Sangamner Nagarpalika Arts, D. J. Malpani Commerce and B. N. Sarda Science College, Sangamner

SANGAMNER NAGARPLAIKA ARTS, D. J. MALPANI COMMERCE AND B. N. SARADA SCIENCE COLLEGE, SANGAMNER -422605, MAHARASHTRA

# Part – A

# **1. Details of the Institution**

1.1 Name of the Institution	Shikshan Prasarak Sanstha's Sangamner Nagarpalika Arts, D. J. Malpani Commerce and B.N. Sarda Science College, Sangamner
1.2 Address Line 1	Ghulewadi
Address Line 2	Pune-Nashik Highway NH 60, Sangamner
City/Town	Sangamner, District: Ahmednagar
State	Maharashtra
Pin Code	422605
Institution e-mail address	info@sangamnercollege.edu.in
Contact Nos.	02425-225893
Name of the Head of the Institution:	Principal Dr. K. K. Deshmukh
Tel. No. with STD Code:	02425-225893
Mobile:	+919860416629
Name of the IQAC Co-ordinator:	Mr. S. A. Pingle
Mobile:	+919422089803

Sangamner Nagarpalika Arts, D. J. Malpani Commerce and B. N. Sarda Science College, Sangamner

IOAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

#### 1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner-bottom of your institution's Accreditation Certificate)

1.5 Website address:

igac@sangamnercollege.edu.in

MHCOGN10484

EC/(SC)/18/A&A/9.3 dated November 05, 2016

www.sangamnercollege.edu.in

Web-link of the AQAR:

www.sangamnercollege.edu.in/iqac/ sangamnercollegeagar1617.pdf

**1.6 Accreditation Details** 

Sr. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	B++		8 <sup>th</sup> Jan. 2004	7 <sup>th</sup> Jan 2011
2	2 <sup>nd</sup> Cycle	А	3.15	8 <sup>th</sup> Jan. 2011	7 <sup>th</sup> Jan. 2016
3	3 <sup>rd</sup> Cycle	A+	3.58	5 <sup>th</sup> Nov. 2016	4 <sup>th</sup> Nov. 2021

1.7 Date of Establishment of IQAC : DD/MM/YYYY

13/09/2004

**1.8 AQAR for the year** (for example 2010-11)

2016-17

1.9 Details of the previous year's AQAR submitted to NAACafter he latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11submitted to NAAC on 12-10-2011)

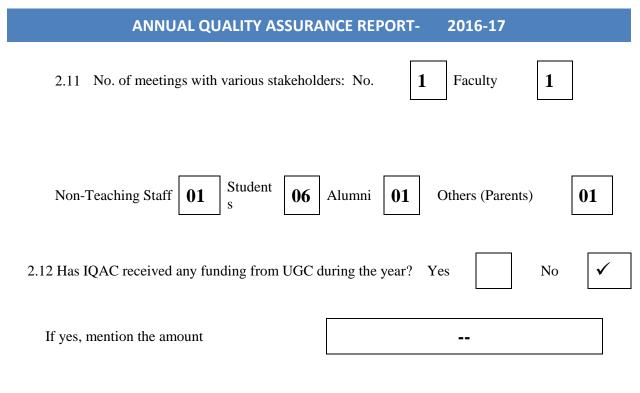
- i. AQAR 2011-12 Submitted on 31/12/2012
- ii. AQAR 2012-13 submitted on 30/09/2013
- iii. AQAR 2013-14 submitted on 30/09/2014
- iv. AQAR 2014-15 submitted on 30/09/2014

1.10 Institutional Status					
University	State	✓ Central	Deemed	Privat	e
Affiliated College		Yes	✓ No		
Constituent College		Yes	No	$\checkmark$	
Autonomous college of	of UGC	Yes	No	$\checkmark$	
Regulatory Agency ap (e.g. AICTE, BCI, M	-	Yes	No	$\checkmark$	
Type of Institution	Co-education	✓ Mer	n Wo	omen	]
	Urban	Rural	✓ Trib	al	]
Financial Status	Grant-in-aid	✓ UGC	2(f) <b>V</b> UG	C 12B	]
Grant-in-aid + Self F	inancing	✓ Totally	/ Self-financing		]
1.11 Type of Faculty/Program	mme				
Arts 🗸 Scien	ce 🗸 Commer	ce 🖌 Lav	W PEI (Pl	nys Edu)	
TEI (Edu)	Engineering	Health Scie	nce Ma	nagement	
1.12 Name of the Affiliatin	g University (for th	ne Colleges)	Savitribai Phule	Pune Universi	ty, Pune
1.13 Special status conferred	by Central/ State (	Government	UGC/CSIR/DST/	DBT/ICMR e	tc
Autonomy by State/Central	Govt. / University			No	
University with Pot	ential for Excellenc	ce []	NA UGC-CPE		

# DST Star Scheme✓UGC-CEUGC-Special Assistance ProgrammeNADST-FISTUGC-Innovative PG programmesNOAny other (Specify)UGC-COP ProgrammesNOImage: Comparison of the sector of

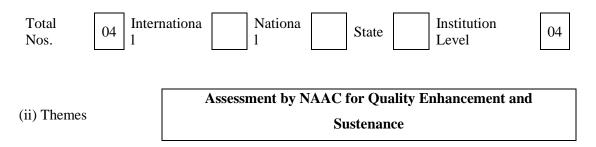
# 2. IQAC Composition and Activities

2.1	No. of Teachers	7
2.2	No. of Administrative/Technical staff	5
2.3	No. of students	1
2.4	No. of Management representatives	1
2.5	No. of Alumni	1
2.6	No. of any other stakeholder and community representatives	1
2.7	No. of Employers/ Industrialists	1
2.8	No. of other External Experts	1
2.9	Total No. of members	19
2.10	No. of IQAC meetings held	2



- 2.13Seminars and Conferences (only quality related)
  - (i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC -

Following 04 Workshops organized by the IQAC at the Institution level.



2.14 Significant Activities and contributions made by IQAC

- Efforts for promotion of Mini Research Scheme for temporary teachers were taken in coordination with Research Advisory Committee.
- Feedback on Teaching and Curriculum were collected from Students. They were analysed and communicated to the concerned teachers and authorities.
- Since 2016- 17 was the year for NAAC Peer Team Visit, activities of IQAC revolved around arranging NAAC Peer Team Visit. IQAC played pivotal role in successfully conducting Peer Team Visit.

- State of Arts Self Study report was submitted to NAAC. Departmental Presentations of all Teaching Departments and Student Support Activities were extensively observed and suggestions were made to ensure that PTV goes smoothly.
- IQAC also observed the preparations of Support services such as NSS, NCC, Cultural Forum.
- PTV was conducted on  $8^{th} 10^{th}$  September 2016.
- A+ grade with CGPA 3.58 was awarded on 5<sup>th</sup> Nov 2016.
- Post NAAC, felicitation of Staff was done to appreciate their contribution on 14<sup>th</sup> March 2017. Dr.
   S. F. Patil, Ex Vice Chancellor of North Maharashtra University, Jalgaon addressed on this occasion to give foresight for 4<sup>th</sup> cycle accreditation.

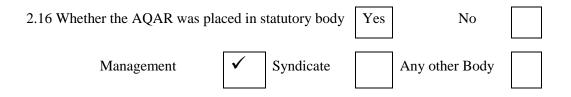
2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year \*

Plan of Action	Achievements			
Preparation of Academic Calendar	Academic calendar was drafted and published in the Institutional Information Brochure and Website			
To Collect Feedback on Syllabus and Teaching from Various stakeholders	Feedback collected from Students on Syllabus as well as Teaching. Feedback from Parents was also obtained and analysed. Student Satisfaction index was calculated			
Updating of Institutional website	All AQARs, Past and recent SSRs, Departmental presentations, IQAC meeting minutes were uploaded on College website			
Internal Audits to verify documentation in Internal Audits conducted and d				
all departments.	verified as regular practice.			
Arranging Mock Peer Team Visits for NAAC PTV	<ol> <li>Mock Peer Team Visits were arranged</li> <li>3<sup>rd</sup> Oct 2016: Dr. R. S. Mali, Ex- V. C., NMU, Jalgaon</li> <li>13<sup>th</sup> Oct 2016: Dr. M. R. Kurup, Secretary, Kelkar Education Society, Mumbai</li> <li>Dr. Beena Inamdar, Ex- Principal, Symbiosis College, Pune</li> <li>12<sup>th</sup> August 2016: Dr. B. D. Bhole, Coordinator, IQAC, Garware College, Pune and Dr. Sameer Terdalkar, Coordinator, IQAC, Fergusson College, Pune</li> <li>19<sup>th</sup> Aug 2016: Dr. S. F. Patil, Ex Vice Chancellor, NMU, Jalgaon</li> </ol>			

Arranging Peer Team Visit	PTV conducted on 8 <sup>th</sup> – 10 <sup>th</sup> Sept 2016: Chairman: Dr. M. Abdul Rahiman Member Coordinator: Prof. U Subbarao Member: Dr. Siddhartha Gupta A+ grade with CGPA 3.58 awarded on 5 <sup>th</sup> Nov 2016
Post Accreditation Planning	Felicitation of Staff on 14 <sup>th</sup> March 2017 and guidance by Dr. S. F. Patil Ex VC, Jalgaon University.

\* Academic Calendar 2016-17 is attached as Annexure - 1



The AQAR 2016-17 was placed and approved in the Local Management Council.

# Part – B

# **Criterion** – I

# **<u>1. Curricular Aspects</u>**

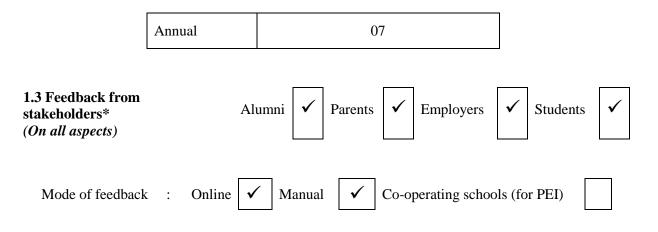
#### **1.1 Details about Academic Programmes**

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	16	-	06	-
PG	16	-	09	-
UG	28	05	12	-
PG Diploma	01	-	01	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	02	-	02	-
Others	04	-	04	10
Total	57	05	34	10
Interdisciplinary				
Innovative				

 $\checkmark$   $\checkmark$   $\checkmark$ 

**1.2** (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options (ii) Pattern of programmes:

Pattern	Number of Programmes
Semester	08
Trimester	-



Feedback Details attached in Annexure II

**1.4** Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

No.

#### 1.5 Any new Department/Centre introduced during the year. If yes, give details.

Yes, following courses were approved by Savirtibai Phule Pune University, Pune and Government of Maharashtra and new departments for the courses were introduced.

- B. Sc. Microbiology,
- B. A. History and
- BCA (Science)

\*\*\*

## **Criterion – II**

# 2. Teaching, Learning and Evaluation

38

-

#### 2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
75	49	21	02	03

#### 2.2 No. of Permanent Faculty wit Ph.D.

	<b>D</b> 1/1 <b>D</b> 1/1		
2.3 No. of Faculty	<b>Positions Recruited</b>	(R) and Vacant	(V) during the year

Ass Profes		Asso Profe	ciate ssors	Profe	ssors	Oth	ners	To	tal
R	V	R	V	R	V	R	V	R	V
38	25	21	00	02	00	03	00	64	25

# 2.4 No. of Guest and Visiting faculty and Temporary faculty2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	06	15	60
Presented papers	33	17	21
Resource Persons	02	05	05

#### 2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. **Department of Management (BBA/ BBA CA):** Participation of students in Sapphire Business Expo to learn Sales Training. Entrepreneurship Training for around 50 students was offered. Students also take active participation by starting own stall.

#### 2. Department of Chemistry:

- **a.** Recycling of CTC and Conservation of Ozone: Carbon Tetrachloride (CTC) had been declared as Dangerous Devil by Montreal Protocol as it is responsible for Ozone depletion. Hence, attempts are made to recover and reuse during practical in every academic year under the guidance of Dr. D. B. Gujarathi. About 800 ml CTC has been recycled.
- **b. Inculcation of Green Chemistry Practice among S.Y.B.Sc. Chemistry Students:** The Practice of Green Chemistry involves adoption of 12 Commandments framed by Paul Anastus, founder of Green Chemistry Approach. Though, Green Chemistry is not a part of S.Y.B.Sc. Practical Chemistry syllabus, Dr. D. B. Gujarathi used to inculcate Green Chemistry among the S.Y.B.Sc. students. They are appealed to use minimum chemicals, curtailment in LPG and electricity usage, effluent treatment etc. so as to reduce chemical pollution caused by academic laboratories.
- 3. **Department of Commerce:** Initiated Entrepreneurship Club where students were encouraged to initiate start-ups providing them with necessary support with the help of Commerce Lab. Group of students participated in Lions Club Sapphire Business Expo to explore their Entrepreneur skills.
- 4. Department of Computer Science:
  - a. Aptitude Test were conducted to judge intellectual level of students
  - b. Students work on live projects conducted by software companies, PunjaTech and VIKERN Software Technology Pvt. Ltd Sangamner
- 5. Department of English:

#### Screening of Films

**TYBA Students** i) Animal Farm (28-9-2016) ii) Old Man and the Sea (4-1-2017)

- 6. **Department of Philosophy:** Regular updating of Website of the department and blog for ICT enabled teaching
- 7. **Department of Physics:** Development of low cost experimental laboratory kits by students for smooth conduct of practicals leading to consultancy and revenue generation.

#### 2.7 Total No. of actual teaching days during this academic year

Term – I	Term – II	Total
108	135	243

# 2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Centralized system is developed for conducting internal examinations of Science faculty.
- Open book examination conducted for all PG course under choice based credit system.

- Photocopy of the answer sheet was provided to desired student as per the University norms.
- The affiliating University has initiated Bar-coding of Answer sheets for the examinations. The same has been effectively conducted in the college.
- 2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop.

The Boards of Studies of respective subjects have been dissolved. No syllabus revision/ development was carried out during the academic year 2016-17

Name of the teacher	Name of the Committee (with details such as subject/faculty etc.	Position held	Academic session from which the position is held
	BOS, Vocational Commerce	Chairman	2016-18
	BOS Vocational Commerce	Member	
	Academic Council	Member	
	Faculty of Commerce	Member	
	BOS in Accountancy & Statistics,	Member	
Dr. A. H.	University of Rajasthan, Jaipur	Member	
Gaikwad	BOS in Management Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Member	
	32(5)(a) Examination Committee of University of Pune (2011-2015)	Member	
	Syllabus Framing Committee for Bcom. & M.Com Accountancy & Statistics, University of Rajasthan, Jaipur	Member	
	BOS in (BBA) Computer Appl	Chairman	
Dr. D. M.	Academic Council, SPPU	Member	2016-18
Gujarathi	Faculty of Commerce	Member	- 2010-10
	32(5)(a) Examination Committee of University of Pune	Member	

	BOS in (BBA) Computer Appl	Member	
CA Dr. A. D. Divekar	BOS Vocational Commerce	Committee of University of	2016-18
Divolui	32(5)(a) Examination Committee of University of Pune	Committee of University of	

#### 2.10 Average percentage of attendance of students- 80%

#### 2.11 Course/Programme wise distribution of pass percentage:

	Total no. of			Division	ı	
Title of the Programme	students appeared	Distinction %	I %	II %	III %	Pass %
T.Y.B.A.	167	19	30	34	1	52.17%
T.Y.B.Com.	372	15	113	105	7	65.39%
T.Y.B.Sc.	228	108	39	7	0	67.54%
T.Y.B.C.S.	70	19	27	0	0	65.71%
T.Y.B.B.A	26	0	11	7	3	80.76%
T.Y.B.C.A.	41	2	7	10	0	46.34%
M.A-II (Sem-IV)	119	22	47	28	10	93.85%
M. Sc-II Org. Chem.	24	13	11	0	0	100.00%
M. Sc-II Analy. Chem.	23	3	18	2	0	100.00%
M. Sc- II Bot.	20	4	11	2	0	85.00%
M.Sc II Physics	23	9	13	0	0	95.65%
M.A./M.ScGeo-II	18	4	7	1	0	66.66%
M.Sc II Zoology	20	18	2	0	0	100.00%
M.Com II	147	79	58	3	0	95.23%
M.C.A. (Sci) - III	14	12	2	0	0	100.00%
M. Sc. (Comp. Sci)	30	21	9	0	0	100.00%
P. G. Diploma In Journalism	13	3	3	6	0	92.30%
Total	1355	351	408	205	21	72.69%

#### 2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning Process:

1. **Institutional and Department Quality Objectives**: Every department of the institution sets its Quality Objectives related to results, curricular, co-curricular and extra-curricular activities for every academic year.

- 2. **Teaching Plans:** Teachers of the concerned departments prepare their Term-wise teaching plans of the papers they teach. These plans are checked and the implementation of the plan is verified by the concerned head of the department.
- 3. **Monitoring of teaching process:** IQAC monitors the teaching process of all departments of the institution through the Monthly Teaching Summary submitted by the Head of each department.
- 4. Academic Audits: The IQAC has trained some of the teachers from the college for conducting academic audits. It conducts 'Academic Audits' biannually i. e. in each term. The trained teachers visit other departments as per the schedule to verify the teaching-learning process & related activities. The concerned department and its teachers are made aware of the positive and negative aspects of the process. Suggestions for improvement are also given and the follow-up is taken accordingly. The record of the same is maintained by IQAC.
- 5. **Feedback:** Students' feedback on teachers is one of the important means to bring improvement in Teaching-Learning process. Hence, the IQAC of the institution has prepared the questionnaire, keeping in view the points for improvements in different aspects of teaching and teacher's behavior on four-point scale. Students' feedback on teachers is conducted biannually i.e. in each term/semester by the Feedback Committee. The feedback is analysed and communicated, negative or positive, to the concerned teacher through the head of the department. In case of the teachers receiving below average feedback the concerned HoD asks for the action plan of improvement and implantation is monitored and verified by the HoD.

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	04
UGC – Faculty Improvement Programme	02
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	02
Others	-

#### 2.13 Initiatives undertaken towards faculty development

#### 2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	07	06	-	22
Technical Staff	22	41	-	71

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# Criterion – III

# 3. Research, Consultancy and Extension

#### 3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- **1.** An initiative of IQAC, Student Research Scheme, was continued this year as well with great success.
- As suggested by IQAC, the Second issue of the In House Research Journal- The Explorer was published in May 2017. ISSN 2456-0995 Special Issues on Conferences organized in College were also released.
- **3.** IQAC coordinated with Research Advisory Committee to promote the Mini Research Scheme.

