



Vision Mission of Institute



Since : 1983

Rayat Shikshan Sanstha's

**Karmaveer Bhaurao Patil
College of Engineering, Satara**



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Our Inspiration
Founder of Rayat Shikshan Sanstha, Satara



Rayat Mauli



Padmabhushan Dr. Karmaveer Bhaurao Patil



Sou. Laxmibai Bhaurao Patil

President

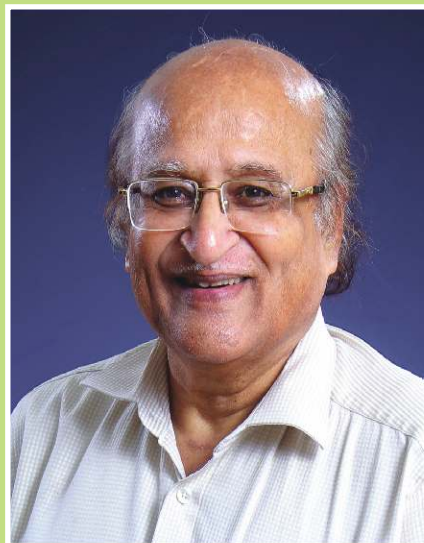
Rayat Shikshan Sanstha, Satara



Hon'ble Sharadchandraji Pawar

Chairman

Rayat Shikshan Sanstha, Satara



Hon'ble Dr. Anil Patil

Chairman

BOG
KBP College of Engineering Satara



Hon'ble Dilip Walse Patil



Rayat Shikshan Sanstha, Satara

The Rayat Shikshan Sanstha was established by **Late Padmabhushan Dr. Karmaveer Bhaurao Patil** in 1919, is one of the leading educational organization in South Asia. The value of its contribution to education in general is enormously great, as it has from the very beginning tried all its best to lay emphasis on the education of the downtrodden, the poor and ignorant that really forms the majors bulk of our society. Late Dr. Karmaveer Bhaurao Patil was Man of Masses who devoted all his mind and heart for the cause of their education. He had incisive understanding of the social ills that beset has times and had fully realized the dire need of the spread of education. He believed that education alone could eradicate illiteracy, untouchability, caste-hierarchy, money lending, superstitions, social and economic inequality. So he started the “Earn and Learn” scheme which has been recognized as an unique tool for mass education.

The Rayat Shikshan Sanstha has a record history of establishing Six Hundred Seventy Two (672) educational institutions imparting education from the pre-primary level to the post graduates stage in different disciplines. These educational institutes which have acclaimed academic excellence to cater the educational needs of thousands of students coming from different parts of the country.

The spectacular success achieved by Rayat Shikshan Sanstha is mainly the result of extraordinary foresight, exceptionally dynamic leadership and able guidance of the founder Dr. Karmaveer Bhaurao Patil. The Govt. of India honored him with “Padmabhushan” and University of Poona conferred on him D.Litt. for his contribution to the society.





Hon'ble Dilip Walse Patil
Chairman, BOG
KBP College of Engineering Satara



Hon'ble Prin. Dr. V. S. Shivankar
Secretary, Rayat Shikshan Sanstha, Satara
Member : BOG



