

**Kisan Vidya Prasarak Sanstha's**  
**Kisan Arts Commerce and Science College, Parola**  
**Tal-Parola, Dist.-Jalgaon, 425111**



## **SELF STUDY REPORT (SSR)**

*In respect of*  
**Re-Accreditation**  
*(Second Cycle)*

*Submitted To*  
**NATIONAL ASSESSMENT AND ACCREDITATION**  
**COUNCIL (NAAC)**

**Bangalore -560072**

**January 2016**

**To,  
The Director,  
National Assessment and Accreditation Council (NAAC),  
Post Box No. 1075  
Nangarbhavi,  
Bangalore – 560 072**

**Sub.:** Submission of Self Study Report for Re-Accreditation (Cycle-II)      Track ID:  
MHCOGN 11594  
**Ref.:** NAAC/WR/GH/MHCOGN11594/cycle-II/2015-16 dated 10<sup>th</sup> Sept. 2015

Respected Sir,

It's a matter of great pride and privilege for me to submit this Self Study Report for Re-Accreditation (Cycle-II) of our Institution. I assure you that, the SSR is prepared as per the guidelines given by the NAAC. Our honest efforts result in preparing the SSR. We tried to define and minimize the weaknesses and working in the direction to strengthen the Institution's performance, to achieve our goals and objectives.

With a great honor and pleasure, I am submitting herewith five hard copies and soft copy (CD) of SSR of our Institution for your kind perusal. You are requested to accept it kindly. Please do the needful and highly oblige.

Thanking you.

With regards

Yours sincerely,

Dr. Y. V. Patil

**Encls.:**

1. Five copies of SSR with CD
2. Permanent Affiliation Letter from Affiliating University
3. 2 (f) and 12 (B) letters from U. G. C.

## ***PREFACE***

With a great pride, we are presenting the **RE-ACCREDITATION REPORT (SSR for Cycle 2)** of our institution to **National Assessment and Accreditation Council (NAAC)**, Bangalore. First accreditation of our college secured ‘C’ grade and helped us in defining the quality measures in higher education. We, therefore, committed to enhance and sustain the quality there after. Till date, our faculties devote in quality measures.

For systematic enhancement and sustenance of the quality in our education, we established the Internal Quality Assurance Cell (IQAC) which implemented diversified activities to address the various quality related issues during the post accreditation years. The institution gone through multidimensional activities to enhances and enriches our academic practices.

The institution complied with almost every recommendation made by Peer Team at the time of first accreditation. The efforts are due to reach the world of excellence by inspiring our students, improving our qualities, adopting innovative ideas, implementing new advanced technologies, with better understanding of our strengths and weaknesses. Integrated efforts with positive approach in curricular, co-curricular and extracurricular activities will lead us towards our destination.

This SSR is the synergic outcome of all the organs of our institute. It is rather difficult to quote the contribution of each and every organ of our institution. We appreciate the efforts put in by the members of the staff for this collaborative and collective venture with an open heart. We hope and believe that the NAAC will also appraise and justify our sincere endeavor.

**Dr. G. H. Sonawane**  
**Coordinator**  
**Steering Committee, NAAC**

**Dr. Y. V. Patil**  
**Principal**

## **VISION**

*To impart quality higher education and inculcate social and ethical values among rural students to make them good, self-reliant and capable Citizens of India.*

## **MISSION**

*To achieve an all-round development of the students, we aim at encouraging creativity, self-employment, social service, aesthetic sense, conscientiousness along with the need of environment, sports and cultural proficiency and ideal citizenship so as to enable them to preserve the healthy democracy in the country.*

## **GOAL AND OBJECTIVES**

The Institution is committed for:

- To help students to develop in-depth knowledge in selected area of study.
- To open the students to the social realities with a view to make him/her a responsible citizen.
- To ensure and inculcate perfect discipline in terms of regularity, sincerity and punctuality amongst the students so that they contribute to the society and nation as most responsible and respectable citizens.
- To provide a platform to the students, by giving them an opportunity to face all the challenges of the competitive world, with utmost utilization of their potential in sports, athletics and other events



## Content page

Sr. No.	Particulars	Page No
1	Preface	i-ii
2	Content page	iii
3	Executive Summary: The SWOC analysis of the Institution	iv-vi
4	Profile of The Affiliated College	1-9
5	Criterion I: Curricular Aspects	10-24
6	Criterion II: Teaching-Learning And Evaluation	25-46
7	Criterion III: Research, Consultancy And Extension	47-74
8	Criterion IV: Infrastructure And Learning Resources	75-86
9	Criterion V Student Support And Progression	87-102
10	Criterion VI: Governance, Leadership And Management	103-123
11	Criterion VII: Innovations And Best Practices	124-131
12	Departmental Profile	
	Chemistry	132-141
	Physics	142-147
	Botany	148-153
	Zoology	154-159
	Mathematics	160-164
	Computer Science	165-168
	Marathi	169-175
	Hindi	176-181
	English	182-188
	Geography	189-196
	History	197-202
	Political Science	203-207
	Economics	208-215
	Commerce and Managements	216-221
	B.Voc. Software Development	222-228
	B.Voc. Soil and Water conservation	229-233

## Executive Summary

Kisan Arts, Commerce and Science College, Parola is run by Kisan Vidya Prasark Sanstha. The president of the Sanstha is Hon'ble Annasaheb Dr. Satish B. Patil (MLA, Former Minister of State, Government of Maharashtra) the renowned educationalist in the North Maharashtra. The directors and office bearers of the sanstha are highly qualified and with educationist view. The motto of the College is **“TEJO ASI TE AJO ME DEHI”** meant God please give me a light to shine and strength for good. This can be achieved by imparting value based education to the students.

Parola is a Tehsil place in the Jalgaon district, a rural place situated 55 kms away from Jalgaon. The Parola town takes pride in its rich history and heritage of having underground fort named as *Bhuikot Killa* (Land Laying Fort), as well as the inspirational memory of Rani Laxmibai, the queen of Jhansi. It also takes pride of having the holy places nearby for Lord Balaji as a Prati Tirupati, Tapovan, Shivdham, Nageshwar, etc.

Most of the people from this place belong to farming and farm working families. Most of the students are the first generation from their families, who avail the facility of higher education. The students from such poor families do not afford the higher education at district place. Keeping this view in mind, founder President Late Appsaheb Bhaskarrao Rajaram Patil (MLA), enlightened the lamp of education to serve the society by establishing Kisan Vidya Prasarak Santha (KVPS) and Kisan Junior College in 1976. KVP'S provided the facility of Higher Education by opening Kisan Arts and Commerce Senior College in 1977 and Science stream in June 1992, B.Voc in 2014, recognition of Geography research laboratory in 2010 and Chemistry in 2013. The institute is committed to provide the quality of Higher Education of all the section of Society at the very low cost.

The Institution enjoys the distinct position of being the first Arts, Commerce and Science College in Tehsil region. College give stress on special attention to bring rural students in the stream of higher education. College have been accredited and conferred with the 'C' grade in academic year 2004-2005 by NAAC. The college is permanently affiliated to the North Maharashtra University, Jalgaon and included by UGC into 2(f) and 12(B) act 1956.

The College offers U.G. programme in B.A., B. Com., B.Sc. and Skill based Programme B.Voc. In the B.A. programme English, Marathi, Hindi, History, Geography, Political Science and Economics are taught at Special level. In the Science programme Chemistry and Zoology are the special subject and Physics, Botany, Zoology, Mathematics, Geography, Computer science Marathi, English are taught as general subjects. Under the B. Voc. degree programme Software Development and Soil water Conservation are the special courses. The academic courses meet the demands of the students and prepare the students to contribute to nation building and to meet global challenges.

Admissions are granted on the come first serve first basis as per the University rules and reservation policy is strictly followed. The College maintains complete

transparency in the admission process and does not accept any donation. Institution has extension units NSS and NCC. The selection in NCC is based on Physical fitness test and in NSS is done by devotion and interest of the candidates in social welfare activities.

The college vibrant work culture and holistic approach to education is encouraged. Among the faculties 12 are Ph. D. and 12 are M. Phil. and others are engaged in doing research work. In addition to this 2 faculties are recognized research guides by North Maharashtra University, Jalgaon. The faculties adopt the regular lecture method, teaching-learning process is enriched through interactive sessions, projects, ICT enabled teaching, field visits and survey, etc. The staff members regularly update their knowledge and skills by attending workshops, seminars, conferences, refresher courses, orientation programmes, etc. The college has taken initiatives to promote research culture. The institution has established linkages with the other institutes and industry. The College also encourages non-teaching staff to update their knowledge by attending workshops, seminars, etc.

The students' progress is monitored through regular class tests, tutorials. Regular feedback about teaching-learning process is obtained for taking quality enhancement initiatives. The results stand testimony to the emphasis laid on effective teaching and learning processes. The College is grooming the students to be realistic and aware of their social responsibilities. The simultaneous development of the intellectual, physical, cultural and faculties of the students is achieved through various academic, co-curricular and extracurricular activities. The students participate enthusiastically and excel in sports and cultural activities. Extension activities are carried out through NCC, NSS, Student Welfare Department, Red Ribbon Club, Life Long Learning and Yuwati Sabha units of the college. The College has Placement and Career and Counselling Cell to make available the employment opportunities, Sports Department to develop the sports culture, Grievance Redressal Cell and Sexual Harassment Cell of the college ensure gender and social equity and provide help, support and guidance whenever required. The College runs Karmveer Bhaurao Patil Earn and Learn Scheme for the financially weaker students, to learn with pride and to inculcate the work culture among the students.

The institution attempts to develop graduates as well- balanced, ethical and socially responsible global contributors in Nation Building work force. An attempt is made to not only make these graduates constructively participate in the development of the institution, but also aid the continuity of the process.

The College aspires to be a nodal centre catering to diverse needs of society. The vision and mission statements and objectives of the college focus on achieving all round development of the students. All educational activities organized in the College are student centric. ***“Developing human values and pursuit responsible, secular, democratic, citizens of healthy minds / nature.”***

## SWOC Analysis of the Institution

### Strengths:

- Vibrant work culture and holistic approach.
- Dedicated, competent and qualified faculties.
- Skill based courses of B. Voc. Software Development and Soil water conservation.
- NCC, NSS and other extension activities.
- Carrier oriented course in Business Communication skill in English.
- Good Research culture.
- 37.5% faculties are Ph. D. and 37.5% M. Phil. and remaining are registered for Ph. D.
- 92 Research papers are published in last five years.
- 11 Minor research project are completed, 6 ongoing and 3 submitted.
- Well-equipped and furnished research laborites are available in the campus N-List facility.
- Two faculty members are Ph. D. guide.
- 12 research students are working for Ph. D. and 3 are completed their M. Phil. and 8 are Ph. D. Under the guidance of 2 faculties.
- Good academic results.
- Organizes workshop on techniques in preparation of NET/SET examination in chemistry since last 5 years.
- 12 Students have qualified NET/SET examination for JRF and lectureship
- 300 students selected for various defense forces such as Army, BSF, SRP, Police, CRPF etc.
- Two faculties are Member of Board of Studies and one is Member of Science Faculty of North Maharashtra University, Jalgaon.
- Computer Facility Centre with Broad band Facility.
- MOUs for Industry-Institute collaboration.
- Soil and water testing facility for farmers.

### Weaknesses:

- Lack of hostel facility and indoor sport hall.
- Proficiency in spoken English and computer literacy among the students due to rural background.
- Lack of additional UG courses.
- Lack of PG courses.
- Strengthening National and International linkages for faculties and students.

### Opportunities:

- To bring the rural students in the stream of higher education.
- To introduce new job oriented and professional courses.
- Addition of UG and PG courses.
- To develop industry linkage.

### Challenges:

- Global Competition.

- Privatization of Higher education.
- Government policies to fill up the teaching and non-teaching post
- Decline interest of students in Arts and commerce stream
- Since our college is in rural area, industrial collaborations are lacking.
- Paucity of non-salary grants and other funds, there is a constraint and challenges for expansion of infrastructure.

## PROFILE OF THE AFFILIATED COLLEGE

### 1. Name and Address of the College:

<b>Name:</b>	Kisan Vidya Prasarak Sanstha's, Kisan Arts, Commerce & Science College, Parola.		
<b>Address:</b>	Near NH-6		
<b>City:</b>	Parola	<b>Dist.</b> Jalgaon	<b>State:</b> Maharashtra <b>Pin:</b> 425111
<b>Website:</b>	<a href="http://www.kisanacscollegeparola.in">http://www.kisanacscollegeparola.in</a>		

### 2. For communication:

Designation	Name	Tele. with STD code	Mobile	Fax	Email
Principal	Dr. Y. V. Patil	02597-292441	09421535101	02597-293688	<a href="mailto:principalkc@rediffmail.com">principalkc@rediffmail.com</a>
Vice Principal	Dr. G. H. Sonawane	02597-292441	09422213977	02597-293688	<a href="mailto:drgunvantsonawane@gmail.com">drgunvantsonawane@gmail.com</a>
Steering Committee Coordinator	Dr. G. H. Sonawane	02597-292441	09422213977	02597-293688	<a href="mailto:drgunvantsonawane@gmail.com">drgunvantsonawane@gmail.com</a>

### 3. Status of the Institution:

Affiliated College

Constituent College

Any other (specify)

√

### 4. Type of Institution:

a. By Gender

i. For men

ii. For women

iii. Co-education

√

b. By shift

i. Regular

ii. Day

i. Evening

√

### 5. It is a recognized minority institution?

Yes

No

√

**6. Source of funding:**

Government

Grant-in-aid

Self finance

Any other

√

**7. a. Date of establishment of the college:**

1<sup>st</sup> July 1977

**b. University to which the college is affiliated**

North Maharashtra University, Jalgaon, Maharashtra

**c. Details of UGC recognition**

Under section	Date, Month & year	Remarks (if any)
2 (f)	5 <sup>th</sup> July 1984	---
12 (B)	14 <sup>th</sup> December 2004	---

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

**d. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.) :**

Nil

**8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?**

Yes ☐ No ☒

If yes, has the College applied for availing the autonomous status?

