

# ANNUAL REPORT

**2020-2021**



ESTD.:

*NAAC Reaccredited with B<sup>++</sup> With CGPA- 2.82*

**SHRI SHIVAJI SCIENCE AND ARTS COLLEGE**

**Chikhli, Dist. Buldana-443201.**

## THE INSTITUTION

The college was established in 1967 by Late Dalitmitra Pandharinath Patil, to serve ever growing educational needs of the society. Later it was merged into Shri Shivaji Education Society which was established by Dr. Panjabrao alias Bhausaheb Deshmukh, the first agriculture minister of Independent India. The local leaders like Adv. R. D. Bhonde ‘Sarkar’ and Dalitmitra Santoshrao Patil along with other socio-political leader extended their cooperative hands to establish this institution. The farmers also contributed in this holy and sacred task. The students of this institution with their exemplary discipline, serious academic, extra-curricular and co-curricular activities and with the support of their teachers pursue quality education. With values, transparency, honesty and integrity the college premises is one of the most exemplary institutions in the region.

Today, our institution has **16** departments which offering **3** undergraduate courses and **5** post graduate courses. With the strength of **35** teachers, out of which **23** have Ph.D. degrees, we have a league of highly qualified and research-driven faculty. Nine Research Centres, offering Ph. D. Programme, are working in the college. It is significant to note that the was reaccredited with Grade **B<sup>++</sup> (CGPA 2.82)** by NAAC. We transformed ourselves by evolving our methods of teaching and learning to the best of our ability.

## **OUR VISION**

### **Excellence and Service**

## **COLLEGE MISSION**

Our institution is committed to the mission of the parent body Values

**“ Tamaso-Maa-Jyotirgamaya”**

**Lead Me from Darkness to Light**

## **OUR GOALS**

- To mould students to be morally upright, socially committed and spiritually inspired.
- To enable students realize their full potential in academic, cultural & sporting pursuits.
- To foster scientific temper and encourage students to adopt a rational approach to solve problems.
- To empower students to be good leaders who will spread the light of knowledge, harmony and equality in all spheres of life.
- To equip students with the required knowledge and skills to face the challenges of real world.
- To work towards the integrity of creation through the programmes/movement that foster inter-connectedness, kinship and eco-justice.
- To synergize women & those prevented from exercising their right to be human; through enlightening those regarding their basic human rights and helping them to achieve the same.
- Development of inter linkages across teaching research and extension.

In the Academic Year 2020-21, by keeping in mind the vision and motto of the institution '*Tamso Ma Jyotirgamaya*', we continued to work towards excellence. This year 664 boys and 492 girls took admission in the college.

During the year the following curricular and extra-curricular activities were organized by the departments working in the college.

### **Some Major Highlights of Year:**

#### **1) Workshop on Performance Based Appraisal System:**

The workshop was organized by IQAC, Shri Shivaji Science and Arts College, Chikhli in collaboration with Jijamata Mahavidyalaya, Buldana on 20/08/2021 at 11.30 AM. The main aim of workshop was to aware newly ppointed teaching staff of our college about PBAS. The keynote speaker of workshop was Dr. Praveen Raghuvanshi, Professor and Head, Department of Chemistry, Brijlal Biyani College, Amravati and President of NUTA. The workshop was concluded with vote of thanks given by Dr. G. G. Malte. All the teaching staff members were present for this workshop.

### **Faculty of Humanities**

#### **1. English**

- During the academic year 2020-21 online lectures were engaged due to Lockdown (Covid 19). The engaged lectures were uploaded on You Tube.
- Participated in Online Workshop and Seminars
- Add On Course of 20 Days in Communication Skills in English was organized, Course Duration: 13 Sept. to 20 October 2021.

#### **2. Marathi**

- Participation of students in Ved Awareness Programme was organized by Akhil Bhartiya Mahanubhav Mahamandal, Nagpur ( Duration 20/08/2020 to 01/09/2020)
- Participation of students in International Nonviolence Day organized by Gandhi Research Foundation, Jalgaon (02 October, 2020)
- Workshop on Women Empowerment was organized. (Date : 04/01/2021)

- Workshop on “*Sant Sahityacha Samagra Parivertanacha Vichar*” (Thoughts of Saint Literature about Absolute Transformation was organized. (Date: 15/17/2021)
- Participation of students in National Youth Camp organized by Gandhi Research Foundation Jalgaon. (Duration: 14 to 17 July, 2021)
- The from the Department of Marathi participated in Online Workshops - Intellectual Property Right, Microgreens A New Beginning Towards Healthy Nutrition on the Occasion of International Women Day, Short Story Competition and National Quiz Competition.

