

PERSPECTIVE PLAN

2007 – 22



Shri Shivaji Education Society, Amravati's

Shri Shivaji Science College



Shri Shivaji Education Society Amravati's

Shri Shivaji Science College

Shivaji Nagar, Morshi Road, Amravati - 444 603 M.S.

Accredited by NAAC with 'A' grade with a CGPA of 3.13 and UGC Awarded College with Potential for Excellence
Identified by DST for FIST and SGB Amravati University as Lead College

PERSPECTIVE PLAN 2007–2022

The goals to be achieved during 2007–2022 are formulated for the development with respect to following aspects.

1. Courses/ Programmes
2. Teaching – Learning Process through ICT
3. Research & Development
4. Human Resource and Management
5. Support services and facilities for Students
6. Infrastructure Development & Management
7. Extension Activities and Institutional Social Responsibility
8. Career Guidance and Placements
9. Best and Innovative Practices
10. Management Information System
11. Alumni Relations

1. COURSES/ PROGRAMMES TO BE INTRODUCED

- PG Courses
- Research
- Vocational courses
- Short Term Courses
- Bridge Courses
- Career Oriented Courses
- Introduction of GIC at PG level

Also, in view of enriching/supporting the present curriculum and value based education following small courses/activities will be introduced.

- Enrichment of curriculum as per need at department level.
- Yoga education
- Disaster management
- Women grooming center
- Value Education
- Feedback on curriculum.

2. ENHANCEMENT OF TEACHING , LEARNING & EVALUATION (TLE) PROCESS

To cater to the needs of advanced and slow learners along with conventional chalk-and-talk teaching some measures for improvement will be taken.

- Use of ICT in teaching & Learning will be encouraged.
- Use of various other TLE methods
- Establishment of ICT class rooms.
- Self-learning through seminars , field/industry visits will be encouraged.
- To introduce bridge courses & short term certificate courses.
- Introduction of e-learning and development of e-content
- To cater to the needs of slow learners remedial coaching will be continued.
- To create and maintain the learning ambience, more learner centric activities such as guest lectures, workshops and competitions for the students will be organized.
- The constant formative and summative evaluation will be continued.

3. RESEARCH & DEVELOPMENT

To achieve goals of quantitative and qualitative increase of research output the college he following initiatives will be taken:

- Improving human resource through organization of workshops/conferences.
- Publication in top journals and presentation in national/international conferences will be encouraged.
- Faculty will be encouraged to undertake major and minor research projects from UGC and other funding agencies.
- To get recognition of research laboratory from agencies like DST/DBT/Industries
- Improving existing laboratories and creating new infrastructure and facilities for quality research.
- Existing Central Instrumentation facility will be enhanced.
- Collaborative research will be encouraged.
- Faculty/departments will be encouraged to undertake consultancy services.
- Faculty will be encouraged to develop e-resource for research scholars.

4. HUMAN RESOURCE MANAGEMENT

The human resource strategy of this plan is aimed at increasing the strength of the human resources that includes faculty & staff

a) Faculty

- The promotion of faculty members through Career Advancement Scheme (CAS) is in place as per the UGC norms.
- For effective implementation of new courses faculty will be deputed for training and short term courses.
- Training programmes and workshops for teachers will also be organized.
- Faculty will be honoured for their quality research.
- To groom leadership among the faculty, opportunity will be given to shoulder various responsibilities in administrative process of the college.
- The college will look after the welfare of the faculty.

b) Non-teaching Staff

For the quality processes that are expected to maintain in enhancing standard of the institution a trained staff is essential.

In this regard following activities will be undertaken –

- Organizing trainings for administrative and technical staff.
- THE COLLEGE WILL LOOK AFTER TIME BOUND PROMOTIONS AND WELFARE OF THE STAFF MEMBERS.

5. SUPPORT SERVICES AND FACILITIES FOR STUDENTS

Following support services and facilities will be made available/enhanced for students.

- Career counseling cell
- Placement cell
- NET/SET coaching
- Language laboratory to improve the communication skills
- Guardian Teacher Scheme
- Grievance Redressal Cell, Anti - Ragging Cell
- Looking towards increasing enrollment of the girls special efforts will be taken to groom leadership amongst them.
- Games and sports indoor and outdoor facilities will be increased.

