Shri Shivaji Education Society Amravati's

SHRI SHIVAJI SCIENCE AND ARTS COLLEGE

Chikhli, Dist. Buldana- 443201.

NAAC Reaccredited with 'B^{++}' Grade (CGPA 3.0)

ISO: 9001-2015

Dr. Meena T. Nikam	Hon'ble Shri Harshvardhan P. Deshmukh
Officiating Principal	President

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

Content

1. E-Content
2. Internal Audit of Department

Dr. V. U. Pochhi
Coordinator
IQAC,Shri Shivaji Sci.& Arts
College,Chikhli Dist.Buldana

PRINCIPAL
Shri Shivaji Science & Arts
College, Chikhli, Dist Buldana

E-Content Development

Department: English

B. Com. Sem. I, III and V

Name of the Teacher: Dr. Jukkalkar Syed Imtiaz

Sr. No.	Development of e-Content in 4 quadrants	Compulsory English, B. Com III Sem. V	Details of Online Lectures Conducted on Zoom & LMS Platform
1.	**B. Com. Sem. V Quadrant I U Tube Video Lectures**	Prose: 1. Ratan Tata https://www.youtube.com/watch?v=7bfrBJgg46U https://www.youtube.com/watch?v=lZk3v0YQezI	**Details**
			Join Zoom Meeting https://us04web.zoom.us/j/2024089197?pwd=cnNGN25ibmQ5Z2 1idWR2SnhSbHgyQT09 Meeting ID: 202 408 9197 Passcode: 786786
		2. Vijay Bhatkar https://www.youtube.com/watch?v=Pxy	
		3. Black Money And The Black Economy https://www.youtube.com/watch?v=YR2	
		Poetry : A Red Red Rose https://www.youtube.com/watch?v=7u6	https://class.ssesa.live/b/dr--dvg-4cn
		2. It is needless to … https://www.youtube.com/watch?v=7J4	https://class.ssesa.live/b/dr--b2c-h1j
		3. Love's Philosophy https://www.youtube.com/watch?v=Yw	https://class.ssesa.live/b/dr--cek-qqa
		4. The Garden https://www.youtube.com/watch?v=WA-I48eqg8k	Join Zoom Meeting https://us04web.zoom.us/j/78770180884?pwd=VEk5YTc4eWVG aTZUc2UvcGxUTWRsQT09 Meeting ID: 787 7018 0884 Passcode: u0ZF8m
		Communication Skills	Join Zoom Meeting https://us04web.zoom.us/j/71073874877?pwd=U0NncU9kZktwb E5qcHhGbitzbWhzZz09 Meeting ID: 710 7387 4877 Passcode: YM5aY6
		1. Computer Technology And Recent Concepts In Business	
		2. Public Speaking https://www.youtube.com/watch?v=1U	

		https://www.youtube.com/watch?v=IH6xX5VVcSs	
	Quadrant II e-content Notes Uploaded on Google Classroom	B. Com. III Class code 7zu2hge	Join Zoom Meeting https://us04web.zoom.us/j/71075079135?pwd=dzl6dHd3Z21iSG1 oSThSdjNQV21qdz09 Meeting ID: 710 7507 9135 Passcode: r782FT
	Quadrant Assessment MCQ Questions Uploaded on Google Classroom	B. Com. III Class code 7zu2hge	Join Zoom Meeting https://us04web.zoom.us/j/79454495838?pwd=TER4K2Q5L201 Wll4cWdyU3VJRVBwQT09 Meeting ID: 794 5449 5838 Passcode: xD6URX
	Quadrant IV Discussion	Discussion related to the problems and queries was organized on line on Zoom Portal	Join Zoom Meeting https://us04web.zoom.us/j/73210084919?pwd=OThjYUdRQWM3 QVF2dFRCNFVhL2JnQT09 Meeting ID: 732 1008 4919 Passcode: 597kSu
2.	**Quadrant I U Tube Video Lectures**	**Compulsory English, B. Com II Sem. III**	
		Prose : 1. Travel By Train https://www.youtube.com/watch?v=b4ZvXHN1Ksc https://www.youtube.com/watch?v=b9NH28lQnx0	Join Zoom Meeting https://us04web.zoom.us/j/2024089197?pwd=cnNGN25ibmQ5Z2 1idWR2SnhSbHgyQT09 Pass: 786786 Id: 202 408 9197
		2. Two Gentlemen of Verona https://www.youtube.com/watch?v=UfZue09FrKw	https://class.ssesa.live/b/dr--b2c-h1j
			https://class.ssesa.live/b/dr--k7m-ogf
		3. Go! Kiss The World https://www.youtube.com/watch?v=9DQooZHr7D8	https://class.ssesa.live/b/dr--dvg-4cn
			Join Zoom Meeting

		4. The Struggle For An Education Up From Slavery : An Autobiography https://www.youtube.com/watch?v=_BVNOhIYz8I	https://us04web.zoom.us/j/77264784493?pwd=MUh6eTl2RXFBU lJ0cWlBZFVkZmtTUT09 Meeting ID: 772 6478 4493 Passcode: R8haDb
		Communication Skill https://www.youtube.com/watch?v=S7C4e-D6JAk https://www.youtube.com/watch?v=kuUo5U-oupA	Join Zoom Meeting https://us04web.zoom.us/j/78615157300?pwd=cng0KzAzY1ZvM 0N1aWQyd3FyQXpnUT09 Meeting ID: 786 1515 7300 Passcode: VyaB6x
	Quadrant II e-content Notes Uploaded	B. Com. II Sem. III and IV Class code zrvbwrq	Join Zoom Meeting https://us04web.zoom.us/j/73717086031?pwd=aTFpdWlmY3hLL zUzQjJtRjRjQU5FQT09 Meeting ID: 737 1708 6031 Passcode: 12fUtb
	Quadrant Assessment MCQ Questions Uploaded on Google Classroom	B. Com. II Sem. III and IV Class code zrvbwrq	Join Zoom Meeting https://us04web.zoom.us/j/79202072767?pwd=NHMvMU1YeDhI SGFZYVVuakpxYTllZz09 Meeting ID: 792 0207 2767 Passcode: 6iVtZB
			Join Zoom Meeting https://us04web.zoom.us/j/73834295231?pwd=NHJqVzFENElPT GtpQ3ZQQzltTHhxZz09 Meeting ID: 738 3429 5231 Passcode: dMz7T8

