



Vidya Pratishthan's
**Kamalnayan Bajaj Institute of
Engineering and Technology
Baramati**

www.vpkbiet.org





VISION

To Aid

Rural Development Through Quality Education at Affordable Cost

To Build

The Character of Learners through an All Encompassing Range of Curricular, Co-Curricular and Extra-Curricular Activities

To Provide

Value Based Engineering Education Complimented by State-of-The-Art Technology with Research Facilities, Keeping thrust on Technology, Industry and Environment

To Facilitate

Harmonious Growth of Budding Engineers through Excellence in Teaching and A Well-Rounded Motivational Approach

MISSION

Effective and Efficient Teaching Learning Process

Skill Development of Students in Need Based Areas

Transforming Higher Education for Sustainable Tomorrow

Encouraging Creativity and Critical Thinking

Personality Development Programmes

Quality Improvement Programmes for Faculties to Achieve High Academic Excellence

All-Round Development of Students for Meeting Emerging Challenges in Science & Technology and Social Interaction.

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From Principal's Desk.....

Greetings from VPKBIET..!



16 years ago, we embarked on a journey to become one of the leading engineering institutes in the State of Maharashtra with the motto to provide quality education at the affordable cost. Today we have the distinction of being amongst the best Engineering Colleges in the State of Maharashtra, and especially in the Savitribai Phule Pune University, Pune.

In keeping with the rich tradition of imparting quality education at the affordable cost, Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, VPKBIET, formerly known as Vidya Pratishthan's College of Engineering, VPCOE, was founded in the year 2000. Since then VPKBIET has endeavoured to produce globally competent budding engineers shining with technical excellence and it provides students with the privileges of unparalleled exposure to the global world.

Eminent faculties from IITs, Leading Premier Institutes and Industry Professionals visit our institute on a regular basis to deliver lectures and to conduct workshops and knowledge sessions.

Our in-house and visiting faculties bring with them rich experience that they have gained from the industries and higher institutes of learning and empower students with a real world perceptive in the classroom.

Technical events conducted through various student associations like VERISMO, Cultural events like NABHANGAN, FIRODIYA, and several such social initiative campaigns provide a great platform for holistic development of our students. In addition, students are encouraged to undertake various live projects along with their course work to gain exposure in the industry that they will be working in the near future.

As an Engineering institute, we have always fostered a culture of enterprise and resourcefulness among our students. We firmly believe that it is this ability which makes the transformation of a student into professional who is ready to take on bigger responsibilities and excel in the global engineering world.

We look forward to a long association and synergy with you all who are concerned with us directly or indirectly and welcome you to experience the rich culture of VPKBIET Baramati!

Vikas U. Deshmukh

Principal

Prominent Features

Campus at a Glance

- Recognized 'A' Grade Institute by Government of Maharashtra (2005)
- Experienced and Qualified Faculties from the best institutes of higher learning viz. IITs, NITs, IISc and Reputed Universities
- Well-Equipped Laboratories and Spacious Library
- High Computing Facilities with Advanced Networks
- Study Centre for GATE Examinations
- Full-Fledged Residential Campus
- Excellent Indoor and Outdoor Sports and Gymkhana Facility
- Separate Hostel for PG Girls Students

Extension Activities

- Remote and Nodal Center of IIT Bombay
- Centre of Excellence: IBM, Wipro and IGNOU-ISTE
- Recognized MHRD Center for Quality Enhancement in Engineering Education (QEEE)

Students Achievements

- Consistent Top University Results
- High Percentage of Students Qualify in GATE Examinations
- Regular Entry of our Students as Commissioned Officers in Armed Forces
- Students' Representation in Sports at State and National Level Competitions

Faculty Development Programs

- Faculty Deputation Schemes for Ph.D. under QIP at IITs / NITs and Govt. Institutes
- Regular Faculty Development Programmes through Summer/Winter Internships
- Faculty Deputation at Universities Abroad for Doctorate Programmes

Library Facilities

- Digital Library with e-Journals Springer, ASCE, DELNET
- Institutional Memberships of IIT Bombay Library, and NICMAR.
- CDEEP-IITB, NPTEL and QEEE Learning Resources
- Spacious Reading Hall
- Student Book Bank Scheme

Academic Associations and Memberships

- North Carolina State University, Raleigh, USA
- Lawrence Technological University, Detroit, USA
- Michigan Technological University, Houghton, USA
- University of Pardubice Studentska, Czech Republic
- MOU with College of Engineering, Pune
- MOU with Bharat Forge: Talent Search Scheme
- Memberships of various Technical Bodies viz. IETE, Institute of Engineers, IEEE, SAE, ASME, ISTE and CSI
- Member of Association of Common Wealth Universities (ACU), UK
- Member of Association of Indian Universities (AIU), New Delhi

Academic Programmes

Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology, VPKBIET is affiliated to Savitribai Phule Pune University, Pune and offers various Undergraduate and Post-Graduate engineering programmes which are approved by AICTE, New Delhi and Government of Maharashtra.

Bachelor of Engineering (B.E.) - Duration: 4 Years

Programme	Intake	Strength
Electronics & Tele. Comm. Engineering	120	480
Computer Engineering	60	240
Information Technology	60	240
Mechanical Engineering	60	240
Civil Engineering	60	240
Electrical Engineering	60	240

Master of Engineering (M.E.) - Duration: 2 Years

Programme	Intake	Strength
M.E. Computer Engineering	18	36
M.E. Electronics (Digital System)	18	36
M.E. Mechanical (Energy Engineering)	18	36
M.E. Mechanical (Design Engineering)	18	36
M.E. Civil (Structural Engineering)	18	36

Total Students Strength on the campus: 2162 || Boys:1205 || Girls: 957

M.E. Mechanical (Energy Engineering) course is the only course offered in the Savitribai Phule Pune University, Pune with specialization in Nuclear Engineering.

On Campus Amenities

Vidya Pratishthan has 26 Educational Institutions in lush green campus sprawling over 156 acres. It provides educational facilities to more than 25000 students from K.G. to Ph.D. Programs.

Boy's Hostels	Accommodation for 1200 (All boys are provided accommodation in hostels)
Girl's Hostels	Accommodation for 1500 (All girls are provided accommodation in hostels)
PG Student Hostel	Accommodation for Ladies : 100 Gents: 150
Guest House	02 Modern Suite, 10 Single and 10 Double Occupancy Rooms
Staff Quarters	224 Flats (4 Rooms-45, 3 Rooms-125, 2 Rooms-54)
Auditorium	Ga.Di.Ma. Auditorium with Seating Capacity of 2000 with a Modern Digital Dolby Sound System and Centralised AC System
Gymnasium	Spacious Gymnasium Supervised by Well-qualified Trainers
Community Centre	To Provide Basic Facilities including Bank, Stationary Store, Medical Store, Snacks and Daily Needs, etc.
Nakshatra Garden	The Jogging Track Encompassing the Garden Topped with Red Soil for Comfort of Daily Walkers and Joggers
Health Services	<ul style="list-style-type: none"> • First Aid, Medical Treatments to the Students, Faculty and Staff residing in the Vidya Pratishthan Campus. Ambulance on call 24 X 7 • The State Government Public Health Centre and Hospital having 25 beds with Emergency services adjacent to VPKBIET Campus

Insurance and Health Care Support

- Amartya Shikshan Yojana Policy for Students:

Accidental insurance covering the Full Cost of Education in case of parental loss.

- Accidental Insurance Policy for Staff and Students
- Mediclaim Support to all Non-Teaching Staff
- Free Health Check-up Camps

Modern Laboratories

Vibration Lab • Engineering Mechanics Lab • Language Lab Modern Antenna Design Lab • Advanced Computer Centre

1. Vibration Lab

Mechanical Engineering faculties have developed in-house Modern Vibration and Engineering Mechanics Laboratory under the close supervision and guidance of Dr. Suryajirao Bhonsle, Former Professor of Michigan Tech. University, Houghton, USA. This laboratory setup includes advanced equipment of National Instruments along with necessary software support.

This Modern Vibration Laboratory provides the platform to perform following state-of-the-art experiments:

1.	Determine spring constant and Natural Frequencies under different masses. Study of after effect of initial conditions on Natural Frequencies.
2.	Determine mass moment of inertia of a complicated mass about its rotating and centroidal axis.
3.	Study of the effect of linear and non linear rotating mass.
4.	Trifiler disc to determine mass moment of inertia of automobile & moving bodies.
5.	Determine damping coefficient 'C' using logarithmic decrement process.
6.	Determine natural frequencies of two mass systems under different initial conditions.
7.	Determine complex & periodic response of vibrating object and fit Fourier series function to such response.

2. Engineering Mechanics Lab

The Modern Engineering Mechanics Laboratory facilitate the learner to design and test the various aspects of Engineering Mechanics. This state-of-the-art laboratory is used to give the hands on experience to the budding engineers through following experiments:

1.	Measurement of basic engineering parameters such as Young's Modulus - E, Poisson's Ratio - μ , Shear modulus - G
2.	Determination of Stress concentration factor K
3.	Deflections in a rectangular beam
4.	Multi-axial stresses in a hollow pressurized cylinder
5.	Bending stresses in a composite beam
6.	Buckling critical load in columns of various lengths
7.	Stresses in a beam subjected to dynamic load

3. Modern Antenna Design Lab

The laboratory is equipped with the advanced RF test and measurement setup of Agilent and Tektronix make equipment supported with the necessary software viz., IE3D, CST Microwave Studio and OptiSystem. These resources are most useful in designing and fabrication of RF Circuits and Micro-strip Antenna Structures.

Modern Laboratories

4. Advanced Computer Centre

Advanced Computer Centre supports high computing facility in the area of Parallel Computing, Artificial Intelligence, Image Processing, Data Mining and Pattern Recognition, and Digital Signal Processing. The necessary hardware and software supports are provided in this laboratory along with high speed optical backbone network. Around 120 high speed terminals are available in this laboratory which fully supports the aforesaid activities.

5. Language Lab

The laboratory is equipped with advanced computers and a master controller computer to monitor and guide students individually. This lab supports and enhances Listening, Reading, Speaking and Writing Skills of students with special emphasis on Pronunciation, Grammar, Vocabulary, Stress and Intonation Pattern. It also provides them a unique platform to prepare for various competitive examinations viz., GRE, TOEFL, GATE, IELTS, ITEP, UPSC, MPSC, etc.



Visit of Prof. William Predebon and Dr. Craig Friedrich, Michigan Technological University, Houghton, USA at VPKBIET



VPKBIET (Formerly VPCOE) signs MoU for Academic and Research Cooperation with COEP Pune

Academic Collaborations

VPKBIET has signed Memorandum of Understanding with Foreign Universities, Industries and Institutes of Higher Learnings, Research Labs aiming to promote Higher Education and Research component for the Learned Faculty and Students.

