: To mentor students for innovating thinking with relevance to entrepreneurship

M4: To develop social awareness in graduates to serve society.

Career Scope

- Civil engineering offers a wide range of career opportunities in various sectors, including construction, infrastructure development, environmental engineering, and urban planning.
- Civil engineers can work in public sectors / Government sectors through MPSC & UPSC preparation

Department Faculty

Sr. No.	Name of Faculty	Designation	Qualification	Experience in Years
1	Mr. C. B. Patil	HOD & Asst. Professor	M-Tech (Structures), PhD Pursuing	13
2	Mr. P. G. Borate	Asst. Professor	M.E.(Civil & Water Management)	9
3	Mr. A. S. Shah	Asst. Professor	M.E.(Structure)	8
4	Mr. A. N. Shaikh	Asst. Professor	M.E.(Construction Management)	9
5	Mrs. V. P. Pawar	Asst. Professor	M. E. (Construction Management)	05 (Teach) +16 (Ind.)
6	Mrs. S.S.Jadhav	Asst. Professor	M.E.(Structure)	15 (Teach) +10(Ind.)
7	Dr.S.A.Kakade	Asst. Professor	Ph.D.(Structure)	08 Years (Teaching)

Faculty Achievements

Prof. A. N. Shaikh has awarded as '**Best Faculty Contribution in ISTE Activity**'.

Prof. P.G. Borate-1, Prof. A.S. Shah-1, Prof. A.N. Shaikh-2 total 4 Patent registered in research.

Mrs. S.S.Jadhav has successfully completed the 3 NPTEL course in a single semester.

Prof. A.N. Shaikh is working as SPOC coordinator of NPTEL.

Students Achievements

1. Mr. Rajesh Yewale, Mr. Aniket Jagadale and Mr. Tejas Kulkarni get selected in a company 'Maitri Interior Project Pvt. Ltd. Mumbai' through placement drive.

2. Mr. Yogesh Kalel gets selected in Indian Army.

Patent (Students and Teachers):- 04 Paper

Publications (Students and Teachers) : 05

Workshop/FDP/SDP/STTP

Organized: 05FDP+ 2 SDP

Attended: 12

Final Year Topper



Raut Prashant Balasaheb
(AY: 2022-23)



Desai Sayali Shankar
(AY: 2021-22)



More Amit Prakash
(AY: 2020-21)

Industry Interface MOU's



Higher package paid



Nikam Siddhant Amol
(8.50 LPA Approx.)



Gole Pranav Ganpat
(PWD 6 LPA Approx.)



Salate Dipak Laxman
(MHADA 6 LPA Approx.)

Laboratory Photos



Total Investment on the laboratories (Cost) =

Rs.26,00,000/-

Students Awards

Students Awards:

1. Pawar Shrikant and Bagwan Saqeeb got 2nd prize in 4th National level conference on Recent Trends in Engineering and Technology, Organized by KBPCOE, Satara.

2. Vanjari Dnyaneshwari and Jagtap Adarsh Vijay get Elite NPTEL certificate.

Patents:

Brick Quality Evaluating Machine Prof. P.G. Borate
Footstep-Powered Energy Generation Device - Prof. A.S. Shah

Seismic Zone Analysing Device Prof. A.N. Shaikh

Road pothole repairing machine Prof. A.N. Shaikh

Add-on Courses (offers):

Managing Tools using Auto CAD, Staad Pro v8i Software Analysis.

Drone Technology.

Guest Lectures : 05

Numbers Industry Visits : 08 numbers

Sponsored Labs :

BENTLEY SOFTWARE, PUNE

IIC/ACE/IEEE/ Student Chapter etc:



Internship Program (Students Count): 160+ completed training.

Campus Drive:

Maitri Interior Project Pvt. Ltd. Mumbai. PPS Infratech Pvt. Ltd., Pune. Magic stone, Pune

BAI, Satara. Rudra Enterprises, Nashik. Medispray, Satara. Indian Institutes of Valuar, Satara.

Pride Alumina of Department:

- Nikam Siddhant Amol Selected in MHADA.
- Gole Pranav Ganapat Selected in PWD.