			Join Zoom Meeting https://us04web.zoom.us/j/76521592235?pwd=VGZsejUwdHZG VEdzcm5xUk9MdUF2QT09 Meeting ID: 765 2159 2235 Passcode: 9jiAa9
3.		**Compulsory English, B. Com. I Sem. I**	
	Quadrant I U Tube Video Lectures	Nil	Join Zoom Meeting https://us04web.zoom.us/j/74329622994?pwd=MzFZZE9nTS85d nhWN1hFWmk1R2RSQT09 Meeting ID: 743 2962 2994 Passcode: 1234V
	Quadrant II e-content Notes Uploaded on Google Classroom	B. Com. I Class code mx43wrh	
	Quadrant III Assessment MCQ Questions Uploaded on Google Classroom	B. Com. I Class code mx43wrh	Join Zoom Meeting https://us04web.zoom.us/j/2024089197?pwd=cnNGN25ibmQ5Z2 1idWR2SnhSbHgyQT09 Meeting ID: 202 408 9197 Passcode: 786786
			Join Zoom Meeting https://us04web.zoom.us/j/75474150084?pwd=Z1JNb2RNK3VyV EtwMVdabjlyQUJlZz09 Meeting ID: 754 7415 0084 Passcode: 7KSXzP
			Join Zoom Meeting https://us04web.zoom.us/j/78703278019?pwd=Rk9WaUgzVU83 YUVBUTZJZG8rSisxZz09 Meeting ID: 787 0327 8019 Passcode: 6WBRVj

B. Com. Sem. II, IV And VI (2020-21)

Sr. No.	Development	Compulsory English, B. Com III Sem. V	Details of Online Lectures Conducted on Zoom & LMS Platform
1.	B. Com. Sem. VI	Unit I : Prose	**Details** Join Zoom Meeting https://us04web.zoom.us/j/2024089197?pwd=cnNGN25ibmQ5Z21idWR2SnhSbHgyQT09 Meeting ID: 202 408 9197 Passcode: 786786
		1. Sundar Pichai	
		2. Mallika Srinivasan	
		3. Muhammad Yunus	
		4. Introduction to the Right to Information Act,2005 By Pralhad Kachare	
		Unit II : Poetry	
		1. All the World's a Stage - William Shakespeare	
		2. How do I love thee? – Elizabeth Barrett Browning	
		3. The Duck and the Kangaroo- Edward Lear	
		4. To Autumn - John Keats	
		Unit III : Communication Skills	Join Zoom Meeting https://us04web.zoom.us/j/2024089197?pwd=cnNGN25ibmQ5Z21idWR2SnhSbHgyQT09 Meeting ID: 202 408 9197 Passcode: 786786
		1. Employability Skills	
		2. Advertising	
2.	B. Com. Sem. IV		Join Zoom Meeting https://us04web.zoom.us/j/2024089197?pwd=cnNGN25ibmQ5Z21idWR2SnhSbHgyQT09 Meeting ID: 202 408 9197 Passcode: 786786
		Unit I : Prose 1. The Town Week - E. V. Lucas https://www.youtube.com/watch?v=SqfwNjFxXt4	
		2. Florence Nightingale -Lytton Strachey https://www.youtube.com/watch?v=SYm9PVgxmZA	
		3. The Gift of Magi – O. Henry	

		https://www.youtube.com/watch?v=eS-8Qv7H4O4	
		4. Three Hermits – Leo Tolstoy https://www.youtube.com/watch?v=Wnv20rTFpn8	
		Unit II : Poetry 1. On His Blindness –John Milton	Join Zoom Meeting https://us04web.zoom.us/j/2024089197?pwd=cnNGN25ibmQ5Z21idWR2SnhSbHgyQT09 Meeting ID: 202 408 9197 Passcode: 786786
		2. Solitude - Alexander Pope	
		3. Still I Rise – Maya Angelou https://www.youtube.com/watch?v=2xr8lNee_lM	
		4. Money Madness – D. H. Lawrence **Unit III : Communication Skills** 1. Interview And Interviewing Skills	
		2. Meeting Skills	
		3. Nonverbal Communication	
3.	**B. Com. I Sem. II**	**Unit I : Prose** 1. Each is Great in His Own Place - Swami Vivekanada https://www.youtube.com/watch?v=P0I8YwBoIz0	
		2. The Postmaster -Rabindranath Tagore https://www.youtube.com/watch?v=nTFAFpPvxcQ	
		3. How I Become a Public Speaking -G. B. Shaw https://www.youtube.com/watch?v=AAVDsUHWcWI	
		4. Prospects of Democracy in India https://www.youtube.com/watch?v=-iDuVZ-Nklg	
		Unit II : Poetry 1. Success is Counted Sweetest -Emily Dickinson https://www.youtube.com/watch?v=u-0ohzcoTro	
		2. Laugh And Be Merry -John Masefield https://www.youtube.com/watch?v=f54U13xpMBs	