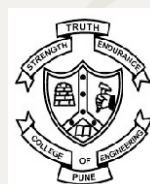
MoUs Signed	Objectives/Outcomes
<ul style="list-style-type: none"> Michigan Technological University Houghton, U SA 	<ul style="list-style-type: none"> To Establish Academic Exchange Programmes of Students and Faculties
<ul style="list-style-type: none"> University of Pardubice, Czech Republic 	<ul style="list-style-type: none"> To Enable Continuation of Education in Partner Institutions with Credit carryover from VPKBIET
<ul style="list-style-type: none"> North Carolina State University, Raleigh, NC, USA 	<ul style="list-style-type: none"> To Promote and Reinforce Institutional Academics and Research Cooperation
<ul style="list-style-type: none"> Lawrence Technological University, Southfield, MI, USA 	<ul style="list-style-type: none"> To Promote and Reinforce Institutional Academics and Research Cooperation
<ul style="list-style-type: none"> IIT BOMBAY, Mumbai 	<ul style="list-style-type: none"> Live Classrooms and Workshops through distance mode using the EDUSAT
<ul style="list-style-type: none"> College of Engineering (COEP), Pune 	<ul style="list-style-type: none"> To Establish Academic Exchange Programmes
<ul style="list-style-type: none"> Quality Enhancement in Engineering Education, QEEE-IIT Madras 	<ul style="list-style-type: none"> Live Classrooms and Interactions

Faculty and Student Deputations

The institute provides a strong support to faculty and students for various Summer Research Fellowships/Academic Exchange Programs at various Premier Institutions viz., IISc, IITs, NITs, ICERs, and Frontier Research Labs, etc.

Faculties and students are actively engaged in Industrial Trainings during Winter/Summer vacations which in turn helps to bridge the gap between Industry-Institute corridors leading to receive Industry-Sponsored Projects and the Placement Opportunities.

Throughout the year the students are encouraged to participate at various technical events, workshops, and design competitions at state and national level.



Industrial Partnerships

To promote the Industry-Institute Interaction VPKBIET has taken a lead to establish following partnerships :

MoUs with Industries	Major Objectives
Bharat Forge Ltd.	<ul style="list-style-type: none"> Selected students can opt summer/winter training programs and Sponsored Projects. Train the Trainer Programme for faculty for hands on experience
IBM Centre of Excellence	<ul style="list-style-type: none"> To enable the students to be in pace with technological advancements which helps in increasing their knowledge base and placement in Industry
Wipro Mission 10 X	<ul style="list-style-type: none"> Training Programs for Faculties Introduction to high impact teaching skills for the faculties To develop innovative thinking in pedagogical practices and to introduce new approaches of learning To enable the faculties to build knowledge assets and generate teacher support in different disciplines
Cummins India Ltd.	<ul style="list-style-type: none"> Provide students an opportunity for summer training, Sponsored Projects and Subsequent Scholarships and Placement Opportunities to potential students
PIAGGIO Vehicles Pvt. Ltd.	<ul style="list-style-type: none"> The company supports the students and faculty for training in their Manufacturing Unit and Sponsored Projects



PIAGGIO
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Professional Memberships

VPKBIET has close association with various scientific and research bodies. These associations help in bringing the techno-leaders, students and faculties closer on several academic and research extension activities. The Institute has following tie-ups:

Sr. No	Professional Body	Membership Type
1	The Association of Commonwealth (ACU), Universities UK	Associate Membership
2	Computer Society of India (CSI)	Educational Institution Member and CSI Student Branch
3	The Indian Society for Technical Education (ISTE)	Institutional Membership
4	The Institution of Electronics and Telecommunication Engineers (IETE)	Life Organizational Member and IETE Student Forum
5	Indian Society of Structural Engineers (ISSE)	Institutional Membership
6	Indian Association for Environmental Management (IAE)	Institutional Membership
7	The Engineering Society for Advancing Mobility Land, Sea, Air and Space (SAE India)	Collegiate Club Membership
8	Mahratta Chamber of Commerce Industries & Agriculture, Pune	Institutional Membership
9	Institution of Engineers(IE),Kolkata	Institutional Membership
10	Institute of Electrical and Electronics Engineers, USA (IEEE)	Institutional Membership
11	British Council	Institutional Library Membership
12	Confederation of Indian Industries, CII	Institutional Membership
13	Deccan Chamber of Commerce	Institutional Membership

These professional associations award the memberships to Individual Student and Faculty Members. Institute has established various Student Chapters under the flagship of such professional bodies. The various chapters promote state-of-the-art training, personal development and interactions with the expertise from various science communities. Professional memberships aid in overall development of an individual along with the establishment of strong bonding amongst each other in technical community.

Activities Under various Professional Bodies

1. Institute of Electrical & Electronics Engineers (IEEE)

The Institute has dynamic IEEE Student Branch with primary focus of Collaboration and Organization of various technical activities/workshops useful for Engineering and Humanitarian Fraternity. Series of expert talks, workshops and related activities are conducted on regular basis through IEEE Student Branch. Various special societies like IEEE Signal Processing, IEEE Young Professionals, IEEE Special Interest Group on Humanitarian Technology, IEEE Power and Energy Society are working in collaboration with student branch. IEEE Women in Engineering (WIE) Affinity Group aims at Women Empowerment through various events.



Inaugural function of IEEE WIE Group



Skill and Knowledge Enhancement
Program (SKEP) 2015



IEEE SKEP Program on "IT for Telecom"
by Aiyappan Pillai

2. Computer Society of India (CSI)

Computer Society of India (CSI) is the largest and most professionally managed association of and for IT professionals in India. CSI brings together professionals with varied backgrounds including Software Developers, Scientists, Academicians, Project Managers, CIO's, CTO's & IT vendors. The prime role of CSI is to spread knowledge, and provide opportunities to its stakeholders. The CSI has been instrumental in guiding the Indian IT industry down the right path.

VPKBIET is one of the CSI student branches with 200 plus active student members and 27 faculty members. Various technical events like expert talks, poster competition, project competition, quizzes, etc. are organized by VPKBIET CSI Student Branch to enhance the technical skills needed for an IT professional.



VERISMO2015: A State Level Project Competition under the aegis of
CSI Student Chapter



VERISMO-2015 Inaugural Function at the
gracious hands of Industry Personnel

From the Desk of Department Heads



Jyoti Rangole
HoD E&TC Engg.

Department of **Electronics and Telecommunication Engineering** focuses on developing corporate skills and research culture among students. Qualified and active staff and well-equipped laboratories nurture students to achieve their goals. Department regularly organizes Lectures, Workshops, and Seminars of corporate leaders and professionals from reputed institutions and industries. Department facilitates several technical and social activities through professional bodies like ISTE, IETE and IEEE. EESA, the students association, is a well-recognized platform for students to develop their multiple skills set. The PG program in the department adds value to research and extension activities.



Dinesh Zende
HoD IT

Department of **Information Technology** is committed to provide quality education in the field of Information Technology. The department believes in value addition that extends students' life beyond the knowledge. Qualified and devoted faculties, well equipped laboratories, motivated students and progressive environment are the major strengths of the department. The collaborative working of faculty and students in the domains viz., Web Mining, Machine Learning, Data Mining and Pattern Recognition brings good learning culture in the department. Alumni of this department have received a well-rounded education and leading positions in MNCs and Govt. Organizations. The department faculties are deputed for various training programs, workshops and research fellowship programs in reputed institutions across the nation on regular basis.



Sushma Nandgaokar
HoD Comp

Department of **Computer Engineering** was established in the year 2000 with UG course and PG course started in the year 2010. Department of Computer Engineering is committed to provide excellence in Engineering. We are also committed to nurture the students to get acquainted with the latest skills and practices keeping the pace with the industry. Department continuously organizes various seminars, workshops, and CEPS to develop and improve technical and intellectual skills. Experienced and devoted Faculties, Well equipped Laboratories, Research Culture and Disciplined Environment are major strengths of Department. Our alumni are working at well known industries. We also depute our faculties at renowned Institutions for various training programs. Students and faculties are active members of Technical Bodies such as CSI, IEEE and ISTE. Students Association (CESA) provides student a platform to enhance their skills and personality.



Avinash Kolekar
HoD Mechanical Engg.

Mechanical Engineering is the core branch which adds values to the material through several processes, operations and treatments to give products for better living standards of human being. Department has highly qualified staff, motivated students and state-of-the-art machinery. The faculties of the department guide and train the students in various emerging fields viz., Automobile Engineering, Robotics, Computer Aided Design, and Modern Manufacturing Processes. The department faculties are deputed on regular basis for summer / winter research fellowships and various training programs at IITs, NITs, etc. Various Skill Development Programs are arranged on regular basis for students and faculties.



Giridhar Narule
HoD Civil Engg.

The department of **Civil Engineering** has well-equipped laboratories, advanced computing facilities along with qualified faculties. The department regularly conducts various workshops, seminars, CEPs and technical events in collaboration with industries and expertise faculties from IITs and NITs. The department has received funding from BAIF, AICTE and SPPU, Pune for various research projects. The Department of Civil Engineering has been offering from several years consultancy and services to various Government, Semi-Government Organizations, Private Sectors, Local Contractors and Builders.



Rohit Tarade
HoD Electrical Engg.

The department of **Electrical Engineering** is established in 2010. It is fully supported with well-equipped laboratories and qualified faculties. The aim of the department is to motivate the budding professionals with sound technical knowledge and strong character. The department conducts regularly various technical events under the aegis of various professional bodies viz., IEEE, IE, ISTE, etc. The enthusiasm of learning is nurtured through various practices like Project Competitions and Industrial Trainings.

From the Desk of Department Heads



Prof. Nirmal Sahuji
HoD General Sciences

The General Sciences Department is committed to provide quality technical education in line with the requirements of today's competitive academic requirement and fast paced technological developments. The department provides environment conducive for harnessing the potential of students through systematic and effective planning and control of teaching learning processes. The basic teaching learning process is supplemented by organizing Technical Competitions, Guest Lectures by Renowned Personalities, Cultural Events and Sports Competitions.

All the departments are actively engaged in organizing various Skill Development Programs for faculties and students. Our students have established a trend of securing higher ranks in various competitive examinations like GATE, GRE, TOEFL, MPSC, and UPSC over the years. We are proud to mention the presence of our alumni in various reputed MNCs, Public Sector Units and at esteemed Higher Education Institutions over the globe.

Our library is enriched with the resources such as Journals, Periodicals, Reference Books, Text Books, and Magazines in Digital and Printed forms. In addition to this, the Library has various memberships viz., ARAI, DELNET, British Council, IIT-Bombay, Springer which connects the users with global educational resources. High speed optical networking over the campus facilitates easy access to all these resources.

Students are encouraged to become member of various professional bodies for better academic exposures. In an effort to meet the corporate challenges, the students are trained in soft skills, language speaking abilities, group discussion by conducting workshops from corporate gurus. Moreover, to get the industrial exposure, industrial visits are organized on regular basis.

