



Vidya Pratishthan's

Kamalnayan Bajaj Institute of Engineering and Technology, Baramati

Approved by AICTE & Govt. of Maharashtra, Affiliated to Savitribai Phule Pune University, Pune University Id.No. /PU/PN/Engg./152/2000 | DTE Code: 6284

NAAC 'A' GRADE



VISION

To achieve academic excellence through persistent and synergic collaborations amongst all Stakeholders

MISSION

- To ensure holistic development of students as life-long learners and problem solvers through value-based quality education.
- To motivate faculty to gain knowledge and wisdom in their domain and be a facilitator towards co-creation of knowledge.
- To frame and deploy conducive and empowering policies for multifaceted growth of students, faculty
 and staff to make them contributors towards excellence.
- To collaborate with industry for mutually beneficial relations to generate employable and deployable workforce.
- To satisfy the aspirations of alumni, parents, society, region and nation at large by providing technically competent and contributing man-power.

Quality Policy

VPKBIET has student-centered institutional development as its motto. We are committed to pursue academic excellence to develop a student with comprehensive technical knowledge and integrated personality. We prepare students to think globally, act locally, involve individually and systemize institutionally to meet emerging industrial and social needs.

Quality Objectives

- To make Quality Technical Education facilities available to our students and expedite all-round personality development.
- To provide industrial training / internship and project-based learning to most of the students in each branch of Engineering.
- To provide incentives and encourage staff and students to actively involve in research, innovative projects in collaboration with industry and various funding agencies.
- To upsurge number of students progressing for higher education within four years of graduation.
- To increase faculty members with Ph. D. qualification.
- To increase publications in peer-reviewed high quality international journals.
- To invite more number of experts from industry for collaboration and promote Industry-Institute interaction through Industry Institute Interaction Cell (IIIC).
- To encourage consultancy and testing and respond to the needs of the immediate neighborhood.

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Principal's Foreword



Dr. R S Bichkar

Principal

VPKBIET, Baramati

Journey of Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology (VPKBIET) started in year 2000 to achieve the status of a leading Engineering Institute in India with the motto of 'Rural Development' through quality technical education at an affordable cost. Today, we have the distinction of NAAC Accreditation with 'A' Grade.

In this era of globalization of education, our obvious focus is on providing quality education. We firmly believe that if a student is given an opportunity and guided properly, he or she will develop the competencies required to face the challenges in the outside world. We strive continuously for academic excellence and continual improvement to ensure students' holistic development.

VPKBIET has a tradition of imparting knowledge through multifaceted learning processes. Our motivated faculty brings with them a wide experience that they have gained from the reputed institutes to empower students. Eminent experts from IITs, premier institutes and industry are also invited to deliver knowledge sessions and conduct workshops.

Learning through online forums such as SWAYAM, NPTEL, Coursera, edX, and udemy are the integral part of VPKBIET study culture. In order to increase employability of students, we are training them to improve their soft skills, communication skills, group discussion, team leadership and work ethics. We encourage students to involve in innovative, product-development, start-ups and entrepreneurship activities. Co-curricular and extracurricular activities are always emphasized to ensure holistic development of students. VPKBIET works diligently to realize its mission of facilitating students to become problem solvers and respectable professionals.

VPKBIET has consistently endeavored to produce proficient engineers who can shine with their technical and professional capabilities. We look forward for a long association and synergy with all the stakeholders who are associated with us directly or indirectly and welcome you to experience the extraordinary culture of VPKBIET, Baramati.

Best Wishes!

ACADEMIC PROGRAMS

Vidya Pratishthan's Kamalnayan Bajaj Institute of Engineering and Technology (VPKBIET) is affiliated with Savitribai Phule Pune University. The Institute offers various Undergraduate, Post-graduate Engineering Programs and B. Voc Courses which are approved by AICTE, New Delhi and Government of Maharashtra. VPKBIET has been accredited with 'A' Grade by NAAC in 2017.

Program Level	Name of Program	Sanctioned Intake	DTE Choice Code
	Artificial Intelligence and Data Science	60	628499510
	Computer Engineering	60	628424510
	Information Technology	60	628424610
Undergraduate	Mechanical Engineering	60	628461210
	Electrical Engineering	60	628429310
	Civil Engineering	60	628419110
	E and TC Engineering	60	628437210
	Artificial Intelligence and Data Science	18	628424510
Post-Graduate	Robotics and Automation (Mech.)	18	628460110
	Structural Engineering (Civil)	18	628421210
B. Voc.	Cloud Computing	60	
2. 100.	Robotics and Automation	60	

PROMINENT FACILITIES, COLLABORATIONS AND FEATURES

- State-of the-art Laboratory Facilities in each Department
- Well-Equipped Classrooms, Laboratories, Computer Centre and Workshops
- Full online access to IEEE, Springer and ASCE journal papers (Digital Library)
- 500 Mbps Dedicated Internet Leased Line and Excellent Computing Facilities (24x7 Wi-Fi availability in entire Institute)
- Recipient of Educational Excellence Award in Indo-Global Education Summit
- 2 F and 12 B Recognition from UGC, Govt. of India and Applied for Autonomy of the Institute.
- NBA Experts Committee visited the Institute for Accreditation.
- AICTE Sponsored Prerana Scheme for GATE/GRE/TOEFL/GMAT Examinations
- Intellectual Property Rights (IPR) Cell
- AICTE approved Innovation and Start-Up Cell under NISP
- Huge playgrounds, well-equipped Gymnasium and badminton courts for students
- Green, clean and environment-friendly campus and hostels
- Conducive atmosphere for studies and R&D activities
- Large number of training and cultural activities for students
- Excellent placement in multinational software as well as core industries
- GATE and NPTEL Examination Centre
- Spacious Reading and Study Halls
- Active Industry-Institute Interaction Cell (IIIC)
- 3-D Printing Facility and Establishment of Drone Club