Department of Botany

Sr. No.	Name of the Faculty	Link of E-content
1)	Dr. V. U. Pochhi	• https://www.slideshare.net/DrVanitaPochhi (Slide Share)
2)	Mr. M. D. Kolte	• https://www.slideshare.net/MukundaKolte (Slide Share)
3)	Mr. D. L. Gavande	• https://www.slideshare.net/DilipGavandepatil (Slide Share)

Department of Chemistry

Sr. No.	Name of the Faculty	Link of E-content
1)	Prof. S. S. Kale	Quantum RUN https://www.youtube.com/channel/UCv8Z-N_TIADmcysr90yEa9A
2)	Dr. Ganesh Thorat	https://www.youtube.com/channel/UCiQb6ikptY7JqcLsS p_iO8w
3)	Ku. T. S. Shrirame	• https://www.youtube.com/playlist?list=PLAHA-4zwsL0mzzP9d5WHWz_GREP1fqIH3 • https://www.youtube.com/playlist?list=PLAHA- 4zwsL0lgDPv-WUBkKtFxbEUJ707y

Department of Physics

Sr. No.	Name of the Faculty	Link of E-content
1)	Mr. N. B. Thakare	https://youtu.be/Udn99ekITIU

2)	Dr. V. B. Huse	https://www.youtube.com/channel/UClsTN0gq41IRRngQwehY34A
3)	Dr. Dhananjay N. Bhoyar	• https://www.youtube.com/channel/UCLEYB8syHn_KL1SPmcYxzgg • https://sites.goo gle.com/d/1h8fis 7Vm8DmHcyR MC2NoH3U2ju RjPes-/p/1mjf7Km8PH y0XEwxdXXKh azMySEhHPia W/edit
4)	Dr. P. P. Padghan	https://sites.goo gle.com/view/pr afullpadghan/home
5)	Dr. Pallavi Baswaraj Nalle	https://www.youtube.com/ channel/UC2Wa2znVK-fYPru7D6o7XSQ

Department of Computer Science

Sr. No.	Name of the Faculty	Link of E-content
1)	Dr. Mukti Jadhav	https://youtu.be/_SCmv2vZJ3M

Department of Zoology

Sr. No.	Name of the Faculty	Link of E-content
1)	Dr. V. M. Hemke	https://scholar.g oogle.com/citati ons?user=kzcA0 8YAAAAJ&hl=en
2)	Dr. Rajendra B. Gade	https://youtu.be/QMX8rVplTYU https://youtu.be/YpT0Qfah4II https://youtube.com/shorts/0z9BThY 0HD4?feature=share

Department of Economics

Sr. No.	Name of the Faculty	Link of E-content
		https://youtu.be/zEX1PK2Lljk https://youtu.be/MZXfJBKmSqc https://youtu.be/Hbq3AKm2h74 https://youtu.be/YSfqRIt5IUE

1)	Dr. S. M. Kalakhe	https://youtu.be/SGmjTIcelcc https://youtu.be/7LWPLZyJK0U https://youtu.be/grHqnbhTZH8 https://youtu.be/VMQr9Iyecl0 https://youtu.be/HReCHtXSNy4

College Web Site

https://www.youtube.com/results?search_query=Shivaji+Senior+college+chikhli

Internal Academic Audit of the Departments

An Academic Audit is an integral part of the dynamics of higher education to achieve and maintain academic excellence. The Academic Audit encourages a culture of continuous evaluation and quality improvement with sustenance of best practices of the different academic programmes.

Purpose of Academic Audit:

1. To promote self-improvement measures among all departments Internal Academic Audit was carried out by IQAC.
2. To conduct quality checks on different activities undertaken in all departments.
3. To Pramote adaptation of best practices.

Scope of Academic Audit:

The departments are expected to have developed a Strong outcome-based approach in teaching learning. The Audit team will assess the activities involved in developing learning outcomes, design and development activities in curriculum, teaching learning process, student learning assessment process and student engagement programs.

Modalities-

The IQAC conducts academic audits of all departments. IQAC prepared committee to conduct the Academic Audit of all Departments. Principal was the Chairman, IQAC Co- ordinator and senior most Faculties is the member of the Committee. The Committee prepared the format for Audit. It is distributed to the departments and Visit Schedule to assess the concerned activities is planned. The format includes the information like number of teachers, number of Students, programme offered Analysis of Result, academic activities conducted, Research paper published Extension activities, best practices etc. After completion of Internal Academic Audit Suggestions are communicated to the department for the improvement and corrective measures.

Internal Audit Report 2023-2024

Internal Academic Audit of Departments was conducted from 05/03/2024 to 14/03/2024. Following were the members of the committee for the Internal Academic Audit

1) Dr. Vanita Uttamrao Pochhi

2) Dr. S. I Jukkalkar

3) Dr. Ganesh G. Malte

4) Dr. S. N. Mendhe

Experts Suggestions for further improvement in the different departments are as follows.

Science Faculty

A. Botany

- Faculty doing well. Faculty is Complete

- The Faculty is highly motivated and can be encouraged to involve innovative technique in teaching.

- Need to Increase Student Progression.

- NSQF Courses and Add-on Course is Appreciable.

- Need to Increase the Number of Research

- Student Activities is Very Good.

B. Zoology

- All Faculty member s are highly qualified.

- More efforts required to develop teaching Modules.

- Need to Organize Workshop and Seminar.

C. Microbiology

- Need to Appointment of Faculty.

- Research publication increases.

- Organization of Workshop/Seminar is required.

D. Chemistry

- Highly qualified Staff

- Requirement of Industrial linkages

- Purchasing of New Equipment.