Department of Computer Science & Engineering B. Tech and M. Tech



Dr. Sarita V. Balshetwar

HOD

M. Tech, Ph.D.CSE

About Department

We want the education by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on one's own feet." The Department of Computer Science and engineering has recorded consistent improvement in its Academic, Placement and Research performance. We are confident that our current curriculum has enabled the overall development of budding professional to meet the expectations of the corporate and research world. During study at the department, the students are encouraged to get hands-on experience in the potential areas desired by corporate world and research organizations.

Vision

To lead in technical, quality education, innovation, research for development of sustainable & inclusive technology for the society

Mission

M1 : To create ambience of academic excellence through state of art infrastructure

M2 : To create student-centric pedagogy that will lead to employability.

M3 : To create a software engineering professional with knowledge of multidisciplinary fields, can provide innovative products & service to society.

M4 : To train and motivate the students for lifelong learning, employability, and entrepreneurship

Career Scope

Computer Science is so much more than just coding or programming, being practical in nature, it encapsulates all the technological plethora and makes it one of the most blooming and diverse industries in today's time i.e UX developer, Mobile and Web App Developer, Web Developer, Software Developer, IT Project Manager, AI & ML Engineer, Information Security Analyst, Systems Architect, Video Game Developer, and Computer Hardware Engineer. Owing to its relevance and the benefits the course brings with it, Computer Science is highly required in prominent sectors of our country.

Department Faculty

Sr. No.	Name of Faculty	Designation	Qualification	Experience in Years
1	Dr. Balshetwar S.V.	HOD&Asso. Professor	M. Tech, Ph.D.	17
2	Prof. Nalawade S.R.	Asst. Professor	M. Tech Ph.D. Pursuing	13
3	Prof. Jagtap K.P.	Asst. Professor	M.Tech.(CSE)	12
4	Prof. Hakke D.G.	Asst. Professor	M. Tech, Ph.D. Pursuing	9
5	Prof. Chavan V.D.	Asst. Professor	M.E.(CSE)	10
6	Prof. Dineshkumar P.	Asst. Professor	M.E.(High Voltage Engg.)	
7	Prof. Lokhande T.B.	Asst. Professor	M.Tech .(CSE)	3

Faculty Achievements

Dr. S V Balshetwar-2 patent published,

Students Achievements

Karina Vithal Rathod- Avishkar 2024 - Research Competition,
Kartik Pawar- Zonal Chess-Competition, Sanket Lohar- Zonal Chess-Competition
Karina Vithal Rathod- Zonal Level (Satara-Kolhapur Zone) Avishkar
Anand Dilip Shinde- Zonal Level (Satara-Kolhapur Zone) Avishkar

Patent (Students and Teachers): - 02 Paper Publications (Students and Teachers): 31

Workshop/FDP/SDP/STTP

Organized: 03 FDP+ 03 SDP

Attended: NA

Final Year Topper



Katkar Kajal Namdeo
(AY: 2022-23)



Gaikwad Ankita Nandkumar
(AY: 2021-22)



Dhumal Nikita Rajendra
(AY: 2020-21)

Industry Interface MOU's



Higher package paid



Mr. Chetan Mane
One.com India Pvt Ltd Delhi | Package: - 26 LPA

Students Achievements

Students Awards:-

Omkar S Shinde-NPTEL Online Certification
Satyajeet Shahaji Jagtap-NPTEL Online Certification.

Patents:-02

Huzefa Ajamuddin Momin (Final B.Tech) Patent
Granted On Waste Management System

Add-on Courses (offers):-02

Guest Lectures: 07 numbers Industry Visits: 02 numbers

Sponsored Labs:-

(Adi Technology & Intel Unnati)

IIC/ACE/IEEE/ Student Chapter etc:



Students Club:-

CISCO, Coding, Music.

Internship Program (Students Count):-

148+completed training.

