



ShriShivaji Education Society Amravati's

**SHRI SHIVAJI SCIENCE ANDARTSCOLLEGE**

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

**NAAC Reaccredited with 'B++' Grade (CGPA 3.00)**

**ISO: 9001-2015**

**Dr. Meena T. Nikam**  
Officiating Principal

**Hon'bleShriHarshvardhanP.Deshmukh**  
President

**2.6.1. Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.**

- **Deeksharambh Induction Programme**
- **Photos of Course outcomes display on Notice board of the departments.**



*Principal*  
**PRINCIPAL**  
Shri Shivaji Science & Arts  
College, Chikhli, Dist. Buldana

[www.ssesa.org](http://www.ssesa.org)[www.shivajichk.ac.in](http://www.shivajichk.ac.in)

E-mail: [shivajichk@rediff.com](mailto:shivajichk@rediff.com) Phone :-(07264) 242088(O)

*We Educate, Inspire and Empower...*

**Examination (Internal / External) Committee**

# Report on

## Induction Program for B.Sc. I Year Students

### Academic Year 2023-24

The induction program was organized for B.Sc first year student on 25/7/2023. The program started at 11:00 A.M. in the morning. The president of the program was the in-charge principal Dr. M.T. Nikam, Shri Shivaji Science and Arts College. The program was inaugurated by Dr. P. S. Wayal, Co-opted member Shivaji Shikshan Sanstha Amravati and the Chief Guest was Shri Madhukarrao Patil ,Life Member Shri Shivaji Shikshan Sanstha Amravati. Dr. V.U. Coordinator IQAC, Dr. Ganesh Malte Faculty Incharge Arts, Dr. R. P. Gwai, Faculty Charge, Commerce present on the stage.

The program started by worshipping the photos of Chhatrapati Shivaji Maharaj, Doctor Punjabrao Upadhya Bhausaheb Deshmukh, Dalitmitra Pandharinath Patil and late R. D. Bhonde Sarkar. The various activities of the college were informed through video. Dr. Meena Nikam, welcoming the newly admitted students. To addressing the student she urged while completing their education, the students should participate in various activities organized in the college for all-round development and also college is committed to provide quality education. The anchor of program was Dr. Pallavi Nalle and vote of thanks given by Dr. Sunita Kalakhe.



On 26th and 27th July during the visit to the department of Zoology, Botany Microbiology Chemistry, Electronics, Computer Science, Mathematics and Physics Dr. R. B. Gade, Dr. D.L. Gawande, Dr.S. N. Mendhe, Dr. Praful Padghan, Dr. A.B. Kadam Mrs. Vaidya and Mr. N. B. Thakre provided the information about the department.

On July 28<sup>th</sup> visit of students to Department of Marathi, English, Economics, History and Political Science Dr. Ganesh Malte, Dr. Jukkalkar, Dr. Sunita Kalakhe, Prof. Ganesh Solanki and Prof. Wakode informed the students about department and various activities of the department. Dr. Raju Gawai, Head of Department of Commerce, informed the students about the intership and industrial trip organized by the department. Dr. Mukti Jadhav gave information about ICC Cell and Ms.Trupti Srirame gave information about Bus Pass Service for student.

On 1st August students visited to NCC NSS Sports Library. In visit to the department NSS Coordinator Professor Swapnil Kale informed about NSS admission process and Blood Donation Camp, Swachhath Abhiyan, Health Camp etc. Then visit to NCC Department , the Head Lieutenant Kiran Padghan told the success story of NCC Department importance of C certificate. Dr. Ganesh Thorat and Mr. Shashikant Patil informed the students about Sports Department and Gymnasium. In the library Mr. Sawai and Smt. Khillare madam informed about book exchange. For the success of this program Mr. Thakre, Dr. Vijay Huse, Dr. P.P. Padghan, Dr. D.N. Bhoyar . Eknath Jadhav and Shri. Anil Bahekar apart from all other teachers and non teaching staff members and students worked hard.