E. Electronic

- Participation in Curriculum Result Analysis is good.

- Project allocation to Student

F. Computer Science

- Need to Increase in Computer system Industrial Collaborations is required

- Project based assessment is not found.

G. Physics

- Construction of New laboratory required

- Result Analysis in descent order.

- Increase in no. of Collaboration.

H. Mathematics

- Need to Requite New Faculty MOU/Collaboration is not found.

- Result is Appreciable.

Faculty of Humanities

A. English

- Need to requite New Faculty.

- Add on Course in Communication Skill in English is appreciable.

- To Start PG Course.

B. Marathi

- To develop Culture oriented courses

- Increase in Admission of PG Courses.

- To develop Culture oriented courses.

- Research Publication and Book Publication is Appreciable.

C. Economics

- Add-on Course in Agriculture based Entrepreneurship is Appreciable.

- To Start PG Course.

- MOU/Collaboration is not found.

D. Political Science

- Extension Activities is Appreciable.

- Need to Increase in Research Publication numbers.

- To Start Value added Course.

E. History

- MOU/Collaboration is not found.

- Extension Activities are not found.

- University Result is Appreciable.

F. Commerce and Management

- Need to requite New Faculty.

- Need to increase in Research publication number.

- MOU/Collaboration is not found.

- Extension Activities are not found.

- Internship of student is appreciable.

G. Physical Education

- Student's participation is appreciable.

- Need to develop more facilities for sport

- Organization of Yoga Practices every Thursday is appreciable.

H. Library

- Need to Increase Reference books.

- Purchase of New Software.

- Accession of students and Faculty need to increase.

Name of the Department: Computer Science

Name, Designation and Address of Academic Audit Experts:

S. N.	Name	Designation	Address
1	Dr. V.U. Pochhi	Associate Professor	Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana
2	Dr. G. G. Malte	Associate Professor	Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana
3	Dr. S. I. Jukkalkar	Associate Professor	Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana
4.	Dr. S. N. Mendhe	Assistant Professor	Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana

Member of Staff Present: Dr. A. B. Kadam, Assistant Professor and Head

Dr. M.E. Jadhav, Assistant Professor,

Dr. S. S. Gaikwad, Assistant Professor

Criterion	Items	Verification Yes / No	Comments	Suggestions for Improvements

I. Curriculum	Steps Followed in the designing of syllabus & Curriculum	Yes	Syllabus Copy as per SGBAU	
	Content of the Curriculum	Yes	As Per SGBAU	
	Credits allotted / distribution – logic	Yes	**B.Sc.** = 08 -marks [MCQ], 12- marks per unit 72- marks for theorotical Quetions [total 80 Marks]+ 20 Internal , Total=100 & **M. Sc.**= 20- Marks for internal + 12-marks per unit [total 80]= 100 as per SGBAU	

Curriculum Transaction	Teaching Methods & teaching aids	Blackboard Method, Use of PPT, Use of		
	E – learning modules	Google Classroom, WhatsApp groups, Zoom Platform & LMS		
	Project Work UG / PG	Yes for PG		
	Internal Assessment Components - Uniqueness	Assignment on Recent Development in the Subject, Unit Test 02 for Each Semester, Seminars & Recent Projects For P.G. Students		
	Student Support – Remedial Coaching	Yes		
	Parent meeting – evaluation of student progress	No		
	Feedback from Student	Taken by feedback committee		
	Step taken on the student feedback	Yes	As per File Record	
Faculty Profile	Project Completed / Ongoing	No	---	
	Seminar Conference attended	Yes	As per File Record	
	Papers/ Articles / books published	Yes	As per File Record	
	FDP / RC / OC / Training Program/ Workshop	Yes	As per File Record	
	Acted as resource person	Yes	As per File Record	
	M. Phil. / Ph. D. awarded	01-Awarded 15-Dec-2020, 09-Registered/Persuing [Dr. M. E. Jadhav], 01-Registered [Dr. A. B. Kadam]	As per File Record	

Profile of Students	Demand Ratio Application received Vs Sanctioned Strength	1:1	As per college office record	
	Student involvement in extracurricular & Co – curricular activities	Yes	As Per file Record	
	Study tours / Industrial Visits/ exhibition/ Internship/ Training	➢ **Yes** [Poster Presentation -02] ➢ **Yes** [Training of project work for P.G.Students]	As Per file Record	
	Achievements	Yes	As Per file Record	
Infrastructure in the Department	No. of Class Room	**03** Common for Maths group	---	
	No. Laboratories / Build up area	**02** **UG** – 1200 sq.ft. **PG** – 450 sq.ft. **Research** – 150 Sq. Ft.	---	
	No. of Computers for Teachers	01	---	
	No. of Computers for Students	17	---	
	No. of Computers for Research Scholars	04	---	
	No. of Instruments	Computers=22, Printers=03, Scanner=01, LCD-projector with screen=01, Stabilizer=01	---	
Activities of the Department	MoU Signed	01	As per File Record	
	Consultancy	Nil	---	
	Collaboration	Nil	---	
	Association Meetings	Student Association [02] Conducted Online Programming Quiz	As per File Record	
	Guest Lectures	Yes	As per File Record	

	Seminar, Conference Workshop Conducted	Yes	As per File Record	
	Extension Activity	Yes	As per File Record	
	Interaction with Industry / Research Centers / Educational Institutes	No	---	
	Newsletters / Magazine	No	---	
	Placement	Yes	As per File Record	

Please Comment on SWOC Analysis:

Strength: i) Well Equipped Laboratory.

ii) Consistently good academic results.

iii) Increasing number of students for higher education.

iv) Learned, Well Qualified & devotional faculty members.

v) Multi Faculty College & Large number of students.