- Insurance and Health Care Support for students
- Institute Level Media Cell
- Bharat Forge Centre of Excellence for Youth and Women Empowerment (Focus on AI, Computer Vision, Data Analytics, IoT, Robotics, Electric Vehicles, VLSI, etc.) and Incubation Centre
- IIT, Bombay-Spoken Tutorial Project (Skill Development Courses)
- Nodal Centre of Indian Institute of Remote Sensing (IIRS) under ISRO
- Technical Society Memberships of IETE and ISTE
- NME-ICT, IIT, Bombay Remote and Nodal Centre
- Mentee Institute of COEP under AICTE Margadarshak Scheme
- Member of ICT Academy (Govt. Approved) for Students' Training, Industry MoUs, etc.
- Nodal Centre of Virtual Labs., IIT, Bombay
- Students' Associations and Forums for technical activities like E-Yantra IIT, Bombay
- 'Career Katta' Platform (Govt. of Maharashtra) for MPSC/UPSC Examinations
- Support from NASSCOM, Future Skill Prime for Skill Development in emerging technologies
- Experienced and Qualified Faculty (28 Doctorates from Reputed Institutes in India and Abroad)
- Honour / Minor Degree Programs (SPPU)
- In-House GATE 2023 Coaching
- Excellent software availability like MATLAB, Solid Edge, Solid Works, ANSYS, Mentor Graphics, Fusion360, AutoCad, LabVIEW, Siemens NX, GIS and 3D Modeling
- Excellent online learning facilities with access to SWAYAM, NPTEL, Coursera, edX, udemy and YouTube Channels of Faculty
- Effective Mentor System for Students' Holistic Development

AMENITIES ON THE CAMPUS

Vidya Pratishthan has 30 Educational Institutions spread over 10 campuses all over Maharashtra. It provides excellent educational facilities to more than 28000 students from K.G. to Ph D Programs. The Head Office is situated in Baramati with lush green campus sprawling over 156 acres.

	Accommodation from UG to PG students is provided. It					
Boys and Girls'	has the capacity of 1111 boys, 1632 girls and 100 PG					
Hostels	students. Excellent hostel facilities like excellent food					
	quality, solar water, internet, cleanliness and safely					
	measures are provided.					
Guest House	2 Modern Suites, 10 Single and 10 Double Occupancy					
Guest House	Rooms					
Staff Quarters	224 Flats (4 Rooms-45, 3 Rooms-125, 2 Rooms-54)					
	Ga. Di. Ma. Auditorium with seating capacity of 2000					
Auditorium	with a Modern Digital Dolby Sound System and					
	Centralised AC System					
Gymnasium	Spacious Gymnasium with well-qualified trainers					
Community	Basic facilities like Bank, ATM, Stationary Store, Medical					
Centre	Store, Snacks and daily needs are available.					
Nakshatra	Uniquely designed garden having a large number of trees					
Garden	and an excellent Jogging Track					
	First-Aid Medical Treatment to Students, Faculty and					
	Staff residing in Vidya Pratishthan Campus					
Health	Ambulance is available on call 24x7.					
Services	The State Government Public Health Centre and					
	Hospital having 25 beds with Emergency services					
	adjacent to VPKBIET Campus					

MOUs SIGNED

The Institute has signed several MoUs with industries such as:

- Zensar Technologies Limited, Pune
- Amazon Web Services (AWS) Academy, New Delhi
- Rural Industries Development Association, Baramati
- Teckschool, Satara
- Impulse Technologies, Pune
- Insculpt Technologies LLP, Pune
- Shri Mayureshwar Industries, Baramati
- Bharat Forge Ltd. Baramati
- Primus Techsystems Pvt. Ltd., Pune

The Institute also has MoUs for overall cooperation with several reputed Universities abroad and Institutes in India.

- North Carolina State University, USA
- Michigan Tech. University, USA
- College of Engineering (COEP) Pune
- COEP'S BHAU Institute, Pune
- Science and Technology Park, Pune
- Krishi Vigyan Kendra, Baramati
- Nashik Engineering Cluster, Nashik
- ICAR-National Institute of Abiotic Stress Management, Malegaon, Baramati
- PMS Robotics Research Center, Pune
- AIC-Agricultural Development Trust, Baramati
- Maharashtra Centre for Entrepreneurship Development (MCED), Pune

DEPARTMENTS AT VPKBIET

General Science and Engineering

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Dr. Aparna Sajjan

Department of General Science and Engineering is committed to provide quality education needed for today's competitive, academic and technological requirements. The Department has qualified and experienced faculty members. A large number of our faculty have completed their Ph D degree. Our faculty members have published research papers in various national and international journals and presented their papers in conferences. We have well-equipped

laboratories with all modern equipment. The Department has excellent and favourable environment for harnessing the potential of students. Our faculty are the life members of professional bodies like ISTE, IAPT, ACT, ICC and IMS. We help students develop their technical as well as communication skills through systematic and effective planning which helps them succeed during their undergraduate studies, placements as well as for higher education. We have established Centres for students to improve their English and Mathematical abilities. For overall development of students, we provide opportunities through cultural events, sports, technical competitions and by organising guest lectures by renowned professionals.

Faculty Qualification	Ph D Completed: 6	NET/SET/Ph. D Pursuing: 3	M. Sc.: 3
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Laboratories in	Physics Lab.	Language Lab.
the Department	Chemistry Lab.	Computer Lab.



Physics Lab. (General Sci. and Engg.Dept.)



Chemistry Lab. (General Sci. and Engg. Dept.)

Information Technology

Department of Information Technology is committed to provide quality education in the field of Information Technology. Qualified and devoted faculty, well-equipped laboratories, motivated students and disciplined and progressive environment are the major strengths of the Department.

Our faculty participate in various training programs, workshops and Pr. Sheetal Takale research fellowship programs in reputed institutions. The collaborative working of faculty and students in Centres viz., machine learning, web technologies, image processing brings good learning culture. Students' Association 'IESA' provides students a platform to enhance their skills, leadership qualities and personality. Students and faculty have received Gold Certificates and All India Topper Certificates while learning through e-learning platforms such as NPTEL. Students also learn skills using courses on Udemy,

and occupied higher positions in MNCs and Government Organizations.

Faculty
Qualification

Ph D Completed: 1 Ph D Pursuing: 5 M.E./M. Tech.: 5

edX and Coursera. Alumni of this Department have received higher education

Laboratories	Software Lab.	Digital Lab.
in the	Network Lab.	Machine Learning Lab.
	Information Technology Lab.	Computer Vision Lab.
Department	Software Development Lab.	Information Security Lab.