Hon'ble P. G. Pawar
Member : BOG



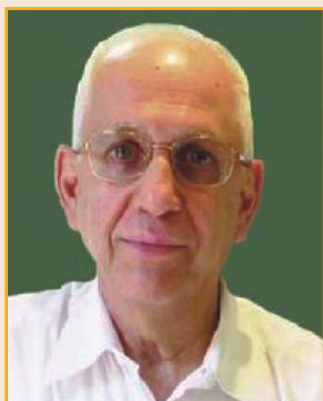
Hon'ble Dr. N. B. Pasalkar
Member : BOG



Hon'ble Dr. D. V. Jadhav
Member : BOG



Hon'ble Dr. S. L. Nalbarvar
Member : BOG



Hon'ble Farrokh Cooper
Member : BOG



Hon'ble U. V. Jadhav
Member : BOG



Hon'ble M. B. Kumthekar
Member : BOG



Hon'ble Dr. H. A. Mandave
Member : BOG



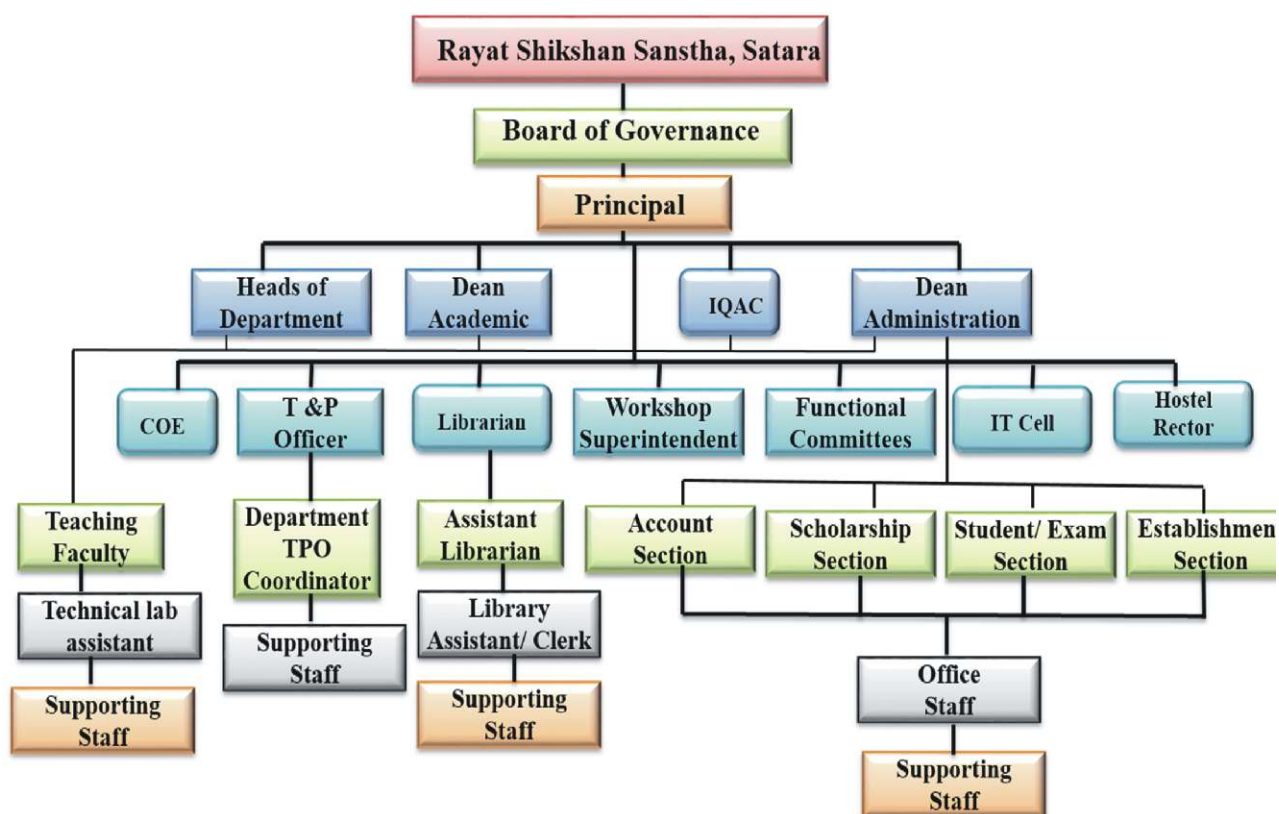
Hon'ble Dr. S. V. Mane
Member : BOG



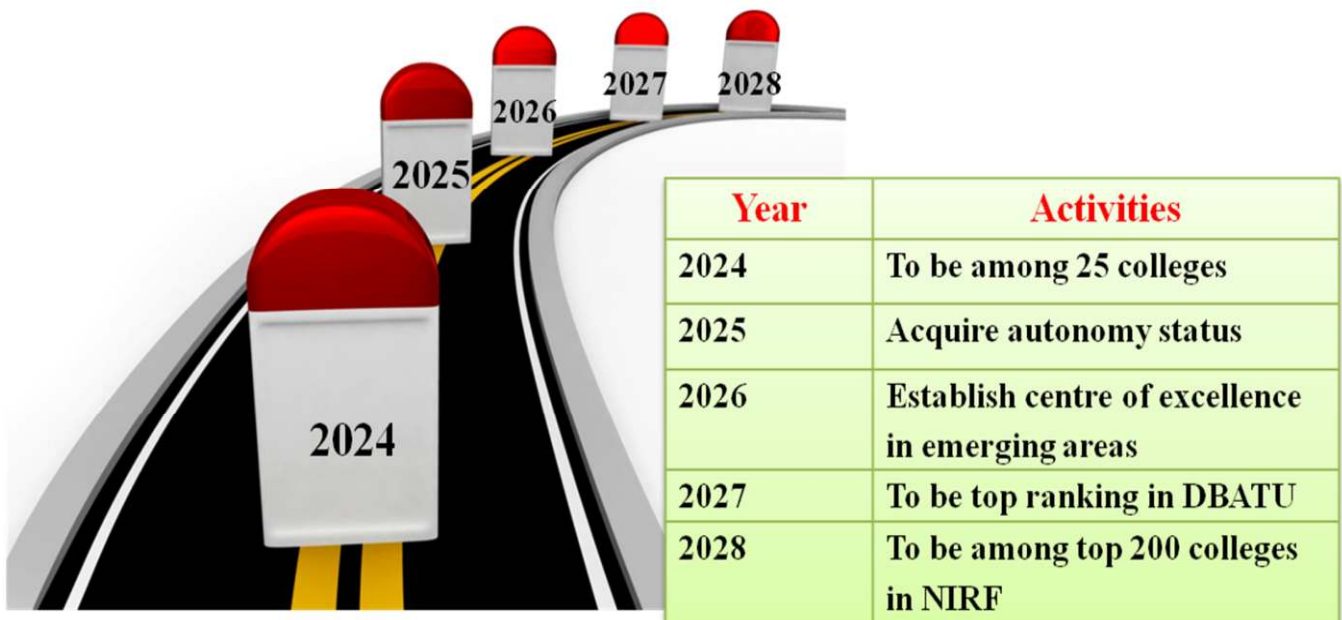
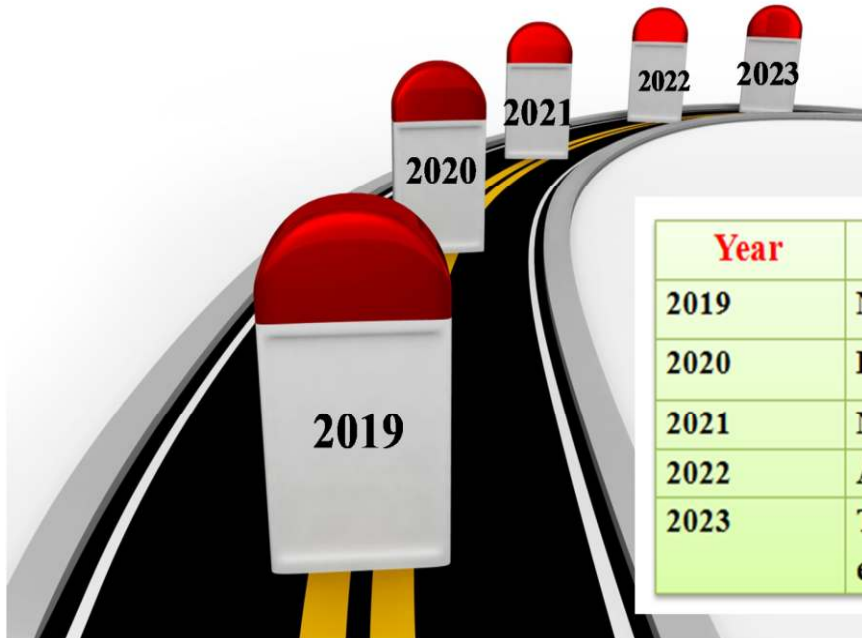
Hon'ble Prin. Dr. A. C. Attar
Member Secretary : BOG

Board of Governance

❖ Institute Organization Structure



❖ Institute Road Map



❖ Preamble

With the rapidly changing needs of society and the nation, the main focus of technical education has been shifted to innovations, research and development. Major changes in the curriculum and strategies of teaching are required to meet the fast developing industrial sectors. There is stiff competition at all levels due to globalization and the output in the form of graduates is required to match the global expectations. The institute is trying to cope up with these changes and trying its level best to take strategic steps in this regard.

