

2.5.4 The Institution adheres to the academic calendar for the conduct of CIE

Shri Shivaji Arts, Commerce and Science College, Akot Action Plan 2014-15


Activities	Botany	Chemistry	Zoology	Physics	Comp. Science	Math's	Commerce	English	Marathi	Economics	Home Economics	Pol. Science	History	Music	Total
No. of ICT lectures	12	13	12	07	09	04	06	24	12	04	06	06	08	06	127
Unit tests	10	12	10	11	11	15	09	40	40	20	12	12	12	12	134
Assignments	02/students	02/students	02/students	02/students	02/students	02/students	03/students	24	20	20	06	06	06	06	103
Guest lectures	02	04	02	02	01	02	02	02	02	02	01	03	02	03	30
Collaborations	01	01	01	01	01	01	02	03	01	--	01	01	--	01	15
Publications	04	10	04	02	--	02	02	08	02	01	01	04	05	06	51
Participation and presentation in Conf./Seminar/Workshop	06	10	03	02	01	02	04	08	02	02	02	04	02	06	54
Major Research Projects	02	01	01(ongoing)	01	--	--	--	--	01	--	--	01	--	01	08
Extension Activity	1.Germplasm Conservation. 2. Tree Plantation	Soil testing	Blood group identification, Blood Pressure Checking.	Lectures in junior college	Workshop for staff members	Lectures in junior college	Guidance on educational schemes and crop insurance	Workshop on Communication skill	Workshop on orthography	lecture	Dist awareness program	Lectures on fundamental right, visit to parliament winter session	Lectures on world war	Musical program at shraddha sagar	17
Innovative activity	Tree labeling in forest	Science exhibition	Efforts for increasing breeding capacity of fishes	Project on solar system	Workshop for economically weaker students	--	Logo competition, Marketing project	English grammar classes for rural students	Collection of folk literature	Project assignments	Workshop on salad decoration	Public awareness about election	Students visit historical place	Musical program for blind students	13

[Signature]
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**Action Taken Report
(2014-2015)**

Action Plan	Action Taken Report
Motivating faculty for undertaking quality research	Major Research Project ongoing: 01 Major Research Project proposals submitted: 03 Minor Research Projects ongoing: 01 Minor Research Projects completed: 16 Minor Research Projects proposal submitted: 09
To organized innovative activities	Innovative activities organized: 12
To organized Extension activities	Extension activities organized: 12
To organize guest lectures of imminent personalities	Guest lectures organized: 25
To increase number of quality research publications and presentations.	All the faculties published their research in the reputed journals and presented papers in national and international conferences. Total publications: 63 Participation and presentation in conferences: 60
To introduce participatory learning by organizing student's seminar, group discussion, quiz competition etc.	All departments organized the activities given in the action plan.
To organize study tour/ Industrial Visit	04 departments have organized study tour.
To enhance the infrastructure	Infrastructure increased


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Sr. No.	Name of the Department	Date of Academic Audit	Observations
	Music	20/04/2015	<ul style="list-style-type: none"> • Good Research. • Satisfactory Result. • Student's participation in different activities. • No consultancy.
	Marathi	20/04/2015	<ul style="list-style-type: none"> • Good research. • Books are published. • Good results with two P.G.Merits. • Collaboration: Nil • Consultancy: Nil
	English	20/04/2015	<ul style="list-style-type: none"> • Good research. • Good results. • Consultancy: Nil
	Political Science	20/04/2015	<ul style="list-style-type: none"> • Good Publications. • Good results. • Collaboration: Nil • Consultancy: Nil
	History	20/04/2015	<ul style="list-style-type: none"> • Good research. • Good results. • Consultancy: Nil • Collaborative activities are required.
	Sport	22/04/2015	<ul style="list-style-type: none"> • Satisfactory publications. • Good extension activities • Collaboration: Nil • Consultancy: Nil
	Economics	22/04/2015	<ul style="list-style-type: none"> • Satisfactory publications • Good results • departmental
	Chemistry	22/04/2015	<ul style="list-style-type: none"> • Good research. • Good results. • Merit mission activity is appreciated. • Consultancy: Nil • Extension Activity: Nil
	Zoology	22/04/2015	<ul style="list-style-type: none"> • Good research. • Major Research Project is ongoing. • Good results. • Academic activities are good. • Consultancy: Nil
	Physics	22/04/2015	<ul style="list-style-type: none"> • Satisfactory research • Good results. • Collaboration: Nil • Consultancy: Nil


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Action Plan 2015-16

Activities	Botany	Chemistry	Zoology	Physics	Computer Science	Mathematics	Commerce	English	Marathi	Economics	Home – Economics	Political Science	History	Music	Physical Education	Library
Research Publication	06	10	06	04	-	01	04	10	04	02	02	02	04	06	01	02
Research Presentation	06	10	03	04	-	02	04	10	04	02	02	02	04	06	02	02
Collaboration	02	03	01	01	01	01	01	01	01	01	01	01	01	01	01	01
Consultancy	01	01	01	02	-	-	01	01	01	-	01	-	01	01	01	01
Extension Activities	02	01	02	01	02	01	03	02	01	01	01	02	01	02	02	01
Seminar/Conf/ Workshop to be organized	Proposal submission	Proposal submission	Proposal submission	Proposal submission	-	Proposal submission	Proposal submission	Proposal submission	Proposal submission	Proposal submission	Proposal submission	Proposal submission	Proposal submission	Proposal submission	Proposal submission	Proposal submission
Major Research Project	Proposal to be send	Proposal to be send	Completion: 01	Proposal to be send: 01	-	-	-	Proposal to be send: 01	Proposal to be send: 01	-	-	Proposal to be send: 01	-	Proposal to be send: 01	-	-
Minor Research Project	Completed: 03	Completed: 03 Ongoing: 01 Submitted: 01	Completed: 02 Submitted: 01	Proposal to be send: 01	-	-	Completed: 01 Submitted: 01	Submitted: 02	Completed: 02 Submitted: 01	Ongoing: 01	Ongoing: 01	-	Ongoing: 01	Submitted: 01	Completed: 01	Submitted: 01

Dr. V. B. Bhagat
In charge
Academic Planning 2014-15

R.S.Dhonde
IQAC Coordinator

Co-ordinator
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Dr. A.L.Kulat

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Action Plan 2015-16

Academic Activities to be organized	Guest lectures: 02 Poster competition: 01	Guest lectures: 03 Students Seminar: 01	Guest lectures: 02 Quiz competition: 01 Students Seminar: 01 Study tour: 01	Guest lectures: 02 Seminar competition: 02 Model Presentation Competition: 02	Students Seminar: 01 Student Project: 01	Guest lectures: 01 Seminar competition: 01	Guest lectures: 01 Seminar competition: 01	Guest lectures: 03 Students Seminar: 22 Essay Competition: 02	Guest lectures: 02 Essay Competition: 01 Poetry recitation by students	Guest lecture Students Seminar Essay Competition	Guest lectures: 02 Students Seminar	Guest lectures: 02 Students Seminar	Guest lectures: 02 Students Seminar Music Competition	Open badminton competition Inter classes/ intramural to be organized	Essay Competition
Best Practices of Departments	1. Science articles are Displayed 2. List of Medicinal plants displayed 3. Counseling for competitive exams.	1.No Vehicle Day 2. Plastic Eradication	B.P. Checking Hb Estimation	Double loop feedback. Cooperative group assignment Active learning Strategies Rewarding learner participation	ICT Lectures Give information about new technology	ICT Lectures Learning new concept & skills while solving problem Small group learning & Whole class learning	Guidance on educational schemes and crop insurance Literary quiz Poetry recitation by students	Screening of test based movies listening program Workshop on orthography	Manuscript Publication Workshop on orthography	Power Point Presentation by Students	Scholarship awards to the students Scrap book and wall magazine activity.	Power Point Presentation by Students	Scholarship awards to the students Scrap book and wall magazine activity.	Maintain the scrap book Intercollegi	Best Library User Awards Book review publication User orientati

