



ShriShivaji Education Society Amravati's

SHRI SHIVAJI SCIENCE AND ARTS COLLEGE

Chikhli, Dist. Buldana- 443201.

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

ISO: 9001-2015

Dr. Meena T. Nikam
Officiating Principal

Hon'ble Shri Harshvardhan P. 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
Shri Shivaji Science & Arts
College, Chikhli, Dist. Buldana

www.ssesa.orgwww.shivajichk.ac.in

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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 worshiping the photos of Chhatrapati Shivaji Maharaj, Doctor Punjabrao Upadhyaya Bausaheb Deshmukh, Dalitmitra Pandharinath Patil and late R. D. Bhone 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 28th 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.

Sl. No	Name of Students	Stream	Page : Date : Signature
			(Scie, Arts, Comm)
1)	Anjali Shivprasad Thosare	Science	<u>Thosare</u>
2)	Gayatri Ramesh shelke	Science	<u>shelke</u>
3)	Saiika Anil yeole	Science	<u>Yeole</u>
4)	Nikita Vinodsing Jadhao	Science	<u>N.V. Jadhao</u>
5)	Gayatri Gopalrao Deshmukh	Science	<u>Deshmukh</u>
6)	Dipti Agravind Jadhao	Science	<u>D.A. Jadhao</u>
7)	Srushti Ganesh kale	Science	<u>Kale</u>
8)	Rohini Gajanan Patilkar	Science	<u>Patilkar</u>
9)	Mayuri Dnyaneshwar chinhole	science	<u>chinhole</u>
10)	Pearali Padeep mule	Science	<u>Mule</u>
11)	Dnyaneshwari Vishnu Bhawde	Science	<u>Deep</u>
12)	Gayatri Gajanan Umbarkar	science	<u>Umbarkar</u>
13)	Divya Madhav Solanke	Science	<u>Solanke</u>
14)	Pallavi Kautik Dokhande	Science	<u>Dokhande</u>
15)	Vaishnavi Pandharinath Hoge	Science	<u>V.P. Hoge</u>
16)	Poonam Santosh shelke	science	<u>P.S. shelke</u>
17)	Gayatri Rajendra Joshi	Science	<u>G.R. Joshi</u>
18)	Sakshi Dnyaneshwar wagh	science	<u>Swagh</u>
19)	Komal Eknath Wagh	Science	<u>K.E. Wagh</u>
20)	Sanskuti Santosh kulkhe	Science	<u>Kulkhe</u>
21)	Pooja Datta Mukhmale	Science	<u>Pankhale</u>
22)	Saheli Santosh Gondhane	Science	<u>S.S. Gondhane</u>
23)	Srushti Nitin Peekar	Science	<u>Peekar</u>
24)	Amrita Shivnarayan Gupta	science	<u>Raj</u>
25)	Radha Patalhad Gavali	Asf	<u>PPGavali</u>
26)	Vishakha Peakash Giawai	Science	<u>Giawai</u>
27)	Nikita Ganesh Samant	Science	<u>Nikita</u>
28)	Vaishnavi Vishnu Shete	science	<u>Shete</u>

29) Jaysheee Peakash Bhutekar science J.P. Bhutekar

30) vidya Narendra paturkar science V.N. Paturkar

31) Aarti Raju Ingle science ~~Ingle~~

32) suhani Rajesh kudke sciences 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 Diwip Gadekar science S.D. Gadekar