Information Security Lab. (IT Department)

Software Development Lab. (IT Department)

Electrical Engineering



Dr. Rohit Tarade

Department of Electrical Engineering has well-equipped laboratories with modern equipment and software. Qualified and enthusiastic faculty are the strength of the Department. They take keen interest in building the career of students by imparting skill-based training, coaching for GATE and they use modern teaching tools and provide basic as well as advanced technical knowledge. The Department organises regular industrial visits, technical events

in collaboration with various professional bodies viz., IEEE, IE and ISTE. Students' club ELESA provides a platform to develop leadership qualities among students. It has established centres to provide skill-based training to students and has also signed MoU with Impulse Technologies, Pune. The enthusiasm of learning is nurtured through various practices like project competitions and industrial training.

Faculty Qualification	P	h D Completed: 1	Ph D Pursuing: 6	M.E./M. Tech.: 5
		Basic Electrical E	ngineering	Control Systems
		Electrical Measur	ement and	Microprocessor and
		Instrumentation		Microcontroller
Laboratories		Network Analysis		Power System
in the Electrical Machine		es-I and II	Computer Lab.	
Department Power		Power Electronic	Controlled Drives	PLC and SCADA
		Material Science and High Voltage		Switchgear and
	Engineering		Protection	
		Power Quality		Electrical Workshop





Basic Electrical Engineering Lab. (Elec. Engg. Dept.) PLC and SCADA, Control System Lab. (Elec. Engg. Dept.)

Mechanical Engineering



Dr. S. M. Bhosle

Mechanical Engineering Department at VPKBIET Baramati is dedicated to give experiential learning experience to students through hands-on-training by well qualified and experienced faculty from world's reputed institutions. We believe the true learning experience from academic delivery can be achieved through teaching innovations, mentoring practice, and creation of knowledge from experiments.

The Department aims at preparing our students for various industrial sectors as versatile engineers, hence offers rigorous courses in diverse specializations in mechanical engineering. Our state-of-the-art laboratories, and dedicated faculty members are successful mentors, researchers, and teachers backed by visionary higher authorities and management. The mission of the Department is threefold, aimed at not only students, faculty, and industry, but also the community on a local and national level. Preparing students for career in industry, academia, or government by fostering in them the technical capabilities and interpersonal skills necessary to succeed in their fields as well as the foundation for lifelong learning. The research opportunities available

with us are not limited to faculty and masters students; our undergraduate students work alongside many faculty members. Our student-led emerging technology centers and design groups, under the guidance of faculty members, are always seeking opportunities from industry to collaborate on research and projects.

Faculty Qualification Ph D	Completed: 6	Ph D Pursuing: 3	M.E./M. Tech.: 12
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	CAD/CAM/CAE Lab.	Fluid Mechanics and Machinery		
	CAD/CAM/CAE Lab.	Lab.		
	Heat Transfer Lab.	Material Science and Testing Lab.		
Laboratories	Experimental Stress Analysis	Basic Mechanical Engg. Lab.		
in the	Additive Manufacturing Lab.	Metrology and Quality Control		
Department	Additive Manufacturing Lab.	Lab.		
Department	IC Engine Lab.	Mechatronics and Robotics Lab.		
	Vibration Lab	Theory of Machineries Lab.		
	Dry aming of Machinery Lab	Refrigeration and Air-		
	Dynamics of Machinery Lab.	Conditioning Lab.		



3 D Printing Facility (Mech. Engg. Dept.)

Heat Transfer and Refrigeration Lab. (Mech. Engg. Dept.)

Computer Engineering



Dr. Chaitanya Kulkarni

Department of Computer Engineering is committed to provide excellence in Engineering education. We are also committed to nurture students to get acquainted with the latest skills and practices keeping the pace with the industry. The Department offers both UG and PG programs. It continuously organizes

various seminars, workshops and CEPs to improve technical and intellectual skills. Experienced and devoted faculty, well-equipped laboratories, research culture and disciplined environment are major strengths of the Department. We strive toward project-based learning and entrepreneurship development. Our alumni are working in multi-national companies and prominent industries. We also depute our faculty in premier institutions for various training programs. Students and faculty are active members of technical bodies such as CSI, IEEE and ISTE. Students' Association 'CESA' provides students a platform to enhance their skills and personality.

Laboratories in the Department

Programming Lab.

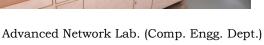
Database System Lab. Machine Learning Lab. Parallel Computing Lab.

Project Lab. PG Lab.

Operating System Lab.

Advanced Network Lab. Central Computing Lab.







Operating System Lab. (Comp. Engg. Dept.)

Civil Engineering

Faculty,

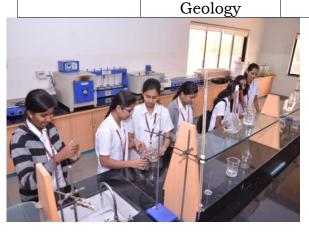


Dr. C. B. Nayak

Department of Civil Engineering offers undergraduate and postgraduate programs in Civil and Structural Engineering respectively. The Department is enriched with combination of young and experienced faculty with expertise in academics and research in the domain of Civil Engineering. The faculty motivate students to participate actively both in academics and research. Our faculty also participate in consultancy and Research and

Development works to extend their support to outside society. Our students and faculty keep themselves engaged in learning and updated through MOOCs like NPTEL, Udemy, edX and other forums. It provides an affordable and flexible way to learn new skills, advance their career and deliver quality educational experiences. The faculty are the life members of professional bodies like ISSE and ISTE.

Faculty	Ph D Completed:	5 Ph D Pursuing: 3	M.E./M. Tech.: 10
Qualification	P		
	Basic Civil	Strength of Materials	Engineering
	Engineering		Mechanics
Laboratories	AUTOCAD Lab.	Surveying Lab.	Concrete Technology
in the	Fluid	Geotechnical	Transportation
Department	Mechanics	Engineering	Engineering
	Engineering	Environment	ol Engineering





Environmental Engineering

Environmental Engineering Lab. (Civil Engg. Dept.)

Strength of Materials Lab. (Civil Engg. Dept.)