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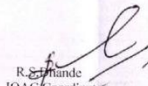
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Action Plan 2015-16

Innovative Activity	Green audit of College premises	1. No Vehicle Day: on every Monday 2. Hazardous Waste Management 3. Plastic-Polythene Free Zone	Fish breeding by hypophysation Health Checkup Camp (for Students and Staff)	1. Preparation of solar panel for energy generation 2. Management of electricity power switch-off for half hour (2.00 - 2.30 p.m.)	Training about Basic Computer to the Non-teaching staff	Business projects	Impact of regional language on English language	Loksanskriti Darshan	Survey	Traditional food and its nutritional value	Social Awareness about Election	Database Collection about Historical Coins	Workshop on Light Music & Yoga Therapy	State Holley ball Men/Women tournaments	
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Action Plan (Compliance) 2015-16

Activities	Botany	Chem.	Zoology	Physics	Comp. Sc.	Math	Commerce	English	Marathi	Eco.	Home Eco.	Pol. Sc.	History	Music	Phy. Edu.	Library
Res. Publication	06	10	04	04	--	01	02	08	04	02	01	02	04	06	01	01
(Compliance)	05	08	03	01	--	--	01	05	04	01	01	02	03	04	--	01
Res. Presen.	06	10	02	02	--	--	02	08	04	02	01	02	02	06	01	01
(Compliance)	04	08	03	01	--	--	02	06	04	01	01	02	02	04	01	01
Collaboration	01	01	01	01	01	01	02	01	01	--	01	01	01	01	01	01
(Compliance)	01	01	01	--	--	--	02	01	01	--	01	01	01	01	--	01
Consultancy	01	01	03	01	01	--	--	01	01	01	01	01	01	01	01	01
(Compliance)	01	01	01	--	--	--	01	--	--	--	01	--	01	01	--	01
Extension Act.	02	02	02	02	01	01	02	02	02	01	01	02	02	02	02	01
(Compliance)	01	01	02	--	--	--	02	02	02	--	01	01	02	02	02	01
Sem./Con./ Workshop to be organized	Proposal Submitted	Proposal Submitted	Proposal Submitted	Proposal Submitted	--	--	Workshop Organized	Workshop organized	--	--	Workshop organized	--	--	--	--	--
Academic activities organized	Guest lect 02	Guest lect 02 Seminars Ind. Visit	Guest lect 02 Quiz, Seminars, Study tour	Guest lect. 01 Seminar comp.	Guest lect 01, Seminar	Guest Lect 01 Seminar	Guest Lect 02 Seminar	Guest lect. 02 Poetry recitation 01 Seminars	Guest lect. 01 Seminars	Guest lect 02 seminars	Guest Lect. Seminars	Guest lect 01 Seminar	Guest lect. 01 Stud sem. 02	Bad minton comp. Intra mural activity	Essay Comp. Group Diss.	Essay Comp. Group Diss.
Innovative activity conducted	Green Audit of Campus	No vehicle day	Hypo-Physation of fishes	--	--	--	Marketing Project	Workshop For students	--	--	--	India is my country.. a program for student	Collection of historical coins	Peace of mind by musical therapy	--	Book Review Scribe book
Best Practices conducted	Science articles are displayed Checklist for Campus plants	Plastic free zone Distilled Water collection	Provided facility for BP, Hb checking to staff and students	Coaching to slow learners Poster Presen.	Training about Basic computer	--	Provide Library Facility For Comp. Exams.	Poetry recitation Wall magazine ICT presen. Group Discussion	Manuscript Publication	Collection of news Related to economics	Scrap book activity	--	Scrap book activity	Patriotic songs	Volley ball Comp.	New arrival displayed Best library Award Book exhibition Provide Uni. Exam Papars


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Action Plan 2016-17

Activities	Botany	Chem.	Zoology	Physics	Comp. Sc.	Math	Commerce	English	Marathi	Eco.	Homc.Eco.	Pol. Sc.	History	Music	Phy.Edu.	Library
Res. Publication	06	10	04	04	--	--	02	08	04	02	01	02	04	06	01	01
Res. Presen.	06	10	02	02	--	--	02	08	04	02	01	02	04	06	01	01
Collaboration	01	01	01	01	01	01	02	01	01	01	01	01	01	01	01	01
Consultancy	01	01	03	01	01	--	--	01	01	01	01	01	01	01	01	01
Extension Act.	02	02	03	02	01	01	02	02	02	01	01	02	02	02	02	01
Sem /Con/ Workshop to be organized	Workshop for students	Proposal Submitted	Proposal Submitted	Proposal Submitted	--	--	Proposal Sub.	Workshop on constr. Of new syllabus	Workshop for Painters	Workshop for students	-	Workshop	Workshop	-	01	--
MRP	--	Major RP Propo. Sub.01 Minor ongoing 01/01 sub	MRP 01 Prapo.Sub	Major RP Propo. Sub. 02	--	--	Proposal Minor RP Sub.		Minor R.P 01 Sub.	Minor R.P. Ongoing	-	-	-	-	--	--
Academic activities to be organized	Guest lect 02 Poster comp. 01	Guest lect Seminars Ind. Visit Chemigniz Aptitude test	Guest lect, Quize, Seminars, Study tour	Guest lect. 02 Seminar comp.	Guest lect, Seminar	Guest Lect, Seminar	Seminar, Quiz	Guest lect. 02 Sem. 12 Essay comp. 01 Poetry recitation 01	Guest lect. 02 Essay Comp. 01 Seminars	Guest lect 02 Seminar	Guest lect. 02 seminars	Guest Lect. Seminars Assignment Essay Comp.	Guest lect 02 Seminar	1 Guest lect. 02 2 Musical comp. 3 Stud. sem. 02	Badminton comp. Intra mural activity	Essay Comp. Group Dis.
Innovative activity	Green Audit of Campus	No vehicle day	Hypo-Physation of fishes	--	--	--	Marketing Project	Workshop	--	Socio economic survey	--	India is my country... a program for student	Workshop	Peace of mind by musical therapy	--	Book Review Scribe book
Best. Practices	Science articles are displayed Checklist for Campus plants	Plastic free zone Distilled Water collection	Provides facility for BP, Hb checking to staff and students	Coaching to slow learner Poster Presen.	Training about Basic computer	--	Provide Library Facility For Comp. Exams.	Poetry recitation English Exhibition Wall magazine ICT presen. Group Discussion	Manuscript Publication Workshop on Orthography	Collection of news Related to economics	Scrap book activity	Voter students survey, Organize voter camp & enrolment of students	Collection of historical coins Scrap book activity	Patriotic songs	Volley ball Comp.	New arrival displayed Best library Award Book exhibition Provide Uni. Exam Papers