Campus Drive-NA

Laboratory Photos



Total Investment on the laboratories (Cost):-

RS 49,92,700/-

Department of Electronics and Telecommunication Engineering



Prof. Dr. Santosh S. Itraj

HOD

M. E. Electronics, Ph.D.

About Department

Department of Electronics and Tele-Communication Engineering is one of the leading departments in the YSPM College having excellent infrastructure and dedicated team to cater to the needs of the students and ensure the holistic development of the individual student.

We aim to impart outstanding education and qualities to our students to become leader in their professions. We are working hard to develop expertise for consultancy activities by providing thrust for Industry-Institute Interaction. The academic strength of the faculty in the E&TC department is crucial for delivering quality education.

Vision

To be an excellent technological hub in the field of Electronics and Telecommunication Engineering ensuring state of the art knowledge transfer through teaching and research activities to meet educational, societal, ethical need of the nation.

Mission

M1 : To Provide cutting edge platform to explore innovative, creative and entrepreneurial leadership qualities among the students.

M2 : To be hungry for academic excellence through innovative procedure.

M3 : To inculcate leadership quality and ethical values.

M4 : To accept / face technological challenges through the continuous efforts in collaboration with industry.

Career Scope

Educational Industry Civil services Government sectors Indian railway , Reaserch , NTPC , BELL Lab , Irrigation , BSNL, TIFR , Defense services Private sectors. Mechanical Industries, IT Sector , Automobile Industries , VLSI Industries, Home Appliances Industries , s, Medical Electronics, Signal Processing Communication industries-Mobile Industries, Service Providers, Satellite Communication.

Department Faculty

Sr. No.	Name of Faculty	Designation	Qualification	Experience in Years
1	Dr. Santosh Sudhakar Itraj	HOD	M. E. Electronics, Ph.D.	35
2	Dr. Mohite Amruta Umesh	Asst. Professor	M.E. Ph.D.	18
3	Prof. Patel Jahir Husen	Asst. Professor	M.E.(E&TC) Ph.D(Pursuing)	22 Years
4	Prof. Idate Ketaki Vaibhav	Asst. Professor	M.E. (Digital System)	3.5 Years
5	Mrs. Pandit Vaishnavi Avadhoot	Asst. Professor	M.E.(Electronics)	
6	Mr. Kharaje Narayan Pandurang	Asst. Professor	M.E.(Electronics)	
7	Ms. Kambale Pallavi Dilip	Asst. Professor	M.E.(VLSI & Embedded)	
8	Mr. Amit Pandey	Asst. Professor	M.Tech. (Instrumentation)	

Faculty Achievements

Dr. Santosh Sudhakar Itraj has secured NPTEL Rank 1 (Elite Gold) Sep_24 in DSP subject

All faculty members of department has awarded patents by Govt. of India in Electronics domain , Faulty Member of department Dr. Santosh S. Itraj has enlisted in the world ranking scientist list published by AD scientific Index.

Students Achievements

- Students awarded patents by Govt. of India in Electronics domain for their projects
- Winner up and Runner up various National Level Quiz competition
- Department students has been selected for DBATU, Lonere Kabbadi zonal team

Paper Publications (Students and Teachers): 20

Workshop/FDP/SDP/STTP

Organized: 02 FDP + 02 SDP Attended: 10

Final Year Topper



Gaikwad Ankita Nandkumar
(AY: 2022-23)



Dhumal Nikita Rajendra
(AY: 2021-22)



Shinde Sayali Adhikrao
(AY: 2020-21)

Pride Alumina

- 1) Ms. Supriya Vijay Jadhav has secured 6th Rank in Shivaji University AY 2015-16 & highest package 10.8 lakh, AY 2020-21.
- 2) Ms. Priyanka Sawant, Software Engineer in Nihilent Ltd, Pune with package 13 lakh AY 17-18
- 3) Thorat Vishal Vitthal, System Engineer, Heptavision Bur Dubai, Dubai with package

Industry Interface MOU's



Higher package paid



Miss. Priyanka Sawant
Nihilent Ltd, Pune
| Package: - 13 LPA



Miss. Shivani Mulik
NCSI Technologies, Pune
| Package: - 7.3 LPA



Mr. Avihkar Londhe
Ria Advisory LLP, Mumbai
| Package: - 5.5 LPA



Miss. Payal Mane
Yardi, Pune
| Package: - 5 LPA

Students Awards

Add-on Courses (offers):

VLSI Technology Application of MATLAB in Signal Processing

Guest Lectures :- 20

Industry Visits: 4

Sponsored Labs

VLSI Lab by SciTech Technologies Pvt Ltd

IIC/ACE/IEEE/ Student Chapter etc:



IEEE

Students Club

The ETSA (Electronics and Telecommunication Students Association) club at Yashoda Technical Campus.