The institute has a policy to depute faculty members to IITs, NITs, Govt. Colleges and Research Laboratories to pursue their M.Tech. and Ph.D. studies under Quality Improvement Programme scheme of MHRD Govt. of India.

Encouragement for Higher Education to Faculty



Avinash Kolekar
Assistant Professor
Mechanical Engineering

VPKBIET has motivated and encouraged me with full support to complete Ph.D. program at IIT Bombay. My association of 10 years with VPKBIET has given me ample opportunities of new learnings as well the exposure at national and international symposiums which in turn help further to enhance my research and teaching capabilities. I feel proud to be a part of this esteemed institute.



Sheetal Takale
Assistant Professor
Information Technology

Being a faculty at VPKBIET, I have witnessed the phenomenal growth of the Institution on various fronts since last 13 years. Motivating authority, team work culture and conducive academic environment have brought the institution at newer heights. It is my pleasure to be a part of committed faculty team at VPKBIET. The institute has supported me to pursue Ph.D. programme at Walchand College of Engineering, Sangli.



Parashuram Chitragar
Assistant Professor
Mechanical Engineering

VPKBIET is one of the well-established quality-oriented technical institutes providing world class knowledge to the aspiring students. With over 14 years of continuing experience with this institute, I got wisdom, strength, courage, confidence and work satisfaction. Presently, I am on deputation as a full-time QIP research scholar [from Academic Year 2012-13] for pursuing doctoral program at NITK, Suratkal. I am so grateful to my Principal and Management for their kind support.



Sachin Bhosle
Assistant Professor
Mechanical Engineering

My experience at VPKBIET as assistant professor and research coordinator is full of opportunities to work in various academic and administrative capacities. Consistent encouragement from authorities to write research proposals made it possible to attract sizable amount of funding. I recognize the importance of support I received for research fellowships at IITs and for pursuing Ph.D. at Michigan Tech, Houghton USA, during the academic year 2014-15. The freedom and support for laboratory and academic development of a teacher is crucial in this profession. I must say- "It is the best part about VPKBIET".

Encouragement for Higher Education to Faculty



Rajveer Shastri
Assistant Professor
E&TC Engineering

Vidya Pratishthan with its unique Vision and Mission to serve the society has provided enormous opportunities to develop technical excellence among faculties and sophisticated methodologies to impart the same to students. Faculties and students are motivated and fully supported to get the state-of-the-art exposure to technology through endeavours like Research Fellowships at IITs, and presentation of research papers at Conferences in India and abroad. Institute provides robust support for innovative teaching methodologies in the technology development for rural society. The research environment at VPKBIET has helped me in completing my Ph.D. at SGGSIET, Nanded. I express my sincere gratitude towards the authority of VPKBIET.



Jyoti Rangole
Assistant Professor
E&TC Engineering

Being a part of VPKBIET, I realized that this institute is fully committed to impart quality education and aims at nurturing social and cultural values amongst the student community. VPKBIET is transformed significantly as one of the premier institutes in the state of Maharashtra. Encouragement and guidance of authority has helped me to attend Summer Research Fellowship Program at IIT Delhi and to work on BCUD-SPPU Sponsored Research Project. Conducive Research and Development culture in the department has motivated me to join for Ph. D. program at SPPU, Pune.



Giridhar Narule
Assistant Professor
Civil Engineering

VPKBIET is one of the renowned engineering institutes in Maharashtra State. Institution has a great learning and research culture which motivated me to join as a Ph.D. research scholar at VJTI, Mumbai during 2012-13. It is a great opportunity for me to pursue research program in Structural Engineering. I am thankful to the authority for extending the necessary support to carry out my research work. I am privileged to be a part of this institution as a faculty in Civil Engineering.

VPKBIET Is A Recognised Remote Center of IIT BOMBAY and IIT KHARAGPUR

VPKBIET received Special Appreciation from IIT Bombay for the last three consecutive years for its outstanding contribution towards the spread of free and open source software training through Spoken Tutorials. The participants from various institutions of Savitribai Phule Pune University have attended mentioned online programmes at VPKBIET conducted remotely by IIT Bombay and IIT Kharagpur during 2014-15.

Discipline	Online Courses Offered at VPKBIET
Computer Engineering & Information Technology	<ul style="list-style-type: none"> Database Management Systems I & II Software Development Techniques Aakash Android Application Development Computer Programming Computer Networking Cyber Security
Mechanical Engineering	<ul style="list-style-type: none"> Thermodynamics in Mechanical Engineering Heat Transfer Computational Fluid Dynamics I & II Engineering Thermodynamics
Electrical & Electronics Engineering	<ul style="list-style-type: none"> Basic Electronics Analog Electronics Signals and Systems Control Systems
Civil Engineering	<ul style="list-style-type: none"> Engineering Mechanics Fluid Mechanics Green Building
Communication & Humanity	<ul style="list-style-type: none"> Writing Effective Conference Papers Introduction to Research Methodology Aakash for Education Technical Communication Research Methods in Educational Tech

CEPs/ NPTEL/ QEEE Workshops Organized at VPKBIET 2014-15

Course Title	Resource Faculty
Nuclear Engineering	Dr. Suneet Singh (IIT B), Dr. J.B. Doshi (COEP) and Nitin Akhade
Operating Systems	Prof. Saurav Bansal, IIT Delhi
Computer Organization & Architecture	Prof. K. Veezhinathan, IIT Madras
Data Structures & Algorithms	Prof. G. Venkatesh, IIT Madras
Software Engineering	Prof. Rajib Mall, IIT Kharagpur
Database Management Systems	Prof. Janaki Raman, IIT Madras
Computer Network	Prof. Bhaskaran Raman, IIT Bombay
Operations Research	Prof. Ashutosh Mahajan and Prof Jayandran Venkatesvaran, IIT Bombay
Machine design	Prof Narsimhan, IIT Bombay
Heat Transfer	Prof. C. Balaji, IIT Madras
Thermodynamics	Prof. P.M.V. Subbarao, IIT Delhi
Convective Heat transfer	Prof C. Balaji, IIT Madras

QEEE Live Classes



Quality Enhancement in Engineering Education (QEEE) Project

VPKBIET is now connected through Pilot programme by MHRD, Govt. of India and IIT Madras, through which various online courses are available for students and faculties. These courses are in line with university curriculum and embedded into regular institute timetable.

National Programme on Technology Enhanced Learning

National Programme on Technology Enhanced Learning (NPTEL) is an initiative by the IITs (IIT Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) and IISc, supported by MHRD to enhance the quality of engineering and science education in the country by developing contents for undergraduate and postgraduate curricula using video and web-based courses. **VPKBIET has been identified as a Competent Lead Centre of NPTEL.** In view of this, NPTEL Chairman Dr. R. K. Shevgaonkar (Former Director, IIT, Delhi) along with other eminent faculties from IITs addressed **"Importance of NPTEL Initiative in Teaching & Learning"** at VPKBIET on September 18th, 2014. Around 200 faculties from various Engineering colleges across Maharashtra participated in this event.

Resource Faculty at this Workshop:

Prof. Mangala Sunder Krishnan (IITM) | Prof. A. N. Chandorkar (IITB) | Prof. Kushal Sen (IITD)



Participants at NPTEL Workshop



Dr. R. K. Shevgaonkar, Director, IIT Delhi
addressing at NPTEL Workshop

Recipients of Research Fellowships

Recipients of Research Fellowships

Research Project	Research Supervisor	Recipient Faculty of VPKBIET
A Novel Approach for Data Clustering using Improved Markovian and Z-score based Technique	Dr. Bijaya K. Panigrahi, IIT Delhi	Sahil Shah
Experimental Investigation of Credit Card Fraud Detection using Data Mining and Machine Learning Techniques	Dr. Jaya Srivastava, IIT Delhi	Dinesh Zende
Thermodynamic Analysis of C.I. Engine under Dual Fuel Mode	Dr. K. A. Subramanian, IIT Delhi	Keshav Jadhav
Micro-strip Antenna Design and Fabrication	Dr. Mahesh Abegaonkar, IIT Delhi	Vikas Deshmukh
Transmission loss in shallow water and radiated noise modelling	Dr. Arun Kumar, IIT Delhi	Shantanu Jagdale
Detection of silver ion percolation from contaminated wastewater through filter column	Dr. Arun Kumar, IIT Delhi	Mahesh Gouda
A Review of Face Detection & Recognition Approaches	Dr. Atul Negi, University of Hyderabad	Keshav Bhagwat

Faculty Deputation at Various Programmes

Programme	Faculty Deputed
Training under CEP at IIT Bombay, IIT Delhi and IIT Kharagpur	30
NITTTR Bhopal, Chandigarh and Pune Centre's	15
Vocational Technical Training, ATI Mumbai	10

Faculty at International Conferences

VPKBIET Faculty	International Conference	Title of the Paper
Jyoti S. Rangole	Western Pacific Acoustics Conference 2015, Singapore.	Sediment classification using side Scan Sonar Imagery
Sheetal A. Takale	16th International Conference on Web Information Systems Engineering (WISE 2015), Miami, Florida, USA.	Extract Knowledge about Geo-Location Using Context and Content Information of Geo-Tagged Social Media
Nirmal K. Sahuji	The World Congress on Engineering 2014 Imperial College, South Kensington campus, London, U.K.	Exploring Mathematical Equation with Graphical Data Visualisation using Python
Anil P. Hiwarekar	The World Congress on Engineering 2014 Imperial College, South Kensington campus, London, U.K.	<ul style="list-style-type: none"> New Parabolic Inequalities and Applications to Thermal Explosion and Diffusion Models Application of Laplace Transform for Cryptographic Scheme
Rajveer K. Shastri	IEEE conference OCEANS-2013 at San Diego, USA.	Time Frequency Analysis of underwater ambient noise in tropical littoral waters
Rajveer K. Shastri	RIO Acoustics 2013 IEEE/OES Acoustics in Underwater Geosciences Symposium Centro Empresarial, Rio de Janeiro, Brazil.	Gaussianity Analysis of Ambient Noise in Littoral Tropical Water