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Shri Shivaji Arts, Commerce & Science College, Akot
(Compliance report-2016-17)
REPORT OF ACADEMIC AUDIT (18/04/2017-27/04/2017)

Department of Music

- Research: Moderate
- Collaboration: Nil
- Consultancy: Nil
- Innovative activity: Nil
- Extension activity : Good
- Academic activities: Satisfactory
- Overall: **Satisfactory**

Department of Marathi

- Research: Good
- Collaboration: Available
- Consultancy: Record needed
- Innovative activity: Available
- Extension activity : Good
- Academic activities: Good
- Overall: **Good**

Department of English

- Research: Satisfactory
- Collaboration: Available
- Consultancy: Available
- Innovative activity: Nil
- Extension activity : Good
- Academic activities: Good
- Overall: **Good**

Department of Political Science

- Research: Good
- Collaboration: Nil
- Consultancy: Nil
- Innovative activity: Nil
- Extension activity : Good
- Academic activities: Satisfactory
- Overall: **Satisfactory**

Department of History

- Research: Good
- Collaboration: Available
- Consultancy: Nil
- Innovative activity: Available
- Extension activity : Good
- Academic activities: Good
- Overall: **Good**

Department of Physical Education

- Research: Good
- Collaboration: Available
- Consultancy: Available
- Innovative activity: Nil
- Extension activity : Good
- Academic activities: Good
- Overall: **Good**

Department of Zoology

- Research: Good
- Collaboration: Available
- Consultancy: Available
- Innovative activity: Available
- Extension activity : Good
- Academic activities: Good
- Overall: **Best**

Department of Chemistry

- Research: Good
- Collaboration: Available
- Consultancy: Available
- Innovative activity: Available
- Extension activity : Good
- Academic activities: Good
- Overall: **Best**

Department of Physics

- Research: Poor
- Collaboration: Nil
- Consultancy: Nil

- Innovative activity: Available
- Extension activity : Satisfactory
- Academic activities: Good
- Overall: **Satisfactory**

Department of Home Economics

- Research: Nil
- Collaboration: Available
- Consultancy: Nil
- Innovative activity: Available
- Extension activity : Good
- Academic activities: Good
- Overall: **Satisfactory**

Department of Botany

- Research: Good
- Collaboration: Available
- Consultancy: Available
- Innovative activity: Available
- Extension activity : Good
- Academic activities: Good
- Overall: **Best**

Library

- Research: Satisfactory
- Collaboration: Available (Activities Nil)
- Consultancy: Nil
- Innovative activity: Available
- Extension activity : Good
- Academic activities: Good
- Overall: **Satisfactory**

Department of Commerce

- Research: Good
- Collaboration: Available
- Consultancy: Available
- Innovative activity: Available
- Extension activity : Available
- Academic activities: Good
- Overall: **Best**

Other Reports

- NCC (Best)
- NSS (Best)
- YCMOU (Best)
- Students attendance & Feedback Committee (Good Work)
- Students Counseling & Placement Committee (Good Work)
- Alumni Association (Required Active work)
- Students, Teachers, Guardian Coordination Committee (Satisfactory)

No Academic Audit of the following Departments

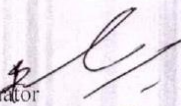
- Department of Mathematics
- Department of Computer Science
- Department of Economics

Signature

Chairman of IQAC


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Coordinator



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Members

Academic and Infrastructural Development Action Plan 2017-18

Activities	Botany	Chem.	Zoology	Physics	Comp. Sc.	Math	Commerce	English	Marathi	Economics	Home. Economics	Pol. Sc.	History	Music	Phy.Edu.	Library
Res.Publication	06	10	04	02	02	--	04	08	02	02	02	02	04	06	02	02
Res. Presen.	06	10	04	02	02	--	04	08	02	02	02	02	04	06	02	02
Collaboration	01	01	01	01	01	--	02	01	01	01	01	01	01	01	01	01
Consultancy	01	01	01	01	01	--	01	01	01	01	01	01	01	01	01	01
Extension Act.	02	02	02	02	01	01	03	02	02	01	01	01	02	02	02	02
Sem./Con./ Workshop to be organized	Workshop for farmers	Seminar to be organized	--	--	--	--	Seminar to be organized	Seminar to be organized	Workshop for Correct writing	--	--	--	Seminar to be organized	--	--	--
Academic activities to be organized	Guest lect. 02 Poster comp. 01	Guest lect. 02 Seminars Ind Visit Chemiquiz Aptitude test	Guest lect (02); Quiz; Seminars; Study tour	Guest lect. 02 Seminar; Essay;	Guest lect 01 & Seminar	Guest Lect 01; Seminar	Seminar, Quiz, Proposed students bank	Guest lect. 02 Seminars Essay comp. 01	Guest lect. 02 Essay Comp. 01	Guest lect (01) Essay Comp. Seminars	Guest lect 02; seminars; rangoli competition, dish decoration	Guest Lect 01 Seminars; Essay Comp.	Guest lect 02; Seminar	Guest lect. 02; Musical comp. Stud. seminars	Bad minton comp. Intra mural activity	Quiz competition
Innovative activity	Green Audit of Campus	No vehicle day	Hypo-Physation of fishes	Collect project work by email	Nil	Nil	Marketing Project	Nil	Wagishwari Publication	Socio economic survey	Collection of information related to health problems	India is my country...a program for student	To know the history of own village and great personality	Peace of mind by music	Cycling for women	Book Review Scribe book
Best. Practices	Science articles are displayed Checklist for Campus plants	Plastic free zone Distilled Water collection	Provides facility for BP, Hb, Blood group checking to staff, students and villagers	Poster Comp. Model comp.	Training about Basic computer	Nil	Provided Best Library Facility For Comp. Exams.	Poetry recitation; English Exhibition; Wall magazine;	Manuscript Publication (Shabdved).	Collection of news Related to economics	Scrap book activity	Organize voter camp & enrolment of students	Collection of historical coins Scrap book activity	Patriotic songs, Musical program Republic Day	Volley ball Comp.	New arrival displayed; Bes: library Award; Book exhibition; Provide Uni. Exam Papars


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Infrastructure to be developed:

1. 04 class rooms (Estimate: Rs. 70, 00000/-).
2. Extension of Zoology Laboratory.
3. Renovation of Science Laboratories.
4. To purchase scientific instruments.
5. Extension of students cycle stand.