Internship Program (Students Count): 84+ completed training.

Campus Drive:

Wipro, Pune Infosys, Pune Mind tree, Pune Tata Consultancy Services, Pune

NCSI Technologies (India) Private Limited, Pune, Yardi, Pune

East Sun Electronics India, Pune Bosch Global Software Technologies, Bangalore

Atos, Pune Flex Private Limited, Pune IA Advisory Llp, Mumbai ACPL

Cummins India Ltd, Phaltan SFOT Technologies Pvt Ltd

Chakan BSA Corporation (Te Connectivity) Shirwal

Laboratory Photos



Total Investment on the laboratories (Cost)

Rs.58,60,778/-

Department of Electrical Engineering



Dr. N. M. Jamadar,
HOD

PhD Electrical Engineering

About Department

The Department has been immensely active and professionally productive since its inception in 2011. Presently, the department has U.G. Program with more than 100 undergraduate students. Since the commencement of the program, the department has made sincere efforts in the development of students through effective teaching learning processes, training and industrial visits. The students graduated from our department have been securing good placements in Private and Public sectors. The Department is having mixture of well experienced and young, enthusiastic faculty members. The Laboratories are well equipped with Latest Experimental and Computational Facilities. Industry Interaction has been increased with industry-sponsored projects. The Department has the state-of-the-art facilities for various laboratories, a well-equipped seminar hall, Wi-Fi enabled class rooms to support e-Learning, and a department library

Mission

M1: Preparing technically and professionally competent engineers by imparting quality education through effective teaching learning methodologies.

M2: Developing professional skills and right attitude among students that will help them to succeed and progress in their personal and professional career.

M3: Inculcating moral and ethical values in students with concern to society and environment.

Career Scope

Electrical engineering in India offers diverse career opportunities in power generation, distribution, and renewable energy sectors. With rapid technological advancements, roles span from designing electrical systems to managing complex projects. Opportunities exist in government organizations, private firms, research institutions, and startups. Specializations include electric vehicles, power systems, electronics, telecommunications, and automation. With India's emphasis on infrastructure development and renewable energy, demand for skilled electrical engineers is high. Additionally, avenues in software development and consultancy are emerging. Continuous learning and staying updated with industry trends are essential for career growth and sustainability in this dynamic field.

Department Faculty

Sr. No.	Name of Faculty	Designation	Qualification	Experience in Years
1	Dr. Jamadar N. M.	HOD & Asso. Professor	M.Tech Ph.D(Electric Vehicles)	11
2	Dr. D. K. Mahadik	Asst. Professor	M.E Ph.D	20
3	Prof. S. Singh	Asst. Professor	M.E. (Power System)	11
4	Prof. S. N. Jamadar	Asst. Professor	M.Tech Ph.D .(Pursuing)	09
5	Prof. S. P. Nalawade	Asst. Professor	M.E. (Power System)	07
6	Prof. Hindinamani S. R.	Asst. Professor	M.Tech.(Energy System)	

Faculty Achievements

Dr. N. M. Jamadar working as Reviewer for International Journals and got place in Ranking of Scientist AD Scientific Index.

Dr. D. K. Mahadik Working as reviewer in various international Journals and awarded by RULA for research in renewable energy.