Research Publications by Faculties

- [1] Sachin Bhosle, Craig Freidrich "Effects of aging and thermal treatment on nanotextures titanium surfaces", Orthopedic Research Society's conference ORS Annual Meeting, March 5–8, 2016 Orlando, Florida, USA.
- [2] V.U. Deshmukh, "Optimization of Reconfigurable Microstrip Patch Antenna for Multiband Application," IETE Cynosure NCCEEE, April 2016.
- [3] S B Deosarkar, "Dual band microstrip patch antenna for MIMO system," IEEE International Conference on Pervasive Computing (ICPC), Pune, Jan. 2015.
- [4] Rajveer Shastri, Yashwant Joshi, Arnab Das, "On the Selection of Time Frequency Feature Set to Represent Passive Sonar Data of Tropical Waters", OCEANS'16, MTS/IEEE Shanghai conference 10-13 Apr. 2016.
- [5] Sheetal A. Takale, Prakash J. Kulkarni, Sahil K. Shah, "An Intelligent Web Search Using Multi Document Summarization," International Journal of Information Retrieval Research (IJIRR), Vol. 6, No. 2, February 2016, ISSN: 2155-6377
- [6] Nirmal Sahuji, "Exploring Mathematical Equation with Graphical Data Visualisation using Python," Proceedings of the World Congress on Engineering, Vol I, July 2014, ISSN: 2078-0966.
- [7] J. A. Sadalage, A. Das, "Sediment Classification using Side Scan Sonar Imagery," 12th Western Pacific Acoustic IEEE Conference Singapore, Dec. 2015
- [8] Kolekar Avinash A., Laddha, S., Singh, S., Ganesh, A. et al., "Development and Validation of Power Performance Prediction Chart for Conversion of Diesel Engine to Dual Fuel Engine," SAE Technical Paper, 2014
- [9] A. P. Hiwarekar, "Cryptography using Laplace Transform," International Journal of Engineering Research and Applications, Vol.5, No. 4 (Part-5), pp 102-106, April 2015.
- [10] Shastri Aparna R., "Design of Semen Straw Counting System Using LabVIEW," International Journal of Science Technology and Engineering, Vol. 7, pp-161-164, January 2016, ISSN (online): 2349-784X
- [11] Shantanu Jagdale, A. Das, "Analysis of Underwater Radiated Noise in Shallow Water," Discovery, 47(219), pp.152-156, 2015.
- [12] D. M. Padulkar, "Privacy Preservation of Sensitive Information using Slicing, " International Journal of Engineering Research & Technology (IJERT), Vol. 3 Issue 6, June – 2014
- [13] Gajanan A. Dhanorkar, J. N. Salunke, "Fixed Point Theorems in G-metric space with Maps Satisfying a General Contractive Condition of Integral Type," Bulletin of the Marathwada Mathematical Society, Vol. 16, No. 1, 2015.
- [14] S. S. Muttagi, S. D. Biradar, D. T. Kushnure, "5G: A digital society," International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO), Visakhapatnam, pp. 1-5, Jan. 2015.
- [15] Giridhar Narule, "Experimental Investigation on Steel Fiber Reinforced Concrete using Metakaolin," International Journal of Emerging Technology and Advanced Engineering, Vol. 5, No. 4, ISSN 2250-2459, April 2015.
- [16] D. S. Sonawane, A. P. Hiwarekar and G. A. Dhanorkar, "Honey Bees have Geometrical Sense: A Mathematical Approach," 6th National Conference on Multi disciplinary Research in Science and Engineering, MIT AOE Pune, ISBN: 978-93-84648-83-1, pp.225-231, June 2015.

Research Publications by Faculties

- [17] C. C. Ajit, "Temperature, pH and loading rate effect on biogas generation from domestic waste," International Conference on Advances in Engineering and Technology (ICAET), Nagapattinam, pp. 1-6, May 2014.
- [18] Y. V. Aaher, "Modeling and simulation of hybrid solar-wind-grid power generation system for electrification," International Conference on Advances in Engineering and Technology (ICAET), Nagapattinam, pp. 1-6, May 2014
- [19] D.B. hanchate, "Software Project Contacts by GRGA Scheduling and EVM," International Journal of Computer Applications 97(13):1-26, July 2014
- [20] Gyankamal J. Chhajed, "A Steganographic Method for Data Hiding in Binary Image using Edge based," IJCTA, Vol.-5, No.-4, July-August 2014
- [21] Rajkumar V. Panchal, Gyankamal J. Chhajed "Prioritization Of Implementation Based Testing Technique For Class Under Test," International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), vol. 2, No. 9, 2690 – 2694, September 2014, ISSN: 2321-8169.
- [22] Bhagwat Keshav S., Patil Pradeep M., "Face authentication using fusion of 3D Shape and Texture," International Conference on Advances in Engineering and Technology Research (ICAETR), Unnao, pp. 1-6, August 2014
- [23] Prashant T. Raut, Sushma S. Nandgaonkar, "A Development Approach towards Self Learning Schedulers in Linux," International Journal on Recent and Innovation Trends in Computing and Communication ISSN: 2321-8169 Vol. 2 No. 4, pp. 880 – 884, April 2014.
- [24] Shridevi A. Swami, "Towards Automatic Web Data Scraper and Aligner (WDSA)," International Journal of Computers & Technology, Vol. 13, No. 3, April 2014.
- [25] Vyankatesh V. Rampurkar , Gyankamal J. Chhajed, "Combination of Morphological Operations with Structure based Partitioning and grouping for Text String detection from Natural Scenes," International Journal of Advanced Computer Research, Vol.-4 Number-2 No.-15, June-2014, ISSN: 2277-7970.
- [26] S. C. Mahadik, "Static Analysis of Centrifugal Blower Impeller," Proceeding of World Congress on Engineering, 2014.
- [27] Gajanan Dhanorkar, Deepak Sonawane, "Simulation of Lap lace transform with using Python, International Journal of Mathematical Archive" – Vol. 5(8), pp. 30-35, August – 2014, ISSN 2229-5046
- [28] D.T. Kushnure, S.D.Biradar, S.S.Muttagi, "PAPR Performance of OFDM System Using Modified SLM Approach," International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering, Vol. 2, No. 1, January 2014.
- [29] A.P. Hiwarekar, "New Mathematical Modeling for Cryptography," Journal of Information Assurance and Security, Vol. 9, No. 1, pp 027-033, June 2014.
- [30] Sahil K. Shah and Sheetal A. Takale, "Search Engine Based Intelligent Help Desk System: IASSIST ", IEEE International Conference on Advanced Research in Engineering and Technology (ICARET)-India Feb. 2013.
- [31] Dinesh Zende, "Spyware Solution: Detection of Spyware by Data Mining and Machine Learning Technique," IEEE International Conference on Advanced Research in Engineering and Technology (ICARET 2013), Andhra Pradesh, India, Feb. 2013
- [32] Kadbe P. K. "Biomedical Image fusion using Wavelet and Curve let Transform," International Journal of Engineering Research and Technology, Vol. 2, May 2013.

Research Projects and Grants

Various Grants Received

Sr.No.	Funding Agency	Grant Received
1	Savitribai Phule Pune University, Pune (2012-14) Research Projects	15 Lakhs
2	Savitribai Phule Pune University, Pune (2014-15) Research Projects	15 Lakhs
3	AICTE-MODROB (2012-2014)	26 Lakhs
4	Workshop/Seminar Grant from MHRD Govt. of India	45 Lakhs
5	Scholarship Grant from MHRD Govt. of India for PG Students	22 Lakhs
6	NPTEL Workshop Grant	03 Lakhs
7	IIT Grant for Aakash Project to purchase Server and Wi-Fi	3.8 Lakh
8	IIT Grant for augment the infrastructure of the remote centre	05 Lakhs

Grants Received (2013-2015)

Title of Project	Department	Project Investigator
Modernization of Microwave Laboratory	Electronics and Telecom. Engg.	S. B. Deosarkar
Non-Destructive Testing of existing structure and rehabilitation	Civil Engineering	G. N. Narule

Grants Received (2013-2015)

Funding organization	Particulars	Coordinator
IIT Bombay / MHRD Govt. of India	For Seven QIP Workshops	S. B. Deosarkar
Savitribai Phule Pune University under BCUD QIP	For Purchase of Educational Equipments	Sachin Bhosle
MHRD Govt. of India	NPTEL Workshop	S. B. Deosarkar
MHRD Govt. of India	Audio/Video Aids for QEEE Classrooms	S. S. Jagdale

Grants Received under BCUD Research Proposals: 2012-2014

Automatic counting of silkworm eggs using Image Processing Algorithms on VLSI Board	Electronics & Telecom. Engg.	J. A. Sadalage
Better Network Security Using Generalized Hill Cipher Algorithm	Mathematics	A. P. Hiwarekar
Spectroscopic study of Medicinal and edible Mushrooms for development of optical sensors for industrial and agricultural application.	Physics	A. S. Disale

Research Projects Funded by Savitribai Phule Pune University, Pune (2013-2015)

Research Project Title	Faculty Investigator
Experimental Investigations and Analysis of recast layer formation in Wire electro discharge Machining Process	Sachin Bhosle
Spyware Solution: Detection of Spyware by data mining and machine learning Techniques.	Dinesh Zende

Research Projects

Research Project Title	Faculty Investigator
Vibration control of civil structures using piezoceramic smart materials.	Chittaranajan Nayak
Design of C- slot Micro strip Patch antenna for Wi-Max applications	Madan Jadhav
EEG Signal classification to examine brain activity using different tasks.	Shashank Biradar

Grant Received under BCUD Research Proposals: 2014-2016

Research Project Title	Department	Faculty Investigator
Investigation of Nonlinear Effects (Optical Solutions) in Fiber Optic Communication and It's Applications	Electronics and Telecom. Engg.	S. B. Deosarkar
A pipelined VLSI Architecture for 2-D DWT	Electronics and Telecom. Engg.	B. H. Deokate
Peak Power to Average Power Reduction of OFDM System Using Modified Selective Mapping Technique	Electronics and Telecom. Engg.	D. T. Kushnure
Ambient Noise, Characterization in Shallow Depths for Tropical Water of The Indian Ocean Region	Electronics and Telecom. Engg.	S. S. Jagdale
High speed network intrusion system using stride finite Automata.	Computer Engg.	R. H. Ambole
Discrimination detection using association rule mining	Computer Engg.	S. S. Nandgaonkar
Detection of Adware using Data Mining and Machine Learning Techniques.	Computer Engg.	M. D. Shelar
Electricity Transformer Lifetime Estimation using Association Rule Mining	Computer Engg.	P.M. Padulkar
Inpainting of Digitized Vintage Films via Maintaining Spatiotemporal Continuity	Computer Engg.	S. A. Shinde
Novel Method for movie character identification based on graph matching	Computer Engg.	R. V. Panchal
IRIS Recognition system in less constrained Environment	Information Technology	P. M. Patil
Characterization and comparison of solar selective coatings between Ni-Al and NI-CO on Al substrate	Mechanical Engineering	V. B. Bhagwat

Consultancy Services offered by VPKBIET

Department of **Civil Engineering** offers following Consultancy Services:

Geo-Technical/Soil Mechanics and Foundation Engineering Services

Laboratory Tests

Field Tests

Field CBR and Field Density Tests by Sand replacement methods are conducted on field for measuring the major parameters viz, Field CBR, Field Moisture Content, Field Density of soil and Standard Penetration Tests.