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Academic Audit Report 2017-18

Department of Marathi

- Date of Audit: 17.04.18
- Research Publication: 03
- Research presentation: 02
- Collaborative activity: Nil
- Extension activities: 02
- Innovative activities: 01
- **Dr.V.V.Tayade** as key note addressee in state level conference.
- Co-curricular activities: ok
- Overall remark: **Best**
- **Suggestion:** To increase collaborative activities

Department of Music

- Date of Audit: 17.04.18
- Research Publication: 02
- Research presentation: 01
- Collaborative activity: 01
- Extension activities: 01
- Innovative activities: Nil
- Co-curricular activities: less
- Overall remark: **Poor**
- **Suggestion:** To increase research & activities

Department of English

- Date of Audit: 17.04.18
- Research Publication: 05
- Research presentation: 03
- Collaborative activity: 01
- Extension activities: 01
- Innovative activities: 01
- State Level Workshop:01
- Co-curricular activities: Good

- Overall remark: **Best**
- **Suggestion:** To increase Extension activities

Department of History

- Date of Audit: 19.04.18
- Research Publication: 04
- Research presentation: 05
- Collaborative activity: 01
- Extension activities: 01
- Innovative activities: 02
- Co-curricular activities: Good
- **Dr.P.P.Kothe** as key note addressee in state level conference.
- Overall remark: **Best**
- **Suggestion:** To increase Extension and Collaborative activities

Department of Zoology

- Date of Audit: 19.04.18
- Research Publication: 04
- Research presentation: 02
- Collaborative activity: 02
- Extension activities: 11
- Innovative activities: 01
- Co-curricular activities: Good
- **Dr. V.B.Bhagat** awarded by **Indistinguish Researcher Award** in International Conference at Nagpur & worked as Rapportier
- PhD Awarded to Ku. Swati Dhabe
- Overall remark: **Best**

Department of Political Science

- Date of Audit: 19.04.18
- Research Publication: 02
- Research presentation: 01
- Collaborative activity: Nil
- Extension activities: 01
- Innovative activities: Nil

- Co-curricular activities: 01
- PhD Awarded to Mr. Prakash Pantawane
- Overall remark: **Satisfactory**

Department of Physics

- Date of Audit: 20.04.18
- Research Publication: 02
- Research presentation: Nil
- Collaborative activity: 01
- Extension activities: **Appreciable** in 14 schools
- Innovative activities: 01
- Co-curricular activities: Good
- More involvement of students in the activities conducted by the department
- Overall remark: **Best**

Department of Chemistry

- Date of Audit: 20.04.18
- Research Publication: 08
- Research presentation: 15
- Collaborative activity: 01
- Extension activities: 02
- Innovative activities: Nil
- Co-curricular activities: Good
- Overall remark: **Best**
- **Suggestion:** To increase co-curricular activities

Department of Home Economics

- Date of Audit: 20.04.18
- Research Publication: 01
- Research presentation: 01
- Collaborative activity: 03
- Extension activities: 02
- Innovative activities: 03
- Co-curricular activities: Good
- Overall remark: **Best**

Department of Botany

- Date of Audit: 23.04.18
- Research Publication: 07
- Research presentation: 06
- Collaborative activity: 01
- Extension activities: 02
- Innovative activities: 01
- Co-curricular activities: Good
- Dr. M.M.Dhore worked as Jury member in Stale level Seminar, Akola
- Dr. SN.Patole worked as Rapportier in International Conference at Nagpur
- R.S.Dhande awarded by Young scientist Award in International Conference at Nagpur & Best paper presentation Award at Stale level Seminar, Akola
- Overall remark: **Best**


Department of Economics

- Date of Audit: 23.04.18
- Research Publication: 02
- Research presentation: 02
- Collaborative activity: 01
- Extension activities: nil
- Innovative activities: 01
- Co-curricular activities: less
- Overall remark: **Satisfactory**
- **Suggestion:** To increase co-curricular activities and Innovative activities.

Library

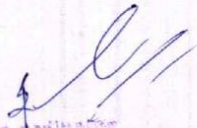
- Date of Audit: 23.04.18
- Research Publication: 02
- Research presentation: nil
- Collaborative activity: 01
- Extension activities: 02
- Innovative activities: 01
- Co-curricular activities: Good
- Overall remark: **Good**
- **Suggestion:** To increase Collaborative activities.


Co-ordinator
Internal Quality Assurance Cell
Shri Shivaji Arts, Commerce and
Science College, Akot


Principal
Shri Shivaji Arts, Commerce
& Science College, Akot
Dist. Akola (Maharashtra)

Department of Commerce

- Date of Audit: 27.04.18
- Research Publication: 02 and (04 CHB)
- Research presentation: 02
- Collaborative activity: 02
- Extension activities: 02
- Innovative activities: 01
- Co-curricular activities: Good
- Overall remark: **Best**
- **Suggestion:** To increase research publications.


Co-ordinator
Internal Quality Assurance Cell
Shri Shivaji Arts, Commerce and
Science College, Akot


Principal
Shri Shivaji Arts, Commerce
& Science College, Akot
Dist. Akola (Maharashtra)

Shri Shivaji Arts, Commerce & Science College, Akot
Academic Audit -2018-19

Schedule for verification of Documents & Submission of Academic Audit- A. Y. 2018-19

Date	24/04/2019			
Time	2 PM to 2.30 PM	2.45PM To3.15PM	3.30PM TO 4.00 PM	4PM to 4.30 PM
Appointed IQAC member for document verification	Department/ Committee	Department/ Committee	Department/ Committee	Department/ Committee
Prof. U. Tadavi Madam	Physical Education	Cultural committee	Fashion Designing	Home- Economics
Prof. D. B. Wankhade Sir	Political Science	Alumini Association	Feedback ALL	History
Dr. P.P. Kothe	Music	Marathi	Tutor Gardian	T&P & Entry in services
Dr. S. H. Pande	English	Zoology	Communication skill	Youth festival
Dr. S. V. Kolhe	Economics	E- commerce	Commerce	Study Centre
Dr. R. M. Jumle	Library	Remidial classes ALL	IQAC	Mathematics
Dr. M. M. Dhore	Computer Science	Physics	Information Tech.	Staff Council
Mr. U. T. Bhati	Botany	Bio Tech.	Women empowerment and redressal cell	Earn & Learn
Dr. S. Kayande	NSS	Analytical Chemistry	Chemistry	NCC

Note:-Please inform me, In case any committee and Department is not mention in schedule.

Documents:-

All related documents as per department Academic audit
Website data 15 Point (if not submitted early or no change in previous submission)
Keep ready NAAC related file as per mention in website data it will be collected before vacation.
AQAR and NAAC related proforma- Academic year 2018-19 it will be collected before vacation.