Students Achievements

- Aman Mulani- Avishkar Institute level winner organized by DBATU Lonere
- Prasad Nalawade-Fit India Movement organized by AICTE, New Delhi
- Rushikesh Bachal National sports meet -2022 State team Player

Patent (Students and Teachers): - 18 Paper Publications (Students and Teachers): 36

Workshop/FDP/SDP/STTP

Organized: 02 Attended: 88

Final Year Topper



Kamble Pramila Bapusaheb
(AY: 2022-23)



Barge Vitthal Nivruti
(AY: 2021-22)



Toraskar Rupali Rajaram
(AY: 2020-21)

Pride Alumina

1) Ms. Supriya Vijay Jadhav has secured 6th Rank in Shivaji University AY 2015-16 & highest package 10.8 lakh, AY 2020-21.

2) Ms. Priyanka Sawant, Software Engineer in Nihilent Ltd, Pune with package 13 lakh AY 17-18

3) Thorat Vishal Vitthal, System Engineer, Heptavision Bur Dubai, Dubai with package

Industry Interface MOU's



Higher package paid

Jadhav Namrata Narendra
BYJU's Learning
| Package: - 8 LPA

Kamble Aakash Sudam
Aqualite Industries
| Package: - 5.3 LPA

Prathamesh Subhash Rananaware
Tata Technologies Ltd.
| Package: - 4.6 LPA

Students Awards

Patents:

Dr. N. M. Jamadar 04 Dr. D. K. Mahadik 09

Prof. S. N. Jamadar 03 Prof. Samarjit Singh 01

Prof. S. P. Nalawade 01

Add-on Courses (offers):

• Industrial Automation PLC and SCADA (250 Hours)

LED lamp Manufacturing Training (30 Hours)

Guest Lectures: 15 numbers Industry Visits: 05 numbers

Sponsored Labs:

Square Wave Automation Technologies Pvt. Ltd.
Technologies Pvt. Ltd.

IIC/ACE/IEEE/ Student Chapter etc:

IAE student chapter.

Students Club: Electrical Engineering Students Association (EESA).

Internship Program (Students Count): 79

Campus Drive:

Mphasis Ltd | Virtuoso Projects & Engineers PVT. LTD

Analogic automation pvt. ltd.

Shini Plastics Technologies India Pvt.Ltd.

Capgemini | Tata Consultancy Services Limited

Cognizant | Sanlec Automation

TCS | Burns McDonnell

Atos | Infosys

Laboratory Photos



**Total Investment on the laboratories (Cost) -
Rs. 8,20,000/-**



Prof. Dr. T. R. Shinde
HOD

Ph. D. Metallurgy & Materials Science

Department of Mechanical Engineering

About Department

Department of Mechanical Engineering is equipped with six laboratories as per DBATU Syllabus along with full-fledged Mechanical Workshop. Department has seven faculty members including one doctorate, three PhD pursuing faculty members. Second year students of the department are student members of Indian Society for Technical Education (ISTE) as well as ISHRAE. The department believes in building strong research culture which has been reflected in terms of eight patents and nearly ten research publications in peer reviewed journals.

Vision

To be identified as a department with excellence in academics by synergism of teaching-learning, skill development and research.

Mission

M1: To develop state of the art facilities to stimulate faculty, staff and students to create, analyse, apply and disseminate knowledge.

M2: To hone employability and entrepreneurship skills of the students through industry-institute interaction.

M3: To create an environment for the students to excel in mechanical engineering field, engage in research and development activity and participate in professional activities.

M4: To develop an ability to use techniques, skills, modern software and machine tools necessary in the practice of Mechanical Engineering Profession.

Career Scope

Mechanical Engineering offers numerous career opportunities in the field of Design, Materials, Manufacturing, Energy Generation, Transmission etc. to name a few. This branch not only offers career scope in the field of Private sector, but also in the Defence, Aerospace, Nuclear as well as Power sectors in various Government Organizations. Being a basic branch of Engineering, it also creates a baseline for other areas such as Automation, Robotics, Mechatronics, etc. Students can develop as a versatile character once they opt for Mechanical Engineering at the graduation level.