❖ Institute at a glance

Karmaveer Bhaurao Patil College of Engineering was established by the Rayat Shikshan Sanstha's, Satara in the year 1983. Institute is designated to serve as a center for academic excellence in imparting engineering education with the aim of quality technical education to create globally competent technocrats to serve the society .The institution is approved by AICTE, New Delhi and is affiliated to Dr. Babasaheb Ambedkar Technological University, Lonere. It has its own campus, spread at the prime location of Satara city. The institute is presently offering four year under graduate programmes in four engineering disciplines and two year post graduate Programmes in two engineering disciplines. This institute is striving to impart top class technical education to the students, most of which are life skills from semi-urban and rural areas, to groom them into skilled technocrats, replete with ethical values and discipline by conducting students centric activities. The institute also inculcates a strong awareness towards social responsibility and strives to create an intellectually stimulating environment that fosters creativity, innovation, research and professional activities.

The service conditions of the institute are aimed to encourage the employees to take sincere interest and pride in the institute and its progress and put their best talents in the discharge of their responsibilities.

❖ Courses Offered:

This institute offer four under graduate and two post graduate level AICTE approved programmes,

Sr. No.	UG Programme	Intake
1	B.Tech.(Civil engineering)	60
2	B.Tech.(Mechanical engineering)	60
3	B.Tech.(Electronics & Telecommunication engineering)	60
4	B.Tech (Computer science and engineering)	120

Sr. No.	UG Programme	Intake
1	M.Tech.(Electronics engineering)	18
2	M.Tech.(Mechanical and production engineering)	09

❖ SWOT Analysis

The institute has carried out SWOT analysis scientifically, with active participation of the stakeholders namely student, staff, industry and society

❖ Strengths of Institute

1. Esteemed and visionary management to take the institution to high level of quality.
2. Good relation among Management, Principal and Staff
3. Transparent Governance and Administration.
4. Highly qualified, committed, experienced faculty
5. Faculty with higher qualifications and focused towards teaching –learning and research activities
6. PG programmes and Research programmes in Electronics Engineering and Mechanical Engineering departments.
7. Good infrastructure with ICT enabled classrooms, seminar halls, auditorium, modern laboratories with latest equipments, etc.
8. Campus placements available.
9. Rich central library, E-library and departmental libraries.

❖ Weakness

1. Location disadvantage for better Institution- Industry interaction
2. Industrial consultancy & applied research.
3. Formal Networking with other institutions.
4. Lack of Automation and implementation of ERP
5. Strengthening of professional bodies
6. Weak involvement of industry
7. Vacancy of key posts in office administration since long.