Yes ☐ No ☒

**9. Is the college recognized**

**a. by UGC as a College with Potential for Excellence (CPE)?**

Yes ☐ No ☒

If yes, date of recognition: ..... (dd/mm/yyyy)

**b. for its performance by any other governmental agency?**

Yes ☐ No ☒

If yes, Name of the agency ..... and

Date of recognition: ..... (dd/mm/yyyy)

**10. Location of the campus and area in sq.mts:**

Location*	<b>Rural</b>
Campus area in sq.mts.	<b>8741.21 sq.mts. (2 Acer 16 R)</b>
Built up area in sq. mts.	<b>4388.65 sq.mts.</b>

(\* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

**11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an agreement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.**

- ❖ Auditorium/seminar complex with infrastructural facilities : No
- ❖ Sports facilities
  - I. Play ground : Yes
  - II. Swimming pool : No
  - III. Gymnasium : Yes
- ❖ Hostel
  - Boys hostel : No
    - I. Number of hostels
    - II. Number of inmates
    - III. Facilities (mention available facilities)
  - Girls hostel : No
    - I. Number of hostels
    - II. Number of inmates
    - III. Facilities (mention available facilities)
  - Working women's hostel : No
    - I. Number of inmates
    - II. Facilities (mention available facilities)
  - Residential facilities for teaching and non-teaching staff ( give number of available card wise) No
  - Cafeteria : Yes
  - Health center : No
  - First aid, Inpatient, Outpatient, Emergency care facility, Ambulance Health centre staff – No
    - Qualified doctor Full time -- Part time --
    - Qualified doctor Full time -- Part time --
  - Facilities like banking, post office, book shops : No
  - Transport facilities to cater to the needs of students and staff : No
  - Animal house : No
  - Biological waste disposal : No
  - Generator or other facility for management/regulation of electricity and voltage: No
  - Solid waste management facility : Yes
  - Waste water management : Yes
  - Water harvesting : Yes



**12. Details of programmes offered by the college (Give data for current academic year)**

Programme Level	Name of the Programme /Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved/ Student strength		No. of students admitted
Under-Graduate	B.A.	3 years	XII passed	Marathi	F.Y.	600	459
					S.Y.	480	248
					T.Y.	360	158
	B.Com.	3 years	XII passed	English	F.Y.	120	46
					S.Y.	120	32
					T.Y.	120	10
	B.Sc.	3 years	XII Science passed	English	F.Y.	120	144
					S.Y.	120	143
					T.Y.	120	88
	B.Voc.	3 years	XII Science passed	English	F.Y.	100	100
					S.Y.	100	44
Post-Graduate	--	--	--	--	--	--	
Integrated Programmes PG	--	--	--	--	--	--	
Ph.D.	Geography	Min. 24 months	M.A./ M.Sc	English	8	4	
	Chemistry		M.Sc.		8	8	
M.Phil.	--	--	--	--	--	--	
Certificate courses	Carrier oriented course in English	1 year	XII passed	English	30	20	
UG Diploma	--	--	--	--	--	--	
PG Diploma	--	--	--	--	--	--	
Any Other (specify and provide details)	--	--	--	--	--	--	

**13. Does the college offer self-financed Programmes?**

Yes

No

If yes, how many?

**14. New programmes introduced in the college during the last five years if any?**

Yes	√	No		Number	3 ( Ph.D, B.Voc. and COC)
-----	---	----	--	--------	---------------------------

**15. List the departments: (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)**

Faculty	U.G. Departments	Research	
		M. Phil	Ph. D
Arts	Marathi Hindi English History Political Science Economics Geography	Geography	Geography
Commerce	Commerce	--	
Science	Chemistry Physics Botany Zoology Mathematics Geography Computer science	Chemistry	Chemistry
Vocational	Soil and Water Conservation Software Development	--	
Any other	Certificate Course in Business Communication Skills in English	--	

**16. Number of programmes offered**

- Annual system
- Semester system
- Trimester system

--
05
--

**17. Number of programs with**

- Choice Based Credit System
- Inter/Multidisciplinary Approach
- Any other ( specify and provide details)

--
--
CGPA

**18. Does the college offer UG and/or PG programmes in Teacher Education?**

Yes

☐

No

☒

If yes,

- Year of Introduction of the programme(s)..... (dd/mm/yyyy)

and number of batches that completed the programme

b. NCTE recognition details (if applicable)

Notification No.: .....

Date: ..... (dd/mm/yyyy)

Validity:.....

c. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes ☐ No ☐

**19. Does the college offer UG or PG programme in Physical Education?**

Yes ☐ No ☒

If yes,

a. Year of Introduction of the programme(s)..... (dd/mm/yyyy)

and number of batches that completed the programme

d. NCTE recognition details (if applicable)

Notification No.: .....

Date: ..... (dd/mm/yyyy)

Validity:.....

e. Is the institution opting for assessment and accreditation of Teacher Education Programme separately?

Yes ☐ No ☐

**20. Number of teaching and non-teaching positions in the Institution**

Positions	Teaching faculty						Non teaching faculty		Technical staff	
	Professor		Associate Professor		Assistant Professor					
	*M	*F	*M	*F	*M	*F	*M	*F	*M	*F
Sanctioned by the UGC / University /State Government	01#	--	07	01	32	02	47	02	--	--
<i>Recruited</i>	01	--	07	01	21	02	33	02	--	--
<i>Yet to recruit</i>	--	--	--	--	11	--	14	--		
Sanctioned by the Management/ society or other authorized bodies	--	--	--	--	02	--	11	--	--	--
<i>Recruited</i>	--	--	--	--	02	--	11	--	--	--
<i>Yet to recruit</i>										

**\*M-Male \*F-Female**

# Principal of the college is equivalent to professor

**21. Qualifications of the teaching staff:**

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	--	--	--	--	--	--	--
Ph.D.	01	--	02	--	08	01	12
M.Phil.	01	--	03	--	07	01	12
PG	01	--	07	01	21	02	32
Temporary teachers							
Ph.D.	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--
PG	--	--	--	--	02	01	03
Part-time teachers (CHB)							
Ph.D.	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	01	--	01
PG	--	--	--	--	11	15	26

**22. Number of Visiting Faculty /Guest Faculty engaged with the College. 02**

**23. Furnish the number of the students admitted to the college during the last four academic years.**

Categories	2011-12		2012-13		2013-14		2014-15	
	Male	Female	Male	Female	Male	Female	Male	Female
<b>SC</b>	90	25	72	31	129	72	115	63
<b>ST</b>	43	09	31	13	21	09	32	11
<b>OBC</b>	538	238	513	225	347	193	319	232
<b>General</b>	113	31	36	10	141	108	132	94
<b>Others</b>	128	29	93	40	105	65	133	59

**24. Details on student's enrollment in the college during the current academic year: 2015-16**

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	1469	--	--	12	1481
Students from other states of India	02	--	--	--	02
NRI students	--	--	--	--	--
Foreign students	--	--	--	--	--
Total	1471	--	--	12	1483

**25. Dropout rate in UG and PG (average of the last two batches)**

UG

B.A.: 41.65, B.Com.: 28.9, B.Sc.: 39.11

PG

Nil

**26. Unit Cost of Education**

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

a) Including the salary component

Rs 43826

b) Excluding the salary component

Rs 1553

**27. Does the college offer any program/s in distance education mode (DEP)?**

Yes

☒

No

☐

If Yes

a) Is it a registered centre for offering distance education programs of another University

Yes

☒

No

☐

b) Name of the University which has granted such registration.

Yashvantrao Chavan Maharashtra Open University, Nasik

c) Number of programs offered: **03 (Preparatory, B.A., and B. Com.)**

d) Programs carry the recognition of the Distance Education Council.

Yes

☒

No

☐

**28. Provide Teacher-student ratio for each of the program/course offered:**

Sr. No.	Programme	Ratio
1	B. A.	1:66
2	B. Com.	1:29
3	B. Sc.	1:23
4	B. Voc.	1:72
5	Ph. D.	1:6

**29. Is the college applying for**

**Accreditation:**

Cycle1

☐

Cycle2

☒

Cycle3

☐

Cycle4

☐

Re-Assessment:

☐

(Cycle 1 refers to first accreditation and Cycle 2, Cycle 3 and Cycle 4 refers to re-accreditation)

30. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: 16/09/2004 Accreditation Outcome/Result    **C**

Cycle 2: .....Accreditation Outcome/Result.....

*\* Kindly enclose copy of accreditation certificate(s) and peer team report(s) as an annexure.*

31. Number of working days during the last academic year.

235

32. Number of teaching days during the last academic year

192

(Teaching days means days on which lectures were engaged excluding the examination days)

33. Date of establishment of Internal Quality Assurance Cell (IQAC):

IQAC: 15.06.2005

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.

AQAR (Year)	Date
2010-11	31/07/2015
2011-12	06/08/2015
2012-13	12/08/2015
2013-14	27/08/2015
2014-15	29/09/2015

35. Any other relevant data (not covered above) the college would like to include.

(Do not include explanatory/descriptive information)

NIL

## CRITERIA-WISE INPUTS

### CRITERION I: CURRICULAR ASPECTS

#### 1.1 Curriculum Planning and Implementation

- 1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.

##### VISION

*To impart quality higher education and inculcate social and ethical values among rural students to make them good, self-reliant and capable Citizens of India.*

##### MISSION

*To achieve an all-round development of the students, we aim at encouraging creativity, self-employment, social service, aesthetic sense, conscientiousness along with the need of environment, sports and cultural proficiency and ideal citizenship so as to enable them to preserve the healthy democracy in the country.*

##### GOAL AND OBJECTIVES

The Institution is committed for:

- To help students to develop in-depth knowledge in selected area of study.
- To open the students to the social realities with a view to make him/her a responsible citizen.
- To ensure and inculcate perfect discipline in terms of regularity, sincerity and punctuality amongst the students so that they contribute to the society and nation as most responsible and respectable citizens.
- To provide a platform to the students, by giving them an opportunity to face all the challenges of the competitive world, with utmost utilization of their potential in sports, athletics and other events

The vision, Mission and objectives of the institution are communicated to the students, teachers, staff and other stakeholders through following modes.

- The vision and mission statement of the college is prominently displayed at the main entrance of the college.
- The students are communicated the vision and mission of the institution through college prospectus, college magazine, Principal's general address to students of the college. It is further displayed through college website <http://www.kisanacscollegeparola.in/>
- These objectives are further communicated to teachers at the time of staff meetings.
- These objectives are made visible through boards at prime locations.

- The vision and mission is communicated to the stakeholders, Management, trustee board and members in the meetings. It is communicated to the students in the various events organized in the college.

**1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).**

- Our college is affiliated to North Maharashtra University, Jalgaon. The NMU Jalgaon designs the curriculum and college implements it as per the guidelines of university.
- For the effective implementation of the curriculum and the college undertakes various measures for planning and implementation of it such as-
- At the beginning of every academic year, the institution refers the academic calendar activities of the University and prepares action plans for various departments. In the staff meeting everything is discussed.
- In such action plan the outline of curricular, co-curricular, extracurricular and other activities is given and action plan is executed as per instructions given.
- The teachers prepare semester wise teaching plan at the beginning of the academic year. The monthly syllabus completion report is submitted to Head of Department. The periods of teacher are engaged by other members of staff in the department in absence of other members.
- The programme and syllabus are carried out as per academic calendar and university guidelines.
- Revised syllabi are communicated to the college by North Maharashtra University, Jalgaon.
- The faculty attends the workshop on revision of syllabus and then it is implemented.
- The college prepares academic calendar for curricular, co-curricular and extracurricular activities.
- The college prepares time table and teaching plans for the teachers.
- The process of teaching includes evaluation, student centric methods of teaching and so on.
- Academic calendar is brought into practice just to develop and deploy effective implementation of curriculum.

**1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?**

For effective translation of the curriculum and improving teaching practices, the teachers receive following types of support from the university and institution.