Foundation Design Report

Preparation of Geo-Technical Investigation Report (GTIR) with recommendation of foundation type/Ground Improvement Technique etc. for Buildings/Bridges/Culverts/Towers/Machine Foundations/Embankments/Dams etc.

Design of various foundations like Pile/Raft/Well/Caisson/General Footing etc. as well as modern foundation design meeting various practical requirements like short space arrangement/Dual arrangement/Base-Isolation arrangements and others.

Structural Engineering

In the field of Structural Engineering, the Department offers following services:

- Design of Multi-storied Buildings/Plaza/Tower using latest design Software/Programs, various techniques as well as keeping special care for earthquake/wind analysis.
- Design of various bridges/Culverts especially sub-structure for standard superstructure referred by MORT&H or Bailey bridge type or any other steel bridge.
- Design of Special Bridge like Bow String Girder Bridge, Box-Girder Bridge, Pre-stressed Concrete Girder Bridge, Suspension or Cable Stayed Bridge etc.
- Design of Industrial Structures / Steel Towers/ Offshore Structures/ Sluice Gate/ Dam etc.

Transportation Engineering

In the field of transportation engineering, following services are offered:

- Pavement Design (Flexible/Rigid) for various roads like Urban/Non-urban/National Highway standards.
- Design of various Bus/Truck Terminals etc.
- Feasibility Study and design of new roads/up-gradation of existing roads by strengthening and widening.

Environmental Engineering

In the field of Environmental engineering, the Department offers services viz, Design of Sewerage System and water quality tests.

Our Esteemed Clients include Government, Semi-Government and Private Firms.

Projects Undertaken

- Demarcation of Industrial units, Levelling and Geotechnical Investigation for Hi-tech Textile Park, Baramati
- Levelling, Lay-outing and testing quality of materials for Bharat Forge, Baramati
- Testing quality of material in extension of runway for Airport, MIDC, Baramati
- Testing quality of material in laying out drainage line for Daund Municipal Corporation, Daund

Students' Achievements

- Rahul Doiphode and Mohan Kumbhar (B.E. Mechanical) won Third Prize for the project DUAL AXIS SOLAR TRACKING SYSTEM in Science Day exhibition held at GMRT Khodad on 28th February and 1st March 2014.
- Chaitanya More, Nayan Modve and Pawan Nikam (B. E. E & TC) Project entitled "*Leukemia detection in microscopic images*" was shortlisted for the final round of NI-Yantra 2014 National Level Project Competition organized by the National Instruments.
- Amruta Pandit's (M.E. Digital System) Project entitled *Automatic counting of Silkworm Eggs* was shortlisted for the final round of Engineering Students Innovation Challenge 2014 Project Competition.
- Chaitali Raje (M.E. Digital System) District Level Winner for the project "*Leukemia detection in microscopic images*" of Engineering Students Innovation Challenge 2014 Project Competition.
- Sahil K. Shah (M.E. Computer Engineering) won First Prize for paper entitled "*iAssist: An Intelligent Assistance System*" in Postgraduate Symposium: cPGCON organized by BOS in Computer Engineering Savitribai Phule Pune University, Pune at PICT, Pune.
- Ms. Veena Sakhare and Ms. Shalakra Mehtre (M.E. Computer Engineering) received Best Paper Award in their sessions at PGCON-2014 organized by Savitribai Phule Pune University, Pune.
- Anish Kumar Jha (BE Computer) won First Prize and most eco-friendly plan at BIZENCE 2014 –A National Level B-plan Competition organized by SIES School of Graduate Technology Mumbai and Entrepreneurship Development Cell (EDC) in February 2014.

Students' Profile

- University Results: VPKBIET results are among the top ten colleges in Savitribai Phule Pune University, Pune.
- 15 % students get admission in IITs / NITs for higher studies after graduation.
- 5 % students prefer admission in Universities abroad (This will increase after having MoUs with the leading Universities in US/UK/ CANADA).

College Toppers In University Examinations: 2013-14

The University examination results of VPKBIET are amongst the top ten colleges in Savitribai Phule Pune University, Pune.



Asmita Dhawan
FE
87.63%



Rashmi Desai
FE
79.07 %



Dnyanchandra Khaire
FE
79.00 %



Kshitija Bhore
FE
78.93 %



Aniket Jadhav
FE
78.64 %



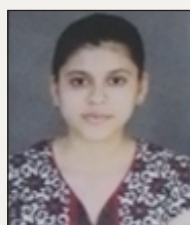
Snehal Mane
SE Elect
77.53%



Aniket Salunkhe
SE Civil
70.67%



Shivaji Shinde
SE Mech.
77.13%



Gandre Pooja
SE E&TC
77.13%



Neeta Birajadar
SE Comp
74.60%



Ashwini Katore
SE IT
72.73%



Suvarna Khalate
TE Civil
64.4%



Amit Kharade
TE Mech
77.87%



Rohit Chavane
TE E&TC
71.67%



Monali More
TE Elect.
77.53%



Priyanka Takale
TE Comp.
76.80%



Dhanashree Kadbe
TE IT
68.47%



Supriya Ankushe
BE E&TC
72.14%



Prerana Bankar
BE IT
74.12%



Pragati Chate
BE Comp
71.80%



Supriya Jagdale
BE Elect.
74.90 %



Nandkumar Sawant
BE Mech.
77.95%



Mahesh Shelke
BE Civil
71.20%

College Toppers In University Examinations: 2014-15

The University examination results of VPKBIET are amongst the top ten colleges in Savitribai Phule Pune University, Pune.



Suraj Chandgude
BE Civil
74.73%



Shailaja Takale
BE Comp
74.8%



Rohit Chavane
BE E & TC
74.87%



Pooja Korde
BE IT
71.20%



Yogesh Patil
BE Mech.
78.40%



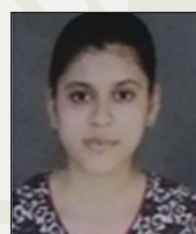
Monali More
BE Electrical
74.13%



Shradha Nimbalkar
TE Civil
67.60%



Komal Kure
TE Comp
77.26%



Pooja Gandre
TE E&TC
71.93%



Kiran Kadam
TE IT
76.00%



Prathamesh Jagtap
TE Mech.
81.93%



Pranav Sevekari
TE Electrical
72.33%



Ajay Yadav
SE Civil
67.8%



Roshan Shaikh
SE Comp
73.46%



Rashmi Desai
SE E&TC
79.47%



Tejaswini Chavan
SE IT
72.07%



Asmita Dhawan
SE Mech.
79.60%



Anjum Mulani
SE Electrical
78.33%



Swapnil Bhilare
FE
80.5%



Ajay Murumkar
FE
77.7%



Akshay Agre
FE
77.6%



Tejas Bhinge
FE
77.6%



Prasad Kare
FE
77.6%



Kamini Kokate
FE
77.5%

University Examination Results

University Examination Results (Percentage %) First Year Engineering

Year	2014-15	2013-14	2012-13
FE	94	84	93

Civil Engineering

Year	2014-15	2013-14	2012-13
SE	98	91	93
TE	98	94	99
BE	99	99	99

Computer Engineering

Year	2014-15	2013-14	2012-13
SE	92	100	89
TE	84	100	95
BE	100	96	96

Electronics and Telecommunication Engineering

Year	2014-15	2013-14	2012-13
SE	95	85	71
TE	94	97	95
BE	96	94	83

Information Technology

Year	2014-15	2013-14	2012-13
SE	95	84	86
TE	91	96	96
BE	99	96	94

Mechanical Engineering

Year	2014-15	2013-14	2012-13
SE	95	86	79
TE	87	96	93
BE	92	87	99

Electrical Engineering

Year	2014-15	2013-14	2012-13
SE	94	97	96
TE	96	99	N.A
BE	96	94	N.A

GATE Qualified Students



Atul Patil
Mechanical Engg.
Score: 85.74



Rishikesh Patil
Mechanical Engg.
Score: 65



Abhijit Jadhav
Mechanical Engg.
Score: 64.17



Amit Kharade
Mechanical Engg.
Score: 63.84



Vaibhav Thorat
Mechanical Engg.
Score: 57.31



Pallavi Jadhav
Elect. & Telecomm.
Score: 53.4



Dipak Chavan
Mechanical Engg.
Score: 50.45



Akshay Narhare
Mechanical Engg.
Score: 49



Pratik Ligade
Mechanical Engg.
Score: 48.78



Akshay Jagtap
Mechanical Engg.
Score: 48.18



Ankit Makde
Mechanical Engg.
Score: 46.9



Bhagyashree Londhe
Mechanical Engg.
Score: 46



Shailesh Bobade
Mechanical Engg.
Score: 45.07



Shivaji Shinde
Mechanical Engg.
Score: 43.73



Prathamesh Jagtap
Mechanical Engg.
Score: 43.36



Satish Bhosle
Mechanical Engg.
Score: 42



Jagdish Jadhav
Mechanical Engg.
Score: 40.31



Rishikesh Markande
Mechanical Engg.
Score: 39.87



Mayur Katkar
Electrical Engg.
Score: 38.76



Nikhil Bhapkar
Mechanical Engg.
Score: 37.75



Sadhana Bhingare
Mechanical Engg.
Score: 37.17



Samar Borade
Elect. & Telecomm.
Score: 36.9



Gautam Jalode
Mechanical Engg.
Score: 36.54



Prashant Vhankade
Elect. & Telecomm.
Score: 35.98



Snehal Mane
Electrical Engg.
Score: 34.82

GATE Qualified Students



Amit Rokade
Mechanical Engg.
Score: 34.26



Onkar Kaudki
Elect. & Telecomm.
Score: 33.69



Mayur Raut
Mechanical Engg.
Score: 32.5



Purushottam Kulkarni
Mechanical Engg.
Score: 31.76



Poonam Rohani
Computer Engg.
Score: 31.47



Moin Kazi
Mechanical Engg.
Score: 31.13



Balveer Narale
Electrical Engg.
Score: 31



Suyash Mekalki
Mechanical Engg.
Score: 30.27



Pramod Bodke
Elect. & Telecomm.
Score: 30.12



Ajay Ambare
Electrical Engg.
Score: 29.89



Sharvari Inamdar
Electrical Engg.
Score: 29.89



Ananda Madane
Mechanical Engg.
Score: 29.51



Sumit Kavathekar
Elect. & Telecomm.
Score: 29.00



Rohit Shinde
Computer Engg.
Score: 28.88



Shantanu Shamraj
Computer Engg.
Score: 27.54



Akshay Shelke
Electrical Engg.
Score: 27.25



Nitinkumar Damale
Mechanical Engg.
Score: 27



Kajal Borlepwar
Elect. & Telecomm.
Score: 26.11



Dipak Narsale
Electrical Engg.
Score: 25.63



Amarja Ghogare
Information Tech.
Score: 25.00



Pallavi Shinde
Elect. & Telecomm.
Score: 17.95



Anant Burase
Elect. & Telecomm.
Score: 17.95



Prachi Gaikwad
Electrical Engg.
Score: 17.4



Prof. G. J. Chhajed
Comp Engg. (Faculty)
Score: 38



Prof. S.R. Trankatwar
EnTC Engg. (Faculty)
Score: 36.29

Recipients of Cummins Scholarships: 2015-16

Cummins Scholarship is awarded to following students which covers full educational expenses covering academic fees, hostel and food charges. This scholarship continues till the completion of degree program provided student has to maintain good academic record.