❖ Opportunities

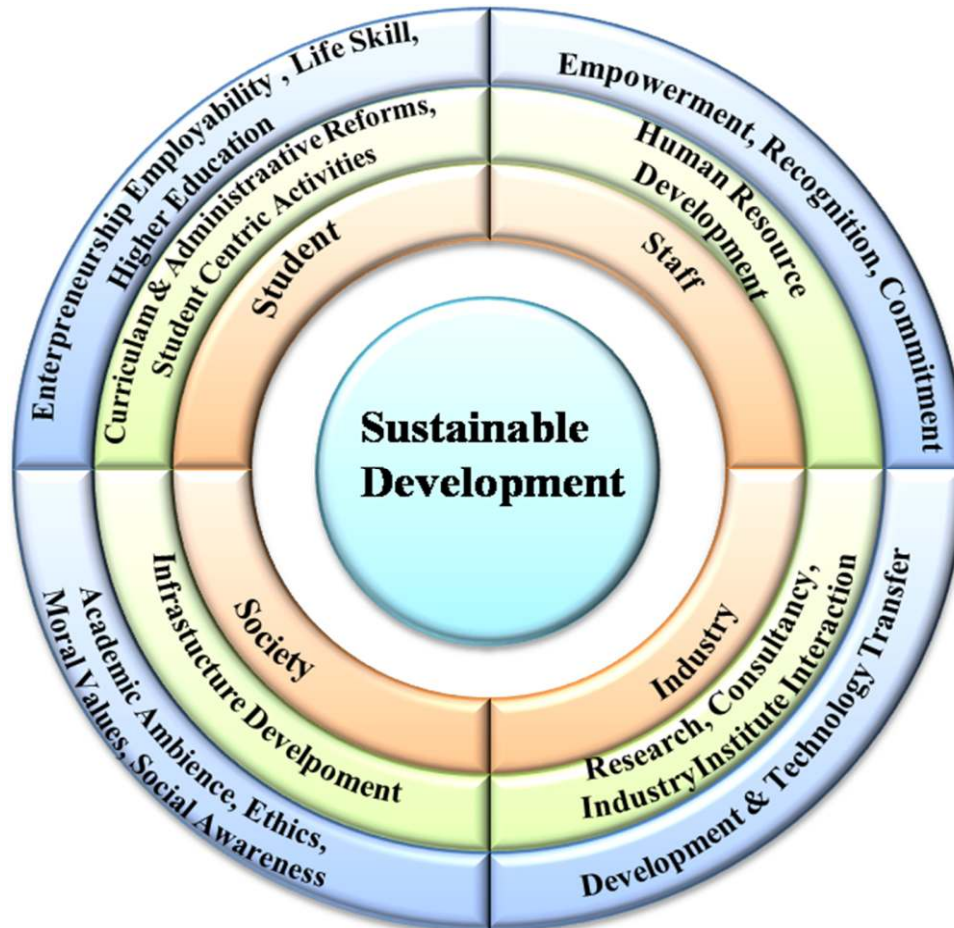
1. Starting new cutting edge post graduate programs and development of industry sponsored laboratories
2. Enhance research activities through sponsored R&D projects.
3. Establishing the center of excellence in emerging areas.
4. Networking with premier institutes & Industry for advanced, applied research and enhance academic interaction through MOUs.
5. HR development for new PG & Research programs
6. Alumni Networking for Academic and placement activities.

❖ Threats

1. Attrition of faculty due to retirements
2. Competition from other emerging institutes.
3. Possibility of declining quality of students because of extremely large number of institutes are being setup
4. Attraction of Pune based institutes and environment in to aspirant students.
5. Reduced job / entrepreneur opportunities due to industry rescission, industry automation, national and international policies.

❖ Vision of the institute

“To be a premier institute enhancing the young minds into globally competent manpower.” The strategic action plan for the sustained development, depicted below, outlines a road map for the realizing vision. The stake holders, viz, the students, Staff, industry and society.



The strategic plan designed by the institute is based on four pillars of institutional development

- Academic and Administrative reforms
- Human resource development
- Infrastructure Development
- Resource Mobilization and research & consultancy

The stake holders are committed to successfully implementing this plan overcoming the challenges that come in the way.

❖ **Key Challenges**

To realize the fulfillment of its vision, an institution has to overcome few challenges which are inevitable in its formative phase.

1. Attracting the eminent, qualified & experienced Faculty.
2. Enhance research activities and research patents.
3. Networking with industry through sponsored projects / industry projects.
4. Building connect with professional bodies and related activities
5. Buildings connect with Alumni and Industry.
6. Attracting the meritorious students from other states.
7. Improvement in campus placement.
8. Administrative office, Vacancy in administrative posts and staff, staff retirement

Rayat Shikshan Sanstha will provide leverage to implement necessary changes in policies and procedures to find solutions to the challenges. By overcoming the challenges, the institution will develop and establish itself as one of the leading institutions imparting excellent technical education. The institute will also be carrying out research and development in thrust areas and further contributing to the needs of the industry and society. The students graduating will be industry ready with perpetual learning abilities and adaptability towards the needs of the industry.