**Support from Institution:**



- Qualified teachers have been appointed in the college for all programmes at UG courses as per norms of UGC, state Government and North Maharashtra University.
- The college also encourages the teachers to participate in the Orientation, Refresher courses, Workshops, Seminars organized by the affiliating University and Academic Staff College to update the knowledge and to improve the teaching practices. For this purpose college bears the expenditures of travelling including registration fees etc. and grants duty leave.
- The college provides educational instruments like Teaching models, and ICT facilities like projectors, smart board, CD's etc to enable teachers to ensure effective delivery of curriculum.
- The college also provides text, reference books, journals, magazines and other teaching materials.
- The North Maharashtra University, regularly organizes workshops and seminars to keep the knowledge and teaching aptitude of the teachers updated. The faculty of the college can discuss their issues or problems while participating in the meetings of the board of studies.
- Our two faculty members represents as a members of Boards of Studies and one as member of science faculty in NMU Jalgaon and other faculty members participates in syllabus framing workshops.
- The institution organizes workshops approved by university and sufficient financial infrastructural aids are provided to conduct such programmes.

#### **Support from University:**

- The university frames syllabus as per the U.G.C. norms and gives guidelines for the completion of the syllabus. University provides some text books and a list of reference books.
- The university regularly organizes workshops and seminars to revise syllabus and gives guidelines about the curriculum, the use of new educational technology, ICT in teaching and learning aspects of the curriculum and even newly introduced laboratory techniques.
- The board of study (studies) for various subjects is framed (formed) by university through the process of election. The board of studies designs the syllabus of their respective subjects.
- Further, university implements necessary revisions required in the syllabus with the approval of academic council, which helps in effective translation of the curriculum
- University conducts periodic meetings of board of studies in all subjects ensuring participation of subject teachers from the departments for the purpose of monitoring the present syllabus and for feedback from the subject teachers.

#### **1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other statutory agency.**

Though the curriculum is designed and revised by the North Maharashtra University; but for the effective curriculum delivery, following initiatives are taken by the institution.

- Along with conventional chalk and board method, various modern teaching techniques are used for lectures.
- The college faculty is trained by the computer department to make them familiar with the use of computers so that they are able to use the modern technological resources internet, projectors and OHP'S etc. to supplement their class room lectures.
- In addition to the regular subject classes, the college also organizes special lectures by inviting experts from various fields to share their knowledge with the students.
- Student seminars are organized where the students are allowed to make presentations on topics of their interest which are related to the curriculum.
- For practical sessions and science laboratories, the college provides resource materials such as specimen, chemicals, glass wares, equipment's, reference books and journals in time.
- The college arranges educational tour, industrial tour, visit to research institutes, exhibitions, ecosystems and various places for historical importance to provide students a firsthand knowledge of various things.
- Special classes are conducted for those students who could not attend the classes on account of NSS and NCC camp or participation in the sports or extra-curricular activities to make up their loss.

#### **1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalization of the curriculum?**

##### **Industry:**

The college has carrier guidance and placement cell which maintains the professional relations with the representatives of the industry.

- We have made MOUs with the industries and organized workshops for hands on training to students
- Industrial visits are arranged every year for students and teachers for enriching their practical knowledge.

##### **Study Tour:**

- The commerce department organizes industrial visits and bank visits so as to get knowledge about the sector.
- Arts, Mental Moral and Social science faculties organize visits to various tourist and historical places to understand cultural heritage.
- The science faculty organizes visits to various industries, field visits, forest and museum for enrichment of knowledge.

##### **Research Bodies:**

Research scholars from various fields are invited to the college to motivate the students and teachers to take up research projects in their further

studies from the state Government, affiliating university, UGC and any other agencies.

**1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University? (number of staff members /departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.**

- There are two members of our institution working on Board of Studies and one faculty represents member of faculty of science of North Maharashtra University.

Sr. No.	Name of Academic body / Committee	Subject	Name of Member	Name of University
1	Member, B.O.S.	Geography	Dr. Y. V. Patil	North Maharashtra University
2	Member, B.O.S.	Chemistry	Dr. G. H. Sonawane	North Maharashtra University

- Following faculty members were involved in the panel of syllabi reframing

Sr. No	Name of the Faculty	Subject	Class
1	Dr. Y. V. Patil	Geography	T. Y. B.Sc.
2	Dr. G. H. Sonawane	Chemistry	M.Sc., Ph.D., F.Y., S.Y., T.Y. BSc.
3	Dr. N. H. Desale	Zoology	S. Y. B.Sc.
4	Dr. B. S. Bhadane	Chemistry	T.Y. B.Sc.
5	Mr. A. G. Patil	Mathematics	F. Y. B.Sc.
6	Dr. P. D. Patil	Geography	F. Y. B.Sc.

- Almost all faculty members are participated in syllabi restructuring/reframing workshops in their respective subjects.
- The inputs of the staff and students are communicated to the curriculum development committees and they take it further to the concerned authorities.

**1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university) by it? If yes, give details on the process (Needs Assessment, design, development and planning) and the courses for which the curriculum has been developed.**

Yes, the college offered following two certificate courses, for which syllabus have been developed by the institution

1. Certificate Course in Business Communication Skills in English
2. Certificate Course in English for competitive exam from academic year 2014-

### **1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?**

All types of academic programmes are planned to achieve the objectives.

- The staff meeting is called in the beginning of the academic year, each teacher for each subject prepares teaching plans, and accordingly students are informed about conduct of theory and practical classes.
- Various modes of assessment are formulated by the faculty in order to ensure that the stated objectives are achieved (Home Assignments, tutorials, seminars, Posters presentations, Power point presentations etc., by the students).

## **1.2 Academic Flexibility**

### **1.2.1 Specifying the goals and objectives give details of the certificate/diploma/skill development courses etc., offered by the institution.**

The goals and objectives of certificate and skill development courses run by the college

#### **1. Certificate course in Business Communication skills in English.(COC)**

##### **Goals and Objectives:**

- To develop effective communicative skills.
- Use vocal variety and body language.
- Use of visual aids appropriately in oral presentation.
- Develop business writing using systematic organize application letters and resume.
- Use higher end technology in communication.
- Build confidence in speaking listening, writing English in business context.

#### **2. English for Competitive Exam**

- To acquaint the students the nature of competitive exams.
- To enable the students to understand competitive English language.
- To create ability to understand the significance of competitive skills.
- To practice the students for basic grammar of competitive exams.

#### **3. Bachelor of Vocation (B.Voc.)**

- To provide judicious mix of skills relating to a profession and appropriate content of General Education.
- To ensure that the students have adequate knowledge and skills, so that they are work ready at each exit point of the programme.
- To provide flexibility to the students by means of pre-defined entry and multiple exit points.
- To integrate NSQF within the undergraduate level of higher education in order to enhance employability of the graduates and meet industry requirements. Such graduates apart from meeting the needs of local and national industry are also expected to be equipped to become part of the global workforce.
- To provide vertical mobility to students coming out of 10+2 with vocational subjects

**1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If ‘yes’, give details.**

No provision of dual degree.

**1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:**

- The Institution provides Academic flexibility to the students. A student can opt for the subjects of his choice. The Institution provides details of the all the courses available in the college through prospectus of the college. There is academic flexibility for the students to move from one stream to another.
- 12<sup>th</sup> Science passed student has the academic flexibility to take admission to Science, Arts and Commerce streams. He can also take admission to professional courses.
- 12<sup>th</sup> Commerce passed students can take admission to Commerce and Arts streams. Such a student can opt for professional courses available in the college.
- The student who has passed 12<sup>th</sup> Arts has the Academic flexibility to opt for Arts or professional courses.

- **Core Options:**

Regular three years integrated courses B.A., B. Com., B.Sc., B. Voc. are available.

**Bachelor of Arts (B.A.):**

Students have right to select five courses at general level out of seven options and English is compulsory subject. At second year level student can select one of the special subjects which is continued up to the third year. The subjects offered for specialization are 1) English, 2) Marathi, 3) Hindi, 4) Economics, 5) Political Science, 6) History and 7) Geography.

**Bachelor of Commerce (B.Com.):**

The faculty of B.Com. offers following subjects in the division of FY, SY, and T.Y. B.Com. First year B.Com. contains three levels of subjects namely Language competence, Core competence and Applied component.

Language competence has 1) English for business, 2) Marathi or Hindi  
Core Competence contains 3) Micro Economic Analysis 4) Financial and Cost Accounting 5) Quantitative Techniques and Computing Skills. It has some elective options as 6) a) Modern Office Management b) Co-operative law and micro finance. Applied Component contains some elective subject namely 7) a) Principles and Practices of Banking b) Marketing and Advertising

Second year B.Com. contains 5 Core courses namely 1) Micro Economics Analysis 2) Business and Tax Laws 3) Business Management 4)

Corporate Accounting and Costing 5) Computing Management and Business Communication. Core Competence contains, some elective options such as 6)a) Entrepreneurship Development b) Business Ethics and consumer protection. Here Applied Components have some other elective options such as a) Modern Banking and Financial System b) Retail Management

Third year B.Com. consists of five courses of core competence such as 1) Indian Economic Scenario 2) Principal and Practices of Auditing 3) Income tax and competitive skill 4) Human Resources management and 5) a) Modern Management Techniques

Third Year B.Com. has some other elective special subjects such as 6 and 7 Advance Accounting I and II.

### **Bachelor of Science (B.Sc.):**

First year students have to select any group of four subjects from

Group-I) Mathematics, Physics, Chemistry, Computer

Group-II) Mathematics, Physics, Chemistry, Geography

Group-III) Mathematics, Physics, Chemistry, Botany

Group-IV) Mathematics, Physics, Chemistry, Zoology

Group-V) Chemistry, Zoology, Botany, Geography

At S. Y. B.Sc. level Marathi / English is compulsory and any three subjects can be selected from the subjects of F. Y. B. Sc. At T. Y. B.Sc. level the students can opt for any one as a special subject from the following subjects 1) Chemistry 2) Zoology.

### **Bachelor of Vocation (B.Voc.)**

#### **B. Voc. (Software Development)**

First year students have following Subject

1. Mathematics
2. Physics
3. Computer Science
4. Software Development (Skill Based Subjects)
5. Environmental Studies

Second year students have following Subject

1. Mathematics
2. Physics
3. Computer Science
- (Any two subjects can be selected from the subjects of F. Y. B. Voc.)
4. Software Development (Compulsory-Skill Based Subjects)
5. Marathi / English is compulsory

#### **B. Voc. (Soil and Water Conservation)**

First year students have following Subject

1. Chemistry
2. Botany
3. Geography
4. Soil and Water Conservation (Skill Based Subjects)
5. Environmental Studies

Second year students have following Subject

1. Chemistry
2. Botany
3. Geography
- (Any two subjects can be selected from the subjects of F. Y. B. Voc.)
4. Soil and Water Conservation (Skill Based Subjects)
5. Marathi / English is compulsory

### Ph.D. Programme

Ph.D, Programmes in Geography and Chemistry offered by the North Maharashtra University, Jalgaon. Geography and Chemistry research centers at our college approved by North Maharashtra University, Jalgaon.

- **Choice Based Credit System and range of subject options**  
The choice based credit system is not yet implemented by the affiliating University.
- **Courses offered in modular form**  
Courses are provided unit wise and are arranged in the modular form at department level by academic committees comprising of Principal, HOD's and staff.
- **Credit transfer and accumulation facility**  
No credit transfer and accumulative facility exists.
- **Lateral and vertical mobility within and across programmes and courses**  
Yes, lateral and Vertical mobility within and across the B. Voc. programmes exists.
- **Enrichment courses**  
Inter disciplinary research, ICT, Computer and web based systems for teaching-learning have enriched the academic programme for progression of the students to higher studies and improved potential for employability.

**1.2.4 Does the institution offer self-financed programmes? If yes, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.**

Yes, the college has started following self-financed UG programmes.

Sr.no.	Programme	Particulars
1	B. Sc.	Computer Science

**a. Admissions:**

UG: The admission process of UG courses done on the merit at the college level as per the guidelines of North Maharashtra University, Jalgaon.

**b. Curriculum:**

The curriculum is framed by the North Maharashtra University, Jalgaon, as per guidelines of UGC for UG programmes.

**c. Fee Structure:**

Fee chart is given below.

Sr. No.	Class	Subject	First year Rs.	Second year Rs.
1	B.Sc.	Computer Science	6000	7000

**d. Teacher Qualification:**

The qualified teachers are appointed for the programme at UG, as per the



norms of UGC/ University and State Government.

**e. Salary:**

The consolidated salary is paid to the teachers who are appointed for the above courses.

**1.2.5 Does the college provide additional skill oriented programmes, relevant regional and global employment markets? If yes provide details of such programme and the beneficiaries.**

Yes,

To integrate NSQF within the undergraduate level of higher education in order to enhance employability of the graduates and meet industry requirements. Such graduates apart from meeting the needs of local and national industry are also expected to be equipped to become part of the global workforce. We provide the skill oriented programs

1. B. Voc. (Software Development)
2. B. Voc. (Soil and Water Conservation)

**1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice: If ‘yes, how the institution takes advantage of such provision for the benefit of students?**

No, The University does not allow the flexibility of combining conventional face -to-face and Distance Mode of Education

### **1.3 Curriculum Enrichment**

**1.3.1 Describe the efforts made by the institution to supplement the University’s Curriculum to ensure that the academic programmes and Institution’s goals and objectives are integrated?**

- Besides teaching the curriculum, various departments engage its students in Literary Quiz, Debates, Creative Writing, Classroom Seminar Presentations, Peer learning, Poster Presentations, and Interaction with scholars from other colleges and universities and discussions.
- Institution also conducts blood donation camps, which are helpful for societies.
- Institution also conducts Geography week, Arth Yuva Manch, World Environment Day, International AIDS Day, Anti-Tobacco Day, Teachers day, NSS and NCC day, Youth Day, International Yoga Day, Kranti Din, International Ozone day... etc. are celebrated to create awareness amongst the students.
- Some departments organize Field Trips, Institutional and Industrial trips that have not been included in the syllabus.