Department Faculty

Sr. No.	Name of Faculty	Designation	Qualification	Experience in Years
1	Dr. Shinde T. R.	HOD & Asso. Professor	Ph. D. Metallurgy & Materials Science	16
2	Prof. Maner V. B.	Asst. Professor	M. Tech. Ph.D. Pursuing	10
3	Prof. Shivade A. S.	Asst. Professor	M.E. Ph.D. Pursuing	11
4	Prof. Raut S. K.	Asst. Professor	M.E. (Heat Power Engineering)	11
5	Prof. Rathod M. L.	Asst. Professor	M. Tech. Ph.D. Pursuing	10
6	Prof. Nimbalkar P. P.	Asst. Professor	M.E. (Design Engineering)	9
7	Prof. Atpadkar A. B.	Asst. Professor	M.E. (Design Engineering)	7
8	Mr. Jagtap A. V.	Asst. Professor	M. E. (Mech.HPE)	

Faculty Achievements

Dr. T. R. Shinde -Best Paper Award by Institution of Engineers (India) for paper in Springer, 3 Patents published
 Prof. V. B. Maner-2 Patents published.Prof. A. S. Shivade-1 Patents published.(Submitted Ph. D. Thesis to Shivaji University, Kolhapur).Prof. S. K. Raut-2 Patents published. Prof. M. L. Rathod-2 Patents published.
 Prof. A. B. Atpadkar-1 Patents published.

Students Achievements

1. Swapnil Patil and Siddharth Raut (TY B.Tech.)- Third prize in AQUEST Quiz Competition organized by ISHRAE Kolhapur Chapter,
2. Kunal Bagade, Omkar Jangam, Kaustubh Pathak (TY B.Tech.)-Presentation of paper in International Conference CPIE organized by NIT Jalandhar,
3. Kunal Bagade, Shivraj Sakate, Suraj Salunkhe (Final Yr. B. Tech.) -Participation in Zonal Level Round in Avishkar.
4. Prathmesh Shinde, Ganesh Shelar, Prathamesh Nalawade, Nitin Yadav (SY & B. Tech.)-DBATU Zonal Level Round Kabbaddi,
5. Prathamesh Shinde -DBATU Zonal Level Round Volleyball ,
6. Pratik Waghmare SY B.Tech.-DBATU Zonal Level Round Football.
7. Prajakta Jadhav B.Tech.-Cummins Scholarship Akshay Patil, Shivraj Chavan, Shivraj Sakate, Kunal Bagade (Final Yr. B.Tech.) Third prize in Rotarix- 23 Project exhibition organized by Rotary Club.

Patent(Students and Teachers): - 07 Paper Publications (Students and Teachers) : 12

Workshop/FDP/SDP/STTP

Organized: FDP 02 Attended: NA

Final Year Topper



Prajakta Vishwas Jadhav (AY: 2022-23)



(AY: 2021-22)



(AY: 2020-21)

Pride Alumina

Pride Alumina of Department:

Preeti Kate-General Electric
Tejas Jadhav-Shrinath Automobiles
Onkar Sukate-Bridgestone, Pune
Prashant Kalani-Akashganga Industries, Satara (Entrepreneur)

Industry Interface MOU's



Higher package paid



Kapil Phatak
Saveta Engineering Co.
Pvt Ltd.
| Package: - 10 LPA



Prathamesh Pramod Zunjarrao
BYJU'S
| Package: - 8 LPA



Prajakta Vishwas Jadhav
Tata Secosa
| Package: - 3.50 LPA



Preeti Kate
General Electric
| Package: -3.60 LPA

Students Awards

Students Awards: NA Patents: 07

Add-on Courses (offers):

Solid Works Geometric Dimensions and Tolerances

Guest Lectures: NA Industry Visits: 04 numbers

Sponsored Labs:

Department has an Industry sponsored Laboratory of Solid Works by Dassault Systems.

IIC/ACE/IEEE/ Student Chapter etc :



Students Club

Mechanical department has a student club of Mechanical Engineering Students Association (MESA). MESA organizes guest lectures for students on different topics. Industry experts visit institute and deliver the lectures.

Internship Program (Students Count) : 55 + completed training.

Campus Drive:

Campus placement drive was organized by Training and Placement office for Spark Ltd. And Gpro Drives, Satara. Two students were shortlisted for Spark Ltd. And four students were shortlisted for GPro Drives Ltd. From Final year Mechanical Engineering.