The overall development is focused on long lasting benefit to all its stake holders. The strategic plan emphasizes on “Sustained Development” of the reforms introduced for the overall improvement in quality of technical education. Well defined action plan is laid out to achieve the general and specific objective through the specific approach.

❖ **Goals**

Following goals have been set with the focus on overall development of the students. Priority shall be given to create excellent academic ambience, high-tech community based educational infrastructure, state-of-the-art facilities for curricular, co-curricular and extra-curricular activities

❖ The Short term goals

Short term Goals	
1	To upgrade laboratories and teaching learning infrastructure
2	To maintain cadre ratio.
3	To develop a spirit of entrepreneurship , industry and diligence
4	To promote awareness of intellectual property rights (IPR)
5	To refurbish the existing amenities with adequate space and appropriate place
6	To improve employability skills of graduates through soft skill training
7	To enhance relation with industry through collaborative activities like projects, training, visits, participation in curriculum development, department industry boards etc.
8	To create conducive atmosphere to undertake research and development activities

❖ The Medium term goals

Medium term Goals	
1	To get UG programs accredited by NBA
2	To undertake institutional reforms and effective governance
3	To Provide state of the art library open 24x7 available
4	To establish state of the art laboratories
5	To establish industry funded laboratories in every department
6	To establish strong industry institute interaction through courses and joint research projects
7	To establish incubation centre
8	To establish a student activity centre (SAC)
9	To achieve autonomous status

❖ The long term goals

Long term Goals	
1	To establish centre of excellence in all departments
2	To get Autonomy
3	To become financially self reliant

❖ **Mission of the Institute**

The mission of the institute is

1. To provide academic excellence for the overall development & global employability of students.
2. To strengthen industry-institute interaction for mutual benefits & entrepreneurship.
3. To promote innovation and research for catering to the needs of society at large.
4. To inculcate social as well as ethical values amongst employees and students.

This mission will be accomplished with a multi-pronged strategy and different aspects of development will be dealt with a pragmatic approach. In view of the elaborative action plan of Development, activities are initiated in different directions as follows:

❖ **Governance (BOG)**

Effective governance that will be in place in the days to come shall monitor continuous growth of the institute. Various Deans (Administration, Academics, student's affairs, R& D, industry institute interaction, infrastructure development etc.) shall be amicably empowered to execute the mission. All systems will be in place so as to achieve academic excellence, financial discipline and transparent administration. The institute has a board of governance; comprising education is its entrepreneurs and industry experts to ensure realization of the vision.

Sr. No.	Name of Member	In the Capacity of	Designation
1	Hon. Dilip Walse-Patil	Management Representative Nominated by Trust	Chairman
2	Hon. Secretary, Rayat Shikshan Sanstha, Satara	Management Representative Nominated by Trust	Member
3	Hon. Prataprao Pawar	Management Representative Nominated by Trust	Member
4	Hon. Dr. N. B. Pasalkar	Management Representative Nominated by Trust	Member
5	Hon. Dr. B. N. Chaudhary	Management Representative Nominated by Trust	Member
6	Hon. Uday Jadhav - Chairman U. L. Group of Companies, Pune	Management Representative Nominated by Trust	Member
7	Hon. Farookh Cooper M/s. Cooper Industries, Satara	Management Representative Nominated by Trust	Member
8	Hon. Regional Officer,	Representative of AICTE, New Delhi	Member (Ex-Officio)
9	Industrialist/Educationist/ Technologist	Representative of AICTE, New Delhi	Member
10	University Nominee	Nominee of Shivaji University, Kolhapur	Member
11	Hon. Director, Directorate of Technical Education, Mumbai	Representative Director of Technical Education, Mumbai	Member (Ex-Officio)
12	Industrialist/Educationist/ Technologist	(Representative of Government of Maharashtra)	Member
13	Prof. Dr. H. A. Mandave	Representative of Faculty Karmaveer Bhaurao Patil College of Engineering Satara	Member
14	Prof. Ms. Mane Sunita	Representative of Faculty Karmaveer Bhaurao Patil College of Engineering Satara	Member
15	Principal	Karmaveer Bhaurao Patil College of Engineering Satara	Member Secretary

❖ **Quality Policy**

1. Develop a quality system for conscious and consistent actions to improve the academic and administrative performance
2. Ensure timely, efficient and progressive performance of academic, administrative and financial activities.
3. Ensure relevance and quality of academic and research programs.
4. Optimization and integration of modern methods of teaching and learning.