- 1] Anjali Shivprasad Thosare Science Thosare.
- 2] Gayatri Ramesh shelke Science Shelke.
- 3] Saika Anil yeole Science Shyete.
- 4] Nikita Vinodsing Jadhao Science N.V. Jadhao
- 5] Gayatri Gopalrao Deshmukh Science Deshmukh
- 6] Dipti Arvind Jadhao Science D.A. Jadhao
- 7] Srushti Ganesh kale Science Kale
- 8] Rohini Gajanan Parihar Science Parihar
- 9] Mayuri Dnyaneshwar chinchole science Mull
- 10] Parnali Pradeep mule Science Parnali
- 11] Dnyaneshwar Vishnu Bhawde Science Bhawde
- 12] Gayatri Gajanan Umbarkar science Gumbarkar
- 13] Divya Madhav Solanke Science Solanke.
- 14] Pallavi Kautik Lokhande Science Lokhande.
- 15] Vaishnavi Pandharinath Hoje Science V.P. Hoje
- 16] Poonam Santosh shelke science P.S. shelke
- 17] Gayatri Rajendra Joshi Science G.R. Joshi
- 18] Sakshi Dnyaneshwar wagh science Swagh
- 19] Komal Eknath Wagh science K.E. Wagh
- 20] Sanskruti Santosh kulkarni Science Kulkarni
- 21] Pooja Datta Mukhmal Science Mukhmal
- 22] Saheli Santosh Gondhane Science S.S. Gondhane.
- 23] Srushti Nitin Deokar Science Deokar.
- 24] Amruta Shivnarayan Gupta science Gupta
- 25] Radha Pralhad Gawali Art P. Gawali
- 26] Vishakha Prakash Gawai Science Gawai
- 27] Nikita Ganesh Samsane Science Samsane
- 28] Vaishnavi Vishnu Shete science Shete



- 29) Jaysheer Peakash Bhutekar science J.P. Bhutekar
- 30) Vidya Narendra Paturkar Science V.N. Paturkar
- 31) Anil Raju Ingle Science ~~Anil~~
- 32) Suhani Rakesh Kudke science S.R. Kudke
- 33] Komal Santosh Dandade Science Dandade
- 34] Sakshi Shrikisan Dolzake science S.S. Dolzake
- 35] Pallavi Rajesh Ingle science Ingle
- 36] Sakshi Sanjay Lokhande science S.S. Lokhande
- 37] Rikhi Salobh Nikalle Science R.S. Nikalle
- 38] Santoshi Dilip Gadekar science S.D. Gadekar
- 39] Pratima Kashinath Gawai Art ~~Rawal~~
- 40] Komal Arun Gawai Art Gawai
- 41] Sakshi Vishnu Jadhav Science S.V. Jadhav
- 42] Poonam Tulshidas Purinor science Poonam
- 43] Ku:- Ashvini Vinayak Yevale Science A.V. Yevale
- 44] Ku:- Nutan Nandkishor Shelke science ~~Nutan~~
- 45] Ku. Pratibha Ankush Surushe Science - Surushe
- 46] Ku. Ankita Ravindra Khandagale Science - A.R. Khandagale
- 47] Ku. Vaishnavi Pandharinath Atale Science - Atale
- 48] Ku. Rupali Sardarsing Ingle Science - R.S. Ingle
- 49] Ku:- Komal Ashok Bhagat - science Bhagat
- 50] Ku:- Anjali Gajanan Savadalkar - Science A.G. Savadalkar
- 51] Ku. Vaishnavi Vitthal Hiwarakar - science V.V. Hiwarakar
- 52] Ku. Apeksha Vilas Ingle - science A.V. Ingle
- 53] Ku. Nikita Santosh Sonune Science Sonune
- 54] Grayatei Vishnu Patil Science Patil
- 55] Anjali Rameshwar Ingle Science Ingle
- 56] Nutan Vitthal Patil science Patil