6. INFRASTRUCTURE

Additional infrastructural facilities will be created to cater to the needs generated by the proposed development plans.

Among them the facilities to be created in the near future are-

- New library building.
- Renovation of AV theatre/s
- Wi-Fi in campus
- Advanced IT infrastructure
- Enhancement of NRC.
- Separate class rooms for PG students.
- Construction of new classrooms.
- Development of digital class rooms.
- Non-residential students center.
- Grooming Theatre.
- **Students Study Centres** -
 - ✓ Wildlife and Bird conservation study centre.
 - ✓ Limnological and fish study centre.
 - ✓ Plant diseases diagnosis study centre.
 - ✓ Remote sensing study centre.
 - ✓ Astronomy and Astro -Physics study center.
 - ✓ Environment Monitoring centre.
 - ✓ Communication Skills study centre.
 - ✓ Open Source Software study centre.
 - ✓ Data analysis study centre.
 - ✓ Spiritual and Value Education study centre.
 - ✓ Dr Panjabrao Deshmukh's vision study centre.

7. EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY

Along with its academic pursuits the institution shoulders the social responsibilities from time to time.

- Extension activities in collaboration with educational institution of national repute, GOs and NGOs will also be organized.
- Efforts will be taken for carbon neutrality in the campus.
- During the conference and workshops some of the indirect beneficiaries like farmers, small scale industrialists and officials from GOs and NGOs will be invited for an interaction with the field experts.
- Conducting Green Audit with respect to use of renewable energy, water harvesting and Carbon Neutrality, hazardous waste management, e-waste management and biodiversity.
- Science Awareness programme.
- Organization of Students Academic extension activities.
- Institutional Social responsibility
- Environmental Awareness Camp & Conservation.
- Establishment of Student Grooming Centers.
- Installation of solar power system and water harvesting.

8. BEST AND INNOVATIVE PRACTICES

Following best practices will be strengthened.

- Rain water harvesting
- Energy conservation measures
- Use of renewable energy sources.
- Waste disposal management, e-waste management and recycling of materials.
- Noise and Air Pollution Monitoring
- Academic and administrative audit.
- Feedback mechanism

Apart from these best practices college has decided to implement some innovative ideas which will help the institution to improve its quality.

- Introduction of Management Information System.
- E- Attendance of students.
- Innovations in laboratory teaching will also be encouraged.

9. ALUMNI RELATIONS

- Provision of online registration for alumni.
- More opportunities will be created for alumni to organize various programmes on campus and engage with students and faculty.
- Alumni will be encouraged to support activities of the college.

OUTCOMES AND ACHIEVEMENTS (2007 – 2017)

GRANTS RECEIVED AND MAJOR DEVELOPMENT FOR LAST TEN YEARS

Major Funding Received from following Agencies:-

- UGC : 1. Development Grants 2. BSR Grants 3. CPE Phase I & II Grants 4. Special grants (conference/travel/ research projects).
- DST : 1. FIST 2. Special grants (conference/travel/ research projects).
- DBT : Special grants (conference).
- RGSTC : SIAC
- MoEF : Special grants (conference / research projects).
- Indian Science Congress, SGBA University, GSDA

| SN | Accomplishment |
|----|--|
| 1 | Academic Developments |
| | PG: Bioinformatics & Environmental Science |
| | UG: BCA |
| | Research : |
| | CIC, Recognition of Research Laboratories |
| | COC : Wild Life & Eco Tourism & Astrophysics & Astronomy |
| | Laboratory Upgrading |
| 2 | Infrastructure Developments |
| | Class Rooms (10) |
| | Auditorium (1) |
| | Laboratory Renovation : Env. Science, Microbiology , Biotechnology, Computer Science and Geology |
| | Establishment of CIC : |
| | Basket ball Ground |

| | |
|----------|---|
| | Women Hostel |
| | Office Renovation |
| | Gym |
| | Campus flooring |
| 3 | Human Resource Development |
| | Conferences organized : 15 |
| | Workshops for Teachers organized : 19 |
| | Workshops for Students organized : 10 |
| | Workshops for Non-teaching staff organized : 5 |
| | Workshops for Principals : 4 |
| | Competitions / Exhibitions / Quiz / Excursion / Lectures : 135 |
| 4 | Extension/ ISR Activities, Others |
| | Science Exhibitions |
| | Avishkar |
| | “Vigyan Parishad” |
| | Field Visits |
| | Sports Events |