Academic Audit Incharge

IQAC Co-ordinator

Principal
Principal
Shri Shivaji Arts, Commerce
& Science College, Akot
Dist. Akola (Maharashtra)

Shri Shivaji Arts, Commerce and Science College, Akot
Internal Quality Assurance Cell
Academic Audit Report -2018-19

S.N.	Name of Department विभागाचे नांव	Name of Head of Department विभाग प्रमुखाचे नाव	Claim Score	Score after document Verification	Remarks
1	History	Dr. Prashant Kothe	100 / 100	100	
2	Commerce	Dr. Sunil Haribhau Pande	100 / 100	100	
3	Home Economics	Swati S Vaidya	90 / 100	95	less in one Publication
4	Political Science	Prof Gajanan Supdaji virkar	90 / 100	95	one Publication less
5	Music	Dr. S. S. Watare	100 / 100	90	less in ICT and collaboration
6	Physics	Mr. U. T.Bhati	90 / 100	90	less in Research
7	Marathi	Dr. P.R.Pundkar	90 / 100	90	less in ICT
8	Botany	Dr.M.M.Dhore	80 / 100	85	less in collaboration
9	Chemistry	Dr S P Wagh	80 / 100	80	less in collaboration
10	English	Dr. R.S. Sudke	80 / 100	80	less in collaboration
11	Physical education	P. R. Deshmukh	50 / 100	70	Marks increase after verification of documents.
12	Library	Madhuri M Deshmukh	70 / 100	70	Three point not Applicable to library in academic audit
13	Computer science	Dr. Patole sir / Mr. Amol Deshmukh	50 / 100	50	Non Granted - Good in Academic Activities. Improvement required in Extension Activities
14	Zoology	Dr.R.G.Jadhao	50 / 100	50	below expectation
15	Economics	Mr. Chandu Shriram Dhoke	20 / 100	20	below expectation
16	Mathematics	Dr. Vijay D. Elkar	30 / 100	20	below expectation

Encls:- Detail report is attache with this.


Principal
Shri Shivaji Arts, Commerce & Science College, Akot
Dist. Akota (M.S.)

Shri Shivaji Arts, Commerce and Science College, Akot
Internal Quality Assurance Cell
Academic Audit Report -2018-19

S.N.	Name of Committee समितीचे नाव	Name of Incharge प्रभारीचे नाव	Remarks
1	NSS	Prof. A. R. Somwanshi	Satisfactory
2	NCC	Dr. P.P. Kothe	Satisfactory
3	Alumini Association	Prof. G. B. Andhale	Satisfactory
4	E- commerce	Prof. A. R. Pawar	Satisfactory
5	Remidial classes ALL	Prof. A. R. Pawar Prof. G. B. Andhale Prof. G. D. Tayade	Satisfactory
6	Bio Tech.	Prof. S. N. Patoe	Satisfactory
7	Analitical Chemistry	Prof. G. B. Andhale	Satisfactory
8	Fashion Designing	Prof. S. W. Vaidya	Satisfactory
9	Feedback ALL	Dr. S.S. Watare	Satisfactory
10	Tutor Gardian	Prof. A. R. Somwanshi	Satisfactory
11	Communication skill	Prof. D. B. Wanakhade	Satisfactory
12	IQAC	Mr. U. T. Bhati	
13	Women empowerment and redressal cell	Prof. S. W. Vaidya	Satisfactory
14	T&P & Entry in service	Prof. U. T. Bhati	Satisfactory
15	Youth festival	Prof. S. S. Watare	Satisfactory
16	Competative exam Guidance Study Centre	Dr. S. H. Pande	Excellent
17	Staff Council	Prof. M. M. Deshmukh	Satisfactory
18	Earn & Learn	Dr. S. H. Pande/ Prof. U. T. Bhati	Satisfactory

Basic information of Department			No. of ICT lecture		Number of Unit test		Number of Assignment		Guest lecture, Seminar & Competition for students		Collaboration & Collaborative Activities		Total Publication (only mention publication of permanent Faculty/ies)		Total Publication (only mention CHB/Contract basis teacher)		Participation and presentation in / seminars/ workshop/		Extension Activity		Innovative Activity		Best practices of the department		Renovation or up gradation in infrastructure and Purchasing new equipment and an instrument. Mention with cost in given question.		Special Note, Achievement which not cover in above.	
Department	Score	HOD	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed		
History	100 / 100	Dr. Prashant Kothhe	9	10	12	12	6	6	02 Guest lecture, 02 seminar, 01 competition.	02, 06, 01	1	2	4	6	Na	Na	1	1	3	4	1	2	2	3	Na	Na	Treasurer akhil maharashtra zilla parishad	
Commerce	100 / 100	Dr. Sunil Haribhau Pande	20	16	2	2	23	23	3	4	4	4	4	4	4	1	1	2	2	2	4	2	3	5 Meritorious students, 50 Student's selected for Govt services Competitive Exam Study Centre has total 1271 books cost Rs.287764	Yes Study Centre has total 1271 books cost Rs.287764	Computer lab	04 Class Room cost rs 56,00,000 and 01 Computer lab with 28 computers approx cost 5,50,000	Earn and learn Schemes and Student's Bank Cycle Disbursement for poor Students DMIT Test
Home Economics	90 / 100	95	Savit S. Vaidya	6 ICT lectures	4 ICT lectures	12 unit test	Four	Four	Two guest lecture	Three guest lecture	One activity	One activity	Two research paper	One research paper ardh pub	Nil	Nil	One workshop on women empowerment	One workshop on women empowerment	One	Two extension activity	One	Two activity	Two	Three	Renovation of the Department	No	No	
Political science	90 / 100	95	Prof. Gagan Suprajivkar	8	2	4	4	4	4	4	1	1	2	4	Nil	Nil	2	6	4	4	3	3	2	2	Nil	Nil	(01) Short Term Course (02) Work as a co officer in university winter 2018 exam and Summer 2019 Exam.	
Music	100 / 100	90	Dr. S. S. Watare	2	2	4	4	4	4	2	2	Geeta yam competition organized	Completed	6	4	Nil	Nil	3	3	2	2	Musical and general of mind	1	4	4	Nil	Nil	Dr. S. S. Watare selected as Ph. D research guide in S. G. B. Azravati University

Basic information of Department			No. of ICT lecture		Number of Unit test		Number of Assignment		Guest lecture, Seminar & Competition for students		Collaboration & Collaborative Activities		Total Publication (only mention publication of permanent Faculty/ies)		Total Publication (only mention CHB/Contract basis teacher)		Participation and presentation in / seminars/ workshop/		Extension Activity		Innovative Activity		Best practices of the department		Renovation or up gradation in infrastructure and Purchasing new equipment and an instrument. Mention with cost in given question.		Special Note, Achievement which not cover in above.		
Department	Score	HOD	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed	Proposed	Completed			
Physics	90 / 100	90	Mr. U. T. Bhat	6	6	10	10	2	2	4	more than 4	1	5	2	0	2	0	2	2	4	21-25 -50	3	3	2	4	As per budget	03 major equipment	Nil	
Marathi	90 / 100	90	Dr. P.R. Pundarikar	40	Nil	40	40	40	40	Two Guest Lecture	2	1	1	1	Two research paper for each	6	Nil	Nil	1	1	1	2	1	2	1	2	Well Furnish Department & Cabin	Well Furnish Department & Cabin	Two Book Publish- Dr. A. Sharad, Two Book Publish- Dr. V.V. Tayde, Three Teachers are Research Grad
Botany	80 / 100	85	Dr. M.M. Dhooe	16	16	12	12	2	2	Guest Lecture - 2 Seminar - 2 Competition - 1	Guest Lecture - 2 Seminar - 2 Competition - 3	1	Nil	4	3	0	0	2	0	04-	3	1	1	1	1	0	0	Dr. S.N. Patil - Office Incharge of University Examination of Winter - 2018 & Summer - 2019	
Chemistry	80 / 100	80	Dr. S.P. Wagh	26	13	18	24	2	2	2	7	2	2	10	6	-	-	8	9	4	3	1	1	2	2	10	10	3 Merits in science faculty, first prize in GAT 2019 exam organize by AUCTA.	
English	80 / 100	80	Dr. R.S. Sudek	22	16	20	27	20	18	Organized Guest Lecture 01, Seminar - Nil, Competition - 1	Guest Lecture 2, Seminar 11 and competition - 1	1	Nil	4	3	4	2	8	5	6	6	3	4	Nil	1	Nil	nil	group discussion for b.a. and b.com students	
Physical education	90 / 100	70	P. R. Deshmukh	0	0	01 physical test	1	N.A	N.A	6	5	N.A	N.A	Nil	Nil	Nil	Nil	1	1	1	2	Nil	Nil	1	02	Nil	Nil	03 student got color coat in university competition Aravali G. Dhore weightlifting Ka mamtha D. Bharskale and ka zilla, dist. exam.	
Library	70 / 100	70	Madhuri M. Deshmukh	Na	Na	Na	Na	Na	Na	1	1	02	01	2	2	Na	Na	1	1	2	2	1	1	2	3	Na	Na	Special member ship to out side Provide the university question papers New arrivals are display	