39) Pratima Kashinath Gawai Aarti ~~Gawai~~

40) Komal Aman Gawai Aarti ~~Gawai~~

41) Sakshi vishnu Jadhav science S.V. Jadhav

42) Poonam Tulshidas Purirao science ~~Purirao~~

43) Ku.-Ashvini Vinayak Yevale science A.V. Yevale

44) Ku.-Nutan Nandkishor shelke science ~~shelke~~

45) Ku. Pratibha Ankush Surushe -science ~~Surushe~~

46) Ku. Ankita Ravindra Khandagale -science -A.R. Khandagale

47) Ku. Vaishnavi Pandharinath Atole -science -~~Atole~~ ~~Atole~~

48) Ku. Rupali Sardarsing Ingle -science -R.S. Ingle

49) Ku.-Komal Ashok Bhagat - science ~~Bhagat~~

50) Ku.-Anjali Gajanan Savadkar science A.G. Savadkar

51) Ku. Vaishnavi Vitthal Hiwarkar science V.V. Hiwarkar

52) Ku. Apeksha Vilas Ingle - science ~~A.V. Ingle~~

53) Ku. Nikita Santosh Sonune science ~~N.S. Sonune~~

54) Grayati Vishnu Patil. science ~~G.Patil~~

55) Anjali Rameshwar Ingle science ~~R.Ingle~~

56) Nutan Vitthal Patil science ~~N.Patil~~

57) Chaitali Indrasing Ingle ingle
58) Anjali Gujanan Dukare A.G. Dukare
59) Rutuja Madan Icate Icate
60) Shivganga Gajanan Salanki S.G. Salanki
61) Vanashita Dina Tayde Tayde
62) Sakshi Manohar Ghewande smg
63) Manda Baburao Barde M. Barde
64) Renuka Mandhukar Dandiyar R. m. Dandiyar
65) Divya Prakash Dighekar commerce Divya
66) Megha Gopal Jadhav M. Jadhav
67) Sonal Rajenecha Devmane S. Devmane
68) Vaishnavi Samadhan Shelke V. Shelke
69) Vaishnavi Dnyaneshwar Upase Science V. Upase
70) Ankita Gajanan Zagni A. Zagni
71) priyanka Laxman More P.L. More
72) Sabapavim Shaikh S. Shaikh
73) Kieran mungshiram sathe science K.m. sathe
74) Pranali Digambar Dhokane science P. Dhokane
75) Rutuja vijay Jadhao science R.V. Jadhao
76) Kanchan Kishore Salve commerce K. Salve
77) Mayuri Madan khente commerce M. khente
78) Neha Ramkrushna Rave N.R. Rave
79) Dipali Kisan Kulkarni commerce D. Kulkarni
80) Grauni Kailas Kathake commerce G. Kathake
81) Sakshi Vilas Deshmukh commerce sakshi Deshmukh
82) Anjali Sheshrao Jumbad commerce A. Jumbad
83) Divya Boleji Deshmame commerce D. Deshmame

84) Renuka JiliP sirsat commerce R.D.sirsat

85) Nikita Ghanshyam shinde commerce N.Kinde86) ku. Pooja Ganesh Deshmane commerce Pdeshmane87) ku. Gayatri Uddhav Ingle commerce Gingle88) Vaishnavi shivashankar Hade science V.Hade89) ku. Pallavi Raju Bhutekare commerce Pbhutekare90) Tejaswini Rajeev Jadhav A.Y. T.Jadhav91) Kajal vitthal kulkar Aets K.vitthal92) Mamata Shailesh Ingole Aets M.Ingole

93) Nikita aejun Nemade Aets N.A. Nemade

94) Nikita Bhujangrao Nikhate science N.BNikhate95) Mahek Parvin Alim Khan B.S.C.Ist Mahek96) Vaishnavi Santosh mangulkar B.A. Ist V.S.mangulkar97) Chanchal Pramod Dhanve commerce Chanchal98) Tanvi Girulab Bhalekar Aets Bhalekar99) Pooja Samudhun Karle B.S.C.Ist P.Karle100) Nikita Gopal molvande B.S.C.Ist Niky101) ku. pratiksha Ashok Sakhare commerce Pratiksha102. ku. Vaishnavi Vithoba Ghube B.Sc.Ist Ghube103) ku. sharad Sanjay Dukare commerce S.S.Dukare104) ku. Radha Dnyaneshwar Solankar Aets Radha105) Sanjiv subham Hirwale ~~Aets~~ Aets S.S.Hirwale106) Hemlata Hatosingh ~~sup.kar~~ B.A.Ist H.m.hatosingh107) Vaibhav Shamdev Gawande BSC-Ist V.S.Gawande108) Kaetik Dhananjay Pande BSc. 1st K.D.Pande109) Rohit Bhagwan Sareode BSc. 1st R.B.Sareode110) Karan Raju suradkar BSc 2th K.R.S111) Vaibhav Sudam Ugale BSc-1th V.Ugale