Pride Alumina of Department:

Preeti Kate-General Electric
Tejas Jadhav-Shrinath Automobiles
Onkar Sukate-Bridgestone, Pune
Prashant Kalani-Akashganga Industries, Satara (Entrepreneur)

Laboratory Photos



Total Investment on the laboratories (Cost) =

Rs. : 61,04,059/-

Annual Sports



Republic Day



Shivjayanti



Annula Gathering



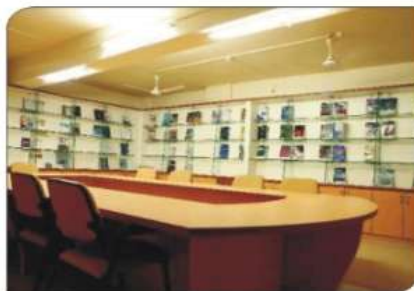
Ramlalla Pranpratishtha



Campus Facilities



Computer Centre



Reading Room



Central Library



Gymkhana



Transport



Canteen

B. The Rules/Regulations of Government and Public Sector bodies relating to conduct and discipline should include rules/regulations prohibiting sexual harassment and provide for appropriate penalties in such rules against the offender.

C. As regards private employers, steps should be taken to include the aforesaid prohibitions in the standing orders under the Industrial Employment (Standing Orders) Act, 1946.

D. Appropriate work conditions should be provided in respect of work, leisure, health and hygiene to further ensure that there is no hostile environment towards women at work places and no employee woman should have reasonable grounds to believe that she is disadvantaged in connection with her employment.

Disciplinary Action

Where such conduct amounts to misconduct in employment as defined by the relevant service rules, appropriate disciplinary action should be initiated by the employer in accordance with those rules.

Campus Rules and Code of Conduct for Students

Every student of the College shall conduct himself/herself in a disciplined manner both inside and outside the campus. He/she is expected to strictly adhere to the rules and regulations of the college.

General Rules

- Ragging/harassment in any form is banned in the campus.
 - Student must be regular in attendance for theory and practical classes. In case the attendance falling short of 75% for theory and 100 % for practical, term will not be granted.
 - Students must put-on college I-Card every day, failing to do so will invite disciplinary action.
 - Student must attend the college in uniform on the specified days (Monday and Thursday). Apart from the two-week days, the Dress Code has to be followed on all official occasions including annual function, placement related programmes, special lectures, industrial visit, exam period etc. Students should come to the class room in a decent and presentable attire.
 - Mobile phones should be switched off during lecture hour and on 'Silent mode' in the Institute premises. Student should park their vehicles in the student parking space only.
 - Use of Internet for the purpose other than academic related activities is banned.
 - Students should read the notice board every day.
 - Smoking and use of alcohol/drugs strictly prohibited within the campus.
 - Students shall not cause damage of property or financial loss to the college. In the event the college suffers any damage or loss, financial or otherwise, the concerned student will be liable for compensation of such loss
- Writing on class room walls, desk, benches, door, toilet wall or pasting of posters on the wall are strictly
- banned.

Anti-ragging Rules

- As per Maharashtra State Prohibition of Ragging Act No. XXXIII of 1999, ragging is strictly prohibited, in the College premises.
- Any individual or group of individuals indulging in an act or practice of ragging constitutes gross indiscipline and such individual/ group shall be dealt with as per the Act.
- The ragging includes individual or collective acts or practices that involve physical assault or threat or use of physical force, which violate the status, dignity, and honour of any student.
- The individual or the group of individuals accused, of ragging and subsequently found guilty will be liable for expulsion as per the provisions of the Act and the directives given by the Honourable Supreme court of India.

As per the Act; Students shall not:

- Violate the status, dignity and honour of other students. Violate the status, dignity and honour of SC and ST students.
- Expose, students to ridicule and contempt thereby affect their self-esteem.
- Expose, students to ridicule and contempt thereby affect their self-esteem.
- Entail in verbal abuse and aggression, indecent gestures and obscene behaviour. The, Principal/ the Anti Ragging Committee shall take immediate action on any information of the occurrence of ragging. All cases of ragging should be reported in confidence by the aggrieved party, in writing, to the principal.