Srushti Gaikwad
(FE)



Shivani Nigade
(SE-COMP)



Shivani Devtarse
(SE-COMP)



Priyanka Jadhav
(TE-E&TC)



Nilesh Mane
(TE-MECH)



Sayali Kadam
(TE-MECH)



Teja More
(TE-ELECT)



Vidhya Shinde
(TE-ELECT)

Achievements in Indian Medical Device Expo 2016

Pooja Gandre, Vishal Vende and Shubham Jivtode, Students of BE(E&TC) have won second prize in Indian Medical Device Expo 2016 organized by IIT, Bombay, VNIT and COEP, Biomedical Engineering & Technology incubation Centre at College of Engineering, Pune.



VPKBIET Faculty and Students along with Prof. B. Ravi , Head BETIC, IIT, Bombay at Indian Medical Device Expo 2016



Award winning team at Indian Medical Device Expo 2016

Summer Industrial Internships: 2014-15

In 2014-15, students have undergone summer training in the following companies:

- Bharat Heavy Electrical Ltd. [BHEL], Bhopal
- TATA Cummins Ltd., Phaltan
- Bharat Forge Ltd., Pune
- Hyundai Motors India Ltd., Chennai
- PIAGGIO Vehicles Pvt. Ltd. Baramati
- Schreiber Dynamics, Baramati
- Walchand Industries Ltd., Walchandnagar

RECRUITERS



Employability Enhancement Courses offered at VPKBIET

- Intensive Classroom Program (ICP) for GATE'15
- Object Oriented Programming in Core Java
- Industry Automation Product (PLC/SCADA)
- Programming in C
- Crash Course on SSB Preparation
- Teacher Advancement Program (Level –1)
- Campus Recruitment Training Programme
- Campus to Corporate Training
- SSB Preparation
- Corporate Training by Bharat Forge Ltd.
- Certification course in STAADPro V 8i
- Spoken English
- "A" Level Certification Course in Telecom.
- Planning and Project management Software
- Certification programme in Auto Desk Auto CAD

Financial Assistance to Deserving Students

Apart from Govt. Scholarships, institute provides support through following schemes to meritorious students from economically weaker section.

- Tuition Fee Waiver Scheme
- Financial support from Pawar Charitable Trust and Vidya Pratishthan Trust
- Learn and Earn Scheme



Digital Library

The library has an excellent collection of e-books, e-journals, and CDs for reference and other reading materials. The Library carries out all its operations using software developed in-house, providing access to all the knowledge material through Online Public Access Catalogue (OPAC). It uses Bar-code Technology for transactions. The Library has a pool of 20 machines connected to internet for surfing of world wide knowledge ocean and various important professional e-journals accessible to staff and students. The reading hall is always full with more than 350 students taking advantage of its amenities.

Services Offered

- OPAC
- Home lending
- Book Bank Service
- Reading Hall Books Service
- Books Return Drop Box
- Photocopy Service
- Reading Hall
- Internet Service with Wi-Fi



Springer Journals/Letters

- Multidimensional Systems and Signal Processing
- Cryptography and Communications
- Journal of Applied Mathematics and Computing
- Real-Time Systems
- Peer-to-Peer Networking and Applications
- Design Automation for Embedded Systems





VPKBIET Promotes Active Living

Central Computing Facility

The Central Computing Facility (CCF) of VPKBIET caters to the computing needs of the engineering students. It is equipped with Desktop Computers with the latest softwares.

Memberships and Recognitions:

- Over 260 IEL (IEEE,) Online Journals
- National and International Institute Memberships: AIU, ACU, SAE, IEEE, IETE, IET, CSI, Institute of Engineers
- IIT, Mumbai recognised Remote Center
- IBM Center of Excellence
- Faculty and Students Exchange Programs with LTU, Detroit, USA, Michigan Tech University Houghton, USA Detroit, USA, Michigan Tech University Houghton, USA

Library

The Library contributes to the goals in the fulfillment of VPKBIET's Mission by:

- Selecting, acquiring, organizing, maintaining and making accessible a collection of printed and non-printed material that will support the educational, research programs of both students and the faculty.
- Providing conducive environment to optimise use of library resources and appropriate need-based 24X7 schedule of service with professional assistance.

VPKBIET Library was built to international standards with an area of 1316 sq. mtrs., with a spacious Reading Hall. Specialized collection of Books, Journals, E-journals is available in Basic Sciences, Engineering and Technology, Architecture, Humanities and Social Sciences. VPKBIET library adopts advanced features like bar-coding for books as well as members and automated system. The internet centre in the library has dedicated 100 Mbps leased line with Wi-Fi connectivity.

Life on Campus

Life at VPKBIET Campus combines the excitement of a vibrant student city with the security of a self contained Campus, where students find excellent support, world-class infrastructure, best teaching culture and outstanding facilities.

Seminar Halls

Institute facilitates active online learning on campus through its well-equipped five seminar halls with audio-visual facilities.

Ga.Di.Ma. Auditorium

The Ga.Di.Ma. Auditorium with a seating capacity of 2000, is fitted with all the modern systems including a 35mm projector to screen movies. The hall is hub of cultural activities and extra-curricular competitions.



Hostel and Mess Facility

The institute provides comfortable clean and safe hostel accommodation, with requisite amenities and mess facility for all boys and girls requiring hostel facilities. The rooms are connected to the main server by Wi-Fi and high speed internet facility. Laundry services with washing machine are provided in each hostel. Each hostel has mess in the hostel building and provides water purifier with RO technology. Strict supervision of kitchen and drinking water facilities ensures cleanliness and hygiene.

Canteen

The institute has a full-fledged canteen which is open to all for seven days. It offers a variety of wholesome and hygienic food-items at affordable cost.

Gymnasium and Sports

A full-fledged sports campus is developed on 20 Acres sports complex of Vidya Pratishthan. Olympic size running track, a well-developed Kho-kho ground, Football, Tennis Courts facilities are available with trained coach. Fully-equipped gymnasiums for Boys and Girls are available. The college has its own playground with a provision for Volleyball, Basketball, Cricket and Kabaddi. In addition to this, Open Gymnasium facility is also made available at VPKBIET Ground near the Hostel Premises.

Medical Facility

Ambulance facility is available round the clock and the Primary Health Centre is available at next door in case of emergency.

Community Center

Its facilities include daily needs like a Stationery Store, Medical Store, Saloon, Snacks Center, Bank, etc.

NSS and Other Cultural Activities

NSS unit of this institute is an active and participates in the social events such as Blood Donation camps, Gram Swachhata Abhiyan, Tree Plantation, Environmental Awareness Camps, Computer Literacy Programmes, Empowerment of Women etc. Nabhangan is the annual cultural activity organized by students which involves Dance, Dramas, Songs and various competitions.

Faculty and Staff Accommodation

VPKBIET provides in-campus accommodation to almost all faculty and staff who keep close contact with students.

NAKSHATRA Garden

The jogging track encompassing the garden which has been topped with red soil for comfort of daily walkers. The layout of the garden is based on the zodiac signs of the almanac and provides serene atmosphere for those inclined towards philosophical mindset.

Guest House

To cater the need of the campus, the guest house services are made available with full-fledged modern amenities. In addition to this accommodation in staff quarters and hostel guest house is also provided to visitors and parents.

IEEE Student Branch at VPKBIET

VPKBIET has established IEEE Student Branch in 2015. The branch is motivated with the goal of enriching the technical activities, within the institute and around, through workshops, talks and contests. The student branch is well associated with IEEE Bombay Section. It welcomes participation and healthy interaction among students and experts at technical and social level. The branch has established following professional societies under IEEE to foster technological innovation and excellence for the benefit of humanity.

IEEE Professional Society	Faculty Chair
IEEE Signal Processing Society (SP)	Prof. R. K. Shastri
IEEE Women in Engineering Affinity Group (WIE)	Prof. J. S. Rangole
IEEE Power and Energy Society (PES)	Prof. P. L. Ratnani
IEEE Special Interest Group on Humanitarian Technology (SIGHT)	Prof. D. M. Padulkar
IEEE Young Professionals	Prof. S. K. Shah

IEEE Student Branch at VPKBIET have received an opportunity to host 2nd IEEE Bombay Section Signature Symposium (IBSS)-16 during the month of Dec'16.

Departments at VPKBIET

Department of General Sciences

During the school days, students learn science subjects viz. Physics, Chemistry and Mathematics. Engineering subjects are mere applications of basic sciences and hence students find them not only very easy to understand but also very interesting to learn. It is now time for the students to apply this knowledge to practical situations. During first year of engineering, the students have to learn Engineering Physics, Engineering Chemistry and Engineering Mathematics along with the core engineering subjects i.e. Mechanical Engineering and Graphics, Basic Civil Engineering, Mechanics, Electrical Engineering, Basic Electronics and Fundamentals of Programming Languages. This institute takes special efforts to nurture and induct the process of "Learning Forever" among the beginners by introducing the scientific method of learning through Mind mapping, Rapid reading, etc. These scientific techniques help the students to learn in easiest way and make their further journey more enjoyable.



Department of Electronics and Telecommunication Engineering

Year of Establishment: 2000		
Faculty	Professor	01
	Assistant Professor	24
	Lecturer	---
Guest Faculty		07
Student Intake		120
Staff Student Ratio		1:15

The department aims to cater needs of budding engineers in the emerging fields of Advanced Communications, Robotics, Embedded Systems, Signal & Image Processing, etc. Consistent efforts are taken by the faculty to bring in the new advancements in existing laboratories along with essential trainings to the students. The department regularly arranges meets with industries and conducts refresher courses in coordination with institutions of Higher Learnings in emerging areas to sustain the pace of advancements. Special training sessions are also arranged along with regular curriculum in order to increase the employability of students. The department also offers Postgraduate Program in Digital Systems which further supports the research and extension activities.

The facility of Industrial Automation is also offered at department through National Instruments Embedded Vision System. The department has recently established Wireless Test and Measurement Lab. setup which is made available for first time in any Indian Institute.

The department is known for its significant research outcomes in the area of Microstrip Antenna Design, Underwater Signal Processing and Design of Embedded Solutions for rural support systems.