#### **3.2** Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	04	-	-
Outlay in Rs. Lakhs	-	2741000	-	-

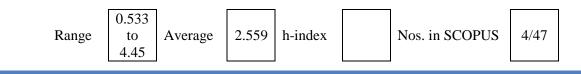
#### **3.3** Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		06	08	-
Outlay in Rs. Lakhs	-	918000	1495000	-

#### **3.4** Details on research publications

	International	National	Others
Peer Review Journals	76	20	0
Non-Peer Review Journals	0	07	02
e-Journals	08	0	01
Conference proceedings	18	01	01

#### 3.5 Details on Impact factor of publications:



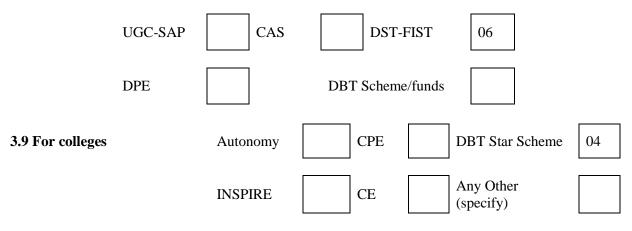
# **3.6** Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	2 yrs	BCUD	1495000	747500
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College		University	10000	10000
Students research projects (other than compulsory by the University)	1 year	Shramik Group & SP Sansatha, Sangamner	99605	96000
Any other(Specify) Mini Research Projects	1 year	SPS, Sangamner	60000	60000
Total				

#### 3.7 No. of books published

i) With ISBN No.05 Chapters in Edited Booksi) With ISBN No.05

### 3.8 No. of University Departments receiving funds from



#### 3.10 Revenue generated through consultancy

Department	Particulars	<b>Revenue Generated</b>
Geography	Solar Panels, Tourism	17,000
Naturopathy OPD	11262 patients	15,48,930
Naturopathy IPD	65 patients	2,97,990
Total	11327	1846920

#### 3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	01	01	02		
Sponsoring	BCUD,	BCUD,	BCUD,		
agencies	Pune	Pune	Pune		

#### 3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations	International		National	Any other	03	
		71	· · · · · · · · · ·	1.4		1

- 1. Soil Testing Laboratory at Department of Chemistry with Gov of Maharashtra ,
- 2. Quick Heal with Department of Computer Science
- 3. Punjatech with Department of Computer Science
- 3.14 No. of linkages created during this year

#### 3.15 Total budget for research for current year in lakhs :

	From Funding Agency	From Management of University/College
Total	Rs. 7328995	169605

#### 3.16 No. of patents received this year

Type of Patent	Status	Number
National	Applied	-
	Granted	-
International	Applied	-

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**RP 14** 

11

	Granted	-
Commencialized	Applied	-
Commercialized	Granted	-

**3.17** No. of research awards/ recognitions received by faculty and research fellows of the institute of the year

15

26

03

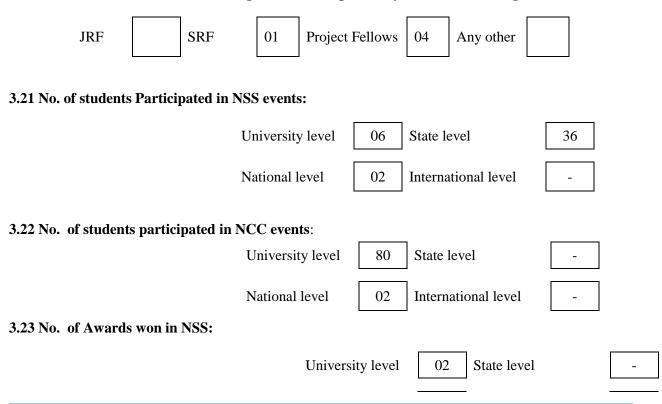
Tota	I International	National	State	University	Dist	College
	01					

3.18 No. of faculty from the Institution who are Ph. D. Guides							

and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

#### 3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)



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ANNUAL QUALITY	ASSURANCE REPORT-	2016-17
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	National level	- International level	-
3.24 No. of Awards won in NCC:			
	University level	01 State level	_
	National level	- International level	-
3.25 No. of Extension activities organized			
University forum 10	College forum 21	]	
NCC 21	NSS 11	Any Other	

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility : Refer Arghya

NSS :

Sr. No.	Date	Occasion	Programme	
1.	21.06.2016	International Yoga Day	Celebration of International Yoga Day	
2.	01.07.2016	Tree Plantation	10,000 trees planted by 154 volunteers of NSS, Sangamner college at <i>Vakharivasti</i> , <i>Kokangaon</i> , adopted village by SPP University as per Concept of Maharashtra Government and Forest Department	
3.	02.07.2016	Doctors Day		
4.	19.07.2016	Gurupaurnima		
5.	05.08.2016	Organization of State level Cycle Rally for Journey of Humanity	With the help of <b>Sarthi Foundation</b> , established by Mr Akshay Bombale, NSS Volunteer, Sangamner college organized state level Cycle Rally for Journey of Humanity. Participated 79 NSS volunteers from all over Maharashtra to make awareness in people regarding save girl child and save water with the help of poster presentation and street play.	
6.	09.08.2016	Krantidin and Mashal Feri	i Cleanliness of statues of Mahapurush and Krantikarak	
7.	09.08.2016	Hemoglobin Test	In association of Pharmacy college of Amrutvahin, NSS Unit of Sangamner college organized camp of Hemoglobin Test for college girls.	

8.	17.08.2016	Celebration of <i>Rakshabandhan</i>	Celebrated Rakshabandhan at <i>Sidharth Boarding</i> , Sangamner
9.	31.08.2016	Publication of Hadbook on Review of NSS, Sangamner college. <i>MAHA AVAYAV DAN</i> Janjagruti Abhiyan	Review of NSS Unit published in Handbook
10.	05.09.2016	Teachers Day	Celebrated Teacher's Day
11.	06 & 07.09.20169	Cleanliness Drive	College Campus and college related Pune- Nashik National Highway
12.	24.09.2016	Celebration of NSS foundation. Publication of Book on NSS	Chief Guest : Dr Gajanan Vavhal Published book "Vasa, Varsa v Vatchal" Journey of NSS Unit of Sangamner college from last 40 years
13.	02.10.2016	Celebration of <i>Gandhi</i> Jayanti	Organized exam on " <i>Gandhi Vichar</i> Sanskar Pariksha" with the help of Gandhi Foundation, Jalgaon. Participated 216 students.
14.	15.10.2016	Celebration of "Vachan Prerna Din and APJ Abdul Kalam Jayanti"	
15.	26.102.16	Celebration of "Savidhan Din"	
16.	30.10.2016	Diwali	एक दिवात्यांच्यासाठी :- Adopted Village, Kokangaon : Distributed needful Things to poor families to celebrate Diwali Festival
17.	30.12.2016	Street Play on Cashless	
18.	09.01.2017	Road Safety drive	Chief Guest : Mr P. K. Tadavi and Mr. Anilkumar Baste, RTO, Shrirampur
19.	10.01.2017	माणुसकीची भिंत	Old and used clothes for needy people
20.	21.01.2017	Blood Donation Camp	Arpan Blood Bank: In association of Lions Club Safaris and Sarthi Foundation. Participated 112 students.
21.	08.03.2017	Women's Day	Celebrated by NSS Unit, Sangamner college. Participated Alumni (last 5 yrs.) with their Family members

## NCC:

Sr. No.	Date	Occasion	Programme	
1.	21.06.2016	International Yoga Day	Participated 106 SD Cadets and 54 SW Cadets in International Yoga Day	
2.	01.06.2016	Tree Plantation	Tree plantation at <i>Velhale</i> Village.	
3.	10.08.2016	Cleanliness drive	Cleanliness drive at "Sangram Mukbadhir Vidyalaya", <i>Velhale</i>	
4.	28.11.2016	Celebration of NCC Day	Ms Smita Gune was invited as a guest and she delivered a talk on "Personality Development"	
5.	01.12.2016	World AIDS Day	Dr Seema Borgave Deliver a talk on "AIDS Awareness"	
6.	January 2017	Cashless India	Survey on "Online Banking & Cashless India" completed by NCC Cadets.	
7.	21.01.2017	Blood Donation Camp	Arpan Blood Bank: In association of Lions Club Safaris and Sarthi Foundation. Participated 30 SD and 7 SW cadets.	
8.	24.01.2017	Marathon	Organized Marathon for NCC cadets on the occasion of Independence Day. Participated all SD and SW cadets.	
9.	22.03.2017	Save Water! Save Life!	Celebrated Water Day. Prof. Navale S. B. delivered a talk on water conservation.	
10.	Academic Year 2016-17	Participation in Tanning Camp.	<ul> <li>80 Cadets successfully participated in</li> <li>Annual Training Camp.</li> <li>2 Cadets participated in National level</li> <li>Shivaji Trek, Kolhapur.</li> </ul>	

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# <u>Criterion – IV</u> <u>4. Infrastructure and Learning Resources</u>

#### 4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Funding	Total
Campus area	199226.74 Square Meter (49.23 acre)			199226.74 Square Meter (49.23 acre)
Class rooms	73	0		73
Laboratories	Computer Laboratories – 16	0		16
Laboratories	Subject Lab – 23	0		23
Seminar Halls	<b>06</b> Saibaba Hall Vivekanand Hall Technology Hall	0		06
Construction of Cafeteria (Dec.2015)	01	01	UGC 12 <sup>th</sup> Plan Grant 59000	02
Meeting Hall SPS	IQAC + New Seminar Hall	01	SPS 184166	
No. of important equipments purchased (≥ 1-0 lakhs) during the current year.	05	13	UGC Grants (B. Voc., COC), S. P. Sanstha, UGC-IQAC	18
Value of the equipment purchased during the year (Rs. in Lakhs)	72.826	5473508.00	DST FIST	
Others Water Tank	8	1	UGC (5,00,000) & Sanstha Actual Exp. (760275)	09

#### 4.2 Computerization of administration and library

Library Computerization = Yes Administration computerization = Yes

Sangamner Nagarpalika Arts, D. J. Malpani Commerce and B. N. Sarda Science College, Sangamner

Library and Administration both use the Shikshan Kranti Software by Amyotech , Aurangabad. **4.3** Library services:

	Exis	ting	Newly added			otal	
	No.	Value	No.	Value	No.	Value	
Text Books	41,318	30,23,513/-	547 (470 Ex. Student Granthadan Yojana)	98,105/- (83600 Ex. Student Granthadan Yojana)	41,865	31,21,618/-	
Reference Books	74,151	99,72,461/-	608 (38 Book Donated Rs 25078)	2,85,816	2,85,816 74,759/-		
e-Books	1,35,000+	-	30,00,000	-	31,35,000+	-	
Journals	150	1,72,780	1	-	151	1,81,319 (for 2016-17)	
e- Journals	6,000+	-	-	-	6000+	-	
Digital Database	1	5,000/- Per year	-	-	1	5,750/- Per year	
CD & Video	1,296	2,78,203.00	0	0	1296	2,78,203	
Others	36 Manuscripts	-	0	0	36 Manuscripts	-	
(specify)	14 Newspaper	Ra 18,655 (for year) 2015-16)	0	0	14 Newspaper	19,646/- (for Year 2016- 17)	

#### 4.4 Technology up gradation (overall)

Sr	Particulars	Up to 2011	After 2016
1	Total number of computers	230	415
2	Optical Fiber Broadband connectivity		<ul> <li>Optical Fiber broadband connection for all college campus <sup>3</sup>/<sub>4</sub> HDPE Pipe medium quality 919 mtr. Rs. 14475/- (Underground ofc – Saraf colony to college),</li> <li>sG 500 + Instalation 60000, 802.11 b/g wireless hotspot consisting of the access point ubiquity unif / Alfa NS 22 POE unit, Mounting clamps Access points Rs. 49050/-</li> </ul>

3	CCTV Camera	In premises 4 @ bcs , 8 @ ug library , 4 @ gate , 4@ office Total = 20	• 31 New cameras are installed on premises Total = 51
4	Xerox machine for Law College		• Xerox machine 105280/-
5	Generator Set for B.Ed. College		• Accurate power syst., Pune – Generator Set- 3,11,000
6	Solar Power	NO	<ul> <li>5 KVA Plant at RB roof with 8 batteries and a UPS (SUKAM)</li> <li>Load : Total Research + BCS (Light &amp; Fan)</li> </ul>
7	Wifi Access Points	<b>Boys Hostel</b> , Main Office, BCS Building, Girls Hostel only = 04	<ul> <li>New Installed at</li> <li>New Seminar Hall, Saibaba Hall, Shramik Jr College, UG Library, BVOC = 06 New {05=working:total till date=(09)}</li> </ul>
8	Wi fi acces point for all college		<ul> <li>Wi-Fi Acces point Wirless hotspot consisting of the components 3*15000</li> <li>POE for access point total amount 49050/-</li> </ul>
9	UPS	08only 7 KVA X 2 = BCS , 2 – 3 KVA online Law 10 KVA X 4 = office , jr college , BBA BCA , MCA <b>All from KEVIN</b>	<ul> <li>1 solar - 5 KVASukam</li> <li>1 - 10 kva online sukam BCS</li> <li>5 KVA online Sukam office / chem</li> <li>- 10 KVA online shramik</li> <li>1 - 10 kva new building ( total new = 5 )</li> </ul>
10	Internet	For single PC using LAN cable at English , physics , Marathi , economics , politics , geography (2 MBPS only ) using cat 6 lan cable	Using Optical fiber (10 MBPS )     Department wise
11	N computing	2 : at office 7 : at library	<ul> <li>10 : at New MSCIT Tally lab</li> <li>5 : at office</li> <li>4 : at Library</li> </ul>
12	License software	Not purchased up till 2011	<ul> <li>Microsoft Windows = 50</li> <li>MS office = 25, antivirus = 10 Year wise upgradation</li> </ul>
13	LCD projectors	20	27
14	Total Scanner in college	5	21
15	Intercom connections on campus	60	110

16	Sound system for saibaba	Ordinary 5000 watt mono	10000 watt sterio
17	Naturopathy sound system	Ordinary old	5000 watt
18	Light meters	All on local ordinary dp	Changed to MIDC line (Saturday off only)
19	Inverters	Girls hostel – 1	Naturopathy, PG Library, Gate, Boys Hostel, Girls Hostel = 05 (total)
20	LAN WAN		Research Building , New Building

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- 1. A dedicated FTP server has been created for E- books. These e –books are available through LAN to the students
- 2. A total of 9 Wi Fi hot spots are working, each covering area of 150m<sup>2</sup>
- A State Level Seminar on Avenues for Research in Computer Science was organized on 15-16 Dec 2016by Department of Computer Science.
- 4. 6 days workshop on Android App Development was arranged for Students of MCA.
- 5. Licence Softwares worth Rs. 3,90,987 were purchased.
- 6. 31 new CCTV cameras were installed.

#### 4.6 Amount spent on maintenance in lakhs :

i) ICT	3,90,987 Software Licences
ii) Campus Infrastructure and facilities	3,15,811 Furniture and Office 5,20,430 Departmental Repairs 2,41,624 Landscaping
iii) Equipment	1,67,651 78,964 27,244
iv) Others	Cleanliness of Classrooms : 7,73,100.00 Triggers Security : 5,71,364.00
Total :	30,87,175.00

# Criterion – V 5. Student Support and Progression

#### 5.1. Contribution of IQAC in enhancing awareness about Student Support Services.

- 1. IQAC designs the academic calendar of the college. The academic Calendar is included in the prospectus.
- 2. The College Prospectus / Handbook containing information about Faculty, Courses, Syllabi, Scholarships, Campus facilities etc. is designed in consultation with the IQAC.
- 3. College Website maintenance is carried out through IQAC.
- 4. IQAC has initiated E-books on FTP server.
- 5. Parent- Teacher Meeting
- 6. Student Representative of IQAC Communicates with students about Student Support Services.
- IQAC frequently takes review of Student centric committees such as Grievance redressal Cell, Feedback Committee.

#### 5.2 Efforts made by the institution for tracking the progression

- Student Progression from UG to PG, PG to Research (M. Phil/Ph.D.) is analyzed at departmental level and the data hence procured is utilized to calculate overall Student Progression.
- Each department is provided with a format provided by IQAC
- The department on the basis of previous years' data finds out following: Students Progressing from UG to PG
   Students Progressing from PG to Research
   Students fetching employment after UG/PG/ Research
- Percentage of each of the category is communicated to IQAC.

UG	PG	Ph.D.	Others (M.Phil.)
4142	1000	46	46

(b) No. of students outside the state	03
(c) No. of international students	-

No	%	Women	
2380	46.23	women	2

No	%
2764	53.73

Last Year (2015-16)						This	Year (201	6-17)			
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1980	367	367	2085	13	4799	2083	403	404	2254	12	5144

Demand ratio

2.81

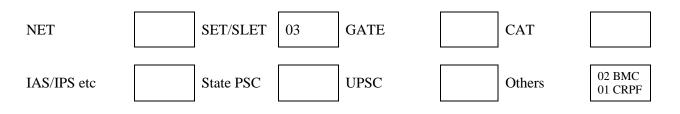
Dropout %

0.005

#### 5.4 Details of student support mechanism for coaching for competitive examinations (If any)

No. of students beneficiaries	34	
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#### 5.5 No. of students qualified in these examinations



#### 5.6 Details of student counseling and career guidance

No. of students benefitted

263

#### 5.7 Details of campus placement

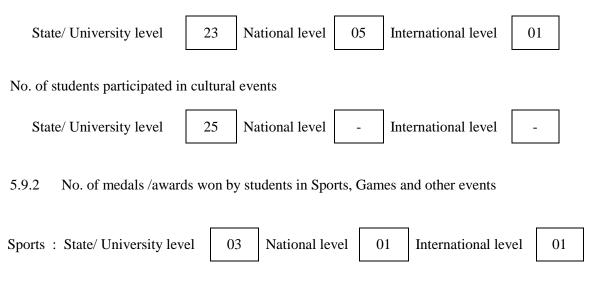
On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
06	411	149	02

#### 5.8 Details of gender sensitization programmes:

- 1. Adv Ranjana Gawande guided the students on Act against Sexual Harassment at work place, 2013 on 27<sup>th</sup> Feb 2017.
- 2. Mrs. Aparna Deshmukh and Mrs. Kanchi Ganpule delivered a talk on Women Empowerment at Department of Commerce on 4<sup>th</sup> Oct 2016.
- 3. Mr. Akshay Bomble and his co-students presented a Street Play on Women Empowerment on the occasion of Krantijyoti Savitribai Phule Jayanti on 31<sup>st</sup> Jan 2017.
- 4. A talk 'Role of women in family as house maker'was delivered by Mr. Surendra Gujarathi on 18<sup>th</sup> Feb 2017 during Sant Gadgebaba Lecture Series.
- Dr. Gumfa Kokate guided on Care to be taken by adolescent and Teenage girls during her talk on 22<sup>nd</sup> Feb 2017.
- 6. A counselling session of Dr. D. M. Sharma, Pune was organized on 'Nutrition and Stress Management' for the residents of Girls' Hostel on 2<sup>nd</sup> March 2017.
- 7. A Filmfare was organized at Girls'Hostel on 15<sup>th</sup> March 2017. Films on Women empowerment were screened.
- Haemoglobin of 292 girl students was estimated during Haemoglobin Camp by NSS unit on 9<sup>th</sup> Aug 2016.
- 9. A workshop on Girls Personality was organized on 26<sup>th</sup> Sept 2016 for which Savitribai Phule Pune University sanctioned a Financial Assistance of Rs. 10,000.
- Talks were arranged under 'Nirbhay Kanya Abhiyan' to promote self-defense on 19<sup>th</sup> Dec 2016.

#### **5.9 Students Activities**

5.9.1 No. of students participated in Sports, Games and other events



Cultural: State/ University level

National level

00

02

International level

00

#### 5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	30	477000/-
Financial support from government	2985	8136576/-
Financial support from other sources	293	3216000/-
Number of students who received International/ National recognitions		

#### 5.11 Student organised / initiatives

Fairs : State/ University level	National level	I	nternational level		
Local level 01			-		
Exhibition: State/ University level	National level	I	nternational level		
5.12 No. of social initiatives undertaken by the 01					

#### 5.13 Major grievances of students (if any) redressed:

- 1. **Water Coolers:** Water Coolers was installed in Girl's Hostel as an action on Grievance received on drinking water facility.
- 2. **Reading hall for Girl students:** A separate reading hall was provided for the girl students on their demand.
- 3. Lights in Classroom in Bansilal Parakh Building: CFLs were installed in newly constructed Bansilal Parakh Building.
- 4. **Sanitary Napkin Machine**: The vending machine was installed in the Girls' Hostel and Girls' common room after demand by students.
- 5. **Mosquito menace**: Mosquito repellants were sprayed in the classrooms after complaints of mosquitoes in the classrooms of CM building.