DEVELOPMENT GRANT RECEIVED FROM UGC DURING THE ELEVENTH AND TWELFTH PLAN:

| Heads | th 11 Plan | th 12 Plan |
|--------------|--------------------------|--------------------------|
| Building | Rs. 23,50,000/- | Rs. 13,60,000/- |
| Equipment | Rs. 49,50,000/- | Rs. 42,13,500/- |
| Girls Hostel | Rs. 100,00,000/- | |

| Heads | Name of Agency / Scheme | Year | Amount sanctioned |
|---|----------------------------|----------------|-------------------|
| Building, Virtual Classroom, Equipment, Books and digital library, Supplies and Materials, Computing & Networking NRC and other Facilities | BSR grant (UGC) | 2012-2015 | Rs. 1.70 Crore |
| | CPE grant Phase – I (UGC) | 2010-2015 | Rs. 1.00 Crore |
| | CPE grant Phase – II (UGC) | 2017 – 2022 | Rs. 1.5 Crores |
| | FIST | 2017 – 2022 | 80 Lacks |

INFRASTRUCTURAL DEVELOPMENTS

Lecture Theatre Building

Capacity : 10 Lecture Theatres with 120 students capacity each



Inauguration of Lecture Theatre Building By
Hon'ble Dr. Raghunath Mashelkar and Dr. Vijay Bhatkar



Dual Entry Points: Main Gate -II



| S.N. | Departments |
|------|---------------------------|
| 1 | Biotech. and Microbiology |
| 2 | Environmental Science |
| 3 | CIC |
| 4 | Computer Science |
| 5 | Geology |
| 6 | Physics |
| 7 | Statistics |
| 8 | Office |

Renovated Main Building in year 2015



| YEAR | University Color Holders State / National |
|---------|--|
| 2008-09 | 01 |
| 2009-10 | 04 |
| 2010-11 | 02 |
| 2011-12 | 03 |
| 2012-13 | 03 |
| 2013-14 | 10 |
| 2014-15 | 12 |
| 2015-16 | 13 |
| 2016-17 | 15 |

Gym developed with the UGC and college funds of Approx. 10Lacks achievements tabulated



**International standard Basket Ball Ground with Flood Lights arrangement
(Approx. Cost 32 Lacks contributed by UGC and College)
(Winner Team for 2016-17)**

डॉ. पंजाबराव देशमुख स्मृती सायन्स अँड इनोवेटिव अँक्टीव्हिटी सेंटरसाठी मंजुरी

■ श्री शिवाजी शिक्षण संस्था, अमरावतीच्या शिरपेचात मानाचा तुरा ■ विदर्भातील एकमेव विज्ञान केन्द्र

अमरावती/प्रतिनिधी - श्री शिवाजी शिक्षण संस्थेचे अध्यक्ष अँड. अरुणभाऊ शेळके यांच्या अध्यक्षतेखाली डॉ. पंजाबराव देशमुख स्मृती सायन्स अँड इनोवेटिव अँक्टीव्हिटी सेंटरच्या निर्मितीसाठी मंजुरात मिळाली आहे. लवकरच श्री शिवाजी विज्ञान महाविद्यालया लागतच्या अडीच एकर जागेवर या केंद्राची निर्मिती शीघ्रच अस्तु सर, खर्चासाठी २.५ कोटीचे अनुदान मंजूर झाले आहे. विदर्भात अशा प्रकारचे पहिलेच विज्ञान मार्गदर्शन केंद्राची स्थापना अमरावतीत होत असल्याने श्री शिवाजी शिक्षण संस्थेच्या शिरपेचात आणखी एक मानाचा तुरा लागला आहे.