Laboratories

- Communication Lab
- Signal Processing Lab
- Solid State Device Lab
- RF & Microwave Lab
- VLSI Embedded Lab
- Linear IC Lab
- Digital Electronics Lab
- Project Lab
- PG Research Lab

Software

- MATLAB
- CST Microwave Studio
- Embedded System Softwares
- IE3D
- OptiSystem
- Xilinx ISE
- Proteus
- MICROWIND
- ORCAD • LabVIEW



Department of Computer Engineering

Year of Establishment: 2000		
Faculty	Professor	---
	Assistant Professor	14
	Lecturer	---
Guest Faculty		04
Student Intake		60
Staff Student Ratio		1:14

Computer Engineering is the key in steadily growing horizon of the world in every field. Computer Engineering facilitates the society what they want in a single click. Starting from education to innovation, it plays an important role to keep everyone in pace of rapidly changing technology. Our students are prepared to grasp, apply and upgrade themselves in areas of Computer Engineering like Data mining, Soft Computing, Network and Information Security, Parallel Computing, System Softwares etc. With incoming new operating environments and programming languages so that they can be entrepreneurs, researchers or engineers at various domains with different computer engineering set of skills. The department also has a Postgraduate Program which further supports the research and extension activities. Students are encouraged to focus on problems and challenges, which result in new state of the art products and integrated computer capabilities.

Laboratories

- Programming Lab
- Database System Lab
- Advanced Network Lab
- Operating System Lab
- Parallel Computing Lab
- Digital Lab
- Computer Vision Lab

Software

- Visual Studio
- Java
- .NET, Eclipse, PHP/MySQL
- IBM-DB2, RAD
- MATLAB
- Microsoft Academic License (MSDN)



Department of Information Technology

Year of Establishment: 2000		
Faculty	Professor	---
	Assistant Professor	12
	Lecturer	---
Guest Faculty		02
Student Intake		60
Staff Student Ratio		1:17

Information Technology (IT) is the application of computers to store, retrieve, transmit and manipulate data, often in the context of a business or other enterprise. Several industries are associated with information technology, including computer hardware, software, electronics, semiconductors, internet, telecom equipment, e-commerce and computer services. Information Technology is the new and the most captivating sector of the modern world.

IT professionals perform various duties, which range from the designing, developing and installing applications for simple as well as complex real world problems. The course covers all the subjects necessary to develop and manage the applications. The course includes fundamental subjects like Data Structures and Algorithms, Computer Organizations and Architecture, Study of various Processors, Operating System, Database Management, Networks, System Programming, Information Retrieval, and Security in all the domains. Along with the fundamental subjects, IT also covers the courses to manage and maintain the application for the quality product.

The department regularly arranges meets with industries and conducts refresher courses in coordination with institutions of Higher Learnings to sustain the pace of advancements in the area of Information Technology.

Laboratories

- Software Lab
- Network Lab
- Information Technology Lab
- Software Development Lab
- Advanced Computing Lab

Software

- Oracle 9i
- IBM Rational Rose
- NS2, Mongo DB
- Open Source Softwares viz. Eclipse, Scilab, LaTeX, Xaamp

- Android SDK, Netbeans
- Codeblocks, Wireshark
- Cassandra, DynamoDB



Department of Civil Engineering

Year of Establishment: 2006		
Faculty	Professor	---
	Assistant Professor	10
	Lecturer	01
Guest Faculty		04
Student Intake		60
Staff Student Ratio		1:16

Civil Engineering contributes to the rapid growth in infrastructural developments in various sectors viz., Industry, Irrigation, City & Town Planning and Transportation, etc. Civil Engineer has to play a vital role in the overall development of various infrastructural facilities such as Roadways, Railway bridges, Water-supply and Sewage Systems, Ground and Underground structures. The role of Civil Engineer is imperative as a surveyor, planner, designer, estimator, creator and Project Engineer, etc. In view of this, to impart the best academic deliveries during the graduation, the department regularly arranges trainings and invited talks in the relevant areas. Dedicated faculties and State-of-the-art laboratories are key features of the department. The department also has a Postgraduate Program in Structural Engineering which further supports the research and extension activities.

Laboratories

- Basic Civil Engineering
- AUTOCAD Lab
- Fluid Mechanics
- Engineering Geology
- Concrete Technology
- Engineering Mechanics
- Environmental Engineering
- Surveying
- Strength of Materials
- Geotechnical Engineering
- Environmental Engineering
- Transportation Engineering

Software

- AUTOCAD
- STAAD Pro-14
- Primavera
- MS-Project



Department of Mechanical Engineering

Year Of Establishment: 2002		
Intake		60
Faculty	Professor	---
	Assistant Professor	15
	Lecturer	01
Guest Faculty		02
Staff Student Ratio		1:14

Mechanical Engineering is a core branch which adds value to the material through several processes, operations and treatments to develop products for humanity for their better living.

The faculties of the department provide instructions and training to the students in automobile engineering, robotics, computer aided design, modern manufacturing practices, industrial automation to turn out very competent mechanical engineers. The department also offers Postgraduate programs in Energy Engineering and Design Engineering. The strength of the department is the state-of-the-art laboratories in the emerging areas like Vibration & Noise and Material Testing.

Local industries have shown their keen interest in collaborating with us to conduct courses for their employees.

Laboratories

- CAD/CAM/CAE Lab
- Heat Transfer Lab
- Refrigeration and Air Conditioning Lab
- IC Engine Lab
- Vibration Lab
- Dynamics of Machineries Lab
- Theory of Machines Lab
- Fluid Mechanics & Machinery Lab
- Material Science & Testing Lab
- Basic Mechanical Engineering Lab
- Metrology & Quality Control Lab
- Mechatronics & Robotics Lab

Software

- AUTOCAD
- ANSYS
- SOLID EDGE
- MASTERCAM
- MATLAB



Department of Electrical Engineering

Year Of Establishment: 2010		
Intake		60
Faculty	Professor	---
	Assistant Professor	06
	Lecturer	03
Guest Faculty		03
Staff Student Ratio		1:20

Department of Electrical Engineering established in 2010 to meet the growing needs of expanding field of Electrical Engineering. The course in Electrical Engineering provides a sound foundation in Electrical Machines, Power Generation & Efficient Transmission Systems, Measurement and Control. Ample employment opportunities are available in public and private enterprises and also in Research & Development organizations for budding electrical engineers.

The enthusiasm of learning is nurtured through various practices like Project Competitions and regular field visits at Nuclear, Thermal, Wind and Hydroelectric Power Stations.

Laboratories

- Basic Electrical Engineering Lab
- Electrical Measurement & Instrumentation Lab
- Electrical Machines Lab -I & II
- Power Electronics Lab
- Control System Lab
- Microprocessor & Microcontroller Lab
- Power System Lab
- Computer Lab
- PLC and SCADA Lab
- Switch-Gear & Protection Lab

Software

- MATLAB
- ETAP
- Psim





Workshop

Workshop is the place where budding engineers understand the conversion process of raw material into finished products. Efforts are made to give hands-on training with the manufacturing processes to the upcoming technocrats.

Mechanical Engineering students acquire proficiency in machining, welding, forging etc. Graduating students implement these skills and knowledge for their project works and are exposed to the ongoing maintenance and repair work on campus.

The workshop is equipped with best machinery and set-ups in Pattern Shop, Smithy, Welding, Fitting, Plumbing, Plastic moulding, Machine Shop, etc.

The workshop team regularly contributes in many in-house projects such as;

- Ergonomically designed and manufacturing of Desks for Schools and Colleges of Vidya Pratishthan
- Production of e-bikes (Bicycles and Tricycle)
- Design and manufacture of sports utilities required on campus
- Exercise bicycle for handicapped persons.

The institute also provides vocational training in trades like welding, plumbing etc. to the school dropouts with a view to enable them to secure employment in the fast developing industrial area of Baramati.



VPKBIET Workshop



Farm Slinger : An in house designed vehicle

NSS, Sports and Cultural Activities

The NSS unit of this Institute is very active and is always in the front for serving the nearby society. NSS volunteers are regularly involved in various activities viz., literacy awareness programme, blood donation camp, health check-up camp, tree plantation & environment awareness, road safety, etc.

NSS unit at VPKBIET with 100 volunteers is one of the best units in SPPU, Pune.

- Ms. Ashwini More, a NSS volunteer participated at State Level Republic Day Parade 2015.



Blood Donation Camp Organized by NSS Unit

Student Appreciations at Various State and National Level Tournaments

Awards at National Level Inter Collegiate Sports Tournament ZEST-15 organized by College of Engineering, Pune

- Tushar Nawale (BE-Electrical) won Gold Medal in 1500 mtr. Running Athletics and Bronze Medal in 4x400 mtr. Relay Athletics.
- Mane Aditya (TE-Electrical) won Bronze Medal in 4x400 mtr. Relay Athletics.
- Dosalwar Yugendra (TE-E&TC) won Silver Medal in Triple Jump Athletics and Bronze Medal in 4x400 mtr. Relay Athletics.
- Shedage Sagar S. (SE-IT) won Bronze Medal in 400 mtr. Running Athletics and Bronze Medal in 4x400 mtr. Relay Athletics.
- Devhade Akash (SE-Electrical) won Bronze Medal in 4x400 mtr. Relay Athletics.



Kabaddi Team Playing at State Level

Awards at State/University Level

- Vangate Narendra (TE-IT) won first prize in Inter Collegiate Boxing tournament at State level conducted by Savitribai Phule Pune University.
- Rahul Kale (TE-Electrical) stood second in Inter Collegiate State level Kabaddi Tournament held by Savitribai Phule Pune University.
- Tushar Nawale (TE-Electrical) won Silver Medal in 1500 mtr. Running Athletics and was selected for zonal level at Inter Collegiate Athletics Tournament of Savitribai Phule Pune University.



Award Winning Kho-Kho Team

Cultural Activities

Students of VPKBIET are actively engaged in various cultural events celebrated periodically in the institute. **"NABHANGAN"** is the annual cultural festival at VPKBIET which involves celebration of various days like Tie and Saree Day, Traditional Day, Chocolate Day etc. During traditional day, various classes perform a small act on the traditional theme assigned to them. This platforms a unique example of "Unity in Diversity" when all traditional themes across various states in Nation are represented by the students.

This cultural carnival boosts Students' energy while participating in various events such as Dindi, Treasure Hunt, Dance, Drama and Singing Competitions. Dindi is a unique event organized during NABHANGAN which involves performance by various classes on several themes like "Women Empowerment", "Conservation of Energy" etc. which appeals to the prospective stake-holders of the society.



Regular Participation in Purushottam and Firodiya Karandak

Purushottam and Firodiya Karandak are all about energy, enthusiasm, dedication, creativity, persistence and much more to explore artistic performance. These are the competitions that have a tradition and culture wherein the theatrical spirit is brought alive. The spirit of these events goes beyond competition. Students of VPKBIET use this platform to showcase their talent through plays based on various social issues. The performance by students in these competitions is appreciated many times at the State level. During Purushottam-2015, students of VPKBIET received a special appreciation for their play "Udhaar Ghar".