- Soft skill development programme helps the students to develop their personality and it imparts various skills such as interview techniques, communicative skills and presentation skills.
- Our Institution provides sports facilities to students, which is helpful for students to show their skills.

### **1.3.2 What are the efforts made by the institution enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?**

Institution has focused attention on the development of job oriented and multiple skills in students to improve their chances of employment. Therefore our institution started B. Voc. skill oriented courses. In order to enrich the curriculum, guest lectures, study tours, field visits, industrial visits are organized by various departments.

In case of curriculum it is communicated to the University through the Board of studies (B.O.S.). After the communication to B.O.S. members, the University organizes a workshop for syllabi design and gives the guidelines to the teachers and it is helpful to the students for global employment market. The Institution organizes extracurricular and extension activities through various committees and associations.

### **1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?**

The institution has strived to introduce and sensitize its student community to various cross cutting issues through different approaches.

#### **Gender Issues:**

- This is addressed by offering Value and Ethical Education as part of the curriculum.
- The Women's Cell (Yuvati Sabha) of the college also deal with this issue. Different programmes are conducted where both students and teachers have been sensitized.
- Women empowerment undertaken as an activity of Yuvati Sabha.

#### **Climate change:**

- Environmental Studies is a compulsory subject for the first year of all faculties it deals amongst issues with the relevance of climate change.
- Climate change awareness programmes were organized through poster competitions, rally, quiz etc...

#### **• Environmental education:**

- Environmental Studies, which is compulsory in the first year of B.A. B.Com. and B.Sc. B. Voc., deals with issues pertaining to Environmental Education.
- Every year the college invites resource persons on the occasion of celebration of various days such as Ozone day, Geography week, Vasundhara Divas, etc...to sensitize students to issues related to Environment Conservation.

- A tree plantation programme is also conducted every year in the college at College Campus.

#### **Human rights:**

- Seminars and workshops on Human Rights issues have been organized by the Women's Cell.
- Students and teachers have attended inter-college seminars on Human Rights.

#### **Information Technology:**

- Cost free facility provided by college to the students such as e-suvidha, ICT facility, digital India program and various government schemes.

### **1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?**

#### **Moral and ethical values**

The college NSS team regularly visits surrounding areas and villages where people are provided awareness on various social, moral, ethical principles and way of life. The students are also motivated by way of special lectures so as to instill moral and ethical values in them.

#### **Employable and life skills**

Soft skills, computer skills, communication skills and life skills such as time management, conflict management and goal setting are imparted. Such activities help to achieve the objectives of the institution to provide holistic education.

#### **Better career options:**

- Various departments arrange the Institutional and industrial visits which enables students broaden their perspectives there by giving them an insight on their (academic/career) options.
- Placement and career guidance cell provides information of advertisements, newspaper clippings, jobs opportunities information are also displayed.

#### **Community Orientation:**

- The college NSS and NCC unit regularly visits surrounding areas and villages where people are provided awareness on various social, moral, ethical principles and ways of life.
- Institution organizes Blood donation camp, tree plantation, Jal saksharta dindi, street drama on various social issues for the holistic development of students.

### **1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?**

- The parent-teacher meets, meets of Alumni associations are a regular feature which offers rich feedback and fresh initiatives.
- The corridors have suggestion boxes which are available for soliciting the comments from students, faculty and non-teaching staff etc., serve as an excellent source of fresh ideas and insights
- Student's feedback and suggestions are considered during the process of

curriculum enhancement. For example, topics such as time management, conflict management and goal setting were added as per the suggestions of the students.

- Informal feedback from students takes place in the form of questions asked by faculty members.
- A suggestion box is also kept in departments where students can anonymously give feedback which is then discussed in departmental meetings.
- Some departments held brain storming sessions with faculty from other colleges. The interaction brought about new ideas and suggestions to help formulate a curriculum which is at par with recent trends in the field.

### **1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?**

The quality of the enrichment programmes are monitored by the Principal and HOD's by regular interaction with the faculties by checking the regularity of student attendance and participation. The assessment is made analyzing the feedback we get from the stakeholders.

A key role is played in this institution by the IQAC in translating the Vision and Mission of the college into a practical reality. The IQAC also ensures that the gender concerns of society, environmental sustainability and inclusiveness of the form of education imparted in the institution and its courses are all incorporated. It does so by gathering feedback and inputs from various bodies such as grievance redressal cell, library committee, research cell and publications committee, college unit. The suggestions made by them are consulted by the IQAC and the associated faculties and bodies are intimated about the effectiveness of their courses and endeavors.

## **1.4 Feedback System**

### **1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?**

The University statutory bodies like B.O.S. design syllabi. Experienced staff members are involved in procedures of curriculum design. Institution staff members also actively participate in workshops of curriculum design. As the curriculum is designed and developed by the university through the members of board of studies and academic council, some faculty members are involved in this academic activity. The inputs of the staff, students and peers are communicated to the curriculum development team for inputs and they take it further to the authorities. There are two faculty members of our institution are the members of Board of Studies of the affiliating university.

Sr. No.	Name of B.O.S. Member	Subject	Year
---------	-----------------------	---------	------

1	Prin. Dr. Y. V. Patil.	Geography	2010-2015
2	Dr. G.H. Sonawane	Chemistry	2010-2015

In the last five years almost all faculty members were involved in the syllabi framing workshops. However; following member have been appointed by the university in syllabi revision/restructuring committees.

Sr. No.	Members	Subject	Class
1	Dr. Y. V. Patil	Geography	T. Y. B. Sc.
2	Dr. G.H. Sonawane	Chemistry	F.Y/S.Y/T. Y. B. Sc./ M. Sc./Ph. D.
3	Dr. B. S. Bhadane	Chemistry	T. Y. B.Sc.
4	Dr. N. H. Desale	Zoology.	S.Y. B. Sc.
5	Mr. D.A. Badgujar	Political Science.	T. Y.B.A.
6	Dr. A.A. Patil.	Political Science	T.Y.B.A.
7	Mr. A.G. Patil.	Mathematics.	F. Y. B. Sc.
8	Dr. P. D. Patil	Geography	F. Y. B.Sc.

The suggestions made by the faculty member of the Institution have duly been accommodated in the syllabus. The process of revising the syllabus is always brought to the notice of faculty.

**1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?**

The University designs curriculum and all affiliated colleges to it abide by those guidelines. The institution encourages various stakeholders such as students, alumni; we take feedback from Students and Teachers. The necessary information is provided at the time of curriculums designing workshops organized by the university.

**1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?)**

The Institution introduced following new programmes during last four years.

- B.Voc. (Software development), B. Voc. (Soil and water conservation) started from June 2014. To provide information technology platform for science faculty students. It provides skill based job-oriented education for the rural area students.
- A new course T. Y. B. Sc. Zoology is started from June 2013. It provides job-

oriented education for the rural students.

- The Carrier Oriented Course in “Business Communication Skills in English” has started from 2013 for the students of U.G. level. It develops effective business communication skills among students.
- English for Competitive Exams has started from 2014. It provides the competitive skills among students.

**Any other relevant information regarding curricular aspects which the college would like to include**

Nil

## **CRITERION II:**

### **TEACHING-LEARNING AND EVALUATION**

#### **2.1 Student Enrolment and Profile**

##### **2.1.1. How does the College ensure publicity and transparency in the admission process?**

- Prospectus – Wide publicity is ensured by publishing college prospectus containing programs offered, eligibility for admission, its procedure, fee structure, rules for discipline so that every eligible student is admitted.
- Advertisement in regional newspapers.
- University norms are followed.
- Details of admission process is given on college web site.
- Hundred-percent transparency is ensured in the admission process by adhering to the rules and regulations provided by Central Govt., State Govt., University and Institution. The rules of constitutional reservations are strictly adopted.
- Faculty wise and class wise separate admission committee is constituted which monitors the transparency in admission process.

##### **2.1.2 Explain in detail the criteria adopted and process of admission (Ex. (i) merit (ii) Common admission test conducted by state agencies and national agencies (iii) Combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programs of the Institution.**

- The college has adopted the criteria of ‘come first serve first’ for all eligible students at the entry level admission for B. A. and B. Com. Faculties.
- Admissions are given as per the university guidelines.
- Reservation policy of government is strictly followed
- Students are selected on merit basis for B.Sc. and B.Voc.
- For Ph.D. programmes, the students have to qualify entrance examination (PET) and successful completion of Pre-Ph.D. course as per the University norms. Student after consulting with the guide develops a research proposal and synopsis and has to appear for interview before RRC of the University.

##### **2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the Programmes offered by the college and provide a comparison with other colleges of affiliating university within the city/district.**

North Maharashtra University, Jalgaon has fixed certain eligibility criteria for giving admission at the entry levels of each programme. The same is strictly followed irrespective of the percentage of marks. The same is followed by all the colleges affiliated to North Maharashtra University, Jalgaon.

**2.1.4 Is there a mechanism in the institution to review the admission process and student profiles annually? If, yes what is the outcome of such an effort and how has it contributed to the improvement of the process?**

Yes, the admission counseling committees for various faculties are formed which comprise of members of various subjects. The students are guided and their problems regarding the admission are solved. Their suggestions are considered every year for the improvement of the process and it is keenly observed that academic interest of each student is protected. We find growth in strength of students by this committee process.

**2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion.**

The College adopts the strategies to increase the students belonging to SC / ST / OBC / women /differently able / economically weaker sections / Minorities / Sportsmen / etc. as per the guidelines from the Govt. of Maharashtra, Affiliating University and UGC time to time. The College has made a classroom and sanitation to facilitate the differently abled students. The College ensures the follow up of rules and regulations in admissions. Information is also imparted about the poor boys fund, Earn & Learn Scheme, Book bank etc. to encourage the SC/ST/SC/ST/OBC/women/differently able/ economically weaker sections/Minorities/Sportsmen/section students.

Ramp way are constructed for all the buildings and wheel chair is provided to the differently abled students whenever necessary to them.

**2.1.6 Provide the following details for various programmes offered by the Institution during the last four years and comment on the trends. i. e. reasons for increase / decrease and actions initiated for improvement.**

From the below table, it is concluded that, the admissions for science faculty, are increasing every year and admissions of Arts and Commerce faculty are decreasing. Admissions of female students are increasing continuously. The increasing admissions is attributed to the student centric teaching -learning environment in the campus as well as qualified and devoted staff whose special attention is focused on the provision of qualitative and advance education, well discipline, well-furnished infrastructure and facilities available in the campus, well equipped laboratories, rich library, computer centre, broadband internet connectivity, recognized research laboratories, involvement of students in research activities, freedom offered to the students to participate in Avishkar, Ashwamedhas, Yuvarang, competitions, social activities, etc.

Programme	Academic Year	Number of applications received	Number of students admitted	Demand Ratio
B. A.	2010 - 2011	918	918	1:1
	2011- 2012	832	832	1:1
	2012 - 2013	782	782	1:1
	2013 - 2014	767	767	1:1
	2014 - 2015	759	759	1:1
	2015 - 2016	865	865	1:1
B. Com	2010 - 2011	86	86	1:1
	2011 - 2012	112	112	1:1
	2012 - 2013	75	75	1:1
	2013 - 2014	74	74	1:1
	2014 - 2015	71	71	1:1
	2015 - 2016	88	88	1:1
B.Sc.	2010 - 2011	247	247	1:1
	2011 - 2012	300	300	1:1
	2012 - 2013	281	281	1:1
	2013 - 2014	349	349	1:1
	2014 - 2015	363	363	1:1
	2015 - 2016	374	374	1:1
B. Voc.	2014 - 2015	57	57	1:1
	2015 - 2016	144	144	1:1
M. Phil	2010 - 2011	--	--	--
	2011 - 2012	--	--	--
	2012 - 2013	--	--	--
	2013 - 2014	--	--	--
	2014 - 2015	--	--	--
Ph. D. Geography	2010 - 2011	--	--	--
	2011 - 2012	03	03	1:1
	2012 - 2013	01	01	1:1
	2013 - 2014	--	--	--
	2014 - 2015	--	--	--
Ph. D. Chemistry	2010 - 2011	--	--	--
	2011 - 2012	--	--	--
	2012 - 2013	04	04	1:1
	2013 - 2014	04	04	1:1
	2014 - 2015	-	-	-
	2015- 2016	-	-	-

## 2.2 Catering to Diverse Needs of Students

**2.2.1 How does the Institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?**



Institution makes special arrangements for the needs of differently abled students for the enhancement in the academic and interested field. Government reservation policy for differently abled students is followed in the admission process. At present 3% reservation is available in the admission to all the courses in the institution. The institution provides following necessary facilities to the differently-abled students.

- Special guidance and counseling by Career Guidance Cell.
- Providing special arrangements in the college for their mobility and independent functions such as ramps are provided to all buildings and wheel chair provided whenever necessary to them.
- Financial assistance is provided to the differently abled students awarded by the government departments.