अमरावती येथील श्री शिवाजी विज्ञान महाविद्यालयाला लागतच्या अडीच एकर जागेवर २.५ कोटी रुपये अनुदानसह सेंट्रल केंद्र निर्मितीच्या प्रस्तावास मान्यता मिळाली असून लवकरच ह्या केंद्राचे निर्माण सुरू होत आहे. विदर्भातील व अमरावती विभागातील सर्व समाज व प्राणुमाने विद्यार्थ्यांमध्ये वैज्ञानिक दृष्टीकोण विकसित करणे, विज्ञानाबाबतची जाणीव आणि विज्ञाना निर्माण करणे, वैज्ञानिक कल्पनाशक्तीला बाब देणे व नाविन्यपूर्ण कल्पनांना मुक्त रूप देण्यास सहाय्यता करणे



मंत्रालयात झालेल्या बैठकीत डॉ. अनिल काकोडकर व डॉ. ए. व्ही. सप्रें यांच्याशी सामंजस्य करार करताना प्रार्थार्थ व. गो. ठाकरे

करणार असून, राष्ट्रीय बसुसंग्रहालय परिषद, कोलकाता द्वारे या केंद्राच्या भौतिक सुविधांचे निर्माण होत आहे. यादृष्टीने या सर्व संस्थांशी श्री शिवाजी शिक्षण संस्थेच्या सामंजस्य करार नुसताच मुंबई येथे करण्यात आला. शिक्षणमंत्री डॉ. पंजाबराव उपाख्य भाऊसाहेब देशमुख यांना अपेक्षित असलेल्या बुद्धीप्राप्ताच्यावादी व विज्ञाननिष्ठ समाज निर्मितीचे उद्दिष्ट समोर ठेवून

श्री शिवाजी शिक्षण संस्था, अमरावतीचे अध्यक्ष अँड. अरुणभाऊ शेळके यांनी डॉ. पंजाबराव देशमुख सायन्स अँड इनोवेटिव अँक्टीव्हिटी सेंटर स्थापनेकरिता पुढाकार घेतला व राष्ट्रीय विज्ञान दिनाचे निमित्ताने सेंट्रल केंद्राची एक भेट केली. संस्था अध्यक्ष अँड. अरुणभाऊ शेळके, संपूर्ण विदर्भमध्ये अशा प्रकारचे हे एकमेव केंद्र असाणार आहे. या प्रकल्पाचे यशस्वी

उभारणीकरिता समन्वयाची जबाबदारी श्री शिवाजी विज्ञान महाविद्यालय, अमरावती यांचेकडे सोपविण्यात आली आहे. संपूर्ण विदर्भवासीयांकरिता मार्गदर्शन व प्रेरणादाई ठरणाऱ्या या प्रकल्पाचे नियोजन व निर्मिती करिता, संस्था अध्यक्ष अँड. अरुणभाऊ शेळके, संस्थेची संपूर्ण कार्यकारीणी तसेच संस्था सचिव यांनी महत्त्वपूर्ण भूमिका बजावून परिश्रम घेतले.

महाराष्ट्रात दोनच सेंटरला मान्यता

महाराष्ट्र शासनाच्या राजीव गांधी विज्ञान व तंत्रज्ञान आयोगाच्यावतीने महाराष्ट्रामध्ये केवळ दोनच शैक्षणिक संस्थांना सायन्स अँड इनोवेटिव अँक्टीव्हिटी या सेंटरची मंजुरात देण्यात आली आहे. महाराष्ट्रामध्ये अग्रगण्य असलेली रयत शिक्षण संस्था व श्री शिवाजी शिक्षण संस्था यांचा यात समावेश आहे हे सेंट्रल मिळविण्यासाठी मंत्रालयात नुकताच सामंजस्य करार करण्यात आला. श्री शिवाजी शिक्षण संस्थेच्यावतीने प्रार्थार्थ डॉ. व्ही. गो. ठाकरे यांनी सेंट्रल कराराच्या वेळेस उपस्थिती लावली होती. या सामंजस्य कराराप्रसंगी राजीव गांधी विज्ञान व तंत्रज्ञान आयोगाचे अध्यक्ष डॉ. अनिल काकोडकर, सचिव ए. व्ही. सप्रें यांची याप्रसंगी उपस्थिती होती.