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# **Criterion – VI**

# 6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

#### Vision Statement

"Spread Knowledge unto the last"

#### **Mission**

We aim to make local excellence globally competitive by employing innovative and skill based educational programmes for the students from diverse cultural backgrounds. We strive to boost the self-confidence of our students through their spiritual, moral, intellectual, social, emotional and physical development by offering value based education. With our efforts to create eco-consciousness and social awareness amongst our stakeholders, we endeavor to make the institute a quality learning place with conducive atmosphere.

#### 6.2 Does the Institution has a management Information System

Yes. Our institution has a management information system (MIS) to function efficiently and effectively. To analyze and facilitate strategic and operational activities of the institution, presently, it uses MIS provided by Amyosoftech, Aurangabad.

#### 6.3 Quality improvement strategies adopted by the institution for each of the following:

#### 6.3.1 Curriculum Development

Although Curricular Development, which is governed by Savitribai Phule Pune University, is not under the direct control of the institution, it identifies the educational strategies by which the curricular quality can be improved and objectives will be achieved. It also tries to identify sufficient resources, support, and others factors in the effective and successful implementation of the curriculum. The institution encourages its teachers to contribute to the Curricular Development. The teachers of the institution contribute to the Curricular Designing of the university through their participation in BoS as a member or chairman and also by attending the workshops on Curricular Development. The BoS has been dissolved. Therefore, there has not been much contribution in curriculum development at University Level.

#### 6.3.2 Teaching and Learning

The institution endeavours to improve the quality of teaching and learning in the College through:

- 1. Academic Calendars: Institutional and Departmental Academic Calendars are prepared to ensure that academic activities are well planned. Departmental Calendars are in tune with Institutional Academic Calendar. The Institutional Academic Calendar is published in College Information Brochure and on college website.
- 2. Institutional and Department Quality Objectives: Every department of the institution sets its Quality Objectives related to results, curricular, co-curricular and extra-curricular activities for the academic year.
- **3. Teaching Plans:** Teachers of the concerned departments have prepared their term-wise teaching plans of the papers they teach. These plans are checked and the implementation of the same is verified by the concerned head of the department / HoD.
- Promotion of Innovations: IQAC promotes innovations in teaching learning methods and verifies the same through teaching plan. A record of lectures conducted using ICT tools is maintained.
- 5. **Monitoring of teaching process:** IQAC monitors the teaching process of all departments of the institution through the Monthly Teaching Summary submitted by the Head of each department.
- 6. Academic Audits: The IQAC has trained some of the teachers from the college for conducting academic audits. It conducts 'Academic Audits' biannually i. e. In each term. The trained teachers visit other departments as per the schedule to verify the teaching-learning process & related activities. The concerned department and its teachers are made aware of the positive and negative aspects of the process. Suggestions for improvement are also given and the follow-up is taken accordingly. The record of the same is maintained by IQAC.
- 7. Feedback: Students' feedback on teachers is one of the important means to bring improvement in Teaching-Learning process. Hence, the IQAC of the institution has prepared the questionnaire, keeping in view the points for improvements in different aspects of teaching and teacher's behaviour on four-point scale. 'Students' feedback on teachers' is conducted biannually i.e. in each term/semester by the Feedback Committee. The feedback negative or positive is analysed and communicated to the concerned teacher through the head of the department. In case of the teachers receiving below average

feedback the concerned HoD asks for the action plan of improvement and implantation is monitored and verified by the HoD.

- **8. Guardian Teachers:** Guardian Teachers are designated for each class who ensure counselling of the students on academic, career and psycho-social issues.
- **9. Identification of Slow and Advanced Learners:** Guardian teachers identify slow and advanced learners. Advanced learners are encouraged for schemes such as Student Research while remedial coaching is offered to slow learners.

#### 6.3.3 Examination and Evaluation

The institution, being affiliated to the UoP, has to follow the examination and evaluation system devised by the system. However, for the effective implementation of this system, the institution always tries to come up with innovative methods. In the academic year 2016-17, the institution brought into following reforms:

#### 1) Centralized Internal Examinations:

Teachers of the science faculty would conduct class-tests individually earlier which would often hamper other classes as the students would skip classes for preparation. To overcome this problem, the institution decided to conduct these tests centrally by devising the timetable for the same. This has resulted into saving time and bringing order.

#### 2) CBCS : Over & above Credit System:

In line with UGC's policy and the decision of the university, the college accepted the choice bases credit system for all the courses at the PG level from the A.Y. 2013-14 and the same was continued for the Part II classes at the PG level during the A.Y. 2016-17.

The institution conducted a course under the 'Over and above Credit System' for the PG students of the college as per the SPPU Guidelines. The question paper were set; exam was

- Human Rights,
- Cyber Security and
- Skill Development

#### 3) **Provision of Photocopies of the answer sheets:**

As the UGC and university norms, the institution has started providing the photocopies of the answer-sheets to the students desirous.

- Sub Centre of the University: The college is designated Sub- centre of Savitribai Phule Pune University for 25 Colleges.
- **5) Training for Junior Supervisors:** The exam committee organizes training programme for Junior Supervisors to ensure rigor and transparency in the examinations.
- 6) Central Assessment Programme: Central Assessment Programme for FY level exams is organized as per University norms.

#### 6.3.4 Research and Development

Considering the value of research in the academic development, the institution motivates its teaching staff and students to undertake various research activities and projects.

In the Academic Year 2016-17, the Institution tried to bring quality improvement in research and development through the activities elaborated under:

#### 1. Major/Minor Research Projects:

During the A. Y. 2016-17, 08 Minor Research Projects worth Rs. 14,95,000/- were sanctioned.

Sr. No.	Name of PI	Amount Sanctioned	Funding Agency
	Dr. M. S. Khyade	2,70,000	BCUD, SPPU
	Mr. S. N. Deshmukh	2,40,000	BCUD, SPPU
	Dr. Y. K. Abhale	2,20,000	BCUD, SPPU
	Mr. M. R. Bhoye	2,10,000	BCUD, SPPU
	Mr. S. S. Pansambal	1,85,000	BCUD, SPPU
	Dr. A. A. Mandlik	1,70,000	BCUD, SPPU
	Dr. R. B. Tasildar	1,00,000	BCUD, SPPU
	Mr.D. M. Ghodke	1,00,000	BCUD, SPPU
	Total	14,95,000	

2. Student Research Projects:

Under its Policy of Promoting research aptitude among the UG & PG students, the institute conducts 'Students Research Project competition' in the memory of founder Principal Late Shri M. V. Kaundinya. During the Academic Year 2016-17, 250 Projects were submitted by the students of the college in which 370 students participated.

The competition was conducted on the departmental and faculty levels. The winners on departmental level were given three prizes: A Book and Pen for the 1<sup>st</sup> winner, a book for the 2<sup>nd</sup> winner and a pen for the 3<sup>rd</sup> winner. On the faculty level competition cash prize Rs. 3000/- a Gold medal and a certificate for the 1<sup>st</sup> Winner while the 2<sup>nd</sup> and 3<sup>rd</sup> winners were given cash prize Rs. 2000/-, and a silver medal and a certificate and Cash prize Rs. 1000/-, Bronze medal and a certificate respectively.

### 3. Avishkar:

The **Zonal level competition of Avishkar 2016-17** was held at Rahuri College, Rahuri on 09/12/2016. This time a huge number of students enrolled for the competition and from these we selected 22 projects for the Zonal level Round competition. Out of 22, 05 projects were selected for the University level round by the jury. After this rigorous workshop, our projects were finally selected for the State level round which is to be held at Nanded from  $27^{\text{th}} - 28^{\text{th}}$  January 2017.

### 6.3.5 Library, ICT and physical infrastructure / instrumentation

The Institution endeavoured to enhance the quality in library, ICT and physical infrastructure during the academic year 2016-17 in the following manner:

	Particulars	Quantity	Amount (Rs.)
Library	Text Books	547	98105
	Reference Books	608	285816
	E-Book*	135000+	-
	Journals	01	181319
	E-Journals*	6000+	-
	Digital Database*	N-List	5750

CDs and Videos - 0

\*E-Books & E-Journals are subscribed under Digital database (N-List Programme / Database UGC)

### 6.3.6 Human Resource Management

The institution recognizes the uniqueness in every human being; each individual is born with his own capabilities and limitations. It accepts that human resources are the most important asset in an organization. The institution strives to develop a constructive mind and build up the overall personality of the employee; to develop organizational health and culture and improve its effectiveness; to humanize the work in the organization; and to generate systematic information about human resources. The initiatives taken by the institution for the human resource management are given below:

a) Maximum utilization of human resource for the achievement of organizational goals:

- 1. Annual performance review: Annual performance review of academic and administrative activities is taken through regular academic and administrative audit.
- 2. Setting objectives: All the departments are encouraged to set up quality objectives and their achievement is verified during the Academic and Administrative Audits.
- 3. Assessing progress: Periodic progress is assessed and benchmarking is done to ensure quality enhancement and sustenance.

**b**) Providing opportunities to enable human resources to accomplish full expression of their talent and potential;

### **1.** Committee Formation:

At the beginning of the AY-2016-17, committees were formed for the effective implementation of the academic plans and academic activities of the institution, by taking the individuals skills, potential and interest into account. Teachers from different faculties work together in these committees which helps the institution to develop a sense of team spirit, teamwork and inter-team collaboration.

### 2. Workload Distribution:

Each department of the institution conducted departmental meetings for the allotment and distribution of workload among its teachers as per the teacher's specialization and area of interest.

### 6.3.7 Faculty and Staff recruitment

During the Academic year 2016-17, although the grantable teaching positions were vacant, the institution could not get No Objection from the Government of Maharashtra for recruiting these posts as a State Government Policy. However, the institution recruited faculties and non teaching Staff on locally on non-grant basis.

### 6.3.8 Industry Interaction / Collaboration:

- 1. Department of Management (BBA/BBA CA) deputed 50 students for Sapphire Business Expo, Sangamner in association with Lions Club Sapphire, Sangamner.
- 2. Shaan Cars Pvt Ltd. conducted placement drive in the college in which 2 students of BBA department and 11 students of Commerce department were recruited as Sales Executive.
- 3. WNS Aspire Global Service Pvt. Ltd. visited for campus interview in which 15 students of Commerce Department were selected as Account Executive.
- 4. Precious Software Pvt. Ltd. organized a placement drive in which 15 students of Commerce Department were recruited as Marketing Executive.
- 5. Punja Softech, Sangamner organized campus interviews in which 5 students of Department of Computer Science were selected as Software developer.
- 6. **VSI Software Technology Pvt. Ltd, Sangamner** organized campus interviews in which 8 students of Department of Computer Science were selected as Software developer.
- 7. Industry visits to Rajhans Aqua, Sangamner Dugdh Sangh and Sangamner Sugar Factory were organized by BBA and Commerce department.
- 8. Experts from Atos India Pvt. Ltd., EXFO, Pune, Accenture "Pune, CDK Global (India) Pvt. Ltd.,Pune, A.T.S. Technical Campus,Akole. Nits Global (India), Pune were invited at Department of Computer Science to Guide students on various occasions.

### 6.3.9 Admission of Students

Admissions are given on Merit as well as First Serve First Come Basis. Most admissions are given on Merit. IQAC has promoted formation of admissions committee which also provides counselling at the time of admissions to the students. This has resulted in increased Demand Ratio.

### 6.4 Welfare schemes for

Teaching	PF for teachers on Non Grant basis
Non teaching	<ol> <li>Excursion for Non Teaching Staff.</li> <li>Mediclaim for Non Teaching Staff</li> </ol>

6.5 Total corpus fund generated	<ul> <li>Earn and Learn Scheme.</li> <li>Special Incentives to Sportspersons.</li> </ul>
Students	

### 6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External	Internal		
Audit Type	Yes/No	Yes/No		
Academic	No	Yes		
Administrative	No	Yes		

### 6.8 Does the University/ Autonomous College declares results within 30 days? Not Applicable

For UG Programmes	Yes	No	
For PG Programmes	Yes	No	

### 6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Not Applicable

done

# 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not Applicable

### 6.11 Activities and support from the Alumni Association

1. Alumni were invited from all faculties to update about the developments in the college. More than 200 alumni visited the college during NAAC Peer Team Visit to interact with NAAC Peer Team.

- 2. In view of the increased space in the Library due to improved infrastructure and ever increasing student number, there was a need more books in the Library. Alumni Association under the leadership of Mr. Santosh Karwa, made an appeal to all the Alumni to donate books under the "Granth Daan Yojana". The Scheme is receiving overwhelming response.
- 3. Alumni Association of the college organized BabaSaheb Ambedkar Debate Competition

### 6.12 Activities and support from the Parent – Teacher Association

- Parents Teacher Association invited the Parents from all faculties to update about the developments in the college.
- Faculty wise Parent Meets were organized.
- Parents were informed about the Results of their wards.
- Parents were also informed about welfare schemes such as Vidyadhan Kalash Yojana and GOI / State Scholarships.
- More than 200 parents visited the college during NAAC Peer Team Visit to interact with NAAC Peer Team.

### 6.13 Development programmes for support staff:

Following speakers were invited on theme Quality Enhancement and Sustenance for Staff Development Programmes:

Sr. No.	Name of the Speaker	Date
1	Dr. M. R. Kurup, Secretary, Kelkar Education Society,	14/7/2016
	Mumbai	
2	Dr. B. D. Bhole, IQAC Coordinator, Garware College,	19/8/2016
	Pune	
3	Dr. Sameer Terdalkar, Fergusson College, Pune	19/8/2016
4	Dr. R. S. Mali, Ex VC, North Maharashtra University,	3/10/2016
	Jalgaon	
5		
6	Dr. Beena Inamdar, Ex Principal, Symbiosis College, Pune	13/10/2016

### 6.14 Initiatives taken by the institution to make the campus eco-friendly

- 1. Use of Renewable energy
  - Solar energy is one of the sources for lights, fans, heaters used in the residences and in the college.
  - Solar panels have been established on Girls Hostel for bath purpose.
  - 2/3 of water from RO Plants is treated and used for plants and trees in the college.

- Another Solar photovoltaic system of 5KVA have been established on our Research Building which is useful for lightning for two buildings.
- Moreover the need of electricity for fans, computers, printers and CCTV cameras in research building is provided by photovoltaic power system.
- The department which get benefitted due to solar energy are Electronics, Computer Science, Commerce, Sanskrit, Marathi, Philosophy, English, Hindi and classrooms and computer labs.
- 2. Tree Plantation
  - Sangamner is actually a drought prone area but the green environment of the college is largely due to tree plantation.
  - There are about more than 6000 trees of various kinds in the campus.
  - Trees have nearly covered 2/3 of the college area. They help to maintain the ecosystem.
  - NSS unit planted 10,000 saplings at Adopted village konkangaon on 1<sup>st</sup> July 2016.
  - NCC cadets planted saplings at village Velhale on 1<sup>st</sup> July 2016.
- 3. Organic Fertilizer Project (Gandul Khat Prakalp)

With the help of students of Earn & Learn Scheme our college is manufacturing Organic fertilizer from Earthworm which is further used in organic farming of Corn, Mushrooms and in botanical gardens etc. Thus, we prevent the use of chemical fertilizer.

- 4. Rain Water-Harvesting
  - The rain water is channelized towards bore wells to raise the ground water level.
  - Since the college well is much below the road level, water level rises in rainy season.
  - Also college have constructed Two Water storage tank of the capacity 8,00,000 lit. & 32,00,000 lit. during last NAAC reaccreditation period for agricultural purpose. This water is used in whole campus for all kind of use.
- 5. Energy Conservation
  - Minimal consumption of energy is the saving factor of energy conservation in the campus. The notices near the switch boards prevent wastage of energy.
  - The use of CFL bulbs instead of tungsten lamps, team and collaborative work in the same place, using open air gallery for conducting college level meetings and functions, classes on the open stage in pleasant weather and ward meetings under the trees reduce energy consumption.
  - Most of the classrooms are constructed in such a way so that whole classroom is enlighten with natural sunlight and also with the air.
  - Solar inverters for fans and lights in the campus, solar lights and water heaters in the hostel and the campus helps in energy conservation.
- 6. Hazardous Waste Management:

Our college is pioneer to conduct practicals on micro scale which have reduced excess consumption of chemicals. Concept of green chemistry is also used for many practicals which prevent the use of hazardous chemicals, solvents during the practicals.

### 7. E-waste Management

Electronic goods are put to optimum use; the minor repairs are set right by the staff and the Laboratory assistants; and the major repairs, by the professional technicians, and are reused. The damaged computers repaired by our IMF Department. Finally they are exchanged with the local dealers. When they fall out of use, are still reused by providing required parts to electronics students and the leftovers they are handed over to the agent of the suppliers of electronic equipment's. UPS Batteries are recharged / repaired by the staff and further exchanged by the suppliers.

8. Clean India Mission

**Swachh Bharat Abhiyan** (English: Clean India Mission and abbreviated as SBA or SBM) is a national campaign by the Government of India, which was officially launched on 2 October 2014 by Prime Minister Narendra Modi to clean the streets, roads and infrastructure of the country.

All the teaching staff, nonteaching staff and students of our College was actively participated in this to clean and maintain college campus. Throughout the year students from 'Earn & Learn' and NSS participate actively to maintain cleanness in the campus.

9. No Plastic in College Canteen

Administration of our college has introduced some policies under which use of plastics like plastic dishes or plastic cups in college canteen are prohibited. This has reduced use of plastic in college campus.

10. Workshop for Farmers was organized by Department of Chemistry on 10th Jan 2017.

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## Criterion – VII

## 7. Innovations and Best Practices

- 7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.
  - 1. **Department of Management (BBA/ BBA CA):** Participation of students in Sapphire Business Expo to learn Sales Training. Entrepreneurship Training for around 50 students was offered. Students also take active participation by starting own stall.
  - 2. Department of Chemistry:
    - a. Recycling of CTC and Conservation of Ozone: Carbon Tetrachloride (CTC) had been declared as Dangerous Devil by Montreal Protocol as it is responsible for Ozone depletion. Hence, attempts are made to recover and reuse during practical in every academic year under the guidance of Dr. D. B. Gujarathi. About 800 ml CTC has been recycled.
    - **b. Inculcation of Green Chemistry Practice among S.Y.B.Sc. Chemistry Students:** The Practice of Green Chemistry involves adoption of 12 Commandments framed by Paul Anastus, founder of Green Chemistry Approach. Though, Green Chemistry is not a part of S.Y.B.Sc. Practical Chemistry syllabus, Dr. D. B. Gujarathi used to inculcate Green Chemistry among the S.Y.B.Sc. students. They are appealed to use minimum chemicals, curtailment in LPG and electricity usage, effluent treatment etc. so as to reduce chemical pollution caused by academic laboratories.
  - 3. **Department of Commerce:** Initiated Entrepreneurship Club where students were encouraged to initiate start-ups providing them with necessary support with the help of Commerce Lab. Group of students participated in Lions Club Sapphire Business Expo to explore their Entrepreneur skills.