Weakness: i) Academically weak students coming from rural, uneducated & low socioeconomic families.

ii) Drop out ratio.

iii) Need of Research & PG laboratory with Latest Technology.

Opportunities: i) Organization of conferences, guest lecturers & Workshop for students & Faculty.

ii) Research Proposals to funding agencies like UGC, DST etc.

iii) Better opportunity for employment & health of the student.

Challenges: i) To improve poor language Communication of the students.

ii) To upgrade academic status of the students coming from rural uneducated & low socioeconomically families & to open the door of better opportunities of life to them.

Best Practice of Department

National Level Workshop on "The Cult of Terror, Along with Cyber Crimes"

Activity: National Level Workshop on "The Cult Of Terror, Along with Cyber Crimes"

Aim: To provide a risk-free and secure environment in which data, networks, and devices can be protected from cyber-attacks.

Notice: The leaflet is attached with this action taken report.

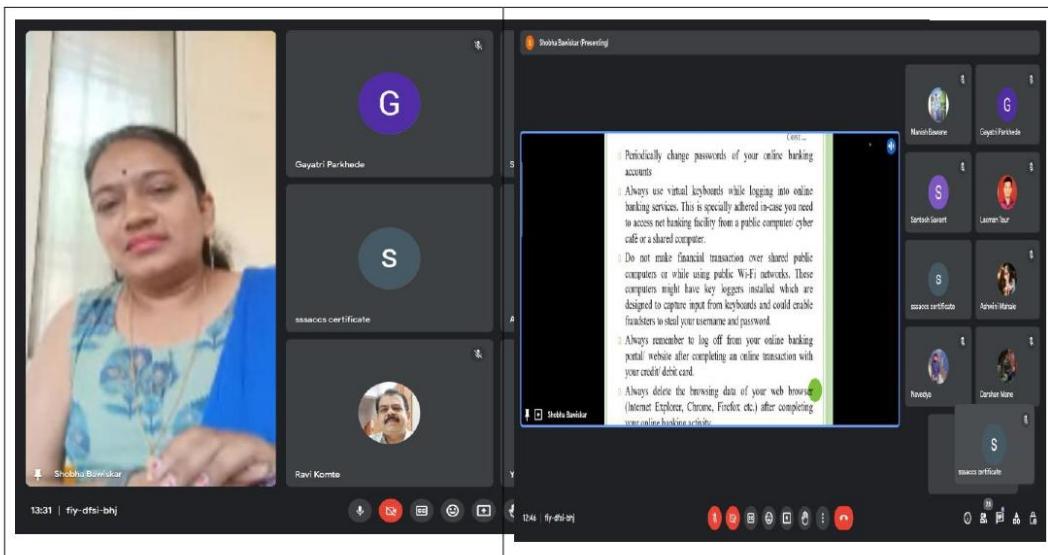**Date**: 23- August -2023.

Name of President: Prof. (Dr.) Meena T. Nikam,

Principal, Shri Shivaji Science and Arts College, Chikhli. Dist.:

Buldhana M.S. 443201.

Convener: Dr. A. B. Kadam, HOD of Computer Science

Organizing Secretary: Dr. M. E. Jadhav

Organizing Secretary: Dr. S. S. Gaikwad

Number of participants: 214 (Online/Offline) (Online: - 120) (Offline: - 94)

Dr. Shobha Baviskar delivered a presentation on "The Cult Of Terror, Along with Cyber Crimes"

Date:23 August 2023

Dr. A. B. Kadam Guided the participants in the "The Cult Of Terror, Along with Cyber Crimes"
Date:23 August 2023

FUTURE PLANS (PLAN OF ACTION OF DEPARTMENT FOR THE NEXT FIVE YEARS 2025 - 30)

Action plan 2023-30

- Environmental Analysis (Admission)

- Exciting Problems in academics and administration
- Objectives and Goals
- Action and Planning for Academic improvement
- Action and Planning Admission Growth in UG & PG

Academic Strategic Action Plan

- Development in student's employability skills
- Comprehensive Faculty Development
- Student Success and Enrollment Management
- Campus Facilities
- Centers, Institutes and Signature Programs (Seminar, Workshop, Conferences)
- Strategic Fundraising through admission growth.

Internal Environment (Internal Assessment)

- Assets: Well Equipped Department
- Resources: Laboratories (UG, PG & Research Computer, Technology)
- People: Teaching and Non Teaching Staff
- Culture: "Tamso Ma Jotirgmaya" & "Dhnyanam Param Dheyam"
- Systems: Academic and Administrative

External Environment

- Availability of students from: Science Jr. colleges UG courses ; Sr. colleges for PG courses
- Competitors: Science & Engineering colleges in city and region
- Social trends: Society needs employment base education.

Objectives and Goals

- To identify academic and career objectives of students.
- To produce qualified students who can accept global challenges and are suitable for industry.
- To offer educational programs that will equip students with basic foundation, in depth knowledge and require skills needed for personal and professional success in an increasingly competitive global environment.
- To train and motivate employees to excel in their performance with a stress on employee satisfaction.