शुभमंगलम्



Dr. Panjabrao Deshmukh Memorial Science Centre
Sanctioned by Rajiv Gandhi Science and Technology Commission, Govt. of Maharashtra,
Total Funds – 2.5 Crores



UGC and College Funded Payoshini Girls Hostel (2009)
Inaugurated by Hon'ble President Pratibhatai Patil
(Approx. Cost: Rs. 1,30,00,000/-)



**Lecture Theatres Created with the help of UGC and College Fund
(Approx. Cost:3.00 Crores)**



**Sir C.V. Raman Auditorium Inaugurated at the hands of
Hon'ble Pandurangji Fundkar, Agriculture Minister, Maharashtra State
(Approx. Cost:67.00 Lacks)**



Administrative Office renovation, up-gradation and automation

LABORATORY RENOVATIONS



Department of Computer Science



Department of Chemistry



Department of Environment Science



Department of Geology



Department of Microbiology and Biotechnology



Microbiology and Biotechnology Research Laboratory



Central Instrumentation Cell



Physics Laboratory and Astronomy Telescope



Students Access Centre



Statistics Laboratory



Department of Zoology Lab

OTHER FACILITIES



Girls Common Room



Vehicle stand



Botanical Garden



Library

RESEARCH OUTCOME (2007 - 2017)

| Details | Number | Publication details | Number |
|-------------------------------|--------|--------------------------|--------|
| Recognized Research Labs | 09 | Papers in Journals | 610 |
| Supervisors | 31 | • Total no. of citations | 1517 |
| Ph.D. Produced | 67 | • Highest Impact Factor | 3.898 |
| Ph.D. On-going | 68 | • Highest h- Index | 14 |
| Major Projects | 09 | • Highest SNIP | 1.38 |
| Minor Projects | 22 | • Highest SJR | 1.23 |
| Project Amount in Rs. Lakh | 114.49 | Books Edited | 39 |
| Events Organized | | Chapters in Books | 56 |
| • National | 07 | Papers in Proceedings | 407 |
| • State / Regional | 29 | Presentations Abroad | 06 |
| • Invited Lectures | 92 | Best Paper Award | 12 |
| | | | |

STUDENTS' ACHIEVEMENTS

Sant Gadge Baba Amravati University Merits (2007 – 17)

| S.N. | SUBJECT/CLASS | NO. OF STUDENTS |
|------|----------------------------|-----------------|
| 1 | UG (B. Sc. + BCA) | 29 |
| 2 | PG (BOTANY) | 05 |
| 3 | PG (BIOINFORMATICS) | 11 |
| 4 | PG (CHEMISTRY) | 02 |
| 5 | PG (COMPUTER SCIENCE) | 14 |
| 6 | PG (ENVIRONMENTAL SCIENCE) | 12 |
| 7 | PG (PHYSICS) | 03 |
| | | |

| PRIZE WINNERS IN ACADEMIC COMPETITIONS (SEMINAR/QUIZ/POSTER/ESSAY ETC.) | |
|--|------------|
| International/National | 15 |
| State | 25 |
| University | 206 |
| Avishkar | 07 |

COMPETITIVE EXAMINATIONS

| Examination | No. of Students Qualified |
|--------------------------|----------------------------------|
| NET | 35 |
| SET | 37 |
| GATE / CAT | 14 |
| MPSC/ UPSC | 26 |
| INSPIRE | 45 |
| DEFENCE SERVICES | 04 |
| Others (PAT, JNU, etc.) | 97 |

NCC ACHIEVEMENTS AT STATE AND NATIONAL LEVEL

| Achievements | Number of Students |
|-----------------------------------|-------------------------------|
| Youth Exchange Programme of India | 01 in Vietnam 01 in Bhutan |
| RD Parade, Delhi | 03 |
| TSC, Delhi (Gold Medal) | 01 |
| TSC, Delhi (Silver Medal) | 01 |
| TSC, Delhi | 06 |
| Selected in IMA | 01 |
| Placement for Sub-major | 01 |
| Best Cadet SAHARA Scholarship | 01 |
| Best Firer | 01 |