### 4. Department of Computer Science:

- a. Aptitude Test were conducted to judge intellectual level of students
- b. Students work on live projects conducted by software companies, PunjaTech and VIKERN Software Technology Pvt. Ltd Sangamner

### 5. Department of English:

Screening of Films

TYBA i) Animal Farm (28-9-2016) ii) Old Man and the Sea (4-1-2017)

- 6. **Department of Philosophy:** Regular updating of Website of the department and blog for ICT enabled teaching
- 7. **Department of Physics:** Development of low cost experimental laboratory kits by students for smooth conduct of practicals leading to consultancy and revenue generation.

# 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Plan of Action	Action Taken
To Collect Feedback on Syllabus and Teaching from Various stakeholders	Feedback collected from Students on Syllabus as well as Teaching. Feedback from Parents was also obtained and analysed. Student Satisfaction index was calculated
Updating of Institutional website	All AQARs, Past and recent SSRs, Departmental presentations, IQAC meeting minutes were uploaded on College website
Internal Audits to verify documentation in all departments.	Internal Audits conducted and documents verified as regular practice.
Arranging Mock Peer Team Visits for NAAC PTV	<ul> <li>Mock Peer Team Visits were arranged</li> <li>6. 3<sup>rd</sup> Oct 2016: Dr. R. S. Mali, Ex- V. C. , NMU, Jalgaon</li> <li>7. 13<sup>th</sup> Oct 2016: Dr. M. R. Kurup, Secretary, Kelkar Education Society, Mumbai</li> <li>8. Dr. Beena Inamdar, Ex- Principal, Symbiosis College, Pune</li> <li>9. 12<sup>th</sup> August 2016: Dr. B. D. Bhole, Coordinator, IQAC, Garware College, Pune and Dr. Sameer Terdalkar, Coordinator, IQAC, Fergusson College, Pune</li> <li>10. 19<sup>th</sup> Aug 2016: Dr. S. F. Patil, Ex Vice Chancellor, NMU, Jalgaon</li> </ul>
Arranging Peer Team Visit	PTV conducted on 8 <sup>th</sup> – 10 <sup>th</sup> Sept 2016: Chairman: Dr. M. Abdul Rahiman Member Coordinator: Prof. U Subbarao Member: Dr. Siddhartha Gupta A+ grade with CGPA 3.58 awarded on 5 <sup>th</sup> Nov 2016
Post Accreditation Planning	Felicitation of Staff on 14 <sup>th</sup> March 2017 and guidance by Dr. S. F. Patil Ex VC, Jalgaon University.

- 7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*) a. Student Research Scheme
  - b. Snake: Awareness, Conservation & Protection

### Please refer Annexure III for details

### 7.4 Contribution to environmental awareness / protection:

1. Use of Renewable energy

Solar energy is one of the sources for lights, fans, heaters used in the residences and in the college. Solar panel have been established on Girls Hostel for bath purpose. 2/3 of water from RO Plants is treated and used for plants and trees in the college.

Another Solar photovoltaic system of 5KVA have been established on our Research Building which is useful for lightning for two buildings. Moreover the need of electricity for fans, computers, printers and CCTV cameras in research building is provided by photovoltaic power system. The department which get benefitted due to solar energy are Electronics, Computer Science, Commerce, Sanskrit, Marathi, Philosophy, English, Hindi and classrooms and computer labs.

2. Tree Plantation

Sangamner is actually a drought prone area but the green environment of the college is largely due to tree plantation. There are about more than 6000 trees of various kinds in the campus. Trees have nearly covered 2/3 of the college area. They help to maintain the ecosystem. NSS unit planted 10,000 saplings at Adopted village konkangaon on 1<sup>st</sup> July 2016. NCC cadets planted saplings at village Velhale on 1<sup>st</sup> July 2016.

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- 10. Workshop for Farmers was organized by Department of Chemistry on 10<sup>th</sup> Jan 2017.
- 11. The college organized College Cleanliness drive in August 2016.
- 12. Department of Zoology collected Garlands and left over during Ganesh Idol Immersion on 15<sup>th</sup> Sept 2016.
- Department of Zoology carried out survey on Diversity, Protection and Conservation of Snakes on 7<sup>th</sup> Dec 2016 at 5 villages of Akole Tehsil.
- NCC unit organized a programme 'Save Water, Save Life' on the occasion of Water Day on 22<sup>nd</sup> March 2016.
- 15. A talk on 'Drought and Water Management' was organized on 1<sup>st</sup> Dec 2016 during Yashwantrao Chavan Memorial Lecture Series. Dr. R. G. Rasal was the speaker.
- 16. A talk on 'Save Environment: Save Nation' was organized on 3<sup>rd</sup> Dec 2016 during Yashwantrao Chavan Memorial Lecture Series.
- 17. NSS unit organized a Cycle rally to promote Water Conservation during 1<sup>st</sup> 5<sup>th</sup> Aug 2016.
- 18. NSS unit celebrated Global Handwash Day on 15<sup>th</sup> Oct 2016.

7.5	Whether environmental audit was	Yes	1	No	
condu	cted?	105	•	INU	

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

### 8. Plans of institution for next year

- 1. To initiate online admissions and upgrade MIS.
- 2. To raise funds for supporting Earn and Learn Scheme.
- 3. To take efforts to initiate more vocational courses.
- 4. To strengthen Competitive Exam Guidance Cell.
- 5. To successfully run DBT Star Programme
- 6. To continue and strengthen Mini Research and Student Research Scheme.
- 7. To promote teachers to apply for financial assistance for Research Projects.
- 8. To promote Yoga and its adaption in nearby schools.
- 9. To upgrade internet bandwidth.

1.83

Mr. S. A. Pingle

Signature of the Co-ordinator, IQAC

Principal

Dr. K. K. Deshmukh

Signature of the Chairperson

Sangamner Nagarpalika Arts, D. J. Malpani Commerce and B. N. Sarda Science College, Sangamner

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## Annexure I- Academic Calendar

## S. N. Arts, D. J. M. Commerce and B. N. S. Science College, Sangamner ACADEMIC CALENDAR 2016-17

Ju	ine	e <b>2</b> 0	<b>16</b>					a. 15 <sup>th</sup> June 2016- Commencement of Academic Year- Staf f Meeting- Formation of various curricular and co-curric
Su 5 12 19 26	M 6 13 20 27	Tu 7 14 21 28	W 1 8 15 22 29	Th         2         9         16         23         30	Fri 3 10 17 24	Sa 4 111 18 25	a-d e, f,g	<ul> <li>ular committees</li> <li>b. Review Meeting of admission committees</li> <li>c. Meeting of HoDs with Hon. Principal and IQAC, Depart mental Annual Planning and Calendar, SWOC Analysis</li> <li>d. Annual Teaching Plan</li> <li>e. Training Programme for Teaching Staff (Research Termi nology)</li> <li>f. Commencement of teaching for F. Y classes.</li> <li>g. 21<sup>st</sup> June 2016- International Yoga Day</li> <li>h. Training Programme for Teaching and Non-Teaching Sta ff (Softskills and personality Development)</li> </ul>
Ju	ly	20	16					a. Commencement of teaching for S. Y. and T. Y. and post graduate classes
Su	Μ	Tu	W	Th	Fri 1	Sa 2	a-c	<ul> <li>b. Academic and administrative Audit 2015-16</li> <li>c. Principal's address for newly admitted students</li> <li>d. First Meeting of IQAC</li> </ul>
3	4	5	6	7	8	9	d, e	<ul><li>e. Meeting of various committees with Hon. Principal.</li><li>f. Meeting of Library Advisory Committee</li></ul>
10	11	12	13	14	15	16	f	<ul><li>g. Exam Committee meeting- Review of Results</li><li>h. First meeting of Guardian teachers</li></ul>
17	18	19	20	21	22	23	g- m	i. Alumni meet
24	25	26	27	28	29	30		<ul> <li>j. Parents' Meet</li> <li>k. Feedback collection on syllabi from students/ Alumni/ e</li> </ul>
31								<ul><li>mployers</li><li>l. College Cleanliness Drive</li><li>m. Meeting of Local Management Committee (LMC)</li></ul>

								a Election of Student Council
	ugi	ist	20	<b>16</b>				a. Election of Student Council b. Basaarah Committee meeting. Scrutiny of projects under
Su	M	Tu	W	Th	Fri	Sa		b. Research Committee meeting- Scrutiny of projects under Student Research Scheme and Avishkar
Bu	. WI	Iu				Ga	a- d	c. Orientation to Postgraduate students for CBCS and skil
	1	2	3	4	5	6	a- u	based courses
7	8	9	10	11	12	13		d. Oath taking Ceremony of Student Council and Inaugura
	1.5	16	1.	10	10	•	e-g	on of Cultural Council
14	15	16	17	18	19	20	~ 5	e. Inauguration of various Councils
21	22	23	24	25	26	27		<ul> <li>f. 15<sup>th</sup> August 2016- Independence day</li> <li>g. First Internal Test (Science)</li> </ul>
28	29	30	31				h	<ul><li>g. First Internal Test (Science)</li><li>h. Feedback on teaching from Undergraduate students(I te</li></ul>
			•-					m)
								i. Green Audit
Se	ept	em	be	r 2	016	5		a. 5 <sup>th</sup> September 2016, Teachers' day- No vehicle day
Su	M	Tu	W	Th	Fri	Sa		<ul><li>b. 14th September 2016- Hindi day</li><li>c. Medical Check-up camp for First Year and Hostel stud</li></ul>
Su	IVI	lu		111	1.11	Ja		nts
				1	2	3	a-c	d. Programmes under UGC/ SPPU schemes
4	5	6	7	8	9	10		e. Co-curricular and extracurricular programmes of variou
11	10	10	14	15	10	15	d-j	committees
11	12	13	14	15	16	17	~ J	f. Second meeting of Guardian teachers
18	19	20	21	22	23	24		<ul><li>g. Mid Sem. Exam - M. Com and M. A.</li><li>h. Second Internal Test (Science)</li></ul>
25	26	27	28	29	30			i. Feedback on teaching from postgraduate students(I term
					•••			j. Dr. Babasaheb Ambedkar debate Competition
		_						2 <sup>nd</sup> O (2016 Dight Annie of Meleting Condition
	cto	be	r 2	010	5			a. 2 <sup>nd</sup> Oct2016- Birth Anniversary of Mahatma Gandhi- C llege Cleanliness Drive
Su	Μ	Tu	W	Th	Fri	Sa		b. Meeting of Examination Committee
							a-e	c. Principals address to Junior Supervisors
						1	a-c	d. Second meeting of IQAC
2	3	4	5	6	7	8		e. Commencement of University Examination
9	10	11	12	13	14	15	f-j	f. Analysis of feedback on teaching received from undergr
	17							duate students g. Review meeting of HoDs with Principal and IQAC
16	1	18	19	20	21	22		h. College term end examination
23	24	25	26	27	28	29	k,l	i. Meeting of Local Management Committee (LMC)
30	31							j. Term- end Staff meeting
								k. Diwali Vacations
								1. Submission of application for affiliation of new courses
								nd continuation of existing courses to SPPU.
L								

N	ove	eml	ber	• 20	)16		
Su	Μ	Tu	W	Th	Fri	Sa	
		1	2	3	4	5	a
6	7	8	9	10	11	12	
13	14	15	16	17	18	19	
20	21	22	23	24	25	26	b,c
27	28	29	30				
D	ece	m	ber	20	<b>16</b>		
D	ecember 2016						
Su	Μ	Tu	W	Th	Fri	Sa	
				1	2	3	a
4	5	6	7	8	9	10	b-g
			14	15	16	17	
11	12	13	14				
11 18	12 19	13 20	21	22	23	24	
				22 29	23 30	24 31	
18	19	20	21				

a	nu	ar	y 2	<b>01</b> ′	7			a. Co-curricular and extracurricular programmes of vario committees
	М	Tu	W	Th	Fri	Sa		b. Experts Talks/ Workshops/ Seminars
Su	1V1	TU	-vv	-111		Sa		c. Third Internal Exam (Science)
1	2	3	4	5	6	7	a-l	d. Exam Committee meeting- Result analysis of first term
8	9	10	11	12	13	14		e. Planning of Annual Social Gathering
15	16	17	18	19	20	21		<ul><li>f. Feedback on teaching from Undergraduate students</li><li>g. College- School Complex Competitions</li></ul>
15		17	10					h. Annual Sports
22	23	24	25	26	27	28	m- 0	i. 14 <sup>th</sup> Jan 2017- Geography day
29	30	31						j. Prize distribution ceremony- School College Complex
								k. Annual Social Gathering- Faculty-wise festivals
								I. Co-Curricular and extracurricular programmes of vario committees
								m. 25 <sup>th</sup> January 2017- Annual Prize distribution
								n. 26 <sup>th</sup> January 2017- Republic Day Celebration
								<ul> <li>o. 28<sup>th</sup> January 2017- Prin. M. V. Kaundinya Research Da</li> </ul>
	1				1 7			a. Review meeting of co-ordinators of various committe
<b>r</b> e	ebr	ua	ry	<b>2</b> 0.	17			with IQAC
Su	Μ	Tu	W	Th	Fri	Sa		b. College Cleanliness drive
							a-d	c. 10 <sup>th</sup> February 2017- University Foundation Day
			1	2	3	4	a-u	d. Feedback on teaching from postgraduate students (II m)
5	6	7	8	9	10	11		e. Departmental Prize distribution
12	13	14	15	16	17	18		f. Blood donation Camp
							e-k	g. Analysis of Feedback on teaching by undergraduate st
19	20	21	22	23	24	25	C-K	ents (II term)
26	27	28						h. 27 <sup>th</sup> February 2017- Marathi Day
								<ul> <li>i. 28<sup>th</sup> February 2017- National Science Day</li> <li>j. 4<sup>th</sup> Internal Test (Science)</li> </ul>
								k. Meeting of Local Management Committee (LMC)
		-						a. Student research competition distribution
M	ar	ch	201	17				b. Principal's address to Junior Supervisors
Su	М	Tu	W	Th	Fri	Sa		c. Analysis of feedback on teaching by Post Graduate Stu
.ou						4	a-c	nts (II term) d. 4 <sup>th</sup> meeting of IQAC
_	-		1	2	3			e. Mid Sem. Exam of M. Com/ M. A.
5	6	7	8	9	10	11	7	f. Commencement of University Examination
12	13	14	15	16	17	18	d,e	g. Late OmkarnathMalpaniSanskritatma Award Distribu
19	20	21	22	23	24	25	f-h	h. Review Meeting of HoDs with IQAC and Principal
26	27	28	29	30	31			
					1			

A	pri	12	017	7			
Su	Μ	Tu	W	Th	Fri	Sa	
						1	a,b
2	3	4	5	6	7	8	
9	10	11	12	13	14	15	
16	17	18	19	20	21	22	
23	24	25	26	27	28	29	c-f
30							

## Annexure II

## *Feedback on Teaching and Analysis* Feedback Analysis for the Academic Year 2016-17

## Feedback from Students(Offline)

	Botany Term - I						
Sr. No.	Teacher's Name	Paper	Class	Feedback Score			
1.	Mr M. V. Divekar	Horticulture & Floriculture	T. Y. B. Sc.	2.4			
2	Dr C D Jodhov	Botany – I	S. Y. B. Sc. 'B'	3.5			
2.	Dr S. D. Jadhav	Cell & Molecular	T. Y. B. Sc.	3.5			

		Botany – II	S. Y. B. Sc. 'B'	3.5
3.	Mr A. N. Tambe			
		Genetics & Evaluation	T. Y. B. Sc.	3.4
4.	Ms K. P. Birari	Computational Botany	T. Y. B. Sc.	3.6
5.	Mr M. B. Gunjal	Botany – II	F. Y. B. Sc. 'B'	3.7
5.	Mi Mi D. Gunjai	Spermatophytics Botany	T. Y. B. Sc.	3.3
6	Ma K. D. Douto	Botany – I	F. Y. B. Sc. 'B'	3.1
6.	Ms K. P. Rayte	Cryptogamic Botany	T. Y. B. Sc.	2.3
7.	Dr M. S. Khyade	Plant Physiology and Biochemistry	M. Sc I	3.9
		Spermatophytics Botany	M. Sc II	3.3
8.	Mr M. B. Navale	Genetics & Plant Breeding	M. Sc I	3.8
0.	WII WI. D. Wavale	Industrial Botany	M. Sc II	3.5
_		Botanical Techniques	M. Sc I	3.8
9.	Mr A. D. Padwal	Genetics & Molecular Biology	M. Sc II	2.3
		Cryptogamic Botany	M. Sc I	3.4
10.	Ms P. J. Bhangre	Developmental & Economic Botany	M. Sc II	1.9
		Botany Term - II		
	Dr S. D. Jadhav	Botany - I	S. Y. B. Sc. 'B'	3.5
1.		Plant Biotechnology	T. Y. B. Sc.	3.6
2.	Dr M. S. Khyade	Molecular Biology & Genetic Engineering	M. Sc. – I	3.7
2.		Plant Organism Interaction	M. Sc. – II	3.3
3.	Mr M. B. Navale	Plant Ecology & Phytogeography	M. Sc. – I	3.8

		Industrial Botany-II	M. Sc. – II	3.7
	Mr A. D. Padwal	Cryptogamic Botany - II	M. Sc. – I	3.6
4.		Plant Pathology	M. Sc. – II	2.5
_	Mr A. N. Tambe	Botany – II	S. Y. B. Sc. 'B'	3.5
5.		Plant Physiology & Biochem.	T. Y. B. Sc.	3.3
	Ms P. R. Pawar	Cell Biology & Evolution	M. Sc. – I	3.6
6.		Computational Botany	M. Sc. – II	1.8
	Ms K. P. Rayte	Botany –I	F. Y. B. Sc. 'B'	2.6
7.	WIS IS. I. Kayte	Plant Ecology	T. Y. B. Sc.	2.2
8.	Ms K. P. Birari	Plant Breeding & seed Technology	T. Y. B. Sc.	3.4
0		Plant Pathology	T. Y. B. Sc.	3.4
0	Mr M. B. Gunjal	Botany - II	F. Y. B. Sc. 'B'	3.6
9.		Medicinal & Economic Botany	T. Y. B. Sc.	3.3
		Chemistry Term -I		
		Organic Chemistry	S. Y. B. Sc. 'B'	2.7
1.	Dr D.B. Gujarathi	Analytical Chemistry	T. Y. B. Sc.	3.7
		Industrial Chemistry	T. Y. B. Sc.	3.6
		Polymer Chemistry	T. Y. B. Sc.	3.7
•		Industrial Chemistry	T. Y. B. Sc.	3.6
2.	Dr M. S. More	Organic Chemistry	T. Y. B. Sc.	3.8
		СНО - 350	M. Sc II	3.7