YTC's **Faculty of Engineering** ensures Zero Tolerance towards Sexual Harassment

Zero Tolerance towards Sexual Harassment is a violation of women's right to equality, life and liberty. It creates an insecure and hostile work environment. College has Internal complaints committee for creating awareness on this topic and on receipt of a written complaint it will initiate proceedings as per the guidelines.

Sexual Harassment at workplace (Prevention, Prohibition and Redressal) Act, 2013 defines sexual harassment as-

1. Unwanted physical contact and advances
2. Uninvited demand or request for sexual Favors.
3. Unwanted sexually coloured remarks.
4. Unwelcome display of pornography.
5. Any other unwelcome physical, verbal or nonverbal conduct of a sexual nature.

Where any of these acts is committed in circumstances where-under the victim of such conduct has a reasonable apprehension that in relation to the victim's employment or work whether she is drawing salary, or honorarium or voluntary, whether in government, public or private enterprise such conduct can be humiliating and may constitute a health and safety problem. It is discriminatory for instance when the woman has reasonable grounds to believe that her objection would disadvantage her in connection with her employment or work including recruiting or promotion or when it creates a hostile work environment. Adverse consequences might be visited if the victim does not consent to the conduct in question or raises any objection there to.

Preventive Steps

All employers or persons in charge of work place whether in public or private sector should take appropriate steps to prevent sexual harassment. Without prejudice to the generality of this obligation they should take the following steps:

A. Express prohibition of sexual harassment as defined above at the work place should be notified, published and circulated in appropriate ways.



मराठी माध्यम

- कर्मवीर डॉ. मामासाहेब जगदाळे प्राथमिक शाळा, यशोदानगर, गोडोली, सातारा. मो. नं. ९५७९९९४२९३
- कर्मवीर डॉ. मामासाहेब जगदाळे बालक मंदीर, यशोदानगर, गोडोली, सातारा. मो. नं. ९५७९९९४२९३
- लोकनेते सुबराव कदम ज्यु. कॉलेज ऑफ आर्टस्, कॉमर्स अँड सायन्स, यशोदा संकुल, सातारा. मो. नं. ८३२९९९६३७२
- साधना बालविहार, यशोदासंकुल, सातारा. मो. नं. ८३२९९९६३७२
- साधना प्राथमिक शाळा, यशोदासंकुल, सातारा. मो. नं. ८३२९९९६३७२
- साधना माध्यमिक विद्यालय यशोदा संकुल, सातारा. मो. नं. ८३२९९९६३७२
- न्यु इंग्लिश स्कूल, नुने, ता. पाटण मोबा. : ७५०७००४५५५
- माध्यमिक न्यु इंग्लिश स्कूल, राधिकानगर, विलासपूर, सातारा. मोबा. ९४२२०३८५५०

English Medium

- Yashoda Public School, Satara. (C.B.S.E.) Mob. : 9011954660
- Yashoda Jr. College of Science & Commerce. Wadhe, NH4 Highway, Satara. Ph. (02162) 271238
- Sadhana English Medium School, Yashodanagar, Satara. Mob. : 8767311252

YSPM

- College of Engineering (B. Tech. & M. Tech.) Ph. (02162) 271238 Mob. : 9892536540
- College of Polytechnic Ph. (02162) 271238 Mob. : 9830926618
- College of Pharmacy (D. Pharm, B. Pharm, M. Pharm) Ph. (02162) 271239 Mob. : 9561427469
- College of Architecture Ph. (02162) 271238 Mob. : 9665550226
- College of B. B. A. & M. B. A. Ph. (02162) 271238 Mob. : 9623285825
- College of B. C. A. & M. C. A. Ph. (02162) 271238 Mob. : 8767094767
- Yashoda Junior College & Yashoda Academy (JEE / NEET) Mob. : 8551889226 / 7385889314

Proposed Programmes : BAMS | B. Sc. | LL. B. | ITI