❖ **Undergraduate Education**

The institute undertakes regular review of under graduate academic environments. This review includes assessment of hands on experience for the students grading system, student counseling as well as updating the curriculum contents to make the students ready for the industry. There view is based on inputs from stake holders. Student faculty relationship needs to be improved. Faculty to be encouraged for remedial tutorials, open forum and guidance through various online tools. This will provide an experience of “learning outside class rooms” so as to boost critical thinking, communication and collaboration. In order to facilitate such an atmosphere, professional student bodies will be made active through several events and programmes. The spirit of creativity and research is a key element of any institute. Summer research school, Internship, sponsored projects will be encouraged. MoU with reputed organizations and Industries will improve interaction and exposure to the business world.

❖ **Capability building of Student**

It is to be emphasized that the education at KBP College of engineering, Satara wishes to make students multifaceted and versatile. With the growth of student population in the campus, the planning of facilities, management of hostels, the organization of events, and the maintenance of student relations is very sensitive and crucial issue. The involvement of faculty in many student related activities such as culture ,sports ,workshops ,seminars, industrial visits, in plant trainings, community services, etc. needs considerable improvement. The student counseling service needs to be strengthened. It is necessary to provide career counseling, academic counseling, personal counseling and professional counseling

Further it is necessary to provide training on soft-skills, motivation and other aspects of behavior such as attitude, etiquettes and manners. It is necessary to provide guidance for higher studies in India and abroad. Those having a flair for entrepreneurship need to be encouraged and given support.

All the above mentioned issues will be addressed in a rational, logical and realistic manner. Further, it is expected that sports and cultural activities will be strengthened in the coming years for the students with a corresponding strengthening of the infrastructure for these activities. For overall development of students, various students' bodies are formed like CSESA, CESA, MESA, EESA, FABS. Along with this various institution level clubs are formed like Music and Arts, Communication & personality development, Photography club, Social welfare & Environment sustainability development, sport club and Cyber security club.

❖ **Human Resource development**

The faculty strength of the institute needs to improve significantly. The quality of technical and administrative staff also needs to be improved considerably. Simultaneously a paradigm shift in the education shall invite attitudinal and operational change in the faculty and staff. Hence a comprehensive HRD policy is required for this purpose in due course of time

All the staff members must undergo continual training and appraisal. The schemes like instituting awards for faculty and staff etc. shall be introduced shortly. The institute needs more outsourcing of various support activities such as housekeeping, building maintenance, electrical maintenance, campus wide network, computer laboratories, security, cleanliness etc.

❖ **Research & development**

The Institute encourages its teachers to take consultancy and R & D assignments within institution, with other institutions or industries appropriate to the teacher's competence. It should be made clear in an emphatic manner that sponsored research activity is an important as well as integral part of the academic activity of the institute. Every faculty is expected to participate in this activity. A fair amount of internal revenue will be generated through this activity and marketing research area.

❖ **Alumni Association**

The institution was established in 1983.. The institute will establish a vibrant alumni association and regular meets will be arranged through different chapters to enhance industry institute interactions, and inculcate entrepreneurship and leadership qualities in the student community.

❖ **Social responsibility**

Social responsibility is an ethical framework and suggests that an entity, be it an organization or individual, has an obligation to act for the benefit of society at large. Social responsibility is a duty every individual has to perform so as to maintain a balance between the economy and the ecosystems. To meet above expectation NSS, activities started in the institute.



Our Recruiters (Core Companies)



Our Recruiters (Software Companies)



KBPCOES



Since : 1983

Rayat Shikshan Sanstha's

Karmaveer Bhaurao Patil College of Engineering, Satara

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