ACADEMIC EXCELLENCE AT JUNIOR COLLEGE LEVEL

| YEAR | Board Merit List | CET | Subject Topper | Sports |
|-------------|-------------------------|------------|-----------------------|---------------|
| 2007-08 | 20 | 25 | 05 | 13 |
| 2008-09 | 27 | 18 | 06 | 14 |
| 2009-10 | 18 | 08 | 09 | 34 |
| 2010-11 | 26 | 10 | 03 | 47 |
| 2011-12 | 23 | 23 | 07 | 51 |
| 2012-13 | 12 | 19 | 06 | 45 |
| 2013-14 | 17 | 12 | 05 | 21 |
| 2014-15 | 23 | 14 | 06 | 22 |
| 2015-16 | 21 | 16 | 05 | 19 |
| 2016-17 | 21 | 17 | 06 | 18 |

AVISHKAR EXCELLENCE



Mr. Shirshir Kulkarni (2008, 09)



Mr. Jayant Dandale (2010)



Mr. Pratik Deshmukh (2010)



Mr. Adwait Keole (2011 – 2012)



Mr. Mukund Fiske (2016)



Mr. Yash Puri
Participated at National Level
(2016, 2017)

EVENTS ORGANIZED (2007 - 2017)

2007 – 2008



National Conference on Modern Approaches and Innovations in Biotech and Biodiversity Conservation



Inaugural address by Chief Guest

2008 – 2009



Inauguration of National Science Day Celebration



Address by Dr. Mahapatra, BARC, Mumbai



Taramandal (Mobile Planetarium Show)



Science Exhibition

2009 – 2010



Tending the Roots: Revival of the Basic Sciences
27th October, 2009



August Gathering for Inaugural Program



State Level NAAC Workshop



Dr. Rajan Vergis delivering invited talk



Women Empowerment Workshop



Activity Session in Women Empowerment

2010 – 2011



National Workshop on Advances in Instrumental Technology
27 – 28 March 2010



Dr. K. Sudhakar babu, Secretary ACT
delivering Talk



Zoological Society Inaugurated at the
Hands of Dr. Raju Kasambe, Manager,
IBA, BNHS, Mumbai



Mr. Ivan Barbar, Royal Society for
Protection of Bird delivering Talk



Two Days Workshop on Statistical
Activities



Nature Camp Ecotourism and

2011 – 2012



National Conference on "Mycodiversity with its Sustainable Exploration and Biotechnological Applications"



Plenary Lecture of MSEBA



Workshop on ERP mission 26th December, 2012



Workshop On Cyber Crime and Law 27 Sept, 2011

2012 – 2013



Shivaji Vidyan Parishad in Collaboration with HSBC and TIFR, Mumbai



Three Days Programme on Exploration of Entrepreneurship Opportunities



Workshop on Mushroom Cultivation
25th Jan. 2013



Workshop on Vermi-Composting
24th Feb. 2013



Workshop on Cyber Security
24th Aug 2014



Workshop on Landscape and Garden Planning
28th Sept 2013

2013 – 2014



TWO DAYS NATIONAL WORKSHOP ON PCR, RFLP AND PRIMER DESIGNING
22nd – 23rd FEBRUARY, 2014



Hands On Training by Expert



Workshop on FOSS culture



National Conference on Watershed Management



Principal's Workshop on Academic, Administrative and Financial Management
23rd March, 2014



One Day IQAC Workshop to prepare SSR
23rd March, 2014

2014 – 2015



Laboratory Workshop on Physics for UG Teachers (27th - 28th June 2014)



A Programme on Science & Technology for Human Development (PSTHD 2015)



Workshop on Ornithology



State level Workshop on Metrics and IPR (22 December, 2014)



Workshop on Cyber Cell (14 Sept. 2014)



Nature Camp (21 – 22 February 2015)

2015 – 2016



Dr. M. R. Kurup's Lecture on Preparation for NAAC Visit



Avishkar 2015- Inauguration by Hon'ble VC Dr. Mohan Khedkar, SGB Amravati University



NAAC Peer Team Visit- Report Sharing Oct. 2015



Basket Ball Runner Girls Team



Three Days Programme entitled "Entrepreneurship Opportunities"



Dr. Abhiram Dabir, Regional Officer, MCED, Amravati counselling UG and PG students