Sr. No. Name

Stream: (Sci, Art, Commerce) Sign

- 57) Chaitali Indrasing Ingle Ingle
- 58) Anjali Gajanan Dukare A.G. Dukare
- 59) Rutuja Madan Kale Bakale
- 60) Shivganga Gajanan Salank S.G. Salanki
- 61) Vanshita Dinesh Tayde Tayde
- 62) Sakshi Manohar Ghewande smg
- 63) Mandla Baburao Barde M. Barde
- 64) Renuka Mandhakar Dundiya R. M. Dundiya
- 65] Divya Prakash Dighekar commerce Dighekar
- 66) Megha Gopal Tachav M. Tachav
- 67] Sonal Rajendra Dermane S. Dermane
- 68) Vaishnavi Samadhan Shelke V. Shelke
- 69) Vaishnavi Dnyaneshwar Upase Science Upase
- 70] Ankita Gajanan Zagne Zagne
- 71] Priyanka Laxman More P.L. More
- 72] Sabaravim Shaikh Vajice Shaikh
- 73] Kisan Mungshiram Sathe science K.M. Sathe
- 74] Pranjali Digambar Dhokane science Dhokane
- 75] Rutuja Vijay Tachav science R.V. Tachav
- 76] Kanchan Kishor Salve commerce K. Salve
- 77] Mayuri Madan Khente commerce Khente
- 78] Neha Ramkrushna Rave R. Rave
- 79] Dipali Kisan Katkar Commerce Dipali
- 80] Anurbi Kailas Kathake commerce Anurbi Kathake
- 81] Sakshi Vilas Deshmukh Commerce Sakshi Deshmukh
- 82] Anjali Sheshrao Jumbad Commerce A. Jumbad
- 83] Divya Balaji Deshmane commerce D. Deshmane



Sr.

- 84] Renuka Dilip Sirsat Commerce R.D. Sirsat
- 85] Nikita Ghanashyam Shinde Commerce N. Shinde
- 86] Ku. Pooja Ganesh Deshmare Commerce P. Deshmare
- 87] Ku. Gayatri Uddhav Ingle Commerce G. Ingle
- 88] Vaishnavi Shivashankar Hade Science V. Hade
- 89] Ku. Pallavi Raju Bhutekar Commerce P. Bhutekar
- 90] Tejaswini Rajeev Jadhav Arts T. Jadhav
- 91] Raju Vitthal Kulkarni Arts R. Kulkarni
- 92] Mamata Shailesh Ingle Arts M. Ingle
- 93] Nikita Ajeet Nemate Arts N. A. Nemate
- 94] Nikita Bhujangrao Nikhate Science N. Nikhate
- 95] Mahak Parvin Alim Khan B.S.C.I<sup>st</sup> M. Mahak
- 96] Vaishnavi Santosh Mangulkar B.A.I<sup>st</sup> V. S. Mangulkar
- 97] Chanchal Pramod Dhanve Commerce C. Dhanve
- 98] Tanvi Gulab Bhalekar Arts T. Bhalekar
- 99] Pooja Samadhan Karkle B.S.C.I<sup>st</sup> P. Karkle
- 100] Nikita Gopal Molvande B.S.C.I<sup>st</sup> N. Molvande
- 101] Ku. Pratiksha Ashok Sakhare Commerce P. Sakhare
- 102] Ku. Vaishnavi Vithoba Ghube B.Sc.I<sup>st</sup> V. Ghube
- 103] Ku. Sharada Sanjay Dikare Commerce S. S. Dikare
- 104] Ku. Radha Dnyaneshwar Solankar Arts R. Solankar
- 105] Sanjay Subham Hirwade ~~B.A.I~~ Arts S. S. Hirwade
- 106] ~~Harshad H. S. Singh~~ ~~Harshad H. S. Singh~~ B.A.I<sup>st</sup> H. S. Singh
- 107] Vaibhav Shamrao Gawande BSC-I<sup>st</sup> V. Gawande
- 108] Kartik Dhananjay Pande BSC-I<sup>st</sup> K. Pande
- 109] Rohit Bhagwan Sareode BSC-I<sup>st</sup> R. Sareode
- 110] Karan Raju Suradkar BSC-I<sup>st</sup> K. Suradkar
- 111] Vaibhav Sudam Ugale BSC-I<sup>st</sup> V. Ugale