Search results - Google Drive x Academic audit of faculty memb x Shri Shivaji Arts, Commerce & Sc x You've already responded x

docs.google.com/forms/d/e/1FAIpQLSfSLX0s4cgtH7u5r-Z25bHILSoZO7QibV02bog1kLrHTFaAkg/viewform

Shri Shivaji Arts, Commerce & Science College Akot. Academic Audit of Teacher -A.Y.2018-19

The purpose of this questionnaire is to collect the quantitative & qualitative information of the academic activities audit of the work done by you in this session, you should fill the correct information of the performance of this session in this application and attach necessary documents with this. या प्रश्नावलीचा उद्देश हा सत्र आपणाकडून केलेल्या कामाच्या शैक्षणिक क्रियाकलापांच्या लेखा-परीक्षेचे प्रमाणित आणि गुणात्मक माहिती गोळा करणे आवश्यक आहे, या अर्जाच्या कार्यप्रदर्शनाची योग्य माहिती आपण या अनुप्रयोगात भरली पाहिजे आणि यासह आवश्यक दस्तऐवज संलग्न करावे.
If answer is Yes then mention in brief in other option.जर उत्तर होय असेल तर अन्य पर्यायामध्ये थोडक्यात सांगा.

* Required

Email address *

Your email

Faculty शाखा *

Arts कला

Commerce वाणिज्य

Search results - Google Drive x Academic audit of faculty memb x Shri Shivaji Arts, Commerce & Sc x You've already responded x

docs.google.com/forms/d/1qWkh6PkdnBX0EtPtD0Fm694jixT2NgX93P9fMY6cCo/edit#responses

Academic audit of faculty member All changes saved in Drive

Questions Responses 63

63 responses

Accepting responses

Summary Question Individual

Who has responded?

Email

- umarbhati2008@rediffmail.com
- sphurtimeishkar@gmail.com
- ankitazamare1995@gmail.com
- sphurtimeishkar@gmail.com (1)
- deshmukhaishwarya69@gmail.com

Shri Shivaji Arts, Commerce & Science College Akot. Academic Audit of Department -A.Y.2018-19

The purpose of this questionnaire is to collect the quantitative & qualitative information of the academic activities work done by department in this session. Head of department should fill the correct information of the performance of this session in the application and attach necessary documents. या प्रश्नवलीचा उद्देश या सत्रात विभागातर्फे केलेल्या शैक्षणिक क्रियाकलापांची संख्यात्मक आणि गुणात्मक माहिती गोळा करणे आहे. विभागाच्या प्रमुखांनी या सत्राच्या कामगिरीची योग्य माहिती अर्जामध्ये भरली पाहिजे आणि आवश्यक कागदपत्रे जोडली पाहिजेत.

Your activities will not be considered unless you complete the document. दस्तऐवज पूर्ण केल्याशिवाय आपल्या क्रियाकलापांवर विचार केला जाणार नाही.

The question in this form is descriptive, so, it is advice to fill the form on computer instead of mobile. या फॉर्ममधील प्रश्न वर्णनात्मक आहे. म्हणून, मोबाईल ऐवजी संगणकावर फॉर्म भरण्याचा सल्ला दिला जातो.

* Required

Email address *

Your email

Faculty सांखी *

Academic Audit of department with marks

Questions Responses 20

Total points: 100

drprashantkoth@gmail.com (1)	90	Apr 12 9:01 AM
deshmukhmadhuri123@gmail.com	30	Apr 12 12:59 PM
drprashantkoth@gmail.com (2)	90	Apr 12 1:15 PM
sopanwatare@rediffmail.com	100	Apr 12 2:40 PM
waghsanjay77@yahoo.com	70	Apr 12 3:10 PM
sunilhpande@gmail.com	100	Apr 12 4:04 PM
panjabpundkar@gmail.com	90	Apr 13 12:25 PM
csdhoke1306@gmail.com	20	Apr 13 12:39 PM
vijayelkar@rediffmail.com	30	Apr 13 1:39 PM

Faculty सांखी

20 responses

SHRI SHIVAJI ARTS, COMMERCE & SCIENCE COLLEGE, AKOT

Academic Diary

Personal Information



1. Name : R. M. Jumble
2. Qualification : Mr. Sc. M.Phil. Ph.D
3. Department : Chemistry
4. Designation : Associate Professor
5. Address : Purva Apartment, Akot
6. Telephone No. : (Res.) -
(Off.) 07258. 22647.
(Mob) 9421752707
7. Email : jumble.ravi@gmail.com
8. Pan No. : _____
9. G.P.F. Account No. : Akt. 2626.
10. Bank Account No. : _____
11. Vehicle No. : MH-80-7801.
12. Driving Licence No. : -
13. Insurance Policy No. : _____
14. Blood Group : B+ve

Semester - I & II & III
IV & V

Personal Time Table

Session 2017-18

Periods	1	2	3	4	5	6	7	8	9
Time Day	10.10. to 12.40	—	12.40		1.30 to 3.30				
Mon.	B. se II practical		B. se I		B. se I	-	-	-	.
Tue.	← →								
Wed.			12.40 to 3.20 (practical)						
Thu.			← 12.40 to 3.20		3.20			4.15 to 5.15	B. se III (T)
Fri.		11.40 to 11.50	(T)		1.30 B. se I (T)				
Sat.		B. se Part II practical			1.30 (T) B. se I				

Personal Time Table

Session _____


Periods	1	2	3	4	5	6	7	8	9
Time Day									
Mon.									
Tue.									
Wed.									
Thu.									
Fri.									
Sat.									