Electronics and Telecommunication Engineering



Dr. Balasaheb Patil

Electronics and Telecommunication Engineering Department has a rich tradition in research and teaching. The research interests of the faculty encompass the wide area of applied and fundamental aspects in the field. The Department has been constantly modernizing the infrastructure and laboratory facilities

and has initiated Students' Start-up Companies (Hatchlogic Electrosolutions Pvt. Ltd., Aeronics Pvt. Ltd., and Innovatic Pvt. Ltd.). It has filed 12 patents out of which 8 are filed in a single day. The faculty have won many reputed awards like Best Professor in E and TC Engineering, Young Scientist, Best Mentor in Smart India Hackathon by MHRD, Avishkar Project and Star Performer. They are consistently emphasizing institutional and self-development enhancements by completing various reputed courses like NPTEL, Coursera, edX, MATLAB, Udemy etc. They are encouraged to take independent initiatives with collective responsibility in all the relevant academic and R and D dimensions. Hence, the result is reflected in several research publications in reputed National, International Journals and Conferences. The Department has a goal for students' overall development through their innovative practices in teaching, promoting for research oriented and multidisciplinary curricular projects, arranging and conducting various training sessions for campus placements with the help of Training and Placement Department, skill enhancement through various centres. Students have showcased their skills at various national level competitions, NPTEL Examinations, Smart India Hackathons, Avishkar Competitions, Project Exhibitions and campus placement. Students are consistently busy in curricular, placement, projects, and self-development activities and hence, many students are placed in esteemed multinational companies like TCS, Infosys, Capgemini, RSL etc. The highest package earned by E&TC Student in last year was 7 Lakh PA for TCS. The Department, Faculty

and Students are coherently working together for the benefit of society, mankind, institution and self-development.

Qualification	Ph D Completed: 5	Ph D Pursuing:	8	M.E./M. Tech.: 4	
1	1		l =		
	Solid State Devices Lab.		Communication System Lab.		
Laboratories in	Project Lab.		RF and Microwave Lab.		
the	Digital Electronics Lab.		Line	ear IC Lab.	
Department	VLSI and Embedded Systems Lab.		Ciarral Duranasiran Lab		
	Audio Video and Me	chatronics Lab	Signal Processing Lab.		





Linear IC Lab. (E and Tc. Engg. Dept.)

Faculty

Signal Processing Lab. (E and Tc. Engg. Dept.)

Artificial Intelligence and Data Science



Mr. Dinesh Zende

Artificial intelligence is impacting virtually every industry and applications of human beings. From your smart phones to driverless cars and computer games to space missions, everywhere you find the application and integration of artificial intelligence. Artificial intelligence has boosted the other technologies such as big data analysis, Internet of Things (IoT) and robotics and it will be the technology that will make

of Things (IoT) and robotics and it will be the technology that will make our lives easier.

Almost all industries are now opting and investing large amounts of funds for the research, application and integrations of artificial intelligence in their products. There is a good demand in the market for the skillful engineers with the knowledge and experience of Artificial Intelligence and Machine Learning. Keeping in mind the need of the industry and the future of the technology, AICTE has initiated an undergraduate program in Artificial Intelligence and Data Science.

VPKBIET Baramati has started the undergraduate program of intake 60 in "Artificial Intelligence and Data Science" affiliated to Savitribai Phule Pune University, Pune. This course will give the students the right insight about the technologies like artificial intelligence, machine learning, data science and advanced topics like deep learning, natural language processing and big data analytics.

We will have a project-based learning approach to make students aware about the technology and product development processes. The blended learning model with MOOCs and other online learning tools will make the students resourceful.

Students will pursue their career in the industry as a machine learning engineer, data scientist, data analysts and software engineer. Students can also be an entrepreneur and start their own start-ups for artificial intelligence and machine learning applications. We are confident that with our variety of learning pedagogy, we will produce engineers with the right knowledge and right skill sets required for the industry.

Faculty Oualification Ph D Comple	eted: Ph D Pursuing:	3	M.E./M. Tech.: 1
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	Data Science Lab	Machine Learning Lab
Laboratories	Artificial Intelligence	
in the	Lab	Project Lab.
Department		
	Computer Vision Lab	Data Analytics Lab





Data Science Lab.

Artificial Intelligence Lab.

Workshop

The workshop is equipped with the best machinery and set-ups in Pattern Shop, Smithy, Welding, Fitting, Plumbing, Plastic Moulding, Machine Shop, etc. The Workshop team 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 manufacturing 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 in Baramati.



Fluid Mechanics Lab. in Workshop



Lathe Machine Shop

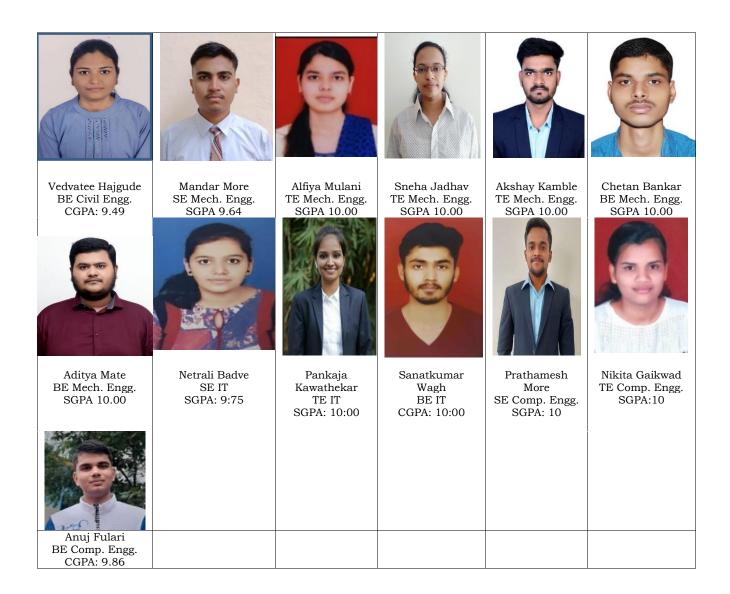
PROMINENT ACHIEVEMENTS

- NAAC A Grade Accreditation
- 1315 Students placed in various multinational companies in last 4 years.
- NPTEL Local Chapter secured 2nd Rank in Maharashtra and 56th Rank in India with 89 Toppers and Gold Certificates in NPTEL Examinations and 3 times in Top 100 Rank in India.
- MoUs / Activities with Tech. giants like Capgemini, Bharat Forge, AWS, Salesforce, Autodesk and Palo Alto, Microsoft, etc. (with support from ICT Academy)
- The Institute is a part of 50+ AWS Educate Cloud Ambassadors in India and 400 Globally.
- Faculty and students published more than 541 papers and 17 books.
- Received incubation from CoEP's Bhau Institute.
- The Institute received Permanent Affiliation with SPPU, Pune.
- 754 internships completed by students in various fields in last two years.
- Achievement of securing Second Podium Rank in the Ironman Triathlon Series in Kazakhstan-Mr. Om Savale
- 10th position in 'Red Hat-IT Aptitude Test India 2021'-Ms. Pooja Chavan
- Participation in National Republic Day Parade: Ms. Rajashri Mane-2020-2021 and National Integration Camp: Ms. Prachi Joshi-2021-2022
- 60 Faculty received training as Mentors for Entrepreneurship activities.