**2.2.2 Does the Institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If 'yes', give details on the process.**

Before the commencement of the programmes, the students are asked for their own interested fields and marks achieved in the previous examination. The seminars and orals predict the different skills in the students. During the programme, the Institution constitutes the various committees for academic, cultural and social activities. The committees arrange the various competitions viz. science quiz, G. K. test, poster presentations, seminars, group discussions, essay writing competitions, N. S. S. & N.C.C. activities, cultural activities, annual gathering, games etc. The students are thus assessed in terms of knowledge and various skills. The students those having different skills and potential are identified and the proper guidance is provided to such students to develop their potentials in the field of their own interests.

We have a formal mechanism to assess the skills and knowledge of students at the beginning of the programme. However the suggestions of the students & their parents are duly considered & efforts are made to suffice their diverse needs.

**2.2.3 What are the strategies drawn and deployed by the Institution to bridge the knowledge gap of the enrolled students (Bridge / Remedial / Add-on / Enrichment Courses etc.) to enable them to cope with the programme of their choice?**

Our institution make the provision to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice by running the different remedial coaching classes for the subjects like Mathematics, English, Chemistry and Geography etc.

Since English being a window for overall development of the students, remedial courses in English are meticulously run. For enrichment of subject knowledge, every department organizes special talks, poster presentations, seminars, quiz contest, etc. Yoga programmes are conducted in the college premises for the students and teachers.

#### **2.2.4 How does the college sensitize its staff and students on issues such as gender, inclusion, environment etc.?**

To sensitize the staff and students on issues such as gender, inclusion, environment by arranging the lectures, programmes and celebration of national and international days.

The College arranges the gender sensitization programmes for female students through Yuvati Sabha. The male and female students are convinced during N. S. S. programmes about gender sensitization and inclusion like issues. The students are made aware about environmental issues by assigning the projects on environment. A course on environmental studies has been made mandatory for the first year all the faculties students by the affiliating University. Geography week is celebrated every year to make aware about environment issues 'Ozone Day' with poster presentation and lectures of eminent personalities

#### **2.2.5 How does the Institution identify and respond to special educational / learning needs of advanced learners?**

The need of the students about advanced learning is identified with the help of students feedback form, formal discussion with students etc.

Institution makes special arrangements for providing the learning needs of advanced learners for the enhancement in the academic career. The advanced techniques viz. the use of Computer, Web and ICT based education is made available to the advanced learners. Special lectures are arranged for such students. Eminent faculties / research scholars are made available to guide such students. The advanced learners / students are encouraged to involve in workshop, research work and allowed them to participate in research festival AVISHKAR organized by affiliating University, State and National level seminars, conferences etc.

The Institution also provides the extra coaching for the students interested in the competitive examination like NET, SET, MPSC and UPSC.

#### **2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of dropout (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections, etc. who may discontinue their studies if some sort of support is not provided)?**

The Institution made the strict policy and restless efforts to minimize the drop out of the students. The Institution makes the result analysis after the declaration of the result of University examination and assessment. The slow and advanced learners are separated. Special care is taken to upgrade the slow learners by arranging the remedial teaching, extra teaching, etc. Thus the college succeeds in minimizing the student's dropout.

If the risk of dropping out is due to financial problems faculties and college provides financial aids through Earn and Learn scheme.

## **2.3 Teaching-Learning Process**

### **2.3.1 How does the College plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)**

Teaching, learning & evaluation schedules are prepared by the college following the academic calendar of the university. The academic schedule is keenly observed by the heads and faculties of all the departments of respective subjects. Teaching plans are prepared according to the academic calendar giving full scope for the ICT facilities. The teaching plans are prepared under the observation of heads of the department. The plan consists of teaching units, tentative test schedule and term end examination. Effective plans and time tables of all the feasible evaluative methods are given well in advance to all the students. The academic diaries are maintained by the faculties. Diaries consist of class, time and name of the teaching units for daily performance.

The students are evaluated by college in the following methods as per their strength in the class: Tests, Tutorials, Seminars, Quiz contest, Attendance, Group Discussion, Home Assignments, semester Exam Theory/Practical

The students are evaluated by university twice in a year as we follow CGPA pattern. The exams are held at the end of each semester.

Academic Calendar together with the systems of teaching, learning and evaluation are minutely kept an eye on by the Principal of the college and the Academic Committee.

### **2.3.2 How does IQAC contribute to improve the teaching-learning process?**

In keeping with the mission and objectives of the institution, the college IQAC committee obtains the feasible innovative ideas from other college's seminars, conferences, international database, e-journals, and education magazines & through internet. The data and innovations thus collected are further strengthened by recent ICT and other resources. All these ideas about teaching & learning are discussed meticulously among the teachers & practicable ideas are employed. IQAC committee takes the review of every teacher & suggestions are given whenever needed. The API of concerned teachers is assessed and suggestions are used in teaching and learning process by the IQAC committee. IQAC plays a vital role in the quality enhancement and sustenance of the teaching-learning process by giving timely directions and constant encouragement to the faculty and students.

### **2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?**

The teaching is totally made student-centric as we allow a dialogue method in the classrooms. There are a lot of open discussions in the classes. Teaching technology is now-a-days being replaced by the "says" of the students. Almost 2/3 of the class time is devoted to the opinions from the student community. The traditional role of the teacher as a piper is now overthrown by a new role as a facilitator only. It is in keeping with the modulations in

modern pedagogy. The students are a source of novelty is regularly put to practice by the college. All this, is engineered in the scrutiny of the Principal. The sufficient practical knowledge and training is availed with students due to well-equipped laboratories.

Following support structures are used for developing the skills in teaching & learning process.

**Interactive learning:** 1) Study tours and Field Trips 2) Group Discussions 3) Seminars, Conferences, Workshops. 4) Poster Presentation 5) Exhibitions 6) Debates 7) Overhead projector / Smart board 8) LCD 9) Visual charts and models 10) Internet facility

**Collaborative learning:** 1) Study and Research Centers 2) Guest Lectures 3) Competitive examination-guidance Center 4) Distance education services 5) Projects 6) hands on training to students

**Independent learning:** 1) Internet facility 2) Departmental and Central Library 3) Study and Research Centers 4) Counseling

#### **2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?**

- Students are made aware of the preamble of Indian constitution which asks to learn & promote scientific temperament among the students and society.
- The various associations of the institute like social science, science, literary, commerce organizes various programmes and competitions to nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovations.
- Above mentioned associations arranges the various lectures like Science & its advantages, Addiction-consequences, AIDS, Pollution, Plantation, Population control, Global warming, Eradication of superstitions, various national & international crises. Moreover, the institute celebrates Ozone day, Science day, Yoga day and Environment day etc...
- For enhancing creativity, students are asked to prepare posters and models for scientific exhibition on various subjects.
- Study tours are arranged to visit scientific institutions, museums, industries etc.
- Students are motivated to participate in Youth festival, Avishkar competitions arranged by North Maharashtra University, Jalgaon.
- Students perform one act plays and street plays to create awareness in society.
- Quiz contests are arranged by various departments.
- Students are asked to work on various projects for developing the power of creativity among them.
- NSS/NCC regular activities prepare students with expanded attitudes.

**2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? e.g. Virtual laboratories, e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information and Communication Technology (NME-ICT), open educational resources, mobile education, etc.**

Our Institution has made available the computers, smart board, e-library, internet facility, web, ICT, OHP and LCD projectors, T. V. etc. for teaching and our faculties use frequently such technology for effective teaching-learning. Some of our faculties have prepared and utilized scientific models for presentation during teaching.

INFLIBNET facility is available to the faculties as an e-learning resources.

**2.3.6 How are the students and faculty exposed to advanced level of knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?**

- Liquidizing the teaching-learning process up to the depth of the students by introducing advanced teaching aids and ICT in teaching.
- Arranging the lectures of eminent personalities, academicians, research scholars, etc. on special topics viz. scientific or popular lectures,
- Arranging study tours, industrial visits, field study, various competitions and programmes.
- Involving in research activities, encouraging participating in district, University, state, national and international level seminars, conferences, workshops, symposia, programmes, etc.
- Faculties are encouraged to participate in faculty development programmes viz. orientation/refresher course, short term courses, etc. along with seminars, conferences, symposia, workshops, etc.
- The students & faculties are not only exposed to above facilities but also allowed to attend expert lectures, seminars, workshops and are sent to deliver lectures also. The college and some faculties are subscribers of research journals of National and international standard. The college is subscriber to INFLIBNET- N-List, Ahmadabad, which makes available e-books and e-journals.

**2.3.7 Detail (process and the number of students benefitted) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?**

The college made the provision of students counseling by our faculty members. The students in a class are divided into few groups and each group is provided with academic and personal level guidance. It is done in all programmes/courses. The faculty-in-charge carefully monitors the regularity of attendance and academic activities of the students. Few needy students can get Psychological counseling by our faculty. Number of students got benefits in a year. To sum up, the faculties are really behaved as the good friends of the students.

Students are guided by various committees like admission committee, language association, science association etc.

We organize different soft skills development and interview technique workshops for the students of all faculties.

**Academic Support:** Academic support is provided to students through library resources, personal guidance; inter personal communication, I.C.T. facilities, class lectures and remedial coaching. Many students are benefited by this kind of help.

**Guidance Services:** Competitive cell, Yuvati sabha, N.C.C., N.S.S., Personality development programme, Soft skills orientation and sport department are the best geneses of guidance for one and all. The students are guided for professional training, career building, job opportunity and advanced research in the various department of the college.

### **2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the Institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?**

Our faculty adopted the advanced and innovative approaches in teaching as ...

- Introducing Participatory and Interactive teaching techniques.
- Introduced computer, web and ICT based techniques
- Use of charts and models (available and homemade),
- Some lectures were arranged on smart board, OHP, LCD projectors etc...
- Scientific and popular lectures are arranged by virtual classroom and e-learning is introduced in teaching.
- Students are encouraged to deliver seminar using ICT techniques.

As result of above innovative methods interest of students in teaching and learning process is increased and it is reflected in the examinations results.

### **2.3.9 How are library resources used to augment the teaching-learning process?**

Our Library has been enriched with near about 12169 text books and 10864 reference books, subscription of 43 national and international journals and periodicals, daily and weekly newspapers, encyclopedia, etc. The working hours of the Library are from 8.00 a. m. to 5.30 p.m. on all working days. The library is provided with facilities such as reprography, computers, broadband internet connectivity, e-library by INFLIBNET (N-LIST, UGC) and educational CD's. Advisory committee observes and monitors the activities of the Library. Library is partly computerized and college has purchased software to facilitate lending of books, purchase of books and stock verification by using computer. A computer is available for e-learning in the library for students and staff. Students and staff used all these resources from library to augment the teaching learning process. In addition to this departmental library facilities are available.

**2.3.10 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If ‘yes’, elaborate on the challenges encountered and the institutional approaches to overcome these.**

We face shortage of time due to semester system, co-curricular and sports activities. We have to cope up with absence of students due to calendar activities. There is a little hurrying up. Still, the syllabi of all the subjects & classes are completed in tenure as per the teaching plans prepared in the beginning of the academic year. If needed, extra lectures are arranged.

Principal and Vice Principals of the college are careful to share information about syllabus completion by talking to teachers and students.

**2.3.11 How does the institute monitor and evaluate the quality of teaching learning?**

The Institution doesn't monitor and evaluates the quality of teaching and learning only from the results of unit tests, internal tests and University examinations. However, the quality has been monitored and evaluated also from participation of students in various competitions organized by affiliating University and others viz. Avishkar, Ashwamedhas, research work, use of technology and models in teaching learning, healthy interaction among the faculties and students, performance in classroom and seminars, awareness achieved by the students, project work completed and the results published, utilization of e-learning resources and library resources, the live environment of the college, etc. At the end of every academic year feedback forms are filled by the students, the suggestions made are evaluated and discussed in staff meeting to improve the quality of teaching and learning.

## **2.4 Teacher Quality**

**2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum.**

Qualified and competent teaching staff is employed by the management following existing UGC, University and Government of Maharashtra rules & procedures. Emphasis is given to recruit and retain the meritorious staff. The staff is updated by orientation, refresher courses and short term courses etc. As the 100% faculty is engaged in research work which helps to meet the changing requirement of the curriculum.



The details of the post and qualification of staff is given below.

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	--	--	--	--	--	--	--
Ph.D.	01	--	02	--	08	01	12
M.Phil.	01	--	03	--	07	01	12
PG	01	--	07	01	21	02	32
Temporary teachers							
Ph.D.	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	--	--	--
PG	--	--	--	--	02	01	03
Part-time teachers (CHB)							
Ph.D.	--	--	--	--	--	--	--
M.Phil.	--	--	--	--	01	--	01
PG	--	--	--	--	11	15	26

**2.4.2 How does the Institution cope with the growing demand / scarcity of qualified senior faculty to teach new programmes / modern areas (emerging areas) of study being introduced (Biotechnology, IT, Bioinformatics, etc.)? Provide details on the efforts made by the Institution in this direction and the outcome during the last three years.**

We have introduced skill based programme of B. Voc. Software Development and Soil Water Conservation. To meet the demand of these courses MOU's have been signed with the institutes having expert faculty members in the field of Software development and Soil Water Conservation. The scarcity of faculty was fulfilled by giving wide publicity through the advertisement as well as by making collaborations with industry and nearby institutes. Further to full fill the demand of faculty every year sufficient number of CHB/part time/contractual faculties are appointed.