Action and Planning for Academic Improvement

Goals & Initiatives	ACTIONS REQUIRED	PERSON(S) RESPONSIBLE (Name and Title)	RESOURCES NEEDED	TIMELINE Start/End Specific Dates	MEANS/INDICATORS TO ASSESS IMPROVEMENT (What we will do)	MEANS/INDICATORS TO REPORT (Evidence to show completion)
Admission Growth in UG & PG	1) Advertisement in News papers etc. 2) Visits to Jr.& Sr. college, ITI's, Polytechnic college for career guidance 3) Pamphlet Distribution through personal and post 4) Short term courses organize	All teaching and non teaching staff	Budget for Admission growth	1) June, July, August 2) Nov. and Dec. in Junior colleges ; Feb and Mar. for Sr. Colleges. 3) As (2) 4) March 15 to 30 April	Admission Chart of new admissions and their particulars	Attached Annexure I are indicator to report of completion Sheet of Visited Places and Admission growth from there.
Development in Students Employability skills	1) Under Career guidance cell To Facilitate and aware the students for future opportunities 2) To Develop group discussion , Interview skills and technical skills aptitude test. 3) To enhance Personality Development Program 4) To develop interaction with industry. 5) To arrange alumni meet	Concerned representative such as TPO Teacher of communication skills, Technical Expert Teacher Representatives of Alumni HOD's	Budget for respective action Professional Training Language Lab Alumni Meet	In Free academic span such as April May Through Seminars and workshops twice in a semester	Trial Mock Interview Trial Group Discussion Aptitude Tests	Ratio of Employment

Academic Growth

Academic Growth in UG and PG	1) Lesson plan 2) Daily Attendance 3) Smart Teaching 4) Feedback from Students 5) Practical Development of students. 6) Teacher Parent relation 7) Class Test 8) Improvement in Results 9) Remedial Teaching 10) Counseling	All subject teachers, class teachers, Representatives, HOD's etc	Budget For 1) Virtual & smart classrooms.	Every academic day Once in a semester Result sheet	Academic files of faculties Attendance Sheet Supervision on Teaching Feedback Form Practical Performance sheet of students Parents Meet & feedback Result analysis Extra classes for poor students Personal interaction with students	Attached Annexure I to X are indicator to report of completion Result of students

Faculty Development Program

Enrollment Management Improve Attendance	1) To consult students for attendance 2) Attendance sheet daily 3) Monthly Attendance Percentage 4) Parents Meet for awareness of attendance and performance	1) Subject Teachers 2) Class Teachers 3) HOD's 4) Representatives	Stationery Post communication	Every Academic Day	Attendance Sheet	Percentage of attendance
Faculty Development Program	1) To Organize STTP, FDP 2) Training Program 3) To Facilitate the staff in research point of	1) Principal 2) Coordinators	1) Budget for R & D, FDP, Library	1) Till the target achieved 2)When Academically free i.e. In vacation Period	Planning for STTP & FDP FTP, Books, Digital library	Fulfillment of all requirement

	view					

Centers, Institutes and Signature Programs

Centers, Institutes and Signature Programs	1) To Conduct Workshops, Seminars 2) To conduct National Conference	1) Principal 2) HOD's 3) Coordinators 4) Faculties	Budget for Seminars Workshops Conference	Two seminars in a semester by all departments separately One workshop in a semester by all departments separately One conference in a year by all departments jointly.	Conduction of all programs	Result of programs for students, Faculties and institute etc.

Signature of H. O. D.   Signature of the Academic Audit Expert

Name, Designation and Address of Academic Audit Experts:

S. N.	Name	Designation	Address
1	Mrs. S. S. Katole	Associate Professor	Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana
2	Dr. G. G. Malte	Associate Professor	Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana
3	Dr. V.U. Pochhi	Associate Professor	Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana

Member of Staff Present: Mr. N. B. Thakare, Assistant Professor and Head

Criterion	Items	Verification Yes / No	Comments	Suggestions for Improvements
I. Curriculum	Steps Followed in the designing of syllabus & Curriculum	Yes	Syllabus Copy as per SGBAU	
	Content of the Curriculum	Yes	As Per SGBAU	
	Credits allotted / distribution – logic	Yes	B.Sc. =**12**- marks per unit [Theoretical Questions] + 08 [**MCQ**]	
Curriculum Transaction	Teaching Methods & Teaching aids	Blackboard Method, Use of PPT, Use of LCD Projector		
	E – learning modules	Amrita Vishwa Vidyapeetham Virtual Lab https://vlab.amrita.edu/ https://www.olabs.edu.in/	Used for Bridge course in Physics Practical for B.Sc.-I Students	

	Internal Assessment Components - Uniqueness	Assignment on Recent Development in the Subject, One Unit Test for Each Semester, Theory Assignment & Practical Assignment		

	Student Support – Remedial Coaching	Yes		
	Parent meeting – evaluation of student progress	No		29
	Feedback from Student	Taken by feedback committee		
	Step taken on the student feedback	Yes	As per File Record	
	Project Completed / Ongoing	No	---	
	Seminar Conference attended	No	As per File Record	
	Papers/ Articles / books published	Yes	As per File Record	
	FDP / RC / OC / Training Program/ Workshop	Yes	As per File Record	
	Acted as resource person	No	As per File Record	
	M. Phil. / Ph. D. awarded	---	---	
Profile of Students	Demand Ratio Application received Vs Sanctioned Strength	1:1	As per college office record	
	Student involvement in extracurricular & Co – curricular activities	Yes	As Per file Record	
	Study tours / Industrial Visits/ exhibition/ Internship/ Training	No	As Per file Record	
	Achievements	Yes	As Per file Record	
Infrastructure	No. of Class Room	03 Common for Mathematics Group	---	

in the Department	No. Laboratories / Build up area	**02** **UG** – 2000 sq. ft.	---	
	No. of Computers for Teachers	01	---	
	No. of Computers for Students	01	---	
	No. of Computers for Research Scholars	Nil	---	
	No. of Instruments	**Experiments Kits – 60** **CRO-10** **Spectroemter-06** **Travelling Microscope-08**	---	
Activities of the Department	MoU Signed	Yes	---	
	Consultancy	Nil	---	
	Collaboration	Nil	---	
	Association Meetings	Student Association [01] Conducted Programming	As per File Record	
	Guest Lectures	Yes	As per File Record	
	Seminar Conference Workshop Conducted	Yes	As per File Record	
	Extension Activity	Yes	As per File Record	
	Interaction with Industry / Research Centers / Educational Institutes	No	---	
	Newsletters / Magazine	No	---	
	Placement	Yes	As per File Record	

Please Comment on SWOC Analysis:

Strength: i) Well Equipped Laboratory.

vi) Consistently good academic results.

vii) Increasing number of students for higher education.

viii)   Multi Faculty College & Large number of students.