- Two teams of students got selected for SIH-2022 Final Round.
- 21 patents have been filed and published by faculty and students and they have also registered for their start-ups.
- Special Story by Mathworks, USA for excellent use of MATLAB software and training
- We received funding from NIDHI PRAYAS and NIDHI-EIR for two projects.

INSTITUTE TOPPERS IN UNIVERSITY EXAMINATIONS





ACHIEVEMENTS IN HACKATHON, PROJECT COMPETITIONS AND PROMINENT EVENTS

The Institute established the Smart Innovation Centre. It was inaugurated by Hon. Mrs. Sunetra Pawar along with trustees of Vidya Pratishthan Baramati including Hon. Shri. Dattatray Unde, Hon. Shri. Shrikant Sikachi, Hon. Adv. Neelima Gujar, Hon. Shri. Rajiv Shah and Registrar Shri. Shrish Kamboj on 18 February 2020. Faculty of Electronics and Telecommunication Engineering Department: Dr. Sudhir Lande, Dr. Vinay Nagalkar, Mrs. Jyoti Rangole and Mr.

Balasaheb Patil filed 12 patents along with 15 students in the Department. The Department has a credit of filing 8 patents in one day. Hon. Sunetra Pawar appreciated their efforts and achievements students and faculty during the program.





Hon. Sunetra Pawar, Trustees, Principal, Vice-Principal, Faculty and Students during the Program

Dr. Vinay Nagalkar received Young Scientist Award' from VDGOOD Professional Association. He also received the Best Mentor Certificate from MHRD for the exceptional contribution given in Smart India Hackathon 2019. He also won the First Prize for the Best Research at AVISHKAR-2020 Research Convention organised at S.G.B.A. University Amravati under Medicine and Pharmacy Research category. He was felicitated by Hon. Dr. Vijay Bhatkar for being the best research scholar in the Amravati University.



Dr. Vijay Bhatkar felicitates Dr. Vinay Nagalkar during the Program

Students from **Electronics** and **Telecommunication** Engineering **Department** participated in an Innovation Competition organised by NEC AND MSINS. 'Innovation Challenge' was a joint initiative to promote Start-Up and Innovation Ecosystem organised by NEC Sahastrarashmi at Ambad in Nasik. NEC called the ideas from all over Maharashtra through online application process out of which 50 most potential projects were selected for final idea pitching. 8 projects from students of E and TC Department were filed out of which 2 projects were selected in the top 50 and were called at NEC Center Nashik. Two teams pitched their idea in front of the different panels in the first round from which one team was selected among the top 10 teams from 50 teams. The second round was conducted in front of a panel of more than 10 judges which included CEOs of renowned companies. The team of students: Shivpriya Yadav, Payal Yadav, Swanand Khaladkar and Vaijnath Khomane won the 3rd Prize at Nashik Engineering Cluster Innovation Challenge 2019 and got seed funding for the patented project. Dr. Sudhir Lande and Dr. Vinay Nagalkar guided the teams for the projects.



Students and Faculty receiving the Prize at Innovation Challenge

Atal Incubation Center-ADT in Baramati organised Navonmesh 2020. Two groups of students from our Institute presented their projects. These projects include 'Multipurpose Egg Hatching Machine' and 'Automatic Sugarcane Bud Detection and Cutting System'. These students were Paigambar Shaikh, Aishwarya Fulari and Anuj Fulari. The project 'Sugarcane Bud Detection and Cutting Machine' won the 2nd Prize at Navonmesh 2020. Faculty from E and TC Engineering Department: Dr. Vinay Nagalkar and Mrs. Jyoti Rangole guided these students.



Students and Faculty receiving the Award during the Competition

Students from Computer Engineering and E and TC Engineering Departments and faculty Mrs. Jyoti Rangole presented agriculture products in the National Exhibition 'Krushi 2020 at Shardanagar in Baramati. They explained the importance of their projects to Hon. Chief Minister Mr. Uddhav Thakare and Hon. Dep. Chief Minister Mr. Ajitdata Pawar of Maharashtra state during Krushik 2020.





Hon. Uddhav Thakare, Hon. Ajitdata Pawar, Agri. Minister Mr. Dada Bhuse, Mr. Raju Shetti

Department of Mechanical Engineering organised a Technical Event 'ELYSIUM 2K19'. It is an Annual Technical event in which students from other Engineering colleges and other disciplines and also other Departments of our Institute participate in technical events like: code war, project competitions, group discussion, debate, extempore etc. Dr. Nishikant Deshpande, Ex. Director of NIT Silchar, Assam graced the technical event on 13 September 2019 with his august presence and guided the students during the program. Mr. Kishor Bhapkar, an Excecutive Vice-President, ISMT, Baramati also visited the Institute on 14 September 2019 and guided the students about various manufacturing processes and entrepreneurship development.





Hon. Principal, Dr. R S Bichkar felicitated Dr. Nishikant Deshpande and Mr. Kishor Bhapkar

Department of Mechanical Engineering organised a Two-Day short-term Training Program on 'Importance of IPR in Research and Entrepreneurship' on 27 and 28 February 2020. The purpose of the program was to make second year students aware about the IPR process. The rationale for this IPR lies in the need to create awareness about the importance of IPRs as a marketable financial asset and economic tool among the researchers, faculty and students of the College. Students from all the Departments, along with faculty members received training. Ms. Kalyani Ahir from Pixelstat e-Solution Development Pvt. Ltd, Pune was the resource person. She highlighted various aspects of IPR including importance of IPRs and their protection, patenting procedures and patent informatics, patent searches, role of innovation and invention in the academia-industry collaborations, trademark and copyright protection and also the requirements for a researcher in the context of publishing and patenting. Dr. Sachin Bhosle coordinated the training program.