**2.4.3 Providing details on staff development programmes during the last four years, elaborate on the strategies adopted by the Institution in enhancing the teacher quality.**

- a) Nomination to staff development programmes
- b) Faculty Training programmers organized by the Institution to empower and enable the use of various tools and technology for improved teaching-learning:
- c) Percentage of faculty: invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies:
- a) Nomination to staff development programmes



Academic Staff Development Programmes	Number of faculty nominated in the academic year				
	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016
Refresher courses	11	03	02	08	05
HRD programmes	--	--	--	--	--
Orientation programmes	--	01	02	01	--
Staff training conducted by the university	--	--	--	01	01
Staff training conducted by other Institutions	--	--	01	--	--
Summer/winter schools, workshops etc.	--	--	02	02	--

**b) Faculty Training programmes organized by the Institution to empower and enable the use of various tools and technology for improved teaching-learning:**

Following faculty training programmes were arranged to empower the teaching & learning:

- Faculty training programme in ICT has been organized by IQAC with the help of department of computer science for empowerment of faculties and enrichment in using technological tools in improved and innovative teaching-learning process. The college organizes the programmes to motivate the faculties to prepare and get ready for the use of computer aided, web based and ICT based teaching-learning materials, presentations, video lectures and shows etc.
- To understand new grade point system CGPA adopted by the university in examination, training programme was attended and then a workshop on CGPA was arranged by the college
- To facilitate the teaching learning process; the training of ICT has been given to non-teaching staff also.

**c) Percentage of faculty: Invited as resource persons in Workshops / Seminars / Conferences organized**

- Invited as resource persons in workshops: 20%
- Invited as resource persons in seminars : 10%
- Invited as resource persons in conferences : 12%

**2.4.4 What policies/systems are in place to recharge teachers? (e.g.: providing research grants, study leave, support for research and academic publications, teaching experience in other national Institutions, and specialized programmes, industrial engagement, etc.)**

Faculties are motivated to participate in the research work, prepare and submit the faculty recharge scheme, minor / major research scheme / project to funding agencies viz. UGC, DST, CSIR, VCRMS, etc. for financial assistance to recharge the faculties through the work done. The College provides the infrastructural and basic facilities as a support for research and academic publications. The computer and internet facilities are made available for publications of research papers in most reputed and referred journals having high impact factors. Faculties are relieved for teaching in other Institutions by maintaining the proper teaching status in our Institution. Faculties have provided the freedom to participate in seminars, conferences, workshops, orientation courses, refresher courses, short term courses, training programmes, arranging study tours and industrial visits, etc. All these activities are implemented in our Institution to recharge the faculties.

**2.4.5 Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the Institutional culture and environment contributed to such performance / achievement of the faculty.**

The Institution provided the basic infrastructure and free, motivated and inspirational environment to the faculties for teaching-learning and research, so that, our faculties work freely and got some awards, honors, inspirations and recognitions from national and international agencies. The details are given as follows...

**A. Awards:**

Sr. No	Name of the Faculty	Name of Award	Level / Status	Year	Venue
1	Dr. G. H. Sonawane	Young scientist	National	2007	Dr. H. S. Gour University, Sagar (M.P.)
2	Prin. Dr. Y. V. Patil	Adarsha Bhoogolshyshastra Adhupak puraskar	State	Jan. 2008	Pune
3	Dr. G. H. Sonawane	1 <sup>st</sup> Prize Best Oral Paper Presentation	International	2010	Dr. P. R. Ghogrey Science college, Dhule (M. S.)
4	Prin. Dr. Y. V. Patil	Indian National Cartographic Association Hyderabad	National	2010	Hydrabad
5	Dr. G.H. Sonawane	2 <sup>nd</sup> Prize Best Oral Paper Presentation	International	Jan. 2011	Dr. P. R. Ghogrey Science college, Dhule (M. S.)
6	Dr. A.A. Patil	“Jivan Gaurav Sanman”	State	Dec. 2012	Jalgaon
7	Dr. S. P.	“Shabdha	National	Apr.	Burhanpur (M.P.)

	Chaudhari	Ratnakar"		2012	
8	Prin. Dr. Y. V. Patil	Fellow of The Royal Geographical Society, London	International	Jan. 2014	--
9	Dr. G.H. Sonawane	1 <sup>st</sup> Prize Best Oral Paper Presentation	National	Jan. 2015	M. J. College Jalgaon
10	Dr. S. P. Chaudhari	Best Paper Presentation		Nov. 2014	Solapur
11	Mr. D. A. Badgujar	"Jivan Gaurav Sanman"	State	Feb. 2015	Dhule

#### **B. Recognitions as research guides for M. Phil and Ph. D.:**

Sr. No.	Name of the Faculty	Subject	Students Registered	
			Ph. D.	M. Phil.
1	Prin. Dr. Y. V. Patil	Geography	06	----
2	Dr. G. H. Sonawane	Chemistry	08	----

#### **2.4.6 Has the Institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?**

The evaluation of teachers is done by the students and by the external Peers during the CAS period. Feedback audit from students and external peers is introduced for the evaluation of teachers and quality of the teaching-learning process. Feedback forms are distributed among the students, teacher wise, at the end of every academic year. Feedback forms mainly focuses on the knowledge and teaching skill of the faculty as an individual, content covered, innovations introduced during teaching, laboratory work, etc. The students are asked not to write their names or roll numbers on the feedback forms by providing freedom to the students and confidentiality is maintained. The filled forms are collected by the feedback committee. The feedback committee and IQAC reviews and submits to the Principal. Finally, the Principal Counsels the faculties which do not meet the benchmarks. Teachers evaluation has also been made by the parents and the problems, if exist, are resolved during parents meetings with the faculties.

### **2.5 Evaluation Process and Reforms**

#### **2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?**

The institution ensures awareness about evaluation processes among the students by: furnishing notifications among students on the general notice boards, university SMS, phone calls, digital university websites, newspapers and the oral announcement by the teachers in the live classes whenever necessary. All announcements are displayed on

special examination notice board. There are three types of notice boards particularly student notice board for specific department, faculty notice board in common room and office notice board for non-teaching. The teachers introduce evaluation processes to the entry-students in the beginning of the academic year while introducing syllabi and question paper formats. The university publishes news about the changes in the evaluation process for the cognizance of students/staff. The circulars and GRs from the government, university and institution are served at the disposal of the faculty via emails, notices and oral medium. Sometimes workshops on evaluation processes are hosted by both the institution and the university.

### **2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own?**

The Institution adopted the same examination-evaluation pattern as declared by the affiliating university and it is mandatory to all the Colleges affiliated to the University. However, the students are evaluated by group discussions, seminars, oral tests, etc., which makes the evaluation more interesting and beneficial to the students. The affiliating University initiated various evaluation reforms as given below...

- Semester pattern is applicable for theory and Practical examination.
- Introduction of University and College Assessment (U. A. and C. A.),
- Introduction of objective type and multiple choice questions in question papers,
- Bar coding System for Answer sheets.
- Students can challenge the evaluation of answer sheets of University examination and can demand the photocopy of the answer sheet from the affiliating University,
- For B. Voc. Skill Courses the skill competence is evaluated by Sector Skill Council as per the NSQF Guidelines

The College adopted the following evaluation reforms...

- Semester pattern is applicable for theory and Practical examination
- The pattern of question papers and evaluation process declared by University are used intact for College Assessment i. e. for unit tests, internal tests, etc.
- Same criteria are applicable for the setting up the question papers of unit tests, internal tests, etc. those declared by the University.
- Home assignments, seminars, orals, etc. are optional to the students and faculties,
- Students can challenge the evaluation of answer sheets of College examination and can demand the photocopy of the answer sheet from the College
- For B. Voc. Skill Courses the skill competence was evaluated by Sector Skill Councils per the NSQF Guidelines.

### **2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?**

The university and the college have fool-proof system for the effective implementation of examination reforms. However institution has responsibility to initiate all the works of examination. There is an examination committee for the effective implementation of the evaluation system in college. This committee undertakes and executes all internal exams fairly under the guidance of the principal. Every student has to undergo college assessment (CA) and university assessment (UA) and the institution keenly observes the implementation of the evaluation process. The details are furnished below:

The College assessment (CA) of students is carried out by the teachers in the following ways:

- Attendance of the students in the theory and practical classes.
- Behavior in the class and campus.
- Seminars/home assignments/field work/projects/tutorials/tests.

The university assessment (UA) of the students is done by the teachers in the following ways:

- Performance in the practical exams.
- Performance in viva-voce, project reports, study tour and excursion reports.
- Performance in theory exams.

#### **2.5.4 Provide details on the formative and summative evaluation approaches adapted to measure student's achievement. Cite a few examples which have positively impacted the system.**

Formative evaluation in every semester is done as internal assessment by the college faculties. This is defined as College Assessment (CA). It is done by considering attendance in the class by interaction in the class

- Tests, Tutorials, Seminars, Group Discussion
- Behavior in the class
- Participation in quiz, interview, oral testing, practical exam, etc.

All these tests are diagnostics as well as remedial as they provide effective feedback active involvement in learning which help the teachers for assessment of teaching outcome.

Summative assessment is the final assessment of performance at the end of every semester. It is carried out by University known as University Assessment (UA).

Formative and Summative assessments have typically contrastive outcomes. Formative tests help the teacher to decide on the teaching learning process as per the academic level of the students. Summative evaluation helps to determine that how much of the content taught is retained by the student.

Following are some positive impacts are cited due to above evaluation systems..

- Percentage of student's success has increased.
- Students are more regularly attending the classes.

**2.5.5. Detail on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weight age for behavioral aspects, independent learning, communication skills etc.).**

Internal examination is conducted strictly by college providing the class wise & subject wise time table. While calculating internal assessment, due importance is assigned to behavior, attendance, seminars, tests, group discussion, project work, home assignment etc. It carries 20 marks in 80(UA) + 20(CA) pattern until 2009.

The CGPA pattern 40+10 is introduced from 2010 onwards. It carries 40(UA) + 10(CA) for every paper in each semester. The 10 marks of internal assessment-college assessment (CA) are decided by considering the behavior, attendance, seminar, home assignments, tests performance etc.

The CGPA pattern 60+40 is introduced from 2014 onwards. It carries 60(UA) + 40(CA) for every paper in each semester. The 40 marks of internal assessment-college assessment (CA) are decided by considering the behavior, attendance, seminar, home assignments, tests performance, group discussion etc.

The examination process is totally insulated with secrecy of all confidential matters. The students are informed about schedule of exam well in advance and their performance is displayed on the general notice boards before it is sent to the university. The students note down their marks and meet the examination department authority if they have any grievances in the assessment outcomes.

**2.5.6 What are the graduate attribute specified by the college/affiliating university? How does the college ensure the attainment of these by the students?**

- Provision of qualitative higher education to all sects of the society in the doors of rural peoples, to make the students best citizen of India,
- To increase the number of female students in higher education, to achieve the student's highest progression, to make the students competent, confident and excellent, etc. are the graduate attributes specified by the college.
- The college ensures the attainment of these attributes by providing the effective teaching, learning and evaluation process, which contains the advanced teaching aids, computer, web and ICT based education, etc.
- The college provides the counseling to students to achieve the attributes.

**2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?**

- The students approach to the subject teacher and to the examination committee in case of any problems regarding evaluation. If student is not satisfied, he approaches to the Redressal and grievance committee. The problems regarding evaluation system are solved by this committee from time to time at college level.

The problems regarding evaluation by university are forwarded through Principal to the university and get solved.

- The students, who have doubts about their results, apply for the photocopy of the answer sheet through the process of verification punctuated by the university. If the doubt of student is confirmed, he challenges for redressal.

## **2.6 Student performance and Learning Outcomes**

### **2.6.1 Does the college have clearly stated learning outcomes? If ‘yes’ give details on how the students and staff are made aware of these?**

Yes, institutions have learning outcomes. The students and staff are made aware of learning outcomes by organizing various programmes such as....Personality and soft skill development, Social awareness, Environmental awareness, Health awareness, Physical fitness, Success on Competitive examination, Moral and Cultural awareness, Communication skill development, Eradication of superstitions, imbibing research attitude and aptitude, Placement in various sectors, etc. The guest lecturers of renowned personalities are arranged on above topics for developing awareness among the students and the staff.

We display hoardings and banners which showcase our learning outcomes for the student’s perusal. We publish photographs of meritorious students in *Kisaniya* (College Magazine). The prospectus and website of the college also spreads this awareness among the students right in the beginning.

### **2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the student’s results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.**

Institution monitors & communicates the progress & performance of the students subject-wise by displaying the internal marks (college assessment) on notice board. The results are displayed on college website for students. The university results (mark lists) are also published on the university website and mark sheets are distributed to the students.

Class-wise and subject wise results are analyzed. This analysis is reached according to merit such as Distinction, First class, Second class, Pass class, Allowed to Keep Term (ATKT), failed & grade wise result percentage is also calculated. Result analysis helps to concentrate on success and failure. Causes of the same are sought and utilized for the betterment of future.