2016 – 2017



Hon'ble Dr. Anil Kakodkar, Delivering Lecture



Dr. Khened, Director, Nehru Science Centre Mumbai, delivering lecture on eve of National Science Day



Inauguration of Sir C.V. Raman Auditorium



National Conference on AAA and HEI



Avishkar Inauguration 2017



Workshop for School Teachers

2017 – 2018



DBT & CSIR sponsored National Conference on Recent Trends in Biotechnology and Biodiversity



Avishkar 2018



5th Shivaji Vidnyan Parishad 2017



NAAC Accreditation Awareness Workshop

VISIT OF DIGNITARIES



Dr. Jayant Naraliker



Dr. Raghunath Mashelkar



Dr. Anil Kakodkar



Dr. Vijay Bhatkar



Dr. Mangala Naraliker



Dr. Shivaprasad Khened

PROPOSED DEVELOPMENT PLAN AND EXPECTED EXPENDITURE (FOR 2017-22)

Major Funding Agencies

- UGC : 1. Development Grants 2. BSR Grants 3. CPE Phase I & II grants 4. Special grants (conference/travel/ research projects).
- DST : 1. FIST 2. Special grants (conference/travel/ research projects).
- DBT : Special grants (conference).
- RGSTC : SIAC
- MoEF : Special grants (conference / research projects).
- Indian Science Congress, SGBA University, GSDA

| S.N. | Proposed Plan | Funding Source |
|----------|---|------------------|
| 1 | Academic Developments | |
| | PG: Microbiology & Mathematics | College |
| | UG: BVOC | UGC and College |
| | PG Diploma in Data Analytics | UGC and College |
| | Career Oriented / Skill Development Courses | UGC |
| | Digitized Classrooms (05) | CPE and College |
| | Modernization of UG Laboratories | CPE and College |
| | Modernization of PG & Research Laboratories | FIST and College |
| | CIC up gradation | UGC and college |
| | Students Study Centre | College |
| | Language Laboratory | CPE and College |
| | Establishment of Digital Library | CPE and College |
| 2 | Infrastructure Developments | |
| | Class Rooms (12) | UGC and College |
| | Auditorium (1) | UGC and College |
| | Renovation of AV Theatre and Old Auditorium | College |
| | Laboratory Renovation: Botany, Bioinformatics. Physics, Chemistry, Computer Science | College |
| | New Library Building | UGC and College |

| | | |
|----------|--|-----------------------------------|
| | Indoor Stadium | UGC, Ministry of Youth and Sports |
| | Extension of Women Hostel | UGC and College |
| | Solar System for Energy | College |
| | Rain Water Harvesting | College |
| | Enhancement of NRC | CPE and College |
| | Wi-Fi in Campus | College |
| 3 | Human Resource Development and Administration | |
| | Conferences | |
| | Workshops for Teachers | |
| | Workshops for Students | |
| | Workshops for Non-teaching Staff | |
| | Workshops for Principals | |
| | Promotion of e-management, | |
| | Up-gradation of MIS system | |
| 4 | Extension/ ISR Activities, Others | |
| | Science Exhibitions | |
| | Avishkar | |
| | “Vigyan Parishad” | |
| | Field Visits | |
| | Sports Events | |
| | Green Audit, E-waste Management | |
| | Environment Awareness and Conservation | |
| | Quality Enhancement Activities-IQAC | |

SUMMARY STATEMENT

The college has achieved most of its goals as envisioned in the master plan prepared in the 2007 for 15 years with the support from all the stakeholders. The enthusiastic students, devoted faculty, supportive staff and constant encouragement and active support from management made the mission possible.

To develop and nurture global competencies in the students and to deal with the dynamic trends in the higher education every academic institution need to strengthen its resources, upgrade modalities and reduce challenging threats. Amenities available in the institution and anticipation by every stakeholder should complement each other to achieve eventual excellence in the entire system. This demands for state of art facilities, enhanced infrastructural facilities (such as library building, non residential student's centre, indoor stadium, etc.) and modernized tools and technique for teaching, learning and evaluation.

We are confident that, we will receive the much needed support from all the stakeholders in future for fulfilling the academic development of this region's students as expected by the Founder President Dr. Panjabrao Alias Bhausahab Deshmukh.