Dr. Sachin Bhosle during discussion with students



Students during the Training Program on IPR

Our Institute organised an Industry-Institute Interaction Summit in association with Baramati Industrial Manufacturers Association (BIMA) on 7 February 2020 at our campus. The program included exhibition of new innovative ideas from students who participated in Smart India Hackathon and innovative final year projects. 30 groups of students participated in this

industry summit and displayed their innovative projects. All the students from our institute visited the exhibition. Mr. Dhananjay Jamdar, President of BIMA, Mr. Sushant Pustake (President, Bharat Forge Ltd.) and Mr. S B Patil (Head-HR, IR, and Admin., Bharat Forge Ltd., MIDC Baramati) were present as Chief Guests. The objective of the summit was to establish a continuous interaction between our Institute and industries. The program helped the institute to plan various Industry-Institute Interaction activities.



Hon. Trustees of Vidya Pratishthan, Industry Executives, Hon. Principal and Faculty during the Industry-Institute Interaction Summit

Ms. Sarika Darade, a third year student from Electrical Engineering Department along with her family cycled 4080 kms. from Jammu and Kashmir to Kanyakumari. Their achievement has been recorded in Limca Book of World Record for Cycling. They decided to complete the venture on the occasion of birthday of Hon. Shri Sharadchandraji Pawar, with noble message of 'Beti Bachao Beti Padhao' and 'National Unity'. They travelled through 8 states of India viz. Jammu and Kashmir, Panjab, Hariyana, Rajasthan, Gujrat, Maharashtra, Karnataka and Tamilnadu.

Her sister, parents and four other people participated in this journey. They cycled around 150 km. during the day and stayed overnight. They had memorable experiences throughout the journey.



Ms. Sarika Jadhav during the Journey



Ms. Sarika Jadhav, her family and other participants

TRAINING AND PLACEMENT CELL

Training and Placement Cell regularly organizes training programs for enhancement of the right attributes among students to increase their employability. Mr. Vishal Kore coordinates these activities through the Centre for Employability Skills Development. It conducts various activities to attract excellent opportunities for students and also to strengthen the Institute Industry tie-ups.

- 1. 1315 jobs offered through on and off campus drives in reputed multinational companies in last 4 years.
- 2. 60+ companies are providing job opportunities to students every year.
- 3. Highest Salary Package received by students: 10 LPA
- 4. Extensive efforts and free training programs by industry experts like Zensar ESD, GTT Barclays for Aptitude, Technical Skills and Personality Enhancement of students.

- 5. The institute has tie-ups with AMCAT, Cocubes and First Naukri.com for students' assessment.
- 6. Collaboration with IBM Skill Builds, Capgemini, Symbiosis Skill and Professional University, Infosys Springboard and RPG Foundation for the skill development of students.

HIGHEST SALARY PACHAGES RECEIVED





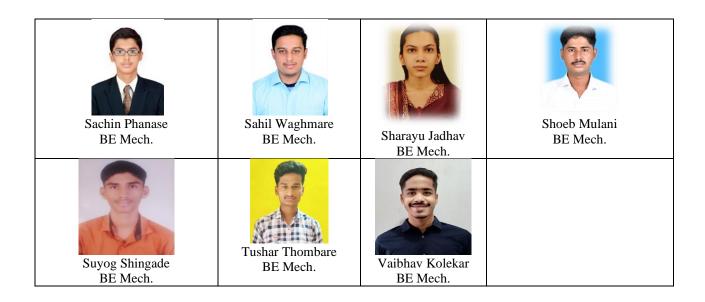


Students Placed in Cognizant

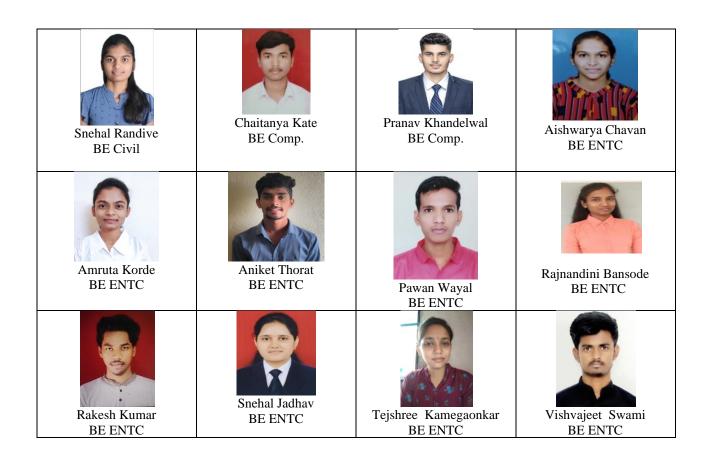








Students Placed in Infosys





Students Placed in Persistent



Students Placed in TCS





Udaypratapsingh Jare BE IT



Abhinav More BE Mech.



Akshay Kamble BE Mech.



Alfiya Mulani BE Mech.

Students Placed in Wipro





LIBRARY

Prominent Features of Library

- Digital Library with e-Journals: IEEE, Springer, ASCE
- Institutional Membership of DELNET, National Digital Library (NDL) of India and e-ShodhSindhu (N-LIST)
- NPTEL Learning Resources
- Spacious Reading Hall
- Book Bank Facility along with daily circulation

More than 31000 books are available in VPKBIET Central Library. To keep users updated about current trends and development in the area of their interest, Library has subscribed total 82 printed journals. It has subscribed 419 Digital Journals with back files from all Departments. Online access to journals is given in campus. Library has good collection of NPTEL video lectures of Experts from IITs and NITs.

Services Offered by Library

- 1. Open access to collection of books is provided to students.
- 2. Fully-automated circulation of books to get books issued and returned from students.
- 3. Internet Facility is provided separately with fourteen access points exclusively for students.
- 4. Reprographic (photocopy, printing and scanning) service is provided in the Library.
- 5. Newspapers Reading Section is made available in Reading Hall.
- 6. Online book search, renewal of issued books and title reservation of Library through OPAC
- 7. Hard copies of University Syllabus and previous Question Papers are made available to use as reference material.



Book Section



Journal Section



Digital Library



Reading Hall

NATIONAL SERVICE SCHEME

National Service Scheme unit of Vidya Pratishthan's KBIET organises various activities throughout the year. Some of these programs included SVEEP-Voters' Awareness Program, Mahashramadan at Anjangaon, International Yoga Day, Mega Drive for Guinness World Record at SPPU, Nirmal Vari Abhiyan at Baramati, Anti-Tobacco Campaign, Fit-India Movement, Teacher's Day, Tree Plantation at Katphal, Young Inspirators Network, Visit to Savali Orphanage, Mahatma Gandhi Jayanti, Plastic-Free Campus, National Unity Day, Constitution Day and other such extra-curricular and social activities for the overall development of students.