Renaming Ceremony

Entire world is looking for skill-based quality education for which industry-institute interaction is must. The pioneer institutes in technical education like IITs and NITs recognized its need long back and are associated with business groups like Kalyanis, Bharatis and many more. We are fortunate to get associated with one of the India's oldest and most respected business groups, "The Bajaj Group".

"Vidya Pratishthan's College of Engineering" is renamed as "Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology" on 17th October 2015 in the august presence of Hon. Minister of Finance, Shri. Arun Jaitley, Shri. Rahul Bajaj and Shri. Sharad Pawar, President of Vidya Pratishthan and other dignitaries.

The name of Late Shri. Kamalnayan Bajaj to this College of Engineering Baramati will inspire staff and students to strive for achieving greater heights in academics, research and in social fields as well.



Shri. Arun Jaitley, Minister of Finance along with Shri. Rahul Bajaj and Shri. Sharad Pawar during Renaming Ceremony on 17 October 2015



Interaction of Hon. Finance Minister with Faculty and Students of VPKBIET

Training and Placement Cell

The Training and Placement Cell at VPKBIET Baramati regularly organizes training programs for enhancement of the right attributes in students to increase their employability. The T&P cell conducts various activities to attract excellent opportunities for students and to strengthen the Institute Industry tie-up.

VPKBIET also has a long term association with various industries like Cummins India Pvt. Ltd, Bharat Forge, Piaggio Vehicles, Persistent Systems, Extentia Information Technology, etc. This Industry-Institute Partnership also helps students for their Summer/Winter Internship and availing sponsored projects.

Industrial Visits

Industrial visit is an integral part of the academic curriculum which provides students the greater insight about the working environment of an organization. Institute organizes regular visits to various industries in order to understand and learn the emerging trends in the field of engineering & technology.



Students at Piaggio Vehicles, Baramati



Students at HVDC Terminal Station Padghe, Mumbai



Students at Dhom Balkawadi Dam, Wai



Students at Jawaharlal Nehru Port Trust, Mumbai



Abhishek Dhawan CEO, Feelsoft (At Center) along with Student and Faculty of Computer Deptt.

College Honours Distinguished Alumni



"My journey at VPCOE has been phenomenal! I decided to join this institute almost 15 years back in 2000 and that is one of the best decisions I ever made since it helped me reach where I stand today. It is truly a place of endless possibilities. The value VPCOE added to my life extends beyond the knowledge I gained. I received the freedom to think, wings to fly and become what I wanted to. The faculty here is extremely supportive and the overall environment and facilities are progressive. I highly recommend and applause the achievements of VPCOE that has moulded the lives of many young students like yourself. Best! "

Shilpi Gupta, (BE -IT 2004)

Senior Technical Program Manager,
Yahoo, Inc., California, US

College is the best time of life and I was lucky to spend it at VPCOE. Apart from moulding me as a professional, it gave me the confidence to work with the top professionals right from my very first job. The arsenal I acquired raised me in good stead in the tough battlefields of corporate life. I believe that my years at VPCOE played no small part in shaping me into, above all, a good human being.



Omkar Ambulkar, (BE-IT 2004),

currently working as Principal Consultant, Oracle.



VPCOE occupies a special place in my heart. This place gave me an education and the necessary skills to face the challenges. Teachers who taught me are still actively mentoring the young ones just the way they pushed me when I was naïve. We still fondly remember the Dindi day, Robocon event and of course, our fiercely contested sports tournaments. These are now an integral part of the VPCOE culture. It was at this place that I was able to forge some really strong friendship that have stood the test of time.

Ketan Pathak (BE-Computer 2006)

Founder and CEO, Octus Systems

VPCOE is not only good engineering college but also a great platform to satisfy their all kinds of personality developmental needs. College has always provided eminent faculty to the students so that they can climb ladder of career in the right direction.



Girish S.Jadhav (BE-Mechanical 2007)

Ministry of Home Affairs
Government of India

College Honours Distinguished Alumni



"VPCOE provided me with world class education and a wonderful campus with great vibes. VPCOE provided me with countless opportunities to excel academically, develop unforgettable social ties and prepare for a meaningful career and future. It provided state of art infrastructure and amazing faculty which helped me throughout my time. As an advice I would ask the current students to take full advantage of all that is offered to you and you will do more than just succeed, you will receive a well-rounded fantastic education to help you in whatever job you end up in."

Rohit Dhumal, (BE-Computer 2008)

Software Engineer, Major League Baseball Advanced Media
New York, USA. Yahoo, Inc., California, US

VPCOE is a great place to study, the learning environment and the method of imparting knowledge make one comfortable and involved. I had benefited from the institute by acquiring qualities to become a good technocrat. The faculties were always accessible and encouraging and cherish time always.



S. Venkatesh (BE-Mechanical 2009)

FEA Engineer, Lennox India Technology Center (LITC), Chennai



"VPCOE has been a life changing step in my life, I have learnt a lot of things along with engineering, the atmosphere in VPCOE is perfectly made for students and the faculties are beyond amazing, they have been really helpful and supportive. I also have learnt a lot of things from the "Art Circle". This college has not only given me a good education, but a lot of experience, exposure, memories and friends that I can treasure all my life!"

Vishal Nale, (BE-IT 2010)

Fashion Photographer
Currently working internationally in Singapore, Thailand, Australia for Fashion Magazine and Travel shows.

I am proud to be an alumni of VPCOE. The motivation and driving force provided by VPCOE is helpful to get along in the world at every step. I had a wonderful experience during my graduation at VPCOE. I have seen the phenomenal growth of the institute at both the fronts viz., being a student and being a faculty at the same institute. Motivating authority, team work culture, and conducive academic environment have brought the institution at newer heights in the last 10 years. It is my pleasure to be a part of committed faculty team at VPCOE.



Sahil K. Shah (BE-IT 2010)

M.E. (Computer Engg.) Assistant Professor
at Information Technology Department, VPKBIET, Baramati

College Honours Distinguished Alumni



It was wonderful experience for me to study at VPCOE. Atmosphere in institute was really great. Awesome infrastructure, Hostel life, extra curriculum events are the major features of the institute which I enjoyed most. Institute is like a Family for student. It nourishes students not only in Academics but also in sports and other curricular activities.

Kundan Dere (BE -IT 2010)

M.Tech. (IT) NITK Surathkal (Gold Medallist) Oracle India Private Limited.

VPCOE is a temple of knowledge where professors and staff are supportive and encouraging and guiding us to take right decisions at various steps of life. They hold my hands like parent when I found obstacle in my way.

Pankaj Kumar Singh, (BE-E&TC 2011)

Lieutenant colonel, Indian Army.



I am proud to be graduated from VPCOE. Basically college environment is very good for the student who came from rural area. I think this is one of the rarest colleges in the Pune University, where all syllabus is completed. Most important thing about the college is "one of the finest libraries the college has and it is open 24/7 hours".

Shrikant Salgar (BE-Computer 2011)

Project Engineer, C-DAC R&D, Pune

Eminent Visitors

- Dr. William Predebon, Professor and Department Chair, Mechanical Engineering – Engineering Mechanics, Michigan Technological University, Houghton, USA
- Dr. Craig Friedrich, Professor and Director of Graduate Studies, Mechanical Engineering – Engineering Mechanics, Michigan Technological University, Houghton, USA
- Dr. R. K. Shevgaonkar, Director, Indian Institute of Technology, Delhi
- Dr. S. D. Joshi, Indian Institute of Technology, Delhi
- Prof. Hemant Abhyankar, Vice President, VIT Group of Institutions, Pune
- Prof. Mangala Sunder Krishnan, Professor, Department of Chemistry, IIT Madras
- Prof. A. N. Chandorkar, Professor, Dept. of Electrical Engineering, IIT Bombay
- Prof. Kushal Sen, NPTEL Coordinator, IIT Delhi
- Mr. Leopold Haex (Betasource), Amsterdam, Netherlands
- Dr. Yogendra Dixit, Retired Scientist, ISRO
- Prof. (Dr.) Arjun Murudkar, Former Vice-Chancellor, J.J.T. University Rajasthan and Shri. Venkateshwara University U.P.
- Prof. Ishaque Khan and Prof. M. Krishna Erramilli, Illinois Institute of Technology, Chicago.

Photo Gallery



Welcome Address by Dr. S.B. Deosarkar during NPTEL Workshop at VPKBIET



TIME - 2015 in association with IIT, Bombay



Dr. Anil Sahasrabudhe witnessed various research activities at VPKBIET Campus



MoU Signed with COEP: Dr. Anil Sahasrabudhe (Former Director COEP, Pune) and Shri. Prataprao Pawar, Chairman Sakal Media Pvt. Ltd. at VPKBIET Campus



TIME - 2015 in association with IIT, Bombay



TIME - 2015 in association with IIT, Bombay



TIME - 2015 in association with IIT, Bombay



TIME - 2015 in association with IIT, Bombay



Our Student Rahul Rajan Patil (B.E. E&Tc.) Winner in Boxing (Middle Weight) at National Level Inter Engineering Sports Meet-SUMMIT'14.



Shri. Shekhar Kulkarni, Chairman Manik Systems Pvt. Ltd, Pune interacting with faculty on Engineering Career and Entrepreneurship Development

Photo Gallery

Renaming Ceremony of VPCOE to VPKBIET Saturday 17th oct. 2015



Photo Gallery



Convocation Ceremony 2015-16





VIDYA PRATISHTHAN

EXECUTIVE COMMITTEE

SHRI. SHARADCHANDRAJI GOVINDRAO PAWAR	President	SOU. SUPRIYA SADANAND SULE	Member
ADV. ASHOK VASUDEV PRABHUNE	Vice-President	SOU. SUNETRA AJIT PAWAR	Member
SHRI. RAMNIK RAMJI MOTA	Treasurer	SHRI. BALASAHEB PATIL TAWARE	Member
SHRI. DATTATRAYA RAJARAM UNDE	Secretary	SHRI. SHRIKANT MURLIDHAR SIKACHI	Member
SHRI. AJIT ANANTRAO PAWAR	Member	ADV. NEELIMA VINODKUMAR GUJAR	Member
SHRI. VITTHAL B. MANIYAR	Member	DR. RAJIV MOTILAL SHAH	Member



Vidya Pratishthan's Kamalnayana Bajaj Institute Of Engineering & Technology, Baramati

Approved by AICTE New Delhi & Govt. of Maharashtra
Affiliated to the Savitribai Phule Pune University.

Vidyanagari, Bhigwan Road, Baramati, Dist. Pune (Maharashtra) 413 133. India
Phone : (02112) 239503, 239500 • Fax : 91-2112-239514
e-mail : principal@vpkbiel.org • Web : www.vpkbiel.org