- 112) Vishal Subhash Raut <sup>BSC I<sup>st</sup></sup> V. Raut
- 113) Bhajwan Dhanard <sup>Indle BSC I<sup>st</sup></sup> Indle
- 114) Vinayak Pratap Bansode <sup>B.S.C I<sup>st</sup></sup> Bansode
- 115) Gaurav Sunil Chaware <sup>B.S.C I<sup>st</sup></sup> Chaware
- 116) Gajendra Rajendra Junde <sup>B. Com</sup> Junde
- 117) Sujal Arinash Santakke <sup>B. Com - I sem</sup> Santakke
- 118) Yash ~~Vish~~ Vijay Sawadatkare <sup>B. Com - I</sup> Sawadatkare
- 119) Aditya Dipak Dighole <sup>[commerce - I]</sup> Dighole
- 120) Rajas Nayan Bondre <sup>[commerce - I]</sup> Bondre
- 121) Piyush Rajesh Deshmukh <sup>[commerce - I]</sup> Deshmukh
- 122) Vaibhav Santosh Gaikwad <sup>[commerce - I]</sup> Gaikwad
- 123) OM Vilas Raut <sup>[B.S.C I]</sup> Raut
- 124) Shivshankar Bhagwat Kapse <sup>[B.S.C I]</sup> Kapse
- 125) Rajendra Arun Hiwale <sup>[B.S.C I]</sup> Hiwale
- 126) Nayan Damodhar Mhalsane <sup>[B.S.C I]</sup> Mhalsane
- 127) Rahul Vijay Sawai <sup>[B.S.C I]</sup> Sawai
- 128) Ganesh Arun Gaikwad <sup>[B.S.C I]</sup> Gaikwad
- 129) Harion Dilip Keshdhole <sup>(BA I)</sup> Keshdhole
- 130) Ritikesh Maruti Ghorpade <sup>[B.S.C I]</sup> Ghorpade
- 131) Gajanan Vishnu Chotke <sup>(BA I)</sup> Chotke
- 132) Yagesh Samadhan Suradkar <sup>(B.S.C - I<sup>st</sup>)</sup> Suradkar
- 133) Pranav Sushil Shete <sup>(B. Com - I<sup>st</sup>)</sup> Shete
- 134) Atharvish Arinash Arulkumar <sup>Arulkumar</sup> Arulkumar
- 135) Karan Ram Wagh <sup>(B. Com - I<sup>st</sup>)</sup> Wagh
- 136) Aditya Sachin Sonune <sup>(B. Com - I<sup>st</sup>)</sup> Sonune
- 137) Vinay Sanjay Sharma <sup>(B. Com - I<sup>st</sup>)</sup> Sharma
- 138) Renuka Raosaheb Deshmukh <sup>(BSC - I)</sup> Deshmukh
- 139) Sakshi Kantilal Hanwate <sup>(B.Sc - I)</sup> Hanwate
- 140) Rupali Ramesh Solanke <sup>(B.S.C - I)</sup> Solanke



- 141> SHUBHAM RAMESH SOLANKI (S) Solanki  
142> Rushikesh Parmeshwar Solanki (R) Solanki  
143> Rushikesh Gajanan Solanki (R) Solanki  
144> om Digambar Tayde (D) Tayde  
145> Yogesh Kishor Gadekar (Y) Gadekar  
146> Gaurav Galabarao Mhaske (G) Mhaske  
147> Pankaj. B. Parihar (P) Parihar  
148> Ghansham Laxman Solanki (G. L.) Solanki  
149> Maheboob Salim Hiniwale (M) Hiniwale  
150> Vaibhav Gajanan Sapkal (V) Sapkal  
151> Shreya Rameshsing Rajput (S) Rajput