### **3. Economics**

- Programme on World Population Day was organized on 20 July 2020.
- National Webinar on “Indian Economy & Covid-19” was organized on 31 July, 2021
- National Symposium on Internal Aspects of Central Financial Budget, 2021 was organized on 13 Feb. 2021.
- Quiz Competitions on Covid 19 and Economy and Research Methodology were organized.
- Course on Agri Based Entrepreneurship Development was organized. (Duration : 21 Sept. to 30 Sept. 2021)
- Workshop on Financial Planning was organized by Department of Economics and Faculty of Commerce in collaboration with Bank of Maharashtra, 6<sup>th</sup> August, 2021.
- Workshop on Schemes of State Bank of India organized by Department of Economics and Faculty of Commerce and State Bank Of India, 10/08/2021.
- National Food Day was celebrated on 16<sup>th</sup> Oct. 2021.

### **4. Political Science**

- Students Team from the Department of Political Science participated in Mock Parliament Competition and won prize of Rs. 5000/-. (Date : 5<sup>th</sup> Jan. 2021)
- Constitution Day was celebrated on 26<sup>th</sup> Nov. 2020 by the Department.
- Human Rights Day was celebrated on 10 December, 2020 by the Department.
- National Voter’s Day was celebrated by the Department on 25<sup>th</sup> Jan. 2021.
- Workshop on Research Methodology was organized by the Department on 15 Sept. 2021
- Election Literacy Board was established on 12<sup>th</sup> Aug. 2021
- Participation of students from the Department in General Knowledge Competition
- Two students from the Department viz. Vijay Samadhan Chandne and Akshaya Sanjay Wakode succeeded in State Eligibility Test in Political Science.

### **5. History**

- Students were given information about the role of Mahatma Gandhi in the freedom movement by the Department on 02/10/2020.

- MCQ based Practice Exam was conducted for the students of B. A. I, II and III.
- Mr. Anil Khandode, the student of the Department, stood third merit in the university exam in the academic year, 2019-20.
- Shivjayanti was organized on 02/10/2021
- One Day National Conference on Socio-Religious Reforms Movement in Present Context on 22/09/2021 by the Department.
- E-Poster Competition on Indian Freedom Fighters was organized by the Department.

## **6. Commerce**

- National Webinar on “Indian Economy & Covid-19” was organized on 31 July, 2021.
- Workshop on Schemes of State Bank of India organised by Department of Economics and Faculty of Commerce and State Bank Of India, 10/08/2021.

## **7. Zoology**

- Certificate Course on Bee Keeping was successfully completed by the Department.
- Warms Composed Fertilizer Project was initiated by the Department.

## **8. Microbiology**

- E-Poster Competition on Covid-19 Awareness was organized by the Department on
- Value Added Course “Bacteriological Analysis of Water” was conducted by the Department of Microbiology.
- Dr. S. N. Mendhe, the HOD, delivered lecture on Contamination & Various Methods of Water Treatment on 17/09/2021.
- Guest Lectures were organized on topics like- Bacteriological Analysis of Water MPN & H<sub>2</sub>S Method, Bacteriological Analysis of Water MPN & H<sub>2</sub>S Method, its advantages and disadvantages, MPN Method for enumeration of Coliforms From Drinking Water, Bacteriological Analysis of Water by MFT Method for Fecal Streptococci, H<sub>2</sub>S Method for Determination Bacterial Contamination.
- One day Laboratory Safety Training Programme for non-teaching staff members was organized on 10-07-2020 at 12.00 noon. The objective of the workshop was to aware non-teaching staffs about how to handle emergency arise during practical. All the non-teaching staff members were present for training programme.

## **9. Botany**

- Guest Lecture was organized on 11 Feb. 2021.
- Seminar Competition for Students was organized on 11 Feb. 2021.
- State Level Workshop was organized on the topic “Microgreen” on 8<sup>th</sup> March, 2021.

- Essay Writing Competition was organized on the occasion of Earth Day.
- MOU was signed with Amravati Garden Club and Aakansha Research Laboratory.
- Rangoli Competition was organized on the occasion of World Fungus Day.
- UGC, NSQF Certificate Course on Plant Propagation and Nursery Management was completed successfully.

## **10. Chemistry**

- Value Added Course on Soil and Water Analysis was completed successfully.
- National Level Conference on “Role of Nanotechnology for sustainable Future was completed successfully.

## **11. Physics**

- National Level Workshop on Career Opportunities in Physics and Mathematics for UG and PG students was organized by the Department on 19/07/2020.
- Raman Lecture Series on Modern Physics was organized on the occasion of Science Day. (Duration 22/02/2021 to 27/02/2021)
- State Level General Knowledge Quiz Competition was organized on 26/02/2021.
- Quiz Competition was organized on Basic Science for the students of UG and PG students on 28/02/2021.
- Lecture on Fun with Optics was organized on 01/03/2021.
- National Workshop on “Use of Virtual Laboratory in Education” was organized by the Department. The duration of the workshop was 09/08/2021 to 10/08/2021.
- One Week Certificate Course on Renewable Energy was organized by the Department. (Duration of the Course: 15/09/2021 to 21/09/2021)

## **12. Mathematics**

- National Level Workshop on Career Opportunities in Physics and Mathematics for UG and PG students was organized by the Department on 19/07/2020.
- General Knowledge Quiz Competition was organized for UG and PG students on 26 Feb. 2021.
- In Collaboration with Jijamata College, Buldana, the Department of Mathematics organized National Symposia on Modern Technology and Use of Laser on 29<sup>th</sup> Sept. 2021.