Weakness:

i)   Academically weak students coming from rural, uneducated & low socioeconomic families.

ii)   Less numbers of faculties as per sanctioned posts.

iii)   Drop out ratio.

iv)   Need of Research & PG laboratory with Latest Technology.

Opportunities:

i)   Organization of conferences, guest lectures & Workshop for students & Faculty.

ii)   PG programme in Physics

iii)   Certificate courses /Add on courses on nanotechnology & renewable energy sources

iv)   Research Proposals to funding agencies like UGC, DST etc.

v)   Better opportunity for employment for student.

Challenges:

i)   To improve poor language Communication of the students.

ii)   To upgrade academic status of the students coming from rural uneducated & low socioeconomically families & to open the door of better opportunities of life to them.

FUTURE PLANS (PLAN OF ACTION OF DEPARTMENT FOR THE NEXT FIVE YEARS 2025- 30)

Action plan 2019-24

i)   Add on/Certificate Courses

ii)   To start PG course in Physics

iii)   To achieve Department Objectives and Goals

iv)   Action and Planning for Academic improvement

v)   Action and Planning Admission Growth in UG programme

Academic Strategic Action Plan

- Development in student's employability skills
- Comprehensive Faculty Development
- Student Success and Enrollment Management
- Campus Facilities
- Centers, Institutes and Signature Programs (Seminar, Workshop, Conferences)
- Strategic Fundraising through admission growth.

Internal Environment (Internal Assessment)

i) Assets: Well Equipped Department

ii) Resources: Laboratories (UG, PG & Research Computer, Technology)

iii) People: Teaching and Non-Teaching Staff

iv) Culture: "Tamso Ma Jotirgmaya" & "Dhnyanam Param Dheyam"

v) Systems: Academic and Administrative

External Environment

- Availability of students from: Science Jr. colleges UG courses
- Competitors: Science colleges in city and region
- Social trends: Society needs employment base education.

Objectives and Goals

i) To identify academic and career objectives of students.

ii) To produce qualified students who can accept global challenges and are suitable for industry.

iii) To offer educational programs that will equip students with basic foundation, in depth knowledge and require skills needed for personal and professional success in an increasingly competitive global environment.

iv) To train and motivate employees to excel in their performance with a stress on employee satisfaction.

Action and Planning for Academic Improvement

Goals & Initiatives	ACTIONS REQUIRED	PERSON(S) RESPONSIBLE (Name and Title)	RESOURCES NEEDED	TIMELINE Start/End Specific Dates	MEANS/INDICATORS TO ASSESS IMPROVEMENT (What we will do)	MEANS/INDICATORS TO REPORT (Evidence to show

						completion)
Admission Growth in UG & PG	1) Advertisement in News papers etc. 2) Visits to Jr.& Sr. college, ITI's, Polytechnic college for career guidance 3) Pamphlet Distribution through personal and post 4) Short term courses organize	All teaching and non teaching staff	Budget for Admission growth	1) June, July, August 2) Nov. and Dec. in Junior colleges ; Feb and Mar. for Sr. Colleges. 3) As (2) 4) March 15 to 30 April	Admission Chart of new admissions and their particulars	Attached Annexure I are indicator to report of completion Sheet of Visited Places and Admission growth from there.
Development in Students Employability skills	1) Under Career guidance cell To Facilitate and aware the students for future opportunities 2) To Develop group discussion , Interview skills and technical skills aptitude test. 3)To enhance Personality Development Program 4) To develop interaction with industry. 5) To arrange alumni meet	Concerned representative such as TPO Teacher of communication skills, Technical Expert Teacher Representatives of Alumni HOD's	Budget for respective action Professional Training Language Lab Alumni Meet	In Free academic span such as April May Through Seminars and workshops twice in a semester	Trial Mock Interview Trial Group Discussion Aptitude Tests	Ratio of Employment

Academic Growth

Academic Growth in UG and PG	1) Lesson plan 2) Daily Attendance 3) Smart Teaching 4) Feedback from Students 5) Practical Development of students. 6) Teacher Parent relation 7) Class Test 8) Improvement in Results 9) Remedial Teaching 10) Counseling	All subject teachers, class teachers, Representatives, HOD's etc	Budget For 1) Virtual & smart classrooms.	Every academic day Once in a semester Result sheet	Academic files of faculties Attendance Sheet Supervision on Teaching Feedback Form Practical Performance sheet of students Parents Meet & feedback Result analysis Extra classes for poor students Personal interaction with students	Attached Annexure I to X are indicator to report of completion Result of students

Enrollment Management Improve Attendance	1) To consult students for attendance 2) Attendance sheet daily 3) Monthly Attendance Percentage 4) Parents Meet for awareness of attendance and performance	1) Subject Teachers 2) Class Teachers 3) HOD's 4) Representatives	Stationery Post communication	Every Academic Day	Attendance Sheet	Percentage of attendance

| Faculty Development Program | 1) To Organize STTP, FDP 2) Training Program 3) To Facilitate the staff in research point of view | 1) Principal 2) Coordinators | 1) Budget for R & D, FDP, Library | 1) Till the target achieved 2)When Academically free i.e. In vacation Period | Planning for STTP & FDP FTP, Books, Digital library | Fulfillment of all requirement |