## Botany Program Specific Outcome Display on Board

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE AND ARTS  
COLLEGE, CHIKHLI**



॥ ज्ञानं परमं ध्येयम् ॥

### Programme Specific Outcomes : B.Sc. Botany

1. Identify and become familiar with the scope, methodology and application of modern Botany and learn to appreciate its ability to explain various aspects.
2. Understand theoretical and practical concepts of instruments that are commonly used in practical of Botany.
3. Design and carry out scientific experiments and record the results of such experiments.
4. Understand safety use of instruments like autoclave, laminar air flow etc, and how they are applicable in botanical study in various fields.
5. It explains how botany is useful for social, economic and environmental problems and issues facing our society regarding pollution, toxic food, energy, medicine and health etc.



**SCAN ME**



## Zoology Program Specific Outcome Display on Board

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE AND ARTS  
COLLEGE, CHIKHLI**



|| ज्ञानं पदं ध्येयम् ||

### Programme Specific Outcomes : B.Sc. Zoology

1. Identify and become familiar with the scope, methodology and application of modern zoology.
2. Demonstrate a broad understood of animal diversity, including knowledge of the scientific classification and evolutionary relationships of major groups of animals.
3. Characterize the biological, chemical, and physical features of environments (e.g., terrestrial, freshwater, marine, host) that animals inhabit. Explain how animals function and interact with respect to biological, chemical and physical processes in natural and impacted environments.
4. Perform laboratory procedure with suitable techniques in Histology, Physiology, Genetics, Cytology, Molecular Biology and environmental biology.
5. Explain how organisms function at the level of the gene, genome, cell, tissue, organ and organ-system. Drawing upon this knowledge, they are able to give specific examples of the physiological adaptations, development, reproduction and behavior of different forms of life.
6. Understand the applied biological sciences or economic Zoology such as Vermiculture, Sericulture, Apiculture, Aquaculture and Immunology to empower the students.



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## Microbiology Program Specific Outcome Display on Board

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE AND ARTS  
COLLEGE, CHIKHLI**



|| ज्ञानम् वन्द्यम् ||

### Programme Specific Outcomes : B.Sc. Microbiology

1. Identify and become familiar with the scope, methodology and application of Microbiology and learn to appreciate its ability to explain various aspects.
2. Understand theoretical and practical concepts of instruments that are commonly used in practical of Microbiology.
3. Design and carry out scientific experiments and record the results of such experiments.
4. Understand safety use of instruments like Autoclave, Laminar air flow, Centrifuge, Photoelectric colorimeter etc., and how they are applicable in Microbiological study in various fields.
5. It explains how Microbiology and Microorganisms are useful for social, economic and environmental problems and issues facing our society regarding pollution, toxic food, energy, medicine and health etc.



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## Chemistry Program Specific Outcome Display on Board

Professor & Head  
**DR. GAJANAN DONGARE**  
M.Sc B Ed, SET, Ph D

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE AND ARTS  
COLLEGE, CHIKHLI**



॥ ज्ञानं पदं ध्येयम् ॥

### Programme Specific Outcomes : B.Sc. Chemistry

1. Gain the knowledge of chemistry through theory and practical's.
2. To explain nomenclature, stereo chemistry, structures, reactivity and mechanism of chemical reactions.
3. Identify chemical formulae and solve numerical problems.
4. Use modern chemical tools, models, chem-draw, charts and equipment's.
5. Know structure activity relationship.
6. Understand good laboratory practices and safety
7. Develop research oriented skills.
8. Make aware and handle the sophisticated instruments, equipment's.