112) Vishal subhash Raut ^{BSC-Ist} ~~BS Recd~~

113) Bhardwaj Dinesh ^{1st} ~~Ind 1st BSC-Ist 2nd Ind 1st~~

114) Vinayak Paatap Bansode B.S.C-Ist ~~1st Panache~~

115) Gaurav Sunil Chawathe B.S.C-Ist ~~1st Gaurav~~

116) Gajendra Rajendra Jumde B.Com ~~1st Gajendra~~

117) Sujeet Avinash Santukke B.Com - I sem ~~Santukke~~

118) Yash Vishalijay Sawadatkor B.Com-I ~~Yash~~

119) Aditya Dipak Dighole [commerce-I] ~~Aditya~~

120) Rajas Nayan Bondre [commerce-I] ~~Rajas~~

121) Piyush Rajesh Deshmukh [commerce-I] ~~Piyush~~

122) Vaibhav Santosh Gaikwad [commerce-I] ~~Us Gaikwad~~

123) OM Vilas Raut [B.S.C-I] ~~Om~~

124) Shivshankar bhagwat Kapse [B.S.C-I] ~~Kapse~~

125) Rajendra Aun Hiwale [B.S.C-I] ~~Hiwale~~

126) Nayan Damodhar Mhalsane [B.S.C-I] ~~Nayan Mhalsane~~

127) Rahul viraj Sawale [B.S.C-I] ~~Rahul Sawale~~

128) Ganesh Aun Gaikwad [B.S.C-I] ~~Ganesh~~

129) Harish Dilip Kondhale (BA-I) ~~Harish~~

130) Ritikesh Morati Ghopade [B.S.C-I] ~~Ritikesh~~

131) Gajanan Vishnu chotthe (BA-I) ~~Gajanan~~

132) Yogesh Samadhan Suradkar (B.S.C-Ist) ~~Yogesh~~

133) Pranav Sushil Shete (B.Com-Ist) ~~Pranav~~

134) Atharvesh Arinash Arulkumars ~~Arulkumars~~

135) Karan . Ram . Wagh (B.Com-1st) ~~Karan~~

136) Aditya Sachin Sonune (B.Com-1st) ~~Aditya~~

137) Vinay Sanjay Sharma (B.Com-1st) ~~Vinay~~

138) Renuka Raosaheb Deshmukh (BSC-I) ~~Renuka~~

139) Sakshi Kanlal Hanwale (B.Sc.-I) ~~Sakshi~~

140) Rupali Ramesh Solanke (B.Sc-I) ~~Rupali~~

141) SHUBHAM RAMESH SOLANKI (S)alanki

142) Rushikesh parmeshwar solanki (R)alanki

143) Rushikesh Gajanan solanki (R)alanki

144) om Digambar Tayde D

145) Yogesh kishor gadekar (Y)ogesh

146) Gaurav Galaberao Mhaske Gmhaske

147) Pankaj. B. Parikh (P)arikh

148) Ghansham Laxman solanki G L. solanki

149) Maheboob salim Hinwale Maheboob

150) Vaibhav gajanan Sapkal Deepak

151) Shareya Rameshsing Rajput (R)ajput

Botany Program Specific Outcome Display on Board

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COLLEGE, CHIKHLI**



॥ ज्ञानम् परम् 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

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COLLEGE, CHIKHLI**



॥ ज्ञानम् परम् व्यवहारः ॥

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.



SCAN ME

Microbiology Program Specific Outcome Display on Board

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COLLEGE, CHIKHLI**



11. OTHER TEACHING 11

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.



SCAN ME

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
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COLLEGE, CHIKHLI



॥ श्री शिवाजी एज्युकेशन सोसायटी ॥

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

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|| लानम् परम् 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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PO	Subject	Faculty	Date	Year	Page	
45	Safety in Construction	Prof. Alok K. Malhotra	ITG	January 25, 2023	March 24, 2023	Page 1
46	Expansive Soil	Prof. Indra Biva Rangari Gandhi	ITG	January 25, 2023	March 26, 2023	Page 1
47	Construction Methods And Equipment Management	Prof. Ravindra Gaitonde	ITM	January 25, 2023	March 26, 2023	Page 1
48	Introduction to Civil Engineering Profession	Prof. Sathishrao Deshpande	ITK	January 25, 2023	March 26, 2023	Page 1
49	Natural Hazards	Prof. N. N. Acharya	ITM	January 25, 2023	March 26, 2023	Page 1
50	Basics of Lean Construction (Module 1 - Lean Baseline)	Prof. Kasthy Verghese (Dr. Rakesh Patel)	ITM	January 25, 2023	March 26, 2023	Page 1
51	Electronic Waste Management - Issues And Challenges	Prof. Balakumar Dulay	ITKGP	January 25, 2023	March 26, 2023	Page 1
52	Data Spatial Analysis in Urban Planning	Prof. Saket Kumar Patel	ITNSP	January 25, 2023	March 26, 2023	Page 1
53	Scheduling Techniques in Projects	Prof. J. Uma Maheshwari	ITG	January 25, 2023	March 26, 2023	Page 1