A Seven-Day residential special NSS Camp was organised during 17-23 December 2019 at Lakadi in Indapur. The activities organised during the camp included Village Cleanliness, Tree Plantation, awareness about Literacy, Health and Hygiene, Blood Donation Camp, Construction of CCT and repairs, communal harmony, village survey and street plays.





Hon. Dignitaries and Teachers during the NSS Special Camp Inauguration

Students during Pranayam Session



Teachers and Students during Plastic-Free Campus Campaign

EARN AND LEARN SCHEME PROVIDED TO STUDENTS

The Institute provides **'Earn and Learn Scheme'** for financially weaker students. These students benefitted a lot from the Scheme and it has helped them concentrate on their studies without worrying about their daily expenses.

STUDENTS RECEIVED SCHOLARSHIPS

A scholarship is an award of financial aid to a student from a financially weaker section. Scholarships are awarded based upon various criteria which usually reflect the values and purpose of the donor or founder of the award. Following students received Cummins and Leela Poonawalla scholarships.

Cummins Scholarships

Sr. No.	Students Name	Class	Amount Received	Photograph
1	Bhosale Abhishek Somnath	FE	95,000/-	
2	Jagdale Gayatri Rajendra	FE	54,800/-	

3	Jarad Omkar Balaso	TE IT	57,318/-	
4	Jagadale Chetna Sunil	SE IT	53,218/-	
5	Patil Tushar Sampat	SE ENTC	60,218/-	SUCCESTS INSCREEN
6	Nimbalkar Shivanjali Vijay	SE AIDS	50,218/-	

LIC Golden Jubilee Scholarship

Sr. No.	Students Name	Class	Amount Received	Photograph
01	Ishwari Rajendra Gund.	Computer Engineering FE	20,000/-	

Lila Poonawalla Scholarship

Sr. No.	Students Name	Contact Details	Branch	Amount Received	Photograph
1	Chavan Vaishnavi Vilas	FE	Artificial Intelligence & Data Science	45000/-	
2	Chavir Shravani Hemant	FE	Artificial Intelligence & Data Science	45000/-	
			Electronics &		

3	Divekar Vaishnavi Sahebrao	FE	Telecomm. Engineering	30,000/-	
4	Gawali Sweta Jyotiram	FE	Information Technology	45000/-	
5	Ghadge Rutuja Rajendra	FE	Electronics & Telecomm. Engineering	45,000/-	

AICTE SPONSORED PRERANA CENTER FOR SC/ST STUDENTS

Prerana Centre has been established at our Institute. The objective of the center is to encourage and facilitate SC and ST students aspiring for higher education through admission tests like GATE, GPAT, CAT, CMAT, TOEFL, IELTS and GRE. Students receive financial support and are facilitated to write examinations pertaining to higher education at institutes of high reputation. Sponsoring students' examination fees and also providing training in related areas will be the prime activities.

ANTI-RAGGING CELL

The friendly environment is maintained among students in the premises of the Institute. Hostel monitoring committee looks after solving students' problems during their stay in the hostels. Active anti-ragging committee and student friendly anti-ragging squads monitor the students' behavior and counsel them to create cordial and pleasant environment in the campus. The ragging is strictly prohibited in campus and punishable offence under the acts of Maharashtra Prohibition of Ragging act 1999 and AICTE anti-ragging regulations act 1987.

OUR DISTINGUISHED ALUMNI

My four years at VPKBIET had been excellent and a memory to cherish for a lifetime. The years spent were full of learning opportunities and fun. The lush green campus with wonderful infrastructure of the Institute amplifies our focus in the learning. Kind but disciplined faculty can create the enthusiasm for learning without feeling homesick. I got placed during campus recruitment at Persistent Systems and I started my corporate career at a

multinational service-based organisation. Hopping from service-based companies to product based startups, my journey involves companies like Persistent, GSLab, Merkel Sokrati and Alef Mobitech. At every level, strong roots and concrete basics from my Institute has helped me to grow from Software Developer to Technical Manager. If given a chance, I would definitely trade anything to relive the life @ VPCOE again.

Mr. Bhushan Vaidya

Technical Manager Alefedge Private Limited, Pune (BE Com. 2005 Batch)



My College days are unforgettable and in fact those days are the happiest and fruitful days in my life. I proudly feel that cherished every moment of my college. Being a 'VPKBIETIAN' makes me feel proud. My experience in at the college was just amazing. I got infinite love and lessons from my teachers which made me 'Work

Hard' for the way to success. I just want to thank the wonderful faculty of VPKBIET.

Ms. Amruta Pawar

Team Leader, Sr. Design Engineer S-FORM INDIA PVT. LTD, Pune (BE CIVIL 2015 Batch)



VPKBIET has very reasonable fee structure which would be better for any student from rural background. The Campus is really suitable for technical education with all the facilities. Hostel also provide really good environment for study.

After completing engineering from VPCOE in 2013 I started small start-up for website and software development. I got selected as an

Assistant Section Officer in Mantralaya Government of Maharashtra in 2017. Presently I am working with Nashik Zilla Parishad as a Block Development Officer (BDO).

Mr. Uddhav Holkar

(BDO)

Nashik Zilla Parishad (BE Comp. 2013 Batch)

The decision of taking admission at VPKBIET was the best decision of my life. I come from a financially weak family and my mother used to support me. The college has excellent infrastructure and it has the motto to provide best education at an affordable cost. The Best things about the college are that the teachers are extremely cooperative and

the place has a nurturing environment. They provide guidance beyond syllabus. I got placed in Persistent Systems during my 3rd year of Engineering.

Mr. Revan Wabale

Solution Architect for Japanese Companies like LIXIL, SONY, SOFTBANK and NISSAN (BE 2012 Batch)



Firstly, Vidya Pratishthan's KBIET, Baramati is not a college, it is a Brand. It is unique in its field. Discipline is like in the air of its environment. I am extremely lucky to be a part of this college. There are so many opportunities to develop one's personality in any field like cultural, literature and many more. It was very precious and golden phase of my life. The entire faculty and other members of this

Institution are very cooperative. I got a lot of love and support from my teachers and colleague.