		Analytical Chemistry	S. Y. B. Sc. 'B'	3.5
3.	Mr P. T. Tryambake	Organic Chemistry	T. Y. B. Sc.	3.5
		Polymer Chemistry	T. Y. B. Sc.	3.5
4.	Mr M D Phoyo	Chemistry – I	F. Y. B. Sc. 'B'	3.4
4.	Mr M. R. Bhoye	Inorganic Chemistry	T. Y. B. Sc.	3.9
		Chemistry – II	F. Y. B. Sc. 'A'	3.4
5.	Mr S. R. Shrimandilkar	Chemistry – I	S. Y. B. Sc. 'B'	3.5
		Chemistry – II	S. Y. B. Sc. 'C'	3.3
		Chemistry – II	F. Y. B. Sc. 'B'	3.7
6.	Mr A. G. Kadlag	Physical Chemistry	T. Y. B. Sc.	3.6
		СНО- 351	M. Sc II	3.7
		Chemistry – II	F. Y. B. Sc. 'C'	3.3
7.	Mr T. R. Gaje	Analytical Chemistry	T. Y. B. Sc.	3.2
		Dairy – Agri Chemistry	T. Y. B. Sc.	3.5
8.	Ms P. Kobarne	Chemistry – I	F. Y. B. Sc. 'A'	3.0
0.	Wis F. Kobarne	Chemistry – I	S. Y. B. Sc. 'C'	3.1
		Chemistry – II	F. Y. B. Sc. 'C'	3.1
9.	Mr B. R. Muntode	Inorganic Chemistry	S. Y. B. Sc. 'B'	3.3
у.	wir D. K. muniode	Chemistry – II	S. Y. B. Sc. 'C'	2.1
		Dairy Chemistry	T. Y. B. Sc.	3.4
10.	Dr R. S. Oza	СНО-352	M. Sc II	3.9
11.	Dr Y. K. Abhale	СНО-150	M. Sc I	3.8

Sangamner Nagarpalika Arts, D. J. Malpani Commerce and B. N. Sarda Science College, Sangamner

		СНО-351	M. Sc II	3.9
12.	Ms S. G. Dengale	CHP-110	M. Sc I	3.4
		CHI-130	M. Sc I	3.6
13.	Mr N. D. Phatangare	CHA-190	M. Sc I	3.6
		СНО-353	M. Sc II	3.6
14	Mr S. S. Pansambal	СНО-150	M. Sc I	3.5
14.	Wir S. S. Fansanibar	СНО-350	M. Sc II	3.8
15	Mr G. J. Hase	CHI-130	M. Sc I	3.4
15.	Mr G. J. Hase	СНО-353	M. Sc II	3.7
16.	Mr. K. T. Bharati	CHA-380	M. Sc II	3.5
10.		СНА –392	M. Sc II	3.5
17.	Ms S. S. Dichayal	CHA – 190	M. Sc I	3.6
1/.		CHA-391	M. Sc II	4.0
18.	Mr A. B. Gosavi	CHA-380	M. Sc II	3.5
10.	WIT A. D. GUSAVI	CHA-390	M. Sc II	3.7
		Chemistry Term -II		
1.	Dr D. P. Cuiorothi	Industrial Chemistry	T. Y. B. Sc.	3.7
1.	Dr D.B. Gujarathi	Analytical Chemistry	T. Y. B. Sc.	3.7
		Polymer Chemistry	T. Y. B. Sc.	3.7
2	Dr M S Moro	Industrial Chemistry	T. Y. B. Sc.	3.6
2.	Dr M. S. More	Organic Chemistry	T. Y. B. Sc.	3.7
		СНО - 250	M. Sc II	3.4

	Mr P. T. Tryambake	Analytical Chemistry	S. Y. B. Sc. 'B'	3.4
3.		Organic Chemistry	T. Y. B. Sc.	3.4
		Polymer Chemistry	T. Y. B. Sc.	3.3
4	Mr M D Phone	Chemistry - I	F. Y. B. Sc. 'B'	3.4
4.	Mr M. R. Bhoye	Inorganic Chemistry	T. Y. B. Sc.	3.9
		Chemistry - II	F. Y. B. Sc. 'A'	3.7
5.	Mr S. R. Shrimandilkar	Chemistry - I	S. Y. B. Sc. 'B'	3.6
		Chemistry - II	S. Y. B. Sc. 'C'	3.4
		Chemistry - II	F. Y. B. Sc. 'B'	3.3
6.	Mr A. G. Kadlag	Chemistry - I	T. Y. B. Sc.	3.8
		СНО- 452	M. Sc II	3.2
7.	Dr R. S. Oza	СНО - 453	M. Sc II	3.5
8.	Dr Y. K. Abhale	СНО-450	M. Sc II	3.7
9.	Mr S. S. Pansambal	СНО-250	M. Sc I	3.5
9.		СНО - 452	M. Sc II	3.5
10.	Mr N. D. Phatangare	CHA-290	M. Sc I	3.5
10.	MIT N. D. Fhatangare	CHA-451	M. Sc II	3.5
11.	Ms S. G. Dengale	CHP-110	M. Sc I	3.5
12.	Mr G. J. Hase	CHI-230	M. Sc I	3.5
13.	Mr A B Cocovi	CHA-491	M. Sc II	2.5
13.	Mr A. B. Gosavi	СНА-492	M. Sc II	2.5
14.	Mr. K. T. Bharati	CHA -481	M. Sc II	2.9

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		CHA -492	M. Sc II	3.0
15		СНА-290	M. Sc I	3.4
15.	Ms S. S. Dichayal	СНО-353	M. Sc II	3.7
		Chemistry-II	F. Y. B. Sc. 'C'	3.7
16	Mr A. S. Gadakh	Inorg. Chem.	S. Y. B. Sc. 'B'	2.9
16.		Chemistry-II	S. Y. B. Sc. 'C'	2.9
		Dairy-Agri. Chem.	T. Y. B. Sc.	3.4
		Chemistry-I	F. Y. B. Sc. 'C'	3.5
17.	Mr T. R. Gaje	Ana. Chemistry	S. Y. B. Sc. 'B'	2.9
		Ana. Chemistry	T. Y. B. Sc.	3.6
10	Ms P. B. Kobarne	Chemistry-I	F. Y. B. Sc. 'A'	3.2
18.		Chemistry-I	S. Y. B. Sc. 'C'	3.1
		Commerce Term - ]	[	
		Advanced Accounting	F. Y. B. Com. 'B'	3.7
1.	Dr A. D. Gaikwad	Auditing & Taxation	T. Y. B. Com. 'A'	3.8
		Specialized area in Auditing	M. Com. – II 'A'	3.8
		Business Communication	S. Y. B. Com. 'B'	3.9
2.	Dr D. M. Gujarathi	Cost & Works A/c- III	T. Y. B. Com. 'B'	3.5
		Management Audit	M. Com. – II 'C'	3.0
		Cost & Work Accounting	S. Y. B. Com. 'B'	3.8
3.	Mr O. R. Bihani	Cost & Works A/c- III	T. Y. B. Com. 'B'	3.4
		Management Account	M. Com. –I 'A'	3.5

		Production Operation Mgnt.	M. Com. –I 'B'	3.3
		Advanced Accounting	F. Y. B. Com. 'A'	3.5
4.	Dr A. D. Divekar	Advanced Accounting	T. Y. B. Com. 'B'	3.5
4.		Advanced Accounting	M. Com. – I 'A'	3.5
		Business Finance	M. Com. – II 'A'	3.7
		Elements of C. Law	S. Y. B. Com. 'D'	3.3
5.	Dr M. V. Jagtap	Auditing & Taxation	T. Y. B. Com. 'C'	2.3
5.		Strategic Management	M. Com. – I 'B'	3.3
		Organization Behaviour	M. Com. – II 'B'	3.3
		Financial Accounting	F. Y. B. Com. 'D'	3.1
6.	Ms L. B. Malusare	Marketing - III	T. Y. B. Com. 'C'	3.6
0.		Management Accounting	M. Com. – I 'B'	3.2
		Business Finance	M. Com. – II 'C'	1.9
		Marketing & Management	F. Y. B. Com. 'C'	3.6
		Business Communication	S. Y. B. Com. 'D'	3.8
7.	Dr H. B. Panjabi	Advanced Accounting	T. Y. B. Com. 'A'	3.5
		Advanced Accounting	T. Y. B. Com. 'C'	3.7
		Strategic Management	M. Com. – I 'C'	3.9
		Business Maths & Stats	F. Y. B. Com. 'C'	3.6
o	Mr R. B. Tribhuwan	Business Maths & Stats	F. Y. B. Com. 'D'	3.7
8.		Business Management	S. Y. B. Com. 'D'	3.6
		M. Law	T. Y. B. Com. 'A'	3.5

		Financial Management	M. Com. – I 'B'	3.3
		Research Methodology	M. Com. –II 'A'	3.4
		Elements of Company Law	S. Y. B. Com. 'C'	3.9
		Marketing Management	S. Y. B. Com. 'D'	3.9
9.	Mr R. K. Ratne	M. Law	T. Y. B. Com. 'C'	3.9
9.		Production Operation Mgnt.	M. Com. –I 'B'	3.8
		Organizational Behaviour	M. Com. –II 'B'	3.6
		Research Methodology	M. Com. –II 'C'	3.6
		Financial Accounting	F. Y. B. Com 'C'	3.5
	Mr N. B. Argade	Marketing Management	F. Y. B. Com 'D'	3.6
		Business Management - I	S. Y. B. Com 'C'	3.4
10.		Computer Application - VII	T. Y. B. Com.	2.9
		Banking & Finance - II	T. Y. B. Com. 'A'	3.4
		Business Finance	M. Com. – II 'A'	3.1
		Business Finance	M. Com. – II 'B'	3.0
		Marketing Management	F. Y. B. Com 'A'	3.5
		Corporate Accounting	S. Y. B. Com 'C'	3.5
11.	Ms H. A. Tare	Corporate Accounting	S. Y. B. Com 'D'	3.6
11.		Marketing Management - II	T. Y. B. Com 'C'	3.2
		Costing - I	M. Com. – I 'C'	3.9
		Cost Audit	M. Com. – II 'C'	2.9
12.	Dr V. A. Mendhkar	OSD	F. Y. B. Com. 'C'	3.6

		Corporate Accounting	S. Y. B. Com. 'A'	3.7
		Corporate Accounting	S. Y. B. Com. 'B'	3.7
		Banking & Finance- III	T. Y. B. Com. 'A'	3.7
		Financial Management	M. Com. – I 'A'	3.4
		Human Resource Mgnt.	M. Com. – II 'B'	3.3
		Maths & Stats	F. Y. B. Com. 'A'	3.5
		OSD	F. Y. B. Com. 'D'	3.5
13.	Mr S. S. Lende	Business Communication	S. Y. B. Com. 'A'	3.7
13.		Business Communication	S. Y. B. Com. 'C'	3.6
		Management Accounting	M. Com. – I 'C'	3.9
		Business Finance	M. Com. – II 'C'	2.2
		Maths & Stats	F. Y. B. Com. 'B'	3.6
	Mr D. S. Jadhav	Business Management	S. Y. B. Com. 'A'	3.1
14.		Auditing & Taxation	T. Y. B. Com. 'B'	2.7
		Income Tax	M. Com. – I 'A'	3.1
		Advanced Auditing & Taxation	M. Com. – II 'A'	3.7
		Marketing Management	F. Y. B. Com. 'B'	3.2
		Elements of Company Law	S. Y. B. Com. 'A'	2.3
15	Ms S. B. Perne	Elements of Company Law	S. Y. B. Com. 'B'	3.0
15.		Mercantile Law	T. Y. B. Com. 'B'	2.3
		Strategic Management	M. Com. – I 'C'	3.7
		Research Methodology for Business	M. Com. – II ' B'	3.2

	Ms P. P. Biyani	OSD	F. Y. B. Com. 'B'	3.3
16		Cost & Work Accounting	S. Y. B. Com. 'A'	3.1
16.		Business Management	S. Y. B. Com. 'B'	3.1
		Strategic Management	M. Com. – I 'A'	2.4
17.	Mr S. L. Phad	OSD	F. Y. B. Com. 'A'	3.4
10	Ms T. M. Unawane	Computer Application	S. Y. B. Com. 'A'	3.5
18.		Computer Application - V	T. Y. B. Com.	2.4
		Commerce Term - I	ſ	
1	Dr A. H. Gaikwad	Advanced Accounting	F. Y. B. Com. 'B'	3.8
1.		Auditing & Taxation	T. Y. B. Com. 'A'	3.9
		Business Communication	S. Y. B. Com. 'B'	3.9
2.	Dr D. M. Gujarathi	Cost & Works Accounting II	T. Y. B. Com. 'B'	3.6
		Industrial Economics	M. Com II 'A'	3.6
		Cost & Works Accounting	S. Y. B. Com. 'B'	3.8
2	Mr O. R. Bihani	Cost & Works Accounting II	T. Y. B. Com. 'B'	3.4
3.		Financial Analysis & Control	M. Com I 'A'	3.6
		Business Ethics	M. Com I 'B'	3.4
		Advanced Accounting	F. Y. B. Com. 'A'	3.6
	Dr A. D. Divekar	Advanced Accounting	T. Y. B. Com. 'B'	3.5
4.		Advanced Account	M. Com. – I 'A'	3.7
		C. M. & F. S.	M. Com. – II 'A'	3.8
5.	Dr M. V. Jagtap	Elements of Company Law	S. Y. B. Com. 'D'	3.0
	I			

		Auditing & Taxation	T. Y. B. Com. 'C'	2.1
		Industrial Economics	M. Com I 'B'	3.0
		Marketing	F. Y. B. Com. 'C'	3.7
		Business Communication	S. Y. B. Com. 'D'	3.5
	Dr H. B. Panjabi	Advanced Accounting	T. Y. B. Com. 'A'	3.6
6.		Advanced Accounting	T. Y. B. Com. 'C'	3.7
		Cost Control & System- IV	M. Com. – I 'C'	4.0
		Industrial Economics	M. Com I 'C'	3.9
		Maths	F. Y. B. Com. 'C'	3.7
		Maths	F. Y. B. Com. 'D'	3.7
_	Mr R. B. Tribhuwan	Business Management S. Y. B. Com. 'D'	3.3	
7.		M. Law	T. Y. B. Com. 'A'	3.6
		Elements of Knowledge Mgnt. M. C	M. Com. – I 'B'	3.4
		Industrial Economics & Env.	M. Com. – II 'A'	3.6
		Elements of Company Law	S. Y. B. Com. 'C'	3.9
		Marketing Management	S. Y. B. Com. 'D'	3.7
8.	Mr R. K. Ratne	M. Law	T. Y. B. Com. 'C'	3.9
		Business Ethics	M. Com. – I 'B'	3.5
		Industrial Economics & Env.	M. Com. – II 'C'	3.7
		OSD	F. Y. B. Com. 'C'	3.5
9.	Mr N. B. Argade	Financial Accounting	F. Y. B. Com. 'D'	3.7
		Business Management	S. Y. B. Com. 'C'	3.3

		Banking & Finance - II	T. Y. B. Com. 'A'	3.5
		Computer Application - VII	T. Y. B. Com. 'A'	3.0
		Capital Market & F. Services	M. Com. – II 'A'	3.1
		Capital Market & F. Services	M. Com. – II 'B'	3.2
		Capital Market & F. Services	M. Com. – II 'C'	2.3
		Marketing	F. Y. B. Com. 'A'	3.6
		Corporate Account	S. Y. B. Com. 'C'	3.5
10	Ms H. A. Tare	Corporate Account	S. Y. B. Com. 'D'	3.3
10.		Marketing - II	T. Y. B. Com. 'C'	3.1
		Costing - III	M. Com. – I 'C'	3.9
		Advanced Cost & Works A/c	M. Com. – II 'C'	3.2
		Account	F. Y. B. Com. 'C'	3.7
		Corporate Accounting	S. Y. B. Com. 'A' S. Y. B. Com. 'B'	3.8
11.	Dr V. A. Mendhkar	Corporate Accounting		3.7
11.		Banking - III	T. Y. B. Com. 'A'	3.7
		Knowledge Management	M. Com I 'B'	3.3
		R. T. B. A.	M. Com. – II 'B'	3.4
		Mathematics & Statistics	F. Y. B. Com. 'A'	3.5
		OSD	F. Y. B. Com. 'D'	3.7
12.	Mr S. S. Lende	Business Communication	S. Y. B. Com. 'A'	3.7
		Business Communication	S. Y. B. Com. 'C'	3.6
		Financial Analysis & Control	M. Com I 'B'	3.6

		Financial Analysis & Control	M. ComI 'C'	3.9
		Capital Market	M. ComII 'C'	2.2
		Mathematics & Statistics	F. Y. B. Com. 'B'	3.6
		Business Management S. Y. B. Com. 'A'	S. Y. B. Com. 'A'	3.3
13.	Mr D. S. Jadhav	Audit & Taxation	T. Y. B. Com. 'B'	2.6
		Income Tax	M. Com. I 'A'	3.2
		Recent Advance in Accounting , Taxation & Auditing	M. Com. II 'B'	3.4
		Marketing Management	F. Y. B. Com. 'B'	3.2
		Company Law	F. Y. B. Com. 'B'         S. Y. B. Com. 'A'         S. Y. B. Com. 'B'         T. Y. B. Com. 'B'	2.5
14.	Ms S. B. Perne	Elements of Company Law		3.1
14.		M. Law		2.3
		Industrial Economics	M. Com. – I 'C'	3.7
		Industrial Economics & Environment	M. Com. II 'B'	3.4
		OSD	F. Y. B. Com. 'A'	3.4
		OSD	F. Y. B. Com. 'B'	3.5
15	Mr S. L. Phad	Cost & Works Account	S. Y. B. Com. 'A'	3.2
15.		Business Management	S. Y. B. Com. 'B'	3.3
		Industrial Economics	M. Com. – I 'A'	3.1
		Advanced Cost & Cost Accounting	M. Com. II 'C'	2.4
16	Ms S. U. Kadlag	Marketing	F. Y. B. Com. 'D'	3.6
16.		Marketing - III	S. Y. B. Com. 'B'	3.4
17.	Ms T. M. Unawane	Computer Applications - VI	T. Y. B. Com. 'A'	2.6

	Economics Term - I				
	Dr N. S. Sabale	Economics - S1	S.Y.B.A.	3.6	
1.		Economics – G3	T.Y.B.A.	3.4	
1.		Public Finance	M. A I	3.4	
		Growth & Development	M. A II	2.7	
		Economics – G1	F.Y.B. A. 'B'	3.7	
2.	Mr G. K. Sanap	Micro Economics	F. Y. B. Com. 'C'	3.6	
2.		Economics S-2	S. Y. B. A.	3.7	
		Micro Economics	M. A I	3.6	
		Economics	F. Y. B. Com. 'D'	3.3	
3.	Dr P. J. Phalphale	Economics- G2	S. Y. B. A.	3.7	
5.		International Trade	M. A I	3.5	
		Macro Economics	M. A II	3.1	
		Economics	F. Y. B. A. 'A'	3.5	
4.	Mr K. D. Jadhav	Economics S-4	T.Y.B.A.	3.8	
4.		Economics	T. Y. B. Com. 'A'	3.6	
		Demography	M. A II	2.7	
		Micro Economics	F. Y. B. Com. 'A'	3.5	
		Economics	F. Y. B. Com. 'B'	3.8	
5.	Dr G. R. Jaitmal	Macro Economics	S. Y. B. Com. 'A'	3.7	
		Economics	S. Y. B. Com. 'B'	3.8	
		Modern Banking	M. A II	3.1	