## **13. Electronics**

- Online lecture on Recent Development in Electronics Technology was organized by the Department on 20/02/2021.
- National Workshop on Electronics Devices and Its Applications was organized 06/08/2021.

- Electronic Alarm Bell was prepared and installed in the college by the Department.

#### **14. Computer Science**

- Seminar Presentation of the students of B. Sc. Part II, III and M. Sc. Part I, II was organized.
- Students of B. Sc. Part II and Part III and M. Sc. Part II were guided to prepare projects.
- Webinar on Cyber Security was organized on 9<sup>th</sup> July, 2020.
- On the occasion of “National Science Day”, the Department organized “Online Programming Quiz” on 1<sup>st</sup> March 2021.
- National Level Workshop on Cryptocurrency was organized on 26<sup>th</sup> March 2021.
- On the occasion of “National Science Day”, the Department has organized “Online Programming Quiz”, for Computer Science students. (01 March, 2021)
- National Level Workshop on Cryptocurrency was organized on 26<sup>th</sup> March 2021.

#### **15. Library**

- Book Exhibition was organized on the occasion of Ranganathan Birth Anniversary.
- On the occasion of National Librarian Day, a Symposia in collaboration with S. P. M. College, Chikhli was organized.
- On the occasion of Dr. Abdul Kalam’s Birth Anniversary, *Vachak Prerna Divas* was celebrated to promote book reading.

#### **16. Physical Education**

- International Yoga Day was organized on 21 June 2020.
- Induction Programme was organized.
- Online Social Awareness Programme on Covid 19 was organized.

#### **17. National Service Scheme**

- Regular Report of NSS of session 2019-20 was submitted to the University on 25<sup>th</sup> May, 2020.
- Certificates of students who completed 240 hours work for the session 2018-19 were submitted to the university.
- Tree Plantation Programme was conducted in the college campus on 1<sup>st</sup> July, 2020 and 1<sup>st</sup> Aug. 2020.
- Digital Flexes on Covid-19 and AIDS awareness were displayed on the part by the side of college main gate. (1 August, 2020)

The following Days and Anniversaries were celebrated by NSS unit of the college.

- Rashtriya Sadbhavana Divas, 20 August, 2020
- Teacher’s Day, 5 Sept., 2020
- NSS Establishment Day, 24 Sept. 2020



- Mahatma Gandhi Jayanti, 2 Oct. 2020
- Kranti Jyoti, Savitribai Fule Jayanti, 3 Jan. 2021
- National Child Day, 23 Jan. 2021
- Shiv Jayanti, 19 Feb., 2021
- Sant Gadge Baba Jayanti 27 Feb., 2021
- Women's Day, 8 Mar., 2021
- Jagtik Jal Din, 15 Mar., 2021
- Blood Donation Camp was organized, 27<sup>th</sup> Dec. 2020
- The NSS Unit was awarded the Second Prize for the implementation of Cleanliness Campaign at District Level, 20 Dec. 2020.

### **18. National Cadet Corps**

- Online Yoga Camp was organized, 21 June, 2020.
- Online Kargil Divas was organized, 26 July, 2020.
- Tree Plantation was organized, 12 July, 2020.
- Fit India, Hit India campaign was organized, 28 Sept. 2020.
- National Cadet Corps, 26 Nov., 2020.
- Fortnight Cleanliness Campaign organized, 27 Dec. 2020.
- Blood Donation Camp was organized, 27 Dec. 2020.
- National Girl Child Day was organized, 24 Jan. 2021.
- Pulse Polio Campaign was organized, 31 Jan. 2021.
- Participation in Annual Training Camp, Khamgaon, 11/03/2021 to 13/03/2021.

### **19. IQAC (Internal Quality Assurance Cell)**

- College Web Site updated and relevant information uploaded.
- Certificate and Value Added Courses started
- Green Audit And Environmental Audit Completed
- Talking Tree App was prepared and made available for the students and teachers. The App gives information about the tree available in the campus.
- Academic Audit was carried out.
- MOUs were signed.
- AQAR of the year, 2019-20 was uploaded
- Renewed the account of Corpus Fund And Alumni Fund
- Workshop on IPR was organized.
- Workshop on Research Methodology was organized, 8 Sept. , 2021.
- Proposal for Permission to initiate Post Graduation Courses was submitted
- Alumni Association Meet was organized
- Parent-Teacher Association Meet was organized

- Induction Programme was organized
- Planned to start Scholarship for Students



**Principal**  
**Dr. Omraj S. Deshmukh**

**Date: 01 December 2021**