The result analysis of the students from last four years depicts the increasing progress and achievements of students day by day and the students are satisfied with their results as well. The students are not bothering about their percentage of marks, because they achieved the versatility in all around development, viz. awareness in environmental



issues, moral values, confident, competent, devoted in self-learning and research, project work, sports activities, participation in Avishkar, Yuvarang, Ashwamedhas, etc

### University Rankers

Sr. No.	Name of the Student	Subject	Rank	Year
1	Sisode Priyanka Suresh	Chemistry	II <sup>nd</sup>	2002
2	Pawar sandip Ramesh	English	I <sup>st</sup>	2009
3	Patil Atul shivaji	Chemistry	II <sup>nd</sup>	2010
4	Patil Samadhan Arjun	Chemistry	Ist & Gold	2013

### Result Analysis of last four years:

#### Bachelor of Arts (B.A.)

Department	2011-2012			2012-2013			2013-2014			2014-2015		
	Appear	Passed	%	Appear	Passed	%	Appear	Passed	%	Appear	Passed	%
Marathi	29	24	82	24	21	85.71	32	25	78.00	11	08	74.00
Hindi	18	17	94.44	02	02	100	12	10	83.00	08	07	85.50
English	11	06	54.54	11	08	72.00	20	14	71.00	14	10	70.00
Economics	09	07	84.61	07	06	85.71	09	08	94.44	17	15	88.23
Political science	24	21	89.17	15	15	100	21	20	95.24	22	21	95.45
History	14	13	92.80	30	28	93.00	32	28	87.50	22	20	90.90
Geography	66	61	91.00	20	18	90.00	22	20	90.90	21	13	61.90

#### Bachelor of Commerce (B.Com.)

Department	2011-2012			2012-2013			2013-2014			2014-2015		
	Appear	Passed	%	Appear	Passed	%	Appear	Passed	%	Appear	Passed	%
B.com.	34	13	38.00	15	11	73.33	29	10	34.48	15	07	46.66

#### Bachelor of Science (B.Sc.)

Department	2011-2012			2012-2013			2013-2014			2014-2015		
	Appear	Passed	%	Appear	Passed	%	Appear	Passed	%	Appear	Passed	%
Chemistry	57	46	81.00	33	32	94.40	59	46	78.00	58	41	70
Zoology	--	--	--	--	--	--	05	02	40.00	01	00	00



Result analysis helps to concentrate on success and failure. Causes of the same are sought and utilized for betterment of future.

### **2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcomes?**

The Institution prepared the student centric action plan for effective teaching, learning and assessment, to enhance the employability and students progression, which consists of ...

- Maximum utilization of all resources and infrastructure available,
- Use of advanced teaching skills and teaching aids with models and e-models,
- To provide computer, Smart boards, web and ICT based education,
- Motivation to the student to learn independently, to participate in curricular, co-curricular and extra-curricular activities,
- To introduce innovations in research work and present the outcome of the work in research festival: Avishkar, organized by the affiliating University,
- To provide equal justice to all sects of the society,
- Preference is given in some programmes to meritorious students, sportsmen, women students, etc.
- A special attention has been given to increase the admissions of women students.

### **2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (quality Jobs, entrepreneurship, innovation and research aptitude) of the courses offered?**

The institution has started the new courses like B.Voc. Software development and Soil and Water conservation, B. Sc. Computer Science and Zoology (Special subject) for the social and economic relevance in present situation. For this, institution has made MOU with industries to enhance the social and economic relevance. Since 2014-15 under UGC scheme institute started B. Voc. Skill based course and made MOUs with

- Institute of Management and Research (IMR), Jalgaon.
- JalSRI, Jalgaon.
- National Association of Software and Services Companies (NASSCOM).
- Sector Skill Council (SSC) Delhi.
- AMIS IT solution Pune.
- NSN Technology Pune.
- Agriculture Skill Council of India (ASCI), so as to get opportunities to the student in employment.

For development of entrepreneurship of students, guest lecturers of entrepreneurs, visits to industries and group discussions are arranged.

Institution provides financial aid to update the departments and research laboratories. The institute organizes following events to enhance the social and economic relevance: The quality measures and initiatives are taken up by the Institution to enhance the social and economic relevance of the courses offered. They are as follows:

- The Institution constituted the admission committee which provides the knowledge about the qualitative job opportunities for the courses opted at the time of admission,
- The affiliating University introduced the mandatory course of general knowledge Second year students of all faculties. The Institution constituted the special committee to carry out the course smoothly. This helps in building the career in qualitative jobs and entrepreneurship.
- The Institution provides the human resources to the students which are fully utilized by the students for their academic excellence and innovations. The students build some Models from the text by adopting some innovative ideas and knowledge.
- The Institution has two recognized research laboratories in Geography and Chemistry. As 100% of faculties are engaged in research activities. The Institution and faculties motivate the students to involve in the research activities. The outcomes of the research work are presented in Avishkar, conference, seminars, etc.

### **2.6.5 How does the Institution collect and analyze data on student learning outcomes and use it for planning and overcoming barriers of learning?**

At the beginning of academic year, the information about the successful students in placement, higher education, research and entrepreneurship is collected through alumni meets and from departmental records.

Having analyzed the data, new strategies are decided and changes in previous strategies are made if needed.

We collect the data of outcomes of learning and identify weaknesses and problems of the students and plan the schedule in such a way that those difficulties get solved as early as possible. To remove the barriers, we discuss the issues of high importance in the staff meetings and exert appropriate steps for betterment of student related matters.

Special efforts are taken to overcome the barriers of learning among some students. For that their results, attendance, personal difficulties etc. are understood and accordingly they are helped. The institution invites the successful students to let fresher's know their experiences and attempts bright future. Encouragement is continuously done with love and affection.

**2.6.6 How does the institution monitor and ensure the achievement of learning outcomes.**

For monitoring the learning out comes various efficient persons are appointed. The committees are framed to monitor and ensure the learning outcomes. Annual meeting of members of the Management, Principal, Vice Principals and Head of the Departments is held to review and improve academic excellence and achievement of learning outcomes and ensure proper way.

**2.6.7. Does the institution and individual teachers use assessment/evaluation outcomes as an indicator for evaluating student performance, achievement of learning objectives and planning? If ‘yes’ provide details on the process and cite a few examples.**

Yes, both CA and UA results of UG students are used as indicator for evaluating student performance. It helps both management and faculties to decide the direction of their working system. The university rank holders achievement is celebrated and discussed in the staff and student meeting. Their list is meticulously displayed and the college honors the rankers especially in the Annual Prize Distribution ceremony. Similarly the causes of failure too are discussed.

### **CRITERION III:**

#### **RESEARCH, CONSULTANCY AND EXTENSION**

##### **3.1 Promotion of Research:**

KVP's Kisan Arts, Commerce and Science College is primarily an undergraduate institution affiliated to the North Maharashtra University, Jalgaon. Although the college has facilities like a rich library, well equipped laboratories to promote research, the university have given its recognition to open affiliated research centres for Geography and Chemistry. However, the college has always promoted research among teachers and undergraduate students.

##### **3.1.1 Does the institution have recognized research center/s of the affiliating University or any other agency/organization?**

Yes, our college has following two PG research recognized centers of the North Maharashtra University, Jalgaon.

<b>Sr.No.</b>	<b>Subject</b>	<b>University Recognition Letter No.&amp; Date</b>
1	Geography	NMU/11/Lab.Recg/2419/2010 dated 18/09/2010
2	Chemistry	NMU/11/Lab.Rcog./1366/2013 dated 28/06/2013

##### **3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition? Mention a few recommendations made by the committee for implementation and their impact.**

Yes, the college has research committee of two years duration. After every two years committee has been reconstituted. The major functions of the committee are to facilitate, promote and monitor the research activities. Composition of the committee is as follows.

<b>Sr. No.</b>	<b>Name</b>	<b>Status</b>
1	Dr. Y. V. Patil	Chairman
2	Dr. G. H. Sonawane	Member
3	Dr. A. A. Patil	Member
3	Dr. B. S. Bhadane	Member
4	Dr. N. H. Desale	Member

##### **Recommendations made by the Research Committee for implementation**

- Research work such as M. Phil., Ph. D. should be carried out by all faculty members.
- Apply to various funding agencies for the major, minor research projects.

- Organization of workshops for the preparation of research project proposals.
- Promote the faculty members to join / seek membership of the National and International research bodies of their respective subjects.
- Faculty members should participate in the various conferences and present research papers / articles.

#### **Impact of research committee recommendations**

- The faculties and students are participating in research activities.
- In the last four year faculty members have attended 21 International, 104 National and 27 State level conferences.
- In last five year 92 research paper have been published in various National and International journals by the faculty members of the institution.
- 11 Minor research projects completed, 06 are ongoing and 03 are proposed.
- There are 02 research guides available in the institution.
- Students and faculties are participating in the research competitions like “AVISHKAR” organized by the North Maharashtra University, Jalgaon.

#### **3.1.3 What are the measures taken by the institution to facilitate smooth progress and implementation of research schemes/ projects?**

- **Autonomy to the principal investigator:** Principal Investigator has full autonomy in the implementation of his/her research project. There is no interference from the college management and administration in the work of principal investigator.
- **Timely availability or release of resources:** As soon as the sanctioned amount released by the sponsoring agencies, the same has released to the principal investigator. So PI can procure the necessary items required for the project. College laboratory facilities are always made available to the PI.
- **Adequate infrastructure and human resources:** Adequate infrastructure facilities are available in all the science and social science laboratories of the institution. The human resources required as supporting staff is adequately provided in the laboratories.
- **Time-off, reduced teaching load, special leave etc. to teachers:** Help is extended to those researchers who are engaged in individual research like MRP, M. Phil. and Ph. D. with provision of duty leave.
- **Support in terms of technology and information needs:** Our institution has hired the services of INFLIBNET N-List and the access is made available to all the faculty members and students. Computers made available in all departments with internet facility.
- **Facilitate timely auditing and submission of utilization certificate to the funding authorities:** Research committee take review of the progress made by the researcher. The college has its own auditor for internal audit. Utilization

certificate and documents related to the audit submitted in stipulated time to the concerned agency.

- **Any other:** Faculty member are encouraged to participate in the workshop, conference etc. Large numbers of reference books for all subjects are made available in the library.

### 3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?

- Students are encouraged to participate in the AVISHKAR organized by the North Maharashtra University, Jalgaon.
- Industrial and institutional visits are arranged to the students.
- Students motivate to participate in the quiz contest etc.
- Students are involved in the project work by the faculties.

### 3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.

There are two research guides are available in the institution. They are involved in guiding students for M. Phil. and Ph. D. There details are as under...

Sr. No.	Guide Name	Subject	Uni.	No. of Candidates			
				Ph. D.		M. Phil.	
				Ongoing	Completed	Ongoing	Completed
1	Dr. Y. V. Patil	Geography	NMU, Jalgaon	04	08	00	03
2	Dr. G. H. Sonawane	Chemistry	NMU, Jalgaon	08	00	00	00

Following faculty members are currently involved in the research project work

Sr. No.	Name of the faculty	Subject	Sponsoring Agency	Amount Sanctioned (Rs)
1.	Dr. Y. V. Patil	Geography	UGC, WRO Pune	1,65,000
2.	Dr. Y. V. Patil	Geography	NMU, Jalgaon	50,000
3.	Dr. G. H. Sonawane	Chemistry	NMU, Jalgaon	70,000
4.	Smt. A. D. Mudawadkar	Chemistry	UGC, WRO Pune	3,45,000
5.	Dr. P. D. Patil	Geography	UGC, WRO Pune	1,85,000
6.	Mr. M. M. Bagale	Marathi	UGC, WRO Pune	1,25,000

Currently following faculty members have registered for Ph.D. in their respective subjects and their research work is under progress.

Sr. No.	Name of the Teacher	Faculty	Subject	Registration No.	Uni.
1	Mr. Sudhir B. Patil	MMS	Economics	NMU/11/PhD/Eco./25/2011	North Maharashtra University, Jalgaon.
2	Mr. S L. Makasare	MMS	History	NMU/11/PhD/His./291/2014	
3	Mr. A. B. Ahire	Arts	Hindi	NMU/11/PhD/Hin./26/2011	
4	Mr. M. B. Baviskar	Arts	English	NMU/11/PhD/Eng/23/2013	
5	Mr. S. K. Mahajan	Science	Geography	NMU/11/Ph.D./Geog./33/2013	
6	Mr. S. S. Patil	Science	Chemistry	NMU/11/Ph.D./Chem./35/2013	
7	Mr. R. A. Shelke	Science	Botany	NMU/11/Ph.D/Bot./03/2013	
8	Mr. C. M. Netkar	Science	Geography	NMU/11/Ph.D/Goeg./11/2013	
9	Smt. A. D. Mudawadkar	Science	Chemistry	NMU/11/Ph.D/chem./241/2011	
10	Mr. A. G. Patil	Science	Mathematics	NMU/11/Ph.D/Math./2012	
11	Mr. S. B. Patil	Science	Zoology	NMU/11/Ph.D./Zoo./114/2013	
12	Mr. N. B. Shirsath	Science	Physics	NMU/11/Ph.D/Phy./174/2013	
13	Mr. A. A. Bhandare	MMS	Economics	NMU/11/Ph.D./Eco./29/2011	
14	Mr. M. M. Bagale	Arts	Marathi	NMU/11.Ph.D/Mar./5/2012	
15	Mr. A. S. Waghmare	Science	Chemistry	NMU/11/Ph.D/Chem./7/2013	

### 3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.

Yes,

Institution has conducted workshop on “Techniques in Preparation on NET-SET Examination” which gives opportunity to get JRF. Also; institute arranges various guest lectures to motivate the staff and students in research activities.