Mr. Jotiram Kesare

Global Senior Engineer Whirlpool India Pune, Maharashtra (BE E and TC 2008 Batch) The days I spent at Vidya Pratishthan's KBIET, Baramati were excellent days in my life. Academic life at this College had been filled with learning and as well as challenging. The college has tie up with IITs so we had frequent Video Conference sessions with IIT experts and scientists as well. The faculty is very cooperative, friendly and are very good mentors. They are sperts in their respective subjects. I had a research component in my final contractional finally. I published my research paper in International Journal

experts in their respective subjects. I had a research component in my final year project and finally I published my research paper in International Journal and it made me feel extremely proud.

The laboratories, equipment and software are very well managed and are always kept up-to-date. The laboratory assistants are also very supportive and help students to understand the various usage of equipment. Apart from academics, college gathering is a wonderful occasion which provides stage to for students to showcase their hidden potential. I am proud to be VPKBIETian and this college is one of the best that provides quality education.

Mr. Saurabh Majgaonkar Technology Analyst at INFOSYS (BE E and TC 2013 Batch)

College life was the best journey of my life. Whenever I remember my college, I feel proud to be VPKBIETian. This college is one of the best that provides quality education. I must say that it provides the best learning experience and exposure. The faculty is just amazing and they stand by you from the first day to the last day. Apart from the curriculum, there are a lot of clubs for students. The best part of college is that they give you

internships and placements in best reputed organizations. During the most crucial time of placements, the faculty and placement team provides students with lot of preparatory sessions so that they come up with their best. I feel VPKBIET, Baramati is the wholesome basket for one who is looking to pursue Bachelors in Engineering and I will definitely cherish these moments forever.

Mr. Santosh Khadilkar Cloud Architect IBM India Pvt. Ltd. Pune, Maharashtra (BE Comp. 2008 Batch)



My alma mater VPKBIET is an institute inspired by a motto of affordable and quality education. It has excellent campus facilities, highly qualified and experienced faculty, state of art laboratories and enriching environment for cultural and sports activities. This abode of technology helps to transform its students into eternal learner with versatile personality. It feels immense proud to be a part of such

Institute with modern technological and social vision towards the nation's development.

Mr. Mukul Vitekar Section Officer (B.E. Mech. 2017 Batch)

I am proud alumni of VPKBIET, the place which shaped me and lighted the house for future. The time invested at the Institute was truly enriching and important in transforming me from engineering aspirant to good Engineer. The World-Class infrastructure, lush green campus, well-equipped laboratories and Library and most importantly knowledgeable and supportive faculty members and the Institute has everything one needs to become a successful professional with social responsibility.

Mr. Ganesh BhanawaseDeputy Tehsil Officer
(ME Design 2018 Batch)



My experience with VPKBIET was extremely wonderful. It provided me the practical knowledge in the subjects and it helped me a lot in the Industry. VPKBIET has excellent faculty and campus. Studying there after working for some time helped improve my capability and skills. It certainly helps you expand your knowledge horizon and I would

always be grateful to VPKBIET for giving me a multi-dimensional learning and providing the appropriate mixture of academics, industry exposure, attitude and leadership.

Mr. Sourabh Bothra Entrepreneur Ameya Solar Industries (BE-Elec. 2015 Batch)



It was a great experience at VPKBIET. The kind of lively infrastructure, exposure, learning opportunities that this Institute has provided, being in a small town, is just commendable. The Institute gave me the treasure of friends and cherishable memories

that will last forever. The faculty and staff did whatever they could in their capacity to mould the students. The culture of 'Library' is the best thing I found there. The Institute has lion's share in my success.

Mr. Avinash Shinde
IAS Officer
226 rank in UPSC
(BE Mech.2010 Batch)



"I have always regarded myself as a lucky student to have had the opportunity to complete almost entire schooling and college at Vidyanagari . Apart from the world-class infrastructure, one of the finest libraries and the beautiful campus; what makes VPKBIET standout is it's teaching and nonteaching staff who are always there to help and mentor you.

VPKBIET aims and works at bringing out the best in you and shape you, not just to be prepared for the corporate but also to help you excel in all the spheres of life. I am glad I could be a part of this wonderful organization. "

Ms. Ashwathi Nair

System Engineer
Infosys Limited
(BE E and TC Engg. 2018 Batch)



The aim of the college, for the individual student, is to eliminate the need in his life for the college; the task is to help him become a self-educating man.' That is brilliantly done by VPKBIET, Baramati. It makes you strong, aware, and competitive in the field of technology and a person as a whole. I was fortunate enough to become a part of

the VPKBIET Family. For 4 years, I learned not only just how to deal with programming, but also how life should be lead for the betterment of our society and nation. From our mamas, the canteen serving boys, our hostel wardens, our staff, our motivating Teachers, guiding HODs, vision-oriented Principal sir, they all work tirelessly and dedicatedly to nurture you in an environment of nature and building technologies. I will be cherishing these 4 years for life and can definitely say, whatever, I am today, is all because of VPKBIET.

Mr. Abhishek Mankar
Engineer
upGrad
(BE IT 2020 Batch)



Finding the right path to success at the right time is really very important and for that way, I had selected VPKBIET. The friendly environment, the systematic approach towards imparting education at VPKBIET made me competent individual. The wide range of activities-

both curricular and co-curricular along with the support from VPKBIET is really very helpful for my future. The faculty are really very kind and approachable when any need arises. In VPKBIET, we are trained for our placements and because of that I got placed in one of the reputed MNCs. I feel so proud that I am alumni of VPKBIET.

Ms. Sayali Nipanikar System Engineer at TCS (BE IT 2020 Batch)



I am thankful to entire VPKBIET faculty for teaching us technical strategies and concepts in theory and in absoluteness. All of them made a point that each of us surely learns to use our skills in reality. VPKBIET is the right place where the students are served with the perfect intellectual diet which is sufficient for them to be healthy - wealthy and make a bright future ahead...I am very

thankful to my teachers for their guidance, support and the immense knowledge that they shared with me over the course of 4 years.

Mr. Rohan Taware
Entrepreneur
Home Sewa
(BE-Elec. 2014)



VIDYA PRATISHTHAN'S

EXECUTIVE COMMITTEE

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Vidya Pratishthan's

Kamalnayan Bajaj Institute of Engineering & Technology, Baramati (Formerly Vidya Pratishthan's College of Engineering, Baramati)

NAAC 'A' GRADE

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