For Semester I, III & V
**INDIVIDUAL TIME TABLE TEACHING WORKLOAD AND PERIOD OF STAY
 IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2017-18**


Name of Teacher: R. M. Jumble

Day	Timing of Teaching Work/ Practical Alloted					Work Load Hrs. Min.	Period of Stay	Total Duration (in Hrs.)
	Theory			Practical				
	Class	Time	R. No.	Time	Batch			
Mon.	B.Sc. II	-	-	10.10 to 12.40	B1 + B2	2.30 hr	7 hr	7 hr
Thu.	B.Sc. II	-	-	10.10 to 12.40	B1 + B2	2.30 min	7 hr	7 hr
Wed.	B.Sc. II	-	-	12.40 to 3.20	M1 + M2	2.30 min	6 hr	6 hr
Thu.	B.Sc II B.Sc II	4.50 to 5.05	-	12.40 to 3.20	M1 + M2	3.20 min	6 hr	6 hr
Fri.	B.Sc III B.Sc I	11 to 11.50 1.20 to 2.20	2 L.H.	- -	- -	1.40 hr min	6 hr	6 hr
Sat.	B.Sc II B.	-	-	-	-	3.20 min	6 hr	6 hr
Total								

HEAD OF THE DEPT.


 H.O.
 Deptt. of Chemistry
 Shri Shivaji College, Akot

TEACHER


 (R. M. Jumble)

Academic Diary

Principal
 Shri Shivaji Arts, Commerce

For Semester II, IV & VI
INDIVIDUAL TIME TABLE TEACHING WORKLOAD AND PERIOD OF
IN THE DEPARTMENT/COLLEGE FOR THE ACADEMIC YEAR 2017

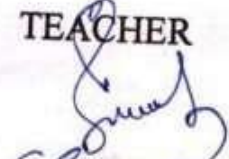
Name of Teacher: Dr. R. M. Jume

Day	Timing of Teaching Work/ Practical Alloted					Work Load Hrs. Min.	Period of Stay	T Dur (in
	Theory		Practical					
	Class	Time	R. No.	Time	Batch			
Mon.	B.Sc II (B ₁ + B ₂)	10:10 to 12:40	V	10:10 to 12:40	B ₁ + B ₂	2:30 min	7 hr	7 hr
Thu.	B.Sc II	-	-	10:10 to 12:40	B ₁ + B ₂	2:30 min	7 hr	7 hr
Wed.	B.Sc II	-	-	12:40 to 3:20	M ₁ + M ₂	2:30 min	6 hr	6 hr
Thu.	B.Sc II	4:15 to 5:05	1	12:40 to 3:20	M ₁ + M ₂	3:20	6 hr	6 hr
Fri.	B.Sc III B.Sc I	11 to 11:50 1:30 to 2:30	2 L.H.	-	-	1:40 min	6 hr	6 hr
Sat.	B.Sc II B.Sc I	1:30 to 2:30	L.H.	10:10 to 12:40	B ₃ + B ₄	3:20 min	6 hr	6 hr
Total	-	-	-	-	-	16 hrs	38	38 hr

HEAD OF THE DEPT.

TEACHER


 H.O.
 Deptt. of Chemistry
 Shri Shivaji College, Akot


 (R. M. Jume)

Academic Diary


 Principal
 Shri Shivaji Arts, Commerce
 & Science College, Akot
 Dist. Akola (Maharashtra)

Annual Plan (Micro Level)

Semester I

Session: 2017-18

Class: B. Sc. Part I.

Subject: Chemistry

Paper/Unit: V & VI

Approximate Theory Periods required: 32 Period.

Approximate Practical Periods required: —

Sr. No.	Unit	Micro Planning for topic to be covered in each unit	Lectures required	Duration/ Month
1.	<p>VI Gaseous State</p> <p>GASEOUS STATE</p> <p>UNIT II Thermodynamics</p>	<p>PART A. Postulates of Kinetic theory of gases. Derivation of $\rho = \frac{1}{3} n m \bar{c}^2$ Maxwell-Boltzmann distribution of velocity. R.M.S. Average velocity & most probable velocity. Mean free path, collision diameter, collision frequency. Ideal and real gases. And related experiments. Critical constant P_c, T_c, V_c deduced eq. of state</p> <p>Part B: Phase rule. phase components & degree of freedom, phase system - that is Sulphur</p> <p>Thermodynamics Thermodynamical terms first law & second law of thermodynamics. Carnot cycle, efficiency of heat engine, entropy change Entropy for ideal gas isothermal process & isobaric process</p>	<p>12 L</p> <p>4 L</p> <p>16 L</p> <p>2</p>	<p>July 2017 to August 2017</p> <p>August 2017.</p> <p>Sept-16</p> <p>Oct-16.</p>
Total				

Academic Diary

Principal
Shri Shivaji Arts, Commerce & Science College, Akot

NO. _____
Date: _____
Shri Shivaji College, Akot

Annual Plan (Micro Level)

Sem I

Session : 2017-18

Class : B.Sc. Part I

Subject : Chemistry

Paper/Unit : (V)

Approximate Theory Periods required : continue

Approximate Practical Periods required : continue

Sr. No.	Unit	Micro Planning for topic to be covered in each unit	Lectures required	Duration/ Month
	Thermodynamics	Evaluation of different expressions showing relationship between pressure, volume and temperature. First law of thermodynamics & its limitations. Work of Second law of thermodynamics.	04	Sept 2017
	Carnot Heat Engine	Derivation of expression for the work done and efficiency of Carnot Engine. Numericals.	04	Oct 2017
	Entropy	Concept of Entropy. Physical significance of Entropy. Entropy change for ideal gas. Entropy of fusion, sublimation, vaporization transition and its calculation. Entropy change for reversible and irreversible process. Entropy change as a criteria for spontaneity. - Numericals.	06	
Total				

Academic Diary

H.O.
Deptt. of Chemistry

Annual Plan (Micro Level)

Session : 2017-18 Class : B. Sc. II - Sem. II

Subject : Chemistry Paper/Unit : II

Approximate Theory Periods required : 16 period

Approximate Practical Periods required : Practical of B₁, B₂, B₃, B₄
M₁ & M₂ Batches

Sr. No.	Unit	Micro Planning for topic to be covered in each unit	Lectures required	Duration/ Month
Batches B. Sc. II. B ₁ + B ₂		Exercise - 1 • volumetric analysis 1. To prepare 0.1N standard oxalic acid solution and find out ANC of an antacid using NaOH.		July-17
B. Sc. II. B ₃ + B ₄		• To prepare 0.1N H ₂ SO ₄ solution and find out its exact normality using NaOH.		Aug-17
B. Sc. II. M ₁ + M ₂		• To determine the strength of oxalic acid by titration with KMnO ₄ .	220	Sept-17
Semester III		• To determine % purity of FAS by titration with KMnO ₄ .		Oct 2017
		• To determine strength of FAS by titration with K ₂ Cr ₂ O ₇ .		
		• To determine strength of K ₂ Cr ₂ O ₇ by titration with FAS using internal indicator.		
	Exercise II	- Physical Experiments • To determine solubility of benzoic acid at different temperatures. • Partition coefficient. • Kinetics Experiments - (2)		
Total		• To determine transition temp of MnCl ₂ · 4H ₂ O.		

Academic Diary

[Signature]

H.O...