Title of Workshop Organized	Funding agency	Date
State level Workshop on NET-SET Preparation Workshop	KVPS Arts Commerce and Science College Parola Dist Jalgaon	22 August 2011.
State level Workshop on Techniques in preparation of NET-SET Examinations in Chemistry	BCUD, North Maharashtra University Jalgaon	31 January 2013.
State level Workshop on Techniques in preparation of NET-SET Examinations in Chemistry	BCUD, North Maharashtra University Jalgaon	24-25 January 2014\
State level Workshop on Techniques in preparation of NET-SET Examinations in Chemistry	BCUD, North Maharashtra University Jalgaon	6-7 February 2015

**3.1.7 Provide details of prioritized research areas and the expertise available with the institution.**

Sr.No.	Name of Expert	Department	Research Areas
1	Dr. Y. V. Patil	Geography	Geomorphology, Tourism, Settlement, Population, Agricultural Geography.
2	Dr. G. H. Sonawane	Chemistry	Nano Technology, Surfactants.

**3.1.8 Enumerate the efforts of the institution in attracting researchers of eminence to visit the campus and interact with teachers and students?**

Following eminent personalities have been invited by the institution for the interaction with teachers and students.

Sr. No	Name	Designation	Institution	Topic/Subject
1	Dr. G. S. Rashinkar	Associate Professor	Shivaji University Kolhapur	Chemistry
2	Dr. Chagan Tele	Rtd. Sr. Scientist	Arts and Science College, Thalner Dist. Dhule	Chemistry
3	Dr. Shirish H. Sonawane	Associate Professor	Department of Chemical Technology, National Institute of Technology, Warangal (AP)	Chemical Technology
4	Dr. P. P. Mahulikar	Director & Professor	School of Chemical Sciences, NMU, Jalgaon	Chemistry
5	Mr. Prashant Patil	Assistant Professor	SSVPS Science college, Dhule	Chemistry
6	Mr. Anandsing Patil	Assistant Professor	Arts Commerce and Science college, Navapur, DistNandurbar	Chemistry
7	Dr. U. D. Patil	Assistant Professor	School of Chemical Sciences, NMU, Jalgaon	Chemistry
8	Dr. R. J. Boarse	Associate Professor	SSVPS Science college, Dhule	Geography
9	Mr. B. T. Patil	Associate Professor	School of Environmental Sciences, NMU, Jalgaon	Geography
10	Dr. M. B. Chavan	Professor	Pratap College, Amalner	Geography
11	Prin. Dr. S. R. Chaudhary	Principal	Pratap College, Amalner	Geography
12	Mr. B. V. Deshmukh	Ret. Prof.	Pratap College, Amalner	Geography
13	Dr. B. V. Pawar	Dean, Faculty of Science,	NMU, Jalgaon	Physics, Chemistry, Maths
14	Dr. L A Patil	Professor	Pratap College, Amalner	Physcis
15	Dr. P. M. Vyavhare	Ret. Prof	Z.B. Patil College Dhule	Zoology



16	Dr. A. T. Kalse	Professor	Dept. of Zoology Rashtry College Chalisgaon	Zoology
17	Dr. P.S. Lohar	Professor	Dept. of Zoology A.S.C. College Chopda	Zoology
18	Dr. Fula Bagul	Associate Professor	SPDM College, Shirpur Dist. Dhule	Marathi
19	Mr. L. G. Sonawane	Associate Professor	S. G. Patil College, Sakri, Dist. Dhule	Marathi
20	Dr. Kailas Sarvekar	Professor	School of Languages NMU Jalgaon	Marathi
21	Mr. Liladhar Patil	Associate Professor	DEMS Arts College, Amalner, Dist. Jalgaon	Marathi
22	Dr. Madhav Kadam	Associate Professor	GTP College, Nadurbar.	Marathi
23	Dr. Anil Baisane,	Associate Professor,	Jai Hind College, Dhule	History
24	Dr. Madhukar V. Patil,	Professor	Principal, Arts college, Khapar, Dist. Nandurbar	History
25	Dr. Sanjay Patil	Assistant Professor	Arts college, Navalnager, Dist. Dhule	History
26	Dr. B.N. Patil,	Professor	Principal, M. M. College, Pachora	History
27	Dr. Dhekne	Associate Professor	Nutan Maratha College, Jalgaon	History
28	Dr. R. R. Attarde	Associate Professor	Arts, Commerce & Science College, Jamner.	History
29	Dr. P. D. Deore	Principal	S. G. Patil College, Sakri, Dist. Dhule	Political science
30	Mr. S.K.Patil	Associate Professor	Dept.of Economics, A.S.C College Chopda	Economics
31	Mr. N.V. Jadhav	Associate Professor	Pratap College, AmalnerDist.Jalgaon	Economics
32	Mr. S.K.Patil	Associate Professor	Dept.of Economics A.S.C College Chopda	Economics
33	Mr. H.D.Jadhav	Associate Professor	Pratap College, AmalnerDist.Jalgaon	Economics
34	Mr. S .K. Patil	Associate Professor	A.S.C college Chopda	Commerce
35	Prof. S. D. Jadhav	Assistant Professor	Pratap College Amalner	Commerce
36	Mr. Mukesh Chordiya	Chartered Accountant	Mukesh Chordiya and co.	Commerce

**3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?**

No faculty has utilized sabbatical leave for research activity.

### **3.1.10 Provide details of the initiatives taken up by the institution in creating awareness/advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)**

Research work carried out by the faculty members of the institution is greatly useful to the society. Soil and water testing facility is provided to the farmers.

## **3.2 Resource Mobilization for Research:**

### **3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.**

- Approximate 10-15 percent budget is being utilized every year for the research related activities in the institution to procure laboratory equipment's, glassware, chemicals, computers etc.

### **3.2.2 Is there a provision in the institution to provide seed money to the faculty for research? If so, specify the amount disbursed and the percentage of the faculty that has availed the facility in the last four years?**

- There is no provision to provide seed money to the faculty for the research.
- However, faculty members can get lump-sum amount sanctioned from the various funding agencies like UGC, DST etc. for their research projects.

### **3.2.3 What are the financial provisions made available to support student research projects by students?**

Our students are from rural area and hence are incapable of raising the funds. The college allows students to use internet facility free of cost. The college has a provision of fees and TA/DA for the students to participate in inter collegiate research based events like AVISHKAR, National conference etc.

### **3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.**

- At present there is no inter-disciplinary research work. However, the meeting of faculties/researchers is arranged from time to time to discuss developmental/research issues.

### **3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?**

Faculties and students have given freedom to use laboratories and instruments for their research work. Laboratories are made available even during vacation period for the faculties to do their research activities.

**3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If ‘yes’ give details.**

Nil

**3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organizations. Provide details of ongoing and completed projects and grants received during last four years.**

Sr. No.	Project Nature	Name of the faculty	Duration From - To	Title of the Project	Funding agency	Grant	
						Sanctioned	Received
1	Minor	Dr. A. T. Patil	2009-11	“Present Scenario of HIV/AIDS among different segment of population in Greater Mumbai”.	UGC	1,00,000	1,00,000
2	Minor	Dr. B. S. Bhadane	2009-11	“Studies on Ultrasonic and Clouding Behavior of Non-Ionic surface out”.	UGC	80,000	80,000
3	Minor	Mr. N. B. Patil	2009-11	“Problems and Prospects of Organic Farming in Dhule District”.	UGC	1,15,000	1,15,000
4	Minor	Dr. Y. V. Patil	2009-11	“Investigation of Potential Areas of Artificial Recharging Jalgaon District”.	UGC	1,35,000	1,35,000
5	Minor	Dr. G. H. Sonawane	2010-12	“A Combined Effect of Ultrasound Cavitation on Absorption Kinetics in Removal of Dyes Along with Bioad Sorbents”.	UGC	95,000	95,000
6	Minor	Dr. Smt. S. P. Chaudhary	2010-12	“Swatantrytar Hindi UpnyasomaiAdivasiChetana”	UGC	80,000	80,000
7	Minor	Mr. S.N. Shelar	2012-14	“Validation of Cloze test for Testing Reading Comprehension of Students at 12 Plus Level”	UGC	1,40,000	1,40,000
8	Minor	Dr. Y. V. Patil	2014-16	“Potentials and strategy for rural sites of Tourism Development in Dhule and Nandurbar District”	UGC	1,65,000	1,27,500
9	Minor	Dr. Y. V. Patil	2014-16	“A Geographical study of weekly market centres in Dhule and Nandurbar District (M.S.)”	NMU	50,000	27,500
10	Minor	Dr. P. D. Patil	2014-16	“Nutritional Pattern and Deficiency Diseases in Scheduled Caste and Scheduled Tribe Population of Jalgaon District, (M. S.)”.	UGC	1,85,000	1,37,500
11	Minor	Smt. A. D. Mudawdkar	2014-16	Studies on Thermodynamics of Micellization of anionic	UGC	3,45,000	2,62,500

				12 and non ionic surfactants in presence of organic additives using clouding phenomenon			
12	Minor	Dr. G. H. Sonawane	2015-17	Intensification of Degradation of Organic Dyes Using Sonochemical Reaction	NMU	70,000	55,000
13	Minor	Mr. M. M. Bagale	2015-17	Sanjay Pawar yanche natya vagmay ani badalte samaj vastav darshan	UGC	1,25,000	--

### 3.3 Research Facilities

#### 3.3.1 What are the research facilities available to the students and research scholars within the campus?

The facilities made available to the researchers and students are as under...

- Research guides
- Availability of well equipped research labs
- Sufficient number of reference books and journals
- Availability of computer facility with printer, scanner etc.
- Internet facility in the research laboratory
- Departmental library
- INFLIBNET connectivity

#### 3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

There are two recognized research labs in the institution. Both the laboratories have good facilities like internet connectivity, journals, reference books, latest instruments etc. This will facilitate the researchers to meet the needs.

#### 3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities? If 'yes' what are the instruments / facilities created during the last four years.

No, institution has not received any special grants or finance from the industry.

#### 3.3.4 What are the research facilities made available to the students and research scholars outside the campus / other research laboratories?

Nil

#### 3.3.5 Provide details on the library/ information resource center or any other facilities available specifically for the researchers?

The institution has NLIST-INFBLINET facility with all the faculty members have an account of this facility. Researchers can easily access the e-journals, books, published papers etc. using this facility.

**3.3.6 What are the collaborative research facilities developed/ created by the research institutes in the college? For ex. Laboratories, library, instruments, computers, new technology etc.**

Nil

### **3.4 Research Publications and Awards**

**3.4.1 Highlight the major research achievements of the staff and students in terms of**

➤ **Patents obtained and filed (process and product)**

Nil

➤ **Original research contributing to product improvement**

Nil

➤ **Research studies or surveys benefiting the community or improving the services**

Following faculty member have conducted surveys which are benefiting the community or improving the services.

**Dr. Y. V. Patil:** In the field of geomorphology, he has been identified development of bad land along Tapi river in Jalgaon district in his Ph. D. research work.

**Dr. R. S. Patil:** He has identified nineteen aquatic fungi in the Jalgaon district which are new to India.

**Dr. N.H. Desale:** In his research work he study the Raptorial birds which are useful in Environmental cleanness.

**Dr. B. S. Bhadane:** In his research work he has identified metal concentration in milk. In the Surat distict.

**Dr. A. A. Patil:** In his research work he carried out the contribution made by Member of Parliament in the Khandesh region.

**Dr. B. T. Patil:** He has studied the history of Bhosla of Nagpur in the context of social and economic relevance during their period.

**Dr. S. P. Chaudhary:**

**Dr. P. D. Patil:** Has carried out survey for his research of the scheduled caste and scheduled tribe population regarding availability and consumption pattern of food stuffs and nutrients.

#### **Research inputs contributing to new initiatives and social development**

**Dr. G. H. Sonawane:** He developed low cost methods for removal of organic moieties from dyeing and textile industries, using agro waste materials. He has developed new methods of degradation of organic dyes using nano materials.

**Dr. P. D. Patil:** He has done his research in the field of health and nutrition of scheduled caste and scheduled tribe population. In his study he measured the nutrients consumed and nutritional diseases prevailed among these communities. To improve the health status this study will be helpful to the development of these communities.

**Dr. P. P. Patil:** Through his research work, he contributed in the field of stress physiology. He obtained salt stress tolerance transgenic plants by inserting salt tolerance gene and characterized them on saline soil.

**Dr. Dipak Salunkhe:** In his research work he synthesized metal chalcogenide quantum dots (particle size below 10 nm) on TiO<sub>2</sub> for solar cell application. Although the efficiency is low, in future this type of solar cell will be available in the market as a low cost colorful solar cell as an alternative for conventional silicon solar cell.

#### **3.4.2 Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?**

Nil

#### **3.4.3