		Micro Economics	F. Y. B. A. 'C'	3.3
		Macro Economics	S. Y. B. Com. 'C'	3.5
6	Dr A. B. Hase	Economics	T. Y. B. Com. 'B'	3.5
6.		Economics	T. Y. B. Com. 'C'	3.5
		International Trade	M. A I	3.5
		Growth & Development	M. A II 2.9	2.9
		Economics	S. Y. B. Com. 'C'	3.2
		Economics	S. Y. B. Com. 'D'	3.4
7.	Ms S. R. Jangid	Economics G-3	T.Y.B.A.	3.5
/.		Economics S-3	T.Y.B.A.	3.6
		Indian Economics Policy	M. A I	3.5
		Modern Banking	M. A II	2.8
		<b>Economics Term -</b>	II	
		Economics – S1	S. Y. B. A.	3.6
1	Dr N. S. Sabale	Economics – Gen	T. Y. B. A.	3.4
1.		Public Economics	M. A I	3.3
		Growth & Development	M. A II	3.2
		Economics – G1	F. Y. B. A. 'B'	3.3
	Mr G. K. Sanap	Economics	F. Y. B. Com. 'C'	3.6
2.		Economics – S2	S. Y. B. A.	3.6
		Micro Economics	M. A I	3.6
3.	Dr P. J. Phalphale	Economics	F. Y. B. Com. 'D'	3.8

		Economics – Gen	S. Y. B. A.	3.6
		International Trade	M. A I	3.4
		Macro Economics	M. A II	3.2
		Economics	F. Y. B. A. 'A'	3.7
4.	Dr K. D. Jadhav	Economics - S4	T. Y. B. A.	3.8
4.		Indian Economics	T. Y. B. Com. 'A'	3.7
		Research methodology	M. A II	3.0
		Economics	F. Y. B. Com. 'A'	3.5
		Economics	F. Y. B. Com. 'B'	3.8
5.	Dr G. R. Jaitmal	Macro Economics	S. Y. B. Com. 'A'	3.7
		Macro Economics	S. Y. B. Com. 'B'	3.8
		Rural Development	M. A II	3.4
		Economics	F. Y. B. A. 'C'	3.5
		Micro Economics	S. Y. B. Com. 'C'	3.5
6.	Dr A. B. Hase	Global Economics	T. Y. B. Com. 'B'	3.5
0.		Economics	T. Y. B. Com. 'C'	3.5
		International Trade	M. A I	3.4
		Growth & Development	M. A II	3.1
		Economics G3	T. Y. B. A.	3.5
7.	Ms S. R. Jangid	Economics S3	T. Y. B. A.	3.7
/•		Agricultural Economics	M.AI	3.5
		Rural Development	M. A II	3.2

		Banking & Finance	S. Y. B. Com. 'C'	3.2
		Macro Economics	S. Y. B. Com. 'D'	3.2
		Electronics Term -	I	
1.	Mr S.V. Bhagwat	Principle Of Semiconductor	T. Y. B. Sc.	3.2
2.	Mr P. M. Garje	'C' Programming	T. Y. B. Sc.	3.3
		Electronics - II	F. Y. B. Sc. 'A'	3.4
3.	Mr P. K. Shinde	Electronics - II	F. Y. B. Sc. 'C'	3.8
		Microcontroller	T. Y. B. Sc.	3.6
4	Mr.S. C. Physical	Digital Electronics	S. Y. B. Sc. 'A'	3.7
4.	Mr S. C. Bhusal	Fiber optic communication	T. Y. B. Sc.	3.4
~		Electronics - I	S. Y. B. Sc. 'A'	3.7
5.	Mr B. R. Balode	Analog CCT Design & Applications	T. Y. B. Sc.	3.7
		Electronics - I	F. Y. B. Sc. 'A'	3.3
6.	Ms I. R. Andela	Electronics - I	F. Y. B. Sc. 'C'	3.9
		Advanced Digital System Design	T. Y. B. Sc.	3.5
		Electronics Term - 1	II	
1.	Mr S.V. Bhagwat	Nanoelectronics	T. Y. B. Sc.	3.2
2.	Mr P. M. Garje	MATLAB	T. Y. B. Sc.	2.9
		Electronics – II	F. Y. B. Sc. 'A'	3.9
3.	Mr P. K. Shinde	Electronics – II	F. Y. B. Sc. 'C'	3.9
		Microcontroller & and its Applications	T. Y. B. Sc.	3.4
4.	Mr S. C. Bhusal	Electronics – II	S. Y. B. Sc. 'A'	2.8

		Industrial Automation	T. Y. B. Sc.	3.4
_		Instrumentation	S. Y. B. Sc. 'A'	2.9
5.	Mr B. R. Balode	Power Electronics	T. Y. B. Sc.	3.5
		Electronics – I	F. Y. B. Sc. 'A'	3.2
6.	Ms I. R. Andela	Electronics – I	F. Y. B. Sc. 'C'	3.9
		Advanced Communication system	T. Y. B. Sc.	3.3
		English Term - I		
		Optional English	F. Y. B. A. 'A'	3.9
1	Dr R. S. Kawale	Compulsory English.	T. Y. B. A. 'B'	3.1
1.		Literacy Criticism & Theory	M. A. – I	3.8
		Drama in English	M. A. – II	3.5
		English	F. Y. B. Com. 'A'	3.4
•	Mr A. N. Lele	English – S4 T. Y. B. A.	T. Y. B. A.	2.4
2.		English Literature 1798 - 2000	M. A I	3.3
		Indian Writing in English	M. A. – II	2.9
		Compulsory English.	T. Y. B. A.	3.4
2	Dr R. B. Tasildar	English - S3	T. Y. B. A. 'A'	3.8
3.		English Literature From 1550 - 1798	M. A I	3.6
		ELLT	M. A. – II	3.5
		English – S1	S. Y. B. A.	3.9
4.	Dr U. S. Jagdale	English Literature From 1550 - 1798	M. A I	3.3
		American Literature	M. A. – II	3.2

5.		Compulsory English.	F. Y. B. Com. 'B'	3.6
	Mr D. M. Ghodke	English – S2	S. Y. B. A. 'B;	3.9
		Contemporary studies of English Language	M. A. – I	3.5
		Indian Writing in English	M. A. – II	2.8
		English.	F. Y. B. A. 'B'	3.0
		English.	F. Y. B. A. 'C' F. Y. B. Com. 'D'	3.0
	Mr P. B. Dhomse	Compulsory English.		3.6
6.		English – S2	S. Y. B. A.'A'	3.1
		Compulsory English	T. Y. B. A.	3.2
		Skills in Scientific Communication (Eng.)	M. Sc I (Zoology)	2.9
		Compulsory English.	F. Y. B. A. 'A'	2.7
		Compulsory English	F. Y. B. Com. 'C'	3.3
7.	Ms Namita Kharat	General English	S. Y. B.A.	3.0
/.		Technical English	S. Y. B. C. S.	2.9
		English – G3	T. Y. B. A.	3.4
		SSCW(English)	M. Sc I (Zoology)	3.0
	•	English Term - II		
		English – Gen.	F. Y. B. A. 'A'	3.5
1	Dr R. S. Kawale	Compulsory English	T. Y. B. A.	3.3
1.		Criticism & Theory	M. A I	3.8
		Drama in English	M. A II	3.4

		English	F. Y. B. Com. 'A'	3.4
•	Mr A. N. Lele	English – S4	Т. Ү. В. А.	2.7
2.		English Literature 1798 to 2000	M. A I	3.3
		Indian Writing in English	M. A II	3.0
		Compulsory English	Т. Ү. В. А.	3.4
3.	Dr R. B. Tasildar	English - S3	Т. Ү. В. А.	3.8
5.		English Literature 1550 -1798	M. A I	3.6
		ELLT	M. A II	3.5
		English– S1	S. Y. B. A.	3.9
4.	Dr U. S. Jagdale	English Literature 1550-1798	M. A. – I	3.5
		American Literature	M. A II	3.3
		English	F. Y. B. Com. 'A'	3.7
5.	Mr D. M. Ghodke	English– S2	S. Y. B. A. 'B'	4.0
5.		Contemporary Studies in English	M. A. – I	3.5
		Indian Writing in English	M. A. – II	2.9
		English	F. Y. B. A. 'A'	3.0
		English	F. Y. B. Com. 'C'	3.5
6.	Ms P. R. Phalke	Compulsory English	S. Y. B. A.	3.5
		English	S. Y. B. C. S.	2.7
		English –G3	Т. Ү. В. А.	2.6
7.	Mr P. B. Dhomse	Compulsory English	F. Y. B. A. 'B'	3.2
1.		English Compulsory	F. Y. B. A. 'C'	3.2

		English	F. Y. B. Com. 'D'	3.5
		Compulsory English	S. Y. B. A.	3.4
		Compulsory English	T. Y. B. A.	3.3
		Geography Term - I		
		Geography – S1	S. Y. B. A.	3.9
1.	Mr S. I. Bairagi	Geography – S3	T. Y. B. A.	3.7
		Geography – S4	T. Y. B. A.	3.8
		Geography	F. Y. B. A.'B'	3.8
2.	Mr R. D. Gaikwad	Geography – S2	S. Y. B. A.	3.9
		Geography – G3	T. Y. B. A.	3.6
	Mr S. B. Nawale	Geography	F. Y. B. A. 'A'	3.5
3.		Geography – G2	S. Y. B. A.	3.7
		Geography – S4	T. Y. B. A.	4.0
4.	Ms S. E. Landge	Geography	F. Y. B. A. 'C'	3.3
		301	M. A II	3.3
5.	Mr S. N. Deshmukh	302	M. A II	3.6
		305	M. A II	3.5
		Practical in Physical Geography	M. A I	3.7
6.	Mr B. V. Sonawane	Climatology	M. A I	3.6
		Geoinformatics-III (306)	M. A II	3.5
-	Mr S. P. Aher	Geomorphology	M. A I	3.7
7.		Practical in Geoinformatics	M. A II	3.6

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		Multivariate Statistics	M. A II	3.7
		Practical in Human Geography	M. A I	3.8
8.	Ms P. G. Gosavi	Principle of Economic Geography	M. A II	3.7
		302	M. A II	3.6
		Population & Settlement Geography	M. A I	3.6
9.	Ms R. D. Karpe	Urban Geography	M. A II	3.3
		333	M. A II	3.3
		Geography Term - II	[	
		Geography – S1	S. Y. B. A.	4.0
1.	Mr S. I. Bairagi	Geography – S3	T. Y. B. A.	3.7
		Geography – S4	T. Y. B. A.	3.8
	Mr R. D. Gaikwad	Geography	F. Y. B. A. 'B'	3.9
2.		Geography – S2	S. Y. B. A.	4.0
		Geography Gen.	T. Y. B. A.	3.4
		Geography	F. Y. B. A. 'A'	3.4
3.	Mr S. B. Nawale	Geography – G2	S. Y. B. A.	3.8
		Geography – S4	T. Y. B. A.	3.7
		Quantitative Techniques	M. A I	3.8
4.	Mr S. N. Deshmukh	Terrain Analysis (Pract.)	M. A I	3.8
		Prin. Of Regional Geo.	M. A II	3.4
-	NDVC	Geoinformatics-I	M. A I	3.8
5.	Mr B. V. Sonawane	Surveying field visit	M. A I	3.8

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		411	M. A II	3.6
		Geoinformatics-II	M. A I.	3.8
6.	Mr S. P. Aher	407	M. A II	3.5
		412	M. A II	3.5
		Geography of Tourism	M. A I	3.8
7.	Ms P. G. Gosavi	401	M. A II	3.6
/.	MIS P. G. Gosavi	Food Security of India	M. A II	3.6
		405	M. A II	3.6
		Cartography	M. A I	3.8
8.	Ms R. D. Karpe	Population Geography	M. A II	3.7
		423	M. A II	3.2
9.		Geography	F.Y.B.A. 'C'	3.3
9.	Ms S. E. Landge	Rural Settlement	M. A I	3.7
		Hindi Term - I		
		Hindi – S3	T. Y. B. A.	3.6
1.	Dr N. P. Jasud	भारतीय काव्यशास्त्र	M. A I	3.5
		महाकाव्य तथा खंडकाव्य	M. A II	3.3
		Hindi – S1	S. Y. B. A.	3.6
	Dr S. D. Chavan	Hindi General	T. Y. B. A.	3.3
2.		वैकल्पिक कबीर	M. A I	3.6
		अनुवाद विज्ञान	M. A II	3.4
3.	Dr J. P. Patil	Hindi - G1	F. Y. B. A. 'B'	3.7

		Hindi - G2	S. Y. B. A.	3.5
		भाषा विज्ञान	M. A II	3.6
		Hindi General	F. Y. B. A. 'C'	3.3
		Hindi - S1	S. Y. B. A.	3.8
4.	Dr S. S. Kadam	Hindi – S4	T. Y. B. A.	3.7
		आधुनिक हिन्दी साहित्य कथा , उपन्यास और कहानी	M. A I	3.8
		हिन्दी साहित्य का इतिहास	M. A II	3.8
		Hindi	F. Y. B. A. 'A'	3.4
	Dr R. N. Tonde	Hindi – S4	Т. Ү. В. А.	3.8
		प्राचीन और मध्ययुगीन काव्य	M. A. I	3.8
5.		हिन्दी साहित्य का इतिहास	M. A II	3.7
5.		Hindi	F. Y. B. Com. 'A'	4.0
		Hindi	F. Y. B. Com. 'B'	3.7
		Hindi	F. Y. B. Com. 'C'	3.5
		Hindi	F. Y. B. Com. 'D'	2.8
		Hindi Term - II		
		Hindi - S3	T. Y. B. A.	3.6
1.	Dr N. P. Jasud	पाश्यात्य साहित्य शास्त्र	M. A I	3.5
		आधुनिक काव्य	M. A. II	3.1
2	Dr S. D. Chavan	Hindi - S2	S. Y. B. A.	3.6
2.		Hindi - G3	Т. Ү. В. А.	3.4

		प्रयोजन मूलक हिन्दी	M. A I	3.6
		लोकसाहित्य	M. A II	3.2
		Hindi - G1	F. Y. B. A. 'B'	3.8
3.	Dr J. P. Patil	Hindi - G	S. Y. B. A.	3.5
5.		प्रयोजन मूलक हिन्दी	M. A. – I	3.6
		हिन्दी भाषा का ऐतिहासिक विकास	M. A. – II	3.5
		Hindi - G1	F. Y. B. A. 'C'	3.4
		Hindi-S1	S. Y. B. A.	3.8
4.	Dr S. S. Kadam	Hindi - S4	T. Y. B. A.	3.7
		आधुनिक हिन्दी नाटक और निबन्ध	M. A. – I	3.8
		हिन्दी साहित्य का इतिहास	M. A. – II	3.8
		Hindi	F. Y. B. A.	3.1
		Hindi-S4	T. Y. B. A.	3.8
		मध्य युगिनहिन्दी काव्य	M. A. – I	3.6
5.	Dr R. N. Tonde	हिन्दी साहित्य का इतिहास	M. A. – II	3.8
5.		Hindi	F. Y. B. Com. 'A'	4.0
		Hindi	F. Y. B. Com. 'B'	3.8
		Hindi	F. Y. B. Com. 'C'	3.5
		Hindi	F. Y. B. Com. 'D'	2.7
Marathi Term - I				
1.	Mr R. B. Kharat	ग्रामिण साहित्य	M. A I	3.3
1.		लोकसाहित्याची मुलतत्वे	M. A II	2.8

		Marathi - S3	Т. Ү. В. А.	4.0
2.	Dr A. S. Limbekar	मध्ययुगीन मराठी वङ्गमयाचा इतिहास	M. A I	3.4
		साहित्य समीक्षा व संशोधन	M. A II	2.8
		Marathi - S4	Т. Ү. В. А.	3.0
3.	Dr R. R. Hande	वर्णनात्मक भाषाविज्ञान	M. A I	3.5
		विशेष लेखकांचा अभ्यास	M. A II	3.2
		Marathi	F. Y. B. A. (C)	3.4
4.	Dr B. B. Gharule	Marathi – Gen.	S. Y. B. A.	2.0
4.		व्यावहारिक आणि उपयोजित मराठी	M. A I	3.1
		प्रसार माध्यमे आणि साहित्यव्यवहार	M. A II	3.0
5.	Mr N. M. Gavhane	Marathi	F. Y. B. A. (A)	3.1
5.		Marathi	F. Y. B. Com. (B)	3.2
		Marathi	F. Y. B. A. (B)	3.3
6.	Mr B. V. Ahire	Marathi General	T. Y. B. A.	3.5
		Marathi	F. Y. B. Com. (A)	3.5
		Marathi Term - II		
1	Mr R. B. Kharat	दलित साहित्य	M. A I	3.1
1.		लोकसाहित्याची मुलतत्वेआणि मराही लोकसाहित्य	M. A II	2.8
		Marathi-S3	T. Y. B. A.	4.0
2.	Dr A. S. Limbekar	मध्ययुगीनमराठीवान्ग्मायाचाइतिहा स	M. A I	3.3
		विशेष लेखकांचा अभ्यास	M. A II	2.8

		Marathi - S4	T. Y. B. A.	3.0
	Dr. D. D. Hondo		1. 1. D. A.	5.0
3.	Dr. R. R. Hande	सामाजिक भाषाविज्ञान	M. A I	3.4
		विशेष लेखकांचा अभ्यास	M. A II	3.4
		Marathi	F. Y. B. A. 'C'	3.2
4.	Dr B. B. Gharule	व्यावहारिक मराठी भाग – २	M. A I	3.1
		प्रसारमाध्यमे आणि साहित्य व्यवदार	M. A II	2.9
		Marathi	F. Y. B. A. 'A'	3.2
		Marathi	F. Y. B. A. 'B'	3.5
		Marathi - Gen	S. Y. B. A.	2.6
5.	Mr B. V. Ahire	Marathi Gen	T.Y.B.A.	3.6
5.		Marathi	F. Y. B. Com. 'A'	3.5
		Marathi	F. Y. B. Com. 'B'	3.6
		Marathi	F. Y. B. Com. 'C'	3.6
		Marathi	F. Y. B. Com. 'D'	3.8
		Mathematics Term - I	[	
		Mathematics - II	F. Y. B. Sc. 'A'	3.4
		Mathematics - II	F. Y. B. Sc. 'C'	3.7
1.	Mr S. K. Gudade	Operations Research	T. Y. B. Sc.	3.1
		Ordinary Differential Equations	T. Y. B. Sc.	3.1
		Problem Courses	T. Y. B. Sc.	3.2
2		Mathematics - I	S. Y. B. Sc. 'A'	3.3
2.	Mr D. R. Patil	Calculus	S. Y. B. Sc. 'C'	3.0

		Metric Spaces	T. Y. B. Sc.	3.0
		Problem Course	T. Y. B. Sc.	3.0
		Mathematics – II	S. Y. B. Sc. 'C'	3.5
3.	Mr U. D. Kharde	Problem Courses	T. Y. B. Sc.	3.5
5.	Mr U. D. Knarde	Group Theory	T. Y. B. Sc.	3.6
		Number Theory	T. Y. B. Sc.	3.5
	M.C.D. Marrie	Mathematics – I	F. Y. B. Sc. 'A'	3.4
4.	Ms S. B. Varpe	Mathematics – I	F. Y. B. Sc. 'C'	3.8
		Mathematics – I	S. Y. B. Sc. 'A'	3.3
5.	Ms S. S. Varpe	Real Analysis - I	T. Y. B. Sc.	2.8
		Problem Courses	T. Y. B. Sc.	2.7
		Mathematics Term	- II	
		Linear Algebra	S. Y. B. Sc.'A'	2.4
1.	Mr S. K. Gudade	Linear Algebra	S. Y. B. Sc. 'C'	3.4
		Optimization technique	T. Y. B. Sc.	3.2
		Mathematics –II	F. Y. B. Sc. 'A'	2.7
		Mathematics –II	F. Y. B. Sc. 'C'	3.3
2.	Mr D. R. Patil	Real Analysis	T. Y. B. Sc.	3.2
		Complex Analysis	T. Y. B. Sc.	3.2
		Problem Course	T. Y. B. Sc.	3.2
	Mr U. D. Kharde	Mathematics –II	S. Y. B. Sc. 'C'	3.7
3.		Ring Theory	T. Y. B. Sc.	3.5