Deptt. of Chemistry

[Signature]

Principal

Shri Shivaji Arts, Commerce & Science College Akot

Annual Plan (Micro Level)

Semester III

Session: 2017-18

Class: B.Sc. III

Subject: Chemistry

Paper/Unit: Practical

Approximate Theory Periods required: —

Approximate Practical Periods required: continue —

Sr. No.	Unit	Micro Planning for topic to be covered in each unit	Lectures required	Duration/ Month
Batches B1+B2 Sem III	f	To determine the Refractive index by Abbe refractometer.	Conti-	Given
	h			
B3+B4 Sem III and	y	To construct the phase diagram of phenol the system and to determine consolute temperature for the system.		m
	s			
B3+B4 Sem III and	I	To study the kinetics of saponification of ethyl acetate by NaOH (Equal concentration)		last
	c			
M1+M2 Sem-III	a	To determine partition coefficient of Benzoin acid between benzene and the.		P-a-j-e
	e			
M1+M2 Sem-III	m			
	f			
M1+M2 Sem-III	r			
	a			
M1+M2 Sem-III	c			
	t			
M1+M2 Sem-III	E			
	Cal.			
Total				

Academic Diary

[Signature]

H.O. of Chemistry

Annual Plan (Micro Level)

Sem - V.

Session : 2017-18.

Class : B. Sc. III

Subject : Chemistry

Paper/Unit : Unit VI

Approximate Theory Periods required : 16.

Approximate Practical Periods required : -

Sr. No.	Unit	Micro Planning for topic to be covered in each unit	Lectures required	Duration/ Month
U N I T V. I C T R O S C O P Y	M O L E C U L A R S P E C T R O S C O P Y	Electromagnetic radiation	04	July-17
		Characterization of E.M.R. in terms of wavelength, frequency, wave no. and energy of photon		
		Spectrum of electromagnetic radiation	04	August 2017
		Energy level diagram of a molecule indicating electronic, vibrational and rotational transitions.		
phy- sical Chem.	S P E C T R O S C O P Y	Conditions for pure rotational spectrum. Derivations of expression for moment of inertia of diatomic rotor	04	Sept- 2017
		Applications of microwave spectroscopy for the determination of M.I and bond length		
		Vibrational spectroscopy	04	Oct 17
		Zero Point Energy.		
		Determination of force constant	04	Oct 17
		Raman effect condition for exhibiting Raman spectrum		
		Selection rule for rotational spectrum, vibrational-Raman spectrum. Problems.		
Total				

Academic Diary

H.O.
Deptt. of Chemistry
Shri Shivaji College, Akot

Principal
Shri Shivaji Arts, Commerce & Science College, Akot
Dist Akola (Maharashtra)

MONDAY

Date : 3.07.17

Arrival Time 10.50

Practical.

B. sc. II. Batch Time (10.10 to 12.40)

(B₁ + B₂).

Sem - III

Introduction of Practical
Syllabus.

Departure Time 5.00.

THUESDAY

Date : 4.07

Arrival Time 10.10. am.

Practical

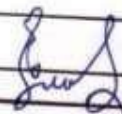
B. sc. II. Batch Time 10.10 to 12.40.

(B₁ + B₂)

Sem - III

Discussion on Inorganic Chemistry
Practicals.

Departure Time 5.15 pm



Academic Diary

WEDNESDAY

Date : 5.07.2017

Arrival Time 11.0am.

Practical. B. ser. II.

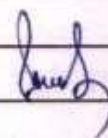
Batch - (M1 + M2)

Time. 12.40 to 3.20 pm.

Sem III.

Introduction of Practical Syllabus.

Departure Time 5.15pm.



THURSDAY

Date : 6.07.2017

Arrival Time 11.0am.

Practical

B. ser. II.

Batch (M1 + M2) - Time. 12.40 to 3.20 pm.

Sem III.

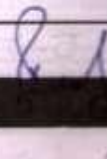
- Discussion on Inorganic chemistry
Practical

Theory B. Ser II (Bio/math) Time 4.15 to 5.05

Thermodynamics & Introductory Part
of the Unit:

Departure Time

5.15.



SHRI SHIVAJI COLLEGE AKOT

Academic Diary

2015-2016

PERSONAL INFORMATION

1. Name : Dr. Sanjay Vitthalsao Kolhe
2. Qualification : M.Sc. M.Phil, Ph.D
3. Department : Department of chemistry
4. Designation : Associate professor
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10. Bank Account No. : 20 220 20 4335
1. Vehicle No. : MH-30P 2592, MH-30N-8378
2. Driving Licence No. : MH-30/5238/2001 Dated 26.06.2001
3. Insurance Policy No. : _____
4. Blood Group : AB+ve.

Annual Plan (Micro Level)

Session : 2015 - 2016 B

Class : B.Sc. Part - I (Math)

Subject : Chemistry

Paper / Unit : Unit - III and IV

Approximate Theory Periods required : 24

Approximate Practical Periods required : _____

Sr. No.	Unit	Micro planning for topic to be covered in each unit	Lectures required	Duration/ Month
	Unit III	Electronic displacement, Inductive, electromeric, Resonance and Hyperconjugation effect. Hydrocarbons :- method of preparation of alkane, chemical reaction of alkane Alkene :- method of preparation, E ₁ and E ₂ mechanism, Markonikoff and peroxide effect. Butadiene :- classification, preparation and chemical reaction Alkyne :- preparation, and chemical reaction	03 02 - 03 02 02	12
	Unit III	Aromatic Hydrocarbons :- Introduction, structure determination of benzene, Kekule's structure, method of preparation chemical reaction of benzene Halogenation, Nitration, Sulphonation, Acylation, alkylation Effect of substitution :- o, p and meta directing group Electronic displacement theory on the basis of modern electronic theory	02 02 02 03 03	12
Total				

Annual Plan (Micro Level)

Session : 2015 - 2016

Class : B.Sc II (M+B)

Subject : chemistry

Paper / Unit : IVth

Approximate Theory Periods required : 15

Approximate Practical Periods required : _____

Sr. No.	Unit	Micro planning for topic to be covered in each unit	Lectures required	Duration/ Month
	Unit IV	Stereochemistry: Introduction, classification of isomers, conformation and configuration, Enantiomers, diastereoisomers, - Racemic mixture, Resolution of racemic mixt., - D and L nomenclature, R & S nomenclature system - conformation, cis and trans nomenclature, E and Z nomenclature system, conformation of ethane, butane and cyclohexane Bayes's strain theory and its limitation.	02 02 - 03 02 03 03.	(15)
Total				

Annual Plan (Micro Level)

Session : 2015 - 2016

Class : B.Sc. Final. (M+B)

Subject : Chemistry

Paper / Unit : IVth

Approximate Theory Periods required : 12

Approximate Practical Periods required : _____

Sr. No.	Unit	Micro planning for topic to be covered in each unit	Lectures required	Duration/ Month
	Unit IV	<p>Dyes :- Introduction, classification of dyes on the basis of chemical structure and on the basis of application.</p> <p>Drugs :- Introduction, Antipyretic and analgesics, sulpha drugs. antimalarial drugs.</p> <p>Pesticides :- Introduction, preparation and uses of pesticides</p>	<p>03</p> <p>03</p> <p>03</p>	15.
Total				

(Signature)