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## Electronics Program Specific Outcome Display on Board

### Shri Shivaji Education Society, Amravati's SHRI SHIVAJI SCIENCE AND ARTS COLLEGE, CHIKHLI



|| ज्ञानं पञ्च ध्येयम् ||

#### Programme Outcomes : B.Sc. Electronics Science

1. Utilize the basic knowledge in Electronics science.
2. Identify electronic components and ICs.
3. Design system components that meet the requirement of public safety and offer solutions to the societal and environmental concerns.
4. Apply research based knowledge to design and conduct experiments.
5. Construct, choose and apply the techniques, resources and modern electronics tools required for Electronics applications.
6. Apply the contextual knowledge to assess societal, health, safety and cultural issues and endure the consequent responsibilities relevant to the professional electronics practice.
7. Examine the impact of electronics solutions in global and environmental contexts and utilize the knowledge for sustained development.
8. Develop consciousness of professional, ethical and social responsibilities as experts in the field of Electronics and Communication.
9. Perform effectively as a member/leader in multi disciplinary teams.
10. Demonstrate resourcefulness for contemporary issues and lifelong learning.



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## Marathi Program Specific Outcome Display on Board

M.A., Ph.D.  
Asst. Prof. & Head

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE AND ARTS  
COLLEGE, CHIKHLI**



|| डॉनल्ड पर्सन व्हेयन् ||

### Programme Specific Outcomes : B.A. Marathi

1. Create an interest in literature.
2. Availing the job opportunities in translation, transformation and Media.  
PSO3: Developing the language.
3. Increasing the critical attitude about literature studies.
4. Understand the interrelation between literature and society.
5. Understand the nature of language and literature.
6. Contemporary writers, poets understand the flow of thought.



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कृपया  
बुट, चप्पल  
येथे काढा.





## Computer Science Program Specific Outcome Display on Board


Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE AND ARTS  
COLLEGE, CHIKHLI**



|| ज्ञानम् परम् धैर्यम् ||

**Programme Specific Outcomes : B.Sc. Computer Science**

1. Understand the computer hardware and software.
2. Use the knowledge of software installation.
3. Select modern computing tools and techniques for programming task.
4. Identify, analyse, formulate and develop computer-based solutions to meet desired needs within realistic constraints.
5. Develop databases and perform operations on them.
6. Identify research and development areas in multiple disciplines.
7. Design and develop the small web applications.



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## B.Com. Program Specific Outcome Display on Board

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**SHRI SHIVAJI SCIENCE AND ARTS  
COLLEGE, CHH**



|| ज्ञानं परमं श्रेयम् ||

### Programme Specific Outcomes : B.Com.

1. Completing a degree of B.Com. a student acquires entrepreneur, accounting, managerial, statistical, auditing, income tax and communication skill.
2. A student gains knowledge regarding various economic concepts, monetary system.
3. A student can also gain information technology and computer software knowledge such as MS. Word, MS. Excel, MS. Power Point, Tally and designing webpage though HTML.
4. A student can gain good knowledge about e-commerce.




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## History Program Specific Outcome Display on Board


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|| ज्ञानं परमं धनम् ||

### Programme Specific Outcomes : B.A. History

1. To develop the interest in the study of history and relating activity.
2. Understand the history of India and modern World.
3. Develop the ability to think critically and historically when discussing the past
4. Develop the ability to distinguish between fact and fiction.
5. Explain what influence the past has on the present.
6. Understand the importance of communal unity for country.
7. Understand the background of our religion, custom and diversity of country.
8. Critically recognize the Social, Political, Economic, religious and cultural aspects of History.
9. Understand the difference between democracy and dictatorship.




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## Political Science Program Specific Outcome Display on Board

Shri Shivaji Education Society, Amravati's  
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COLLEGE, CHIKHLI**





|| ज्ञानं पुरुषं धेयम् ||

**Programme Specific Outcomes : B.A. Political Science**

1. To understand the basic structure of Indian political system.
2. To Inculcate interest in political field.
3. To create the leadership qualities in students.
4. To understand Indian governing system.

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