Centers, Institutes and Signature Programs

| Centers, Institutes and Signature Programs | 1) To Conduct Workshops, Seminars 2) To conduct National Conference | 1) Principal 2) HOD's 3) Coordinators 4) Faculties | Budget for Seminars Workshops Conference | Two seminars in a semester by all departments separately One workshop in a semester by all departments separately One conference in a year by all departments jointly. | Conduction of all programs | Result of programs for students, Faculties and institute etc. |

Signature of H. O. D.   Signature of the Academic Audit Expert

Department of Political Science

Name, Designation and Address of Academic Audit Experts:

S. N.	Name	Designation	Address
1	Mrs. S. S. Katole	Associate Professor	Shri Shivaji Science and Arts College, Chikhli, Dist. Buldana
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Member of Staff Present: Dr. J.J.Jadhao, Associate Professor and Head

Criterion	Items	Verification Yes / No	Comments	Suggestions for Improvements
I. Curriculum	Steps Followed in the designing of syllabus & Curriculum	Yes	Syllabus Copy as per SGBAU	
	Content of the Curriculum	Yes	As Per SGBAU	
	Credits allotted / distribution – logic	Yes	B.A. =**16**- marks per unit [Theoretical Questions] + 04 [**MCQ**] +01	
Curriculum Transaction	Teaching Methods & teaching aids	Blackboard Method, Use of PPT, Use of LCD Projector		

	Project Work UG	Yes for UG		
Faculty Profile	Internal Assessment Components - Uniqueness	Assignment on Recent Development in the Subject, UnitTest 02 for Each Semester, Seminars & Orel		

	Student Support – Remedial Coaching	No		
	Parent meeting – evaluation of student progress	No		
	Feedback from Student	Taken by feedback committee		
	Step taken on the student feedback	Yes	As per File Record	
	Project Completed / Ongoing	No	---	
	Seminar Conference attended	Yes	As per File Record	
	Papers/ Articles / books published	Yes	As per File Record	
	FDP / RC / OC / Training Program/ Workshop	Yes	As per File Record	
	Acted as resource person	Yes	As per File Record	
	M. Phil. / Ph. D. awarded	Registered Students -02	---	
Profile of Students	Demand Ratio Application received Vs Sanctioned Strength	1:1	As per college office record	
	Student involvement in extracurricular & Co – curricular activities	Yes	As Per file Record	
	Study tours / Poster exhibition/	➢ **Yes** [Poster Presentation For Students]	As Per file Record	
	Achievements	Yes	As Per file Record	
Infrastructure in the Department	No. of Class Room	03 Common for Arts Faculty	---	
	No. of Computers for Research Scholars	06	---	

	No. of Instruments	**Nil**	---	
Activities of the Department	MoU Signed	Nil	---	
	Collaboration	Nil	---	
	Association Meetings	Nil	--	
	Guest Lectures	Yes	As per File Record	
	Seminar Conference Workshop Conducted	Yes	As per File Record	
	Extension Activity	Yes	As per File Record	
	Interaction with Industry / Research Centers / Educational Institutes	Yes	---	
	Newsletters / Magazine	No	---	
	Placement	Nil	--	

Please Comment on SWOC Analysis:

Strength:

1) Important role in research

2) Try to hundred percent result the subject.

3) Cordial relationship of the Dept. with all strata of society.

4) Guidance to the Students of Main Exams of MPSC/UPSC in Subject..

5) Participation in various social activities and contribution of department in making the

research society oriented.

Weakness:

1) Socially and economically weak parents and students.

2) Less awareness of students about competitive exams.

3) Unavailable of modern and readymade material and means.

4) Various hindrance for organizing international conferences.

Opportunities:

1) Better employment opportunities through different activities conducted by the department.

2) The contribution of department for creating social and cultural movement.

3) Contribution in increasing 'Reader Culture'.

4) To inculcate various social and moral values among the students.

5) Participation of students from all strata of society in various co-curricular activities.

Challenges:

1) Illiterate and less educated parents and their unawareness about education.

2) Educationally weak and economically backwards students.

3) Remote and rustic-area, away from modern surroundings.

Future plans of the department:

    a. Long term plans: **Create Research Environment for Students (MRP)**

    b. Short term plans : **Every Year at list one research project or Survey Conduct**

    c. Short term plans **: To Organize study tour and filed visit**

FUTURE PLANS (PLAN OF ACTION OF DEPARTMENT FOR THE NEXT FIVE YEARS 2025 - 30)

Action plan 2025-30

- To inspire students for research
- Action and Planning for Academic improvement
- To guide and encourage students for the preparation for competitive examination.
- Action and Planning Admission Growth in UG/PG
- To establish ICT class room
- Experience learning for students through mock activities
- To teach students through study tour/filed work.

Academic Strategic Action Plan

- Development in student's employability skills
- Comprehensive Faculty Development
- Student Success and Enrolment Management
- To organize study tour

Internal Environment (Internal Assessment)

- Assets: Well Equipped Department
- Systems: Academic and Administrative
- Formation students teacher association
- Formation of parents teacher association

External Environment

- Well communication with parents and society
- Social trends: Society needs employment base education.

Objectives and Goals

- To prepare students with excellent human sense and human value
- To inculcate human values like justice, equality, liberty among students
- To produce qualified students who can accept global challenges and are suitable for industry.
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Signature of H. O. D.   Signature of the Academic Audit Expert