		Problem Course	T. Y. B. Sc.	3.4
		Lebesgue Integral	T. Y. B. Sc.	3.5
4	Ms S. B. Varpe	Mathematics –I	F. Y. B. Sc. 'A'	3.5
4.		Mathematics –I	F. Y. B. Sc. 'C'	3.8
		Numerical Method and its Application	S. Y. B. Sc.'A'	2.6
5.	Ms S. S. Varpe	Problem Course	T. Y. B. Sc.	3.1
		Partial diff. Equation	T. Y. B. Sc.	3.0
		Physics Term - I		
1.	Mr R. V. Zaware	Computational Physics	T. Y. B. Sc.	3.0
2		Instrumentation	S. Y. B. Sc. 'A'	3.6
2.	Dr S. A. Arote	Classical Mechanics	T. Y. B. Sc. 'A'	3.6
2	Mr D. P. Nandagawali	Physics- I	F. Y. B. Sc. 'B'	3.5
3.		Atomic& Molecular Physics	T. Y. B. Sc.	3.0
4	Dr P. P.	MMP	S. Y. B. Sc. 'A'	3.5
4.	Bardapurkar	Solid State Physics	T. Y. B. Sc.	3.1
-		Physics – II	F. Y. B. Sc. 'A'	3.8
5.	Mr B. M. Palve	MMP	S. Y. B. Sc. 'C'	3.8
		Physics – II	F. Y. B. Sc. 'C'	3.2
6.	Mr D. L. Gapale	Mathematical Methods in Physics	T. Y. B. Sc.	3.0
7		Physics – I	F. Y. B. Sc. 'A'	3.4
7.	Dr S. R. Nawale	Renewable Energy	T. Y. B. Sc.	3.3
8.	Mr S. B. Pathan	Physics – I	F. Y. B. Sc. 'B'	3.6

		Physics – II	S. Y. B. Sc. 'C'	3.5
9.	Ms S. Avhad	Physics-I	F. Y. B. Sc. 'C'	3.7
10.	Ms P. B. Gunjal	Physics-I	S. Y. B. Sc. 'C'	2.0
11	MDCK	Electronics	M. Sc I	2.5
11.	Ms P. G. Katore	Electronic Instrumentation	M. Sc II	2.4
10		MMP	M. Sc I	3.7
12.	Mr A. S. Pathan	Physics of Semiconductor Devices	M. Sc II	3.0
12	Mr Y. V. Hase	Experimental Tech. in Physics	M. Sc I	3.7
13.	Wr 1. v. nase	Physics Of Thin Film	M. Sc II	3.7
14.	Ms S. N. Jadhav	Atoms & Molecules Physics	M. Sc I	3.4
14.	NIS S. N. Jaunav	Statistical Mechanics	M. Sc II	2.9
15.	Ms P. T. Kolhe	Classical Mechanics	M. Sc I	3.2
		Physics Term - II		
1.	Mr R. V. Zaware	Advanced Electronics	T. Y. B. Sc.	3.1
2	Dr. C. N. Doloi	Physics – I	F. Y. B. Sc. 'B'	2.9
2.	Dr S. N. Dalvi	Physics-II	S. Y. B. Sc. 'C'	3.4
2	Dr S. A. Arote	Optics	S. Y. B. Sc.'A'	3.1
3.	Dr 5. A. Arote	Nanotechnology	T. Y. B. Sc.	3.7
4	Mr.D.L. Corolo	Physics-II	F. Y. B. Sc. 'C'	3.4
4.	Mr D. L. Gapale	Thermodynamics and Statistical Physics	T. Y. B. Sc.	3.3
5	Ma D. M. Dalara	Physics - II	F. Y. B. Sc. 'A'	3.7
5.	Mr B. M. Palve	Quantum Mechanics	T. Y. B. Sc.	3.7

	Dr P. P.	Waves and Oscillation	S. Y. B. Sc. 'A'	3.0
6.	Bardapurkar	Classical Electrodynamics	T. Y. B. Sc.	3.2
		Physics - I	F. Y. B. Sc. 'A'	3.4
_	Dr. C. D. Marriala	Nuclear Physics	T. Y. B. Sc.	3.3
7.	Dr S. R. Nawale	Electrodynamics	M. Sc. – I	2.4
		Nuclear Physics	M. Sc. – II	2.8
0		Solid State Physics	M. Sc. – I	3.9
8.	Mr A. S. Pathan	Electronic Instrumentation	M. Sc. – II	3.8
9.	Mr S. B. Pathan	Physics - II	F. Y. B. Sc. 'B'	3.5
10	Mr.S. S. Dalikashar	ETP-II	M. Sc. – I	3.8
10.	Ms S. S. Pokharkar	Material Science	M. Sc. – II	3.5
11.	Mr S. S. Shewale	LASER	M. Sc. – I	1.8
10		Quantum Mechanics	M. Sc. – I	4.0
12.	Mr Y. V. Hase	Nanomaterial	M. Sc. – II	3.7
13.	Ms P. B. Gunjal	Physics - I	S. Y. B. Sc. 'C'	2.6
14.	Ms S. C. Avhad	Physics - I	F. Y. B. Sc. 'C'	3.8
		Politics Term - I		
		Politics – Gen.	S. Y. B. A.	3.2
1	Dr S. A. Benke	Politics – S3	T. Y. B. A.	3.7
1.		Political Theory	M. A I	3.9
		Political Thinking in Modern India	M. A II	3.5
2.		Politics – S2	S. Y. B. A.	3.8

		Politics – S3	T. Y. B. A.	3.7
	Dr S. A. Bhong	Public Administration	M. A I	3.6
		Theory of International Relations	M. A II	3.7
		Politics – Gen.	F. Y. B. A. 'A'	2.8
3.	Dr V. A. Kharat	Politics – S1	S. Y. B. A.	3.6
5.		Political Institutions in India	M. A I	3.8
		Indian Administration	M. A II	3.7
		Politics – Gen.	F. Y. B. A. 'B'	3.2
4.	Ms S. B. Shirode	Politics – G3	T. Y. B. A.	3.5
4.	Dr H. T. Kurkute	Modern Political Ideologist	M. A. I	3.6
		Political Thinking in Modern India	M. A II	3.5
		Politics – Gen.	F. Y. B. A. 'C'	3.5
5.		Politics – S4	Т. Ү. В. А.	3.8
5.		Political Institutions in India	M. A I	3.8
		Political Sociology	M. A II	3.6
		Politics Term - II		
		Politics Gen.	S. Y. B. A.	3.4
1.	Dr S. A. Benke	Political - S3	T. Y. B. A.	3.7
1.		तुलनात्मक राजकारण	M. A I	3.8
		राजकीय विचारांच्या परंपरा	M. A II	3.7
•	Dr S. A. Bhong	Political Science – S2	S. Y. B. A.	3.7
2.		Political Science – S3	T. Y. B. A.	3.7

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		सार्वजनिक धोरण	M. A I	3.6
		भारतातील पक्षपद्धती	M. A II	3.7
		Politics	F. Y. B. A. 'A'	3.2
•	Dr V. A. Kharat	Politics S1	S. Y. B. A.	3.6
3.		भारतातील राज्यांचे राजकारण	M. A I	3.6
		Political process In India	M. A II	3.7
		Politics	F. Y. B. A. 'B'	3.4
4	Ms S. B. Shirode	Politics G-3	T. Y. B. A.	3.5
4.		Issues In World politics	M. A I	3.7
		Tradition Of Political Thoughts	M. A II	3.6
	Dr H. T. Kurkute	Politics	F. Y. B. A. 'C'	3.5
5.		Politics S4	T. Y. B. A.	3.8
5.		भारतातील राज्यांचे राजकारण	M. A I	3.8
		Political Participation	M. A II	3.7
		Sanskrit Term - I	-	
		ÔãâÔ‡ãŠð¦ã	F. Y. B. A. 'A'	4.0
1.	Dr R. R. Kapare	ÔãâÔ‡ãŠð¦ã (Sp)	S. Y. B. A.	3.8
		आत्मनात्मविवेक	T. Y. B. A.	3.6
		ÔãâÔ‡ãŠð¦ã (Sp)	S. Y. B. A.	3.7
2.	Dr A. A. Mandlik	वेणीसंहार	T. Y. B. A.	3.4
		लघुसिद्धांतकौमुदी	T. Y. B. A.	3.4
3.		ÔãâÔ‡ãŠð¦ã	F. Y. B. Com. 'A'	3.4

	Mr S. N. Bangar	ÔãâÔ‡ãŠð¦ã	F. Y. B. Com. 'B'	3.5
4.	Ms A. R. Dighe	ÔãâÔ‡ãŠð¦ã	F. Y. B. Com. 'C'	3.3
4.	0	तर्कसंग्रह	T. Y. B. A.	2.4
		ÔãâÔ‡ãŠð¦ã (Gen.)	S. Y. B. A.	3.6
5.	Mr Vijay Bhor	भामिनिविलास	T. Y. B. A.	3.8
		वैदिक वङ्गमयाचा	T. Y. B. A.	3.7
		Sanskrit Term - II		
		Sanskrit	F. Y. B. A. 'A'	3.7
		Sanskrit – Spl.	S. Y. B. A.	3.8
1.	Dr A. A. Mandlik	Sanskrit – Gen.	T. Y. B. A.	3.0
		लघुसिद्धांतकौमुदी	T. Y. B. A.	3.7
		वेणीसंग्रहम्	T. Y. B. A.	3.6
		Sanskrit	F. Y. B. Com. 'A'	3.3
2.	Mr S. N. Bangar	Sanskrit	F. Y. B. Com. 'B'	3.4
2.		Sanskrit	F. Y. B. Com. 'C'	3.3
		आत्म्रात्मविवेक	T. Y. B. A.	2.8
		Sanskrit	F. Y. B. A. 'A'	3.7
		Sanskrit	S. Y. B. A.	3.7
3.	Mr V. Bhor	Sanskrit – Gen.	T. Y. B. A.	3.8
		वैदिकवङ्गमयाचा इतिहास	T. Y. B. A.	3.7
		भामिनीविलास	T. Y. B. A.	3.8
4.	Ms A. R. Dighe	तर्कसंग्रह	T. Y. B. A.	2.4

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		Yoga Term - I		
		Yoga	F. Y. B. A.	3.6
1.	Dr R. R. Waman	Yoga (Gen.)	S. Y. B. A.	3.7
		Yoga (Gen 3.)	T. Y. B. A.	3.3
		Yoga Term - II	[	
		Yoga	F. Y. B. A. 'A'	3.6
1.	Dr R. R. Waman	Yoga	S. Y. B. A.	3.7
		Yoga	T. Y. B. A. 'A'	3.4
		Philosophy Term	- I	
1.	Dr S. O. Hemade	Philosophy	F. Y. B. A.	2.6
		Philosophy Term	- II	
1.	Dr S. O. Hemade	Philosophy	F. Y. B. A. 'A'	2.6
		Zoology Term -	I	
1.	Dr V. V. Bhavare	Animal sys & Diversity	T. Y. B. Sc.	3.7
•		Animal sys & Diversity	S. Y. B. Sc. 'B'	3.7
2.	Mr S. A. Pingle	Cell Biology	T. Y. B. Sc.	3.6
3.	Dr S. S. Borgave	Mammalian Histology	T. Y. B. Sc.	3.0
		Zoology – I	F. Y. B. Sc. 'B'	3.7
4.	Dr R. V. Bhagde	Zoology – II	S. Y. B. Sc. 'B'	3.7
		Paracitology	T. Y. B. Sc.	3.3
5.	Ms Sonali Pawase	Zoology – II	F. Y. B. Sc. 'B'	3.7

		Biochemistry	T. Y. B. Sc.	2.6
6.	Mr Bhushan Unde	Environmental Biology & Toxicology	T. Y. B. Sc.	3.7
		Biochemistry	M. Sc I	3.5
7.	Ms P. S. Rupawate	Biostatistics	M. Sc I	3.5
		Research Methodology	M. Sc II	3.6
		Cell Biology	M. Sc I	3.5
8.	Ms Varsha Pawar	Environmental Biology	M. Sc II	2.9
		Insect physiology & Biochemistry	M. Sc II	3.0
		Freshwater Zoology	M. Sc I	3.0
9.	Ms K. H. Naikwadi	Paracitology	M. Sc II	2.0
		Insect Ecology	M. Sc II	2.0
10	M. D. 4. Ville	Genetics	M. Sc I	1.9
10.	Ms Rutu Vikhe	Entomology-I	M. Sc II	1.5
		Zoology Term - II		i
1.	Dr V. V. Bhavare	Biological Technique	T. Y. B. Sc.	3.6
2	Mu S. A. Dingle	Zoology – I	S. Y. B. Sc. 'B'	3.7
2.	Mr S. A. Pingle	Mammalian Physiology	T. Y. B. Sc.	3.4
3.	Dr S. S. Borgave	General Embryology	T. Y. B. Sc.	3.0
		Zoology – I	F. Y. B. Sc. 'B'	3.7
4.	Dr R. V. Bhagde	Zoology - II	S. Y. B. Sc. 'B'	3.6
		Public Health and Hygiene	T. Y. B. Sc.	3.2

r				
_	Ms S. R. Pawase	Zoology - II	F. Y. B. Sc. 'B'	3.6
5.	Ms S. K. Pawase	Genetics & Molecular Biology	T. Y. B. Sc.	2.3
6.	Mr B.T. Unde	Organic Evolution	T. Y. B. Sc.	3.5
		Molecular Biology	M. Sc I	3.5
7.	Ms P. R. Rupawate	Biochemistry - II	M. Sc I	3.5
		Developmental Biology	M. Sc I	3.6
		Ichthyology	M. Sc I	2.5
0	Ma IZ H Nationadi	Developmental Biology	M. Sc I	2.4
8.	Ms K. H. Naikwadi	Entomology	M. Sc II	2.0
		Pest Control	M. Sc II	2.0
	MAND	Endocrinology	M. Sc I	2.7
0		Developmental Biology	M. Sc I	2.8
9.	Ms V. R. Pawar	MRP	M. Sc II	2.8
		Economic Zoology	M. Sc II	2.8
		Comparative Animal Physiology	M. Sc I	1.5
10.	Ms R. J. Vikhe	Pollution Biology	M. Sc II	1.8
		Apiculture	M. Sc II	1.8
		BBA Term – I		
1	Ma C V V-1	Business Economics	F. Y. B. B. A.	3.4
1.	Ms S. V. Kulkarni	H. R. M	S. Y. B. B. A.	3.1
2.	Mr R. B. Kale	Business Organizational System	F. Y. B. B. A.	3.7

		Business Economics	S. Y. B. B. A.	3.2
		I. T. in Management	S. Y. B. B. A.	3.3
		Personality Development	S. Y. B. B. A.	3.3
3.	Mr V. S. Thorat	Business Ethics	S. Y. B. B. A.	3.3
		Business Maths	F. Y. B. B. A.	3.7
		Business A/C	F. Y. B. B. A.	3.7
4.	Mr R. J. Malani	Cost Accounting	F. Y. B. B. A.	3.7
		Business Statistics	F. Y. B. B. A.	3.8
		Management Accounting	S. Y. B. B. A.	3.4
		BBA Term – II		
		Business Informatics	F. Y. B. B. A.	3.6
1.	Mr R. B. Kale	Principle of Finance	F. Y. B. B. A.	3.7
		M. I. S.	S. Y. B. B. A.	3.4
		Business Communication	F. Y. B. B. A.	3.7
		Business Demography	F. Y. B. B. A.	3.7
2.	Mr V. S. Thorat	Principle of Marketing	F. Y. B. B. A.	3.7
		Production & Operation Management	S. Y. B. B. A.	3.3
		Business Expo	S. Y. B. B. A.	3.4
3.	Mr R. J. Malani	IRLL	S. Y. B. B. A.	3.1
2.		Business Tax	S. Y. B. B. A.	3.2
4.	Ms S. U. Kadlag	Principle of Management	F. Y. B. B. A.	3.5

		International Business	S. Y. B. B. A.	3.0
		BCA Term – I		
		C Programming	F. Y. B. C. A.	3.7
1.	Ms B. S. Maniyar	C++	S. Y. B. C. A.	3.6
		Advanced Web Technology	T. Y. B. C. A.	3.3
		Database Management System	F. Y. B. C. A.	3.4
2.	Mr T. T. Khemnar	Computer Networking	S. Y. B. C. A.	3.6
		Software Testing	T. Y. B. C. A.	3.1
		Visual Basic	S. Y. B. C. A.	3.5
3.	Ms A. H. Aswale	ERP	S. Y. B. C. A.	3.5
		Advanced Java	T. Y. B. C. A.	2.9
4	Ms A. S. Jangam	Elements of Statistics	F. Y. B. C. A.	3.9
4.		Recent Trends in IT	T. Y. B. C. A.	3.0
5.	Mr R. B. Kale	E- Commerce	F. Y. B. C. A.	3.9
6.	Ms S. U. Kadlag	Organizational Behaviour	F. Y. B. C. A.	3.7
		BCA Term – II		<b>i</b>
		Data Structure Using C	S. Y. B. C. A.	2.9
1.	Ms B. S. Maniyar	Business Maths	S. Y. B. C. A.	3.0
		Web Technology	T. Y. B. C. A.	3.2
2.	Mr T. T. Khemnar	Programming Principles and Algorithms	F. Y. B. C. A.	3.6
4.		Software Engineering	S. Y. B. C. A.	3.6

		OOSE	T. Y. B. C. A.	3.2
		Modern Operation Environment & MS Office	F. Y. B. C. A.	3.4
3.	Ms A. H. Aswale	RDBMS	S. Y. B. C. A.	3.4
		Dot Net Framework	T. Y. B. C. A.	3.3
	Ma A S Jongom	Operating System	S. Y. B. C. A.	3.2
4.	Ms A. S. Jangam	Core JAVA	T. Y. B. C. A.	3.4         3.4         3.3         3.2         3.3         3.4         3.3         3.4         3.7         3.6         3.5         2.9         3.5         3.6         2.9         3.5         3.6         2.9         3.5         3.6         2.9         3.5         3.6         2.9         3.5
5.	Ms S. V. Kulkarni	Principle of Management	F. Y. B. C. A.	3.4
6.	Mr R. B. Kale	Business Communication	F. Y. B. C. A.	3.7
7.	Mr R. J. Malani	Financial Accounting	F. Y. B. C. A.	3.6
8.	Ms S. U. Kadlag	HRM	S. Y. B. C. A.	3.5
	Com	puter Science (UG & PG) & M	ICA Term - I	
1	Mr S. Y. Pansare	Algebra & Calculus	F. Y. B. C. S.	2.0
1.		Mathematics - I	S. Y. B. C. S.	2.9
2.	Ms D. P. Gite	Problem Solving C Programming	F. Y. B. C. S.	2.9
2	Mu C. C. Dahati	Principles of Analog Electronics	F. Y. B. C. S.	3.5
3.	Mr S. S. Baheti	Electronics - I	S. Y. B. C. S.	3.6
A		Mathematics - I	F. Y. B. C. S.	2.8
4.	Ms M. A. Jagdale	Mathematics - II	S. Y. B. C. S.	2.9
-	MADE	Mathematics - Practical	F. Y. B. C. S.	3.3
5.	Mr A. D. Pansare	Statistical Methods - I	F. Y. B. C. S.	3.2