Marathi Program Specific Outcome Display on Board

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

Shri Shivaji Education Society, Amravati's
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|| शासक प्रमाण अधिकार ||

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

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Programme Specific Outcomes : B.Sc. Computer Science

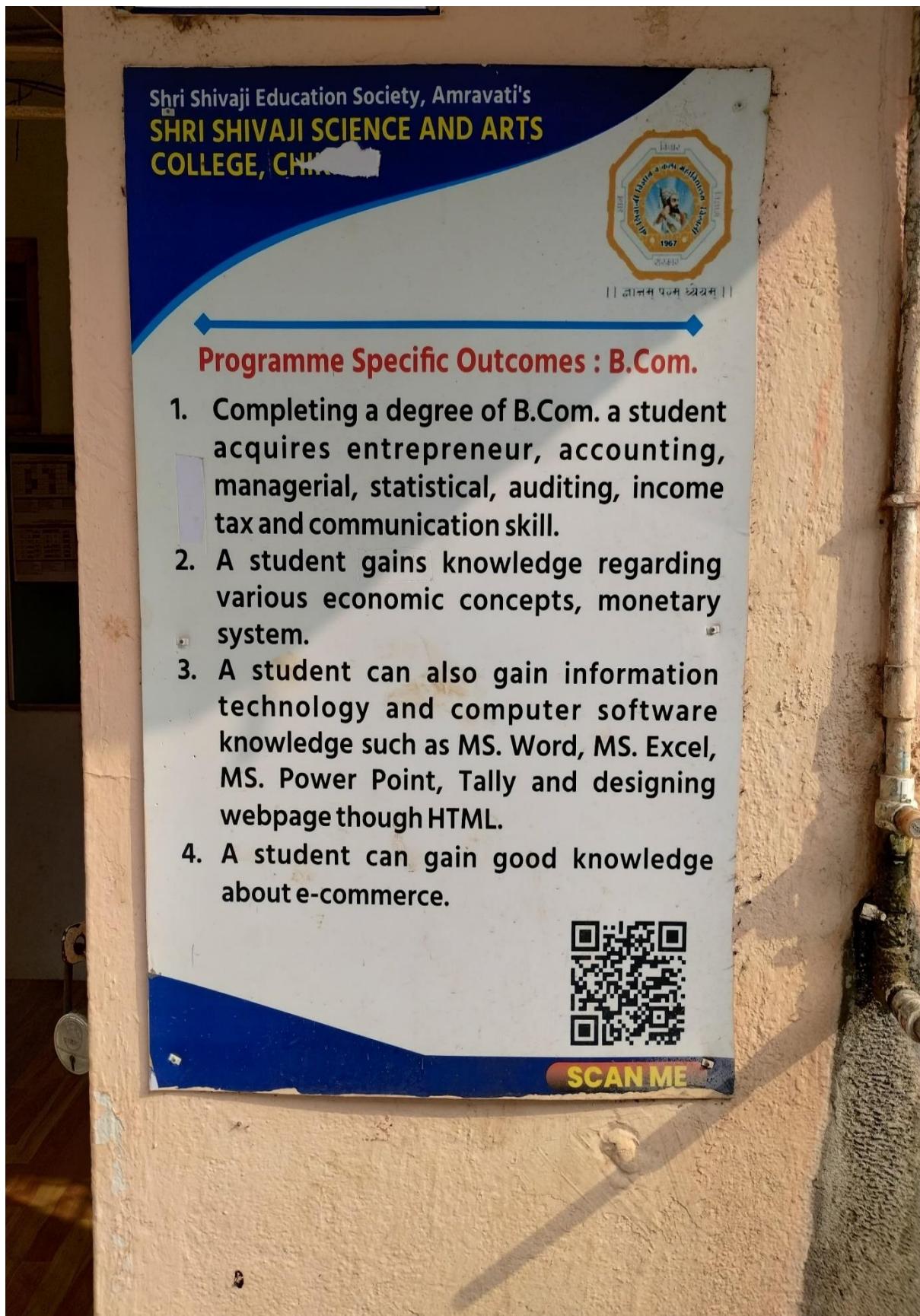
1. Understand the computer hardware and software.
2. Use the knowledge of software installation.
3. Select modern computing tools and techniques for programming task.
4. Identify, analyse, formulate and develop computer-based solutions to meet desired needs within realistic constraints.
5. Develop databases 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



History Program Specific Outcome Display on Board

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॥ ज्ञानम् यज्ञम् विद्यम् ॥

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

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1967

श्री शिवाजी विज्ञान एवं कला विधायक संस्कारण

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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