6.	Ms P. S. Khandagale	File organisation & Fundamental	F. Y. B. C. S.	2.8
7.	Mr S. A. Pawar	Principle of Digital analog Electronics	F. Y. B. C. S.	3.5
8.	Ms A. A. Pawase	Statistical Methods - II	F. Y. B. C. S.	3.0
9.	Ms R. S. Khambekar	Data Structure	S. Y. B. C. S.	2.7
10.	Ms P. R. Ugale	Relational Database Management System	S. Y. B. C. S.	2.4
11.	Mr S. C. Bhusal	Electronic – II	S. Y. B. C. S.	3.5
12.	Ms S. B. Thorat	System Programming	T. Y. B. C. S.	3.7
13.	Mr S. N. Kawade	Theoretical Computer Science	T. Y. B. C. S.	3.7
14.	Ms R. I. Sharma	Computer Network – I	T. Y. B. C. S.	3.5
15.	Ms M. S. Doibale	Internet Programming – I	T. Y. B. C. S.	3.9
16.	Ms H. V. Talnikar	Programming in JAVA – I	T. Y. B. C. S.	3.6
17.	Mr M. S. Gaikwad	OOSE	T. Y. B. C. S.	3.8
18.	Mr S. N. Kawade	DDA	M. C. A II	3.2
		Lab Course	M. C. A II	2.8
19.	Mr D. S. Pachpind	Project	M. C. A II	2.8
17.		Dot NET	M. C. A II	3.0
		Core JAVA	M. C. A II	3.0

20.	Ms S. O. Panchariya	Operating System	M. C. A II	3.3
21.	Ms R. I. Sharma	Software Engineering	M. C. A II	3.1
22.	Ms D. P. Gite	PPL	M. C. S I	3.3
23.	Ms S. B. Thorat	Adv. Networking	M. C. S I	3.0
24.	Ms H. V. Talnikar	DDA	M. C. S I	3.1
25.	Ms R. S. Khambekar	NP	M. C. S I	3.3
26.	Ms P. R. Ugale	DDC	M. C. S I	2.8
	Comj	puter Science (UG & PG) & M	CA Term - II	
1.	Mr S. Y. Pansare	Mathematics - I	S. Y. B. C. S.	3.1
2.	Mr S. C. Bhusal	Electronics - II	S. Y. B. C. S.	3.7
3.	Mr S. S. Baheti	Electronics - II	S. Y. B. C. S.	3.4
4.	Ms M. A. Jagdale	Mathematics - II	S. Y. B. C. S.	3.2
5.	Ms R. S.	C++	S. Y. B. C. S.	3.0
5.	Khambekar	Adv. OS- CS -202	M. C. S I	3.4
6.	Ms P. R. Ugale	Computer Science - II	S. Y. B. C. S.	2.4
7.	Ms S. B. Thorat	Operating System	T. Y. B. C. S.	3.3
/.	IVIS <b>5. D. 1 ПОГА</b> І	Digital Image Processing	M. C. S I	3.0
8.	Mr S. N. Kawade	Compiler Construction	T. Y. B. C. S.	3.4

9.	Ms R. I. Sharma	Computer Network – II	T. Y. B. C. S.	3.1
10		Programming in PHP	T. Y. B. C. S.	3.4
10.	Ms M. S. Doibale	AI – CS-206	M. C. S I	3.2
		JAVA	T. Y. B. C. S.	3.2
11.	Ms H. V. Talnikar	DMW	M. C. S I	3.2
12.	Mr M. S. Gaikwad	Computer Graphics	T. Y. B. C. S.	3.1
		Project	M. C. S I	3.3
13.	Ms D. P. Gite	Dot Net CS - 205	M. C. S I	3.3
14.	Mr S. N. Kawade	CG	M. C. A II	3.0
	Mr D. S. Pachpind	SDK	M. C. A II	2.9
		Advanced JAVA	M. C. A II	3.0
15.		OOSE	M. C. A II	2.9
		Lab Course	M. C. A II	2.8
16.	Ms S. O. Panchariya	Project	M. C. A II	2.9
	B. Voc. – Softwar	re Development (Diploma o	& Advance Diploma) Ter	m - I
1.	Mr S. S. Baheti	Computer Fundamental - I	F. Y. B. Voc. (SD)	3.5
		HTML & CSS3-I	F. Y. B. Voc. (SD)	3.5
2.	Mr D. S. Borhade	DBMS - I	F. Y. B. Voc. (SD)	3.4
		RDBMS	T. Y. B. Voc. (SD)	3.4

		DOT I		2 -
3.	Mr A. A. Sayyad	PST - I	F. Y. B. Voc. (SD)	3.7
		CPP - I	S. Y. B. Voc. (SD)	3.7
		Mobile Computing	T. Y. B. Voc. (SD)	3.7
4.	Ms P. C. Satpute	C Programming	F. Y. B. Voc. (SD)	3.1
		Networking - I	S. Y. B. Voc. (SD)	3.3
		Core Java	T. Y. B. Voc. (SD)	3.4
5.	Mr H. G. Pawar	English & Communication - I	F. Y. B. Voc. (SD)	3.5
6.	Mr D. S. Pachpind	OOSE	T. Y. B. Voc. (SD)	2.9
7.	Ms S. O. Panchariya	Operating System	S. Y. B. Voc. (SD)	2.9
8.	Ms S. B. Thorat	Introduction of C++.NET	S. Y. B. Voc. (SD)	3.3
9.	Ms R. I. Sharma	Software Engineering	S. Y. B. Voc. (SD)	3.0
10.	Ms P. R. Ugale	PHP - I	S. Y. B. Voc. (SD)	2.9
11.	Ms P. S. Khandagle	ASP .NET	T. Y. B. Voc. (SD)	3.1
12.	Mr V. P. Maid	Web Development Using CMS	T. Y. B. Voc. (SD)	3.4
	B. Voc. – Softwar	re Development (Diploma &	Advance Diploma) Tern	1 - I
	Mr D. S. Borhade	HTML & CSS3-II	F. Y. B. Voc. (SD)	3.5
1.		DBMS - II	F. Y. B. Voc. (SD)	3.5
		Multimedia	T. Y. B. Voc. (SD)	3.2
2.	Mr A. A. Sayyad	Computer Fundamental	F. Y. B. Voc. (SD)	3.7
		CPP - II	S. Y. B. Voc. (SD)	3.8
		Advance Java	T. Y. B. Voc. (SD)	3.7

3.		PST - II	F. Y. B. Voc. (SD)	3.2	
	Ms P. C. Satpute	C Programming -II	F. Y. B. Voc. (SD)	3.1	
		Networking -II	S. Y. B. Voc. (SD)	3.5	
4.	Mr H. G. Pawar	English & Communication - II	F. Y. B. Voc. (SD)	3.7	
5.	Ms S. O. Panchariya	Operating System - II	S. Y. B. Voc. (SD)	3.0	
6.	Ms R. I. Sharma	Software Engineering - II	S. Y. B. Voc. (SD)	3.2	
7.	Ms P. R. Ugale	PHP - II	S. Y. B. Voc. (SD)	2.9	
8.	Ms P. S. Khandagle	Introduction of C#NET	S. Y. B. Voc. (SD)	2.9	
9.	Mr D. S. Pachpind	Ir D. S. PachpindMobile Programming Using Android		2.9	
10.	Mr M. S. Gaikwad	Computer Graphic	T. Y. B. Voc. (SD)	3.2	
11.	Mr Y. P. Maid	Software Testing	T. Y. B. Voc. (SD)	3.5	
		Web Development Using CMS - II	T. Y. B. Voc. (SD)	3.4	

# **Annexure III- Best Practices**

#### 1. Student Research Project Scheme

**Title of the Practice:** Student Research Project Scheme **Goal:** 

- To expose maximum number of students to research as a prospective career choice.
- To develop their logical reasoning ability under the able guidance of teachers.
- To inculcate research culture among students.
- To provide an opportunity for expression of academic talent & Hands on Training to the students.
- To increase the number of innovative ideas that will stand in the Avishkar Competition.

#### The Context:

Shikshan Prasarak Sanstha has always been instrumental in elevating students' exposure to various career boosting activities in terms of arranging guest lectures of eminent scientists from some of the best laboratories across India and so on. In accord with this tradition, Dr. Sanjay Malpani, the enthusiastic Chairman of Shikshan Prasarak Sanstha put forth a novel idea of faculty-wise competition of research projects of students. The scheme was named as "Principal M.V. Kaundinya Student Research Project Scheme" in the memory of Founder Principal of the college. After exhaustive discussions with the staff, Dr. Sanjay Malpani framed the outline of the student research project scheme for both undergraduate and postgraduate levels in the form of competition and evaluation of these projects at multiple levels. The basic idea of the scheme is to expose maximum number of students to research as a prospective career choice and develop their logical reasoning ability under the able guidance of teachers. Every teacher is supposed to take care of and guide a defined number of research projects every year. Usually in the month of December-January, the first departmental level screening round of the projects is scheduled to select the best projects from each department. These selected projects would be evaluated by external agencies to identify the faculty-wise best projects from both undergraduate and post-graduate categories. The faculty-wise best projects would be awarded with ₹ 3000/- and gold medal (first ranker), ₹ 2000/- and silver medal (second ranker), ₹ 1000/- and bronze medal (third ranker) and two consolation prizes. The efforts of all the participating students are appreciated with certificates. Department-wise contribution of the teachers is also taken into the consideration and the maximally participating departments are awarded with cash prizes and mementos.

#### **The Practice**

A notice is conveyed to all the students for participation in SRS; along with a detailed schedule at the beginning of the year. A departmental screening round is arranged to scrutinize the projects at the department level. The shortlisted students are called for second last presentations.

The students that qualify through the second last round have to present the projects in final round. As per the pre-defined criterion and number of prizes, winners are declared after the final round. Separate prizes are given for UG and PG category. Usually, 1<sup>st</sup> three students at faculty level, are given a cash prize, medal, a book and certificate. Others, at departmental level, are awarded with an appreciation certificate.

The faculty-wise best projects are awarded with  $\gtrless$  3000/- and gold medal (first ranker),  $\gtrless$  2000/- and silver medal (second ranker),  $\gtrless$  1000/- and bronze medal (third ranker) and two consolation prizes.

Department-wise contribution of the teachers is also taken into the consideration and the maximally participating departments are awarded with cash prizes and mementos. All the students are given participation certificates. The guide-teachers are felicitated with an appreciation certificate.

#### **Evidence of Success**

The college research committee co-ordinators Dr. D. M. Gujarathi (Commerce faculty), Dr. U.S. Jagdale (Arts and Mental Moral faculties), Dr. S. S. Borgave (Science faculty) and the members of the committee shouldered the responsibility of successful implementation of the scheme (2012 to 2014) under the leadership of Principal Dr. K. K. Deshmukh. This scheme facilitated hands-on training of a large number of students and gave them the glimpses of formulating a precise research question and resolving the query with the use of appropriate methodology. In all, 287 projects from all the four faculties were evaluated in the year 2012-13 and 195 projects in the year 2013-14, 175 projects in the year 2014-15, 245 projects in 2015-16 and 250 projects in 2016-17

Table-7.7: Details of Projects under Student Research Project Scheme						
Year	No. of F	No. of Research Projects Faculty wise under 'Student Research				
	Project Scheme'					
	Arts	Mental, Moral &	Commerce	Science		
		Social Science				
2012-13(UG & PG)	70	22	45	150	287	
2013-14(UG & PG)	35	30	20	110	195	
2014-15(UG & PG)	36	14	25	100	175	
2015-16(UG & PG)	52	15	43	135	245	
2016-17(UG & PG)	39	12	35	123	250	
Total	232	93	168	618	1152	

#### 1. Increased participation in Avishkar Competition:

Due to the constant encouragement through Student Research Project Scheme, the number of entries for State Level Inter-University Research Competition namely **Avishkar** has been increased. The college made record by winning Prizes at State Level also.

Table-7.8: Details of Projects under Avishkar Competition						
Year	Number of projects under the 'Avishkar'					
	College Level	Zonal Level	University Level	State Level	Winner at State	
					Level	
2010-11	14	12	10	2	Nil	
2011-12	19	15	4	1	Nil	
2012-13	17	17	6	2	1	
2013-14	31	18	8	1	Nil	
2014-15	25	25	9	2	1	
2015-16	36	27	12	-	-	
2016-17	22	22	05	2	-	

#### 2. Student Research Projects for supporting institutional management:

The outcomes of student research projects have contributed to of institutional management. The projects have contributed to following support facilities for management:

i. Survey Report on data with regards to rainfall, roof area of buildings in the campus and scope for rain water harvesting (Student Research Project by Department of Geography)

- ii. Survey report for Plant diversity of the campus for Green Audit (Student Research Projects by Department of Botany)
- iii. Applications based on .NET (Student Research Projects by Department of Computer Science) for
  - a) Auditorium availability and booking Management System
  - b) Teacher Profile Management System
  - c) Result Analysis
  - d) Leave Management System

#### 3. Research Output:

Some of the Projects have been published as Research Articles and some were presented in National Conference as a Research Paper under the guidance of concerned Guide Teacher. Refer Annexure 7 B

The college has published the findings of Student Research Project Scheme from department of Physics in the form of book "Resonance" (ISBN-13/978-1489518507, ISBN-10/1489518509). This book having 23 research papers has been published by Create Space-amazon.com, USA.

#### **Problems Encountered**

- Championing students and Staff.
- Conduct of scheme along with regular teaching schedule.
- Overlap with the university examination schedule.

#### **Resources Required-**

- Team of Guide Teachers
- Well-equipped Laboratories along with chemicals and glassware
- ICT facility at Library
- Auditorium
- Prizes, Award & Certificate
- Judges

#### Contact person for further details:

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### 2. Wildlife Conservation and Protection

#### **Title of the Practice**

Wildlife Conservation and Protection with respect to Snakes (Ref. NAAC Publication 'Best Practices in Community Engagement', July 2006 pp 46-50)

#### Goal

- To create awareness about snakes in community at large.
- To inculcate the scientific knowledge among rural and tribal youth about snakes.
- To provide scientific knowledge, identification, rescuing and conservation of snakes.
- To provide appropriate knowledge about snakes for proper identification of snakes in snakebite cases to medical practitioners.
- To arrange training programmes for college students from rural & tribal areas and also to deliver lectures & demonstrations in villages, educational institute, medical practitioners.

#### The Context

It is true that every year, many deaths occur due to accidental snakebites, especially in rural and tribal areas in the country. At the same time, it is also true that only very feeble attempt has been made in creating awareness about snakes. An educational institution can play a key role in this context. The success of the college in this regard during the last 15 years is its testimony. It is a fact that about 90% snake species occurring in human settlements are non-venomous, but due to lack of knowledge, proper identification of snakes, and inadequate medical treatment facilities in that area, people suffer and most of the times, the deaths are due to superstitions about snakes and non-scientific treatment procedures.

It is possible for any educational institution to play a key role in educating community and solving such problems. The scientific knowledge can be provided to the rural and tribal youth through training programs. The youth can be engaged to rescue snakes in their areas, to give proper information about the snakes in the area, and to help community for proper medical treatment in fatal snake bite cases. For this, the help of medical practitioners and forest department can be taken. Medical practitioners could be encouraged for medical treatment of snake bite patients. Considering all these facts, in our college, the program is run to engage the community (teachers, students, medical practitioners and villagers). The college has conducted extensive training programs in conservation and protection of snakes. This is the unique fruitful socially oriented activity in which the college has direct influence with wild life & community at large.

### **The Practice**

• *Survey* -A broad survey of snakes was conducted by frequent visits in study area (villages, forest areas of Sangamner and Akole Tahsil). Different types of snake species were collected, reared and properly identified, and classified as common, rare and endangered species, and also as non-venomous and venomous snakes. In Sangamner and Akole Tahsil, 26 snake species were identified (20 non-venomous and 6 venomous). Slides, video clippings, PowerPoint presentations, photographs and colored charts were prepared showing all types of snakes, symptoms of poisonous snakes, primary treatment in snake bites, superstitions about snakes.

### • Training-

*A) Students Training*– College has conducted several training programs in last 15 years. The details of training programs in the last 5 years are as follows:

#### Table 7.8 Details of Snake Training Programme

Academic Year	No. of students trained		Total no. of students	Amount of grant	Funding
Academic Year	Girls	Boys	trained	sanctioned	Agency
2010-11	14	40	54	11,455/-	S. P. Sanstha
2011-12	15	34	49	9,895/-	S. P. Sanstha
2013-14	18	52	70	50,000/-	SPPU
2014-15	21	44	65	35,000/-	SPPU

Students belonging to rural and tribal areas were selected through interviews. A two to four days fulltime training was given to all the participants. In this program identification, the habit, and behavior of snakes were emphasized. The skills like handling, catching, rescuing of snakes were taught using live snake specimen. The lectures of medical practitioners were arranged with respect to poisonous snake bite treatment procedures, care to be taken, limitations, medicines used in snake bite treatment and so on. The lectures of forest department authorities were arranged with respect to Wild Life Conservation and Protection Act and the role of community in conservation and protection.

#### B) Training of Medical Practitioners and Teachers –

Lectures on snakes were delivered in the meets of above communities. For this, the help of Taluka Medical Associations and Education officers of Panchayat Samitee was taken.

#### C) Interaction with Community at large-

Taking the help of trained college students, Sarpanch and N.G.O.s, more than 60 lectures and demonstrations were arranged in the villages and hamlets (Wadis) during last 5 years. The sets of colored charts were supplied to hospitals where snake bite treatment is available.

### **Evidence of Success**

Through this program, following achievements were made-

- In study area, broad survey of snakes was conducted which helped in the study of **biodiversity**.
- The awareness among participants was created by giving thorough training related to protection and conservation of snakes. The skills developed helped the students to rescue the snakes and to save them.
- The superstitions about snakes were eradicated from all sections of community engaged in this program.
- The medical practitioners got the idea of proper treatments in fatal snake bite cases. Private medical practitioners can treat such fatal cases which was not possible before because of ignorance and inadequate medical facilities. **The mortality rate due to snake bite in the study area is reduced.** The villagers and tribals are able to identify snakes. Education in this regard helped them to save the life of snakes and human beings also.
- The private medical practitioners have shown their keen interest in this program. Hence, in snake bite cases, more facilities are available for people. Now there are 15 private hospitals in Sangamner and 2 private hospitals in Akole Tehsil where snake bite treatment facilities are now available. This is the great achievement. The assistance is provided by the college and trained students to the Medical Practitioners with respect to identification of snakes.
- The model teaching and learning package is ready and can be given to other higher educational institutions.

- The most important achievement of this program is that teachers, students, medical practitioners and community at large are **aware of importance of conservation and protection of wild life**. This may not have been possible by including it in conventional curriculum.
- The lifesaving drug for poisonous snake bite treatment (ASV) is readily available in most of medical stores. Also the people are eager to help needy patients with respect to financial and medical help.

#### **Problems Encountered**

- Initial apprehension on the part of all involved in dealing with snakes was an obstacle to some extent, but was soon overcome when they realized the facts about snakes.
- Amongst the trained youth especially the girls show lesser interest in continuing the activity due to family pressures.

### **Resources Required**

- Teachers- Teachers of any faculty can act as resource persons by taking a short-term training.
- Medical practitioners Registered medical practitioners from the area.
- Resource persons from Forest department.

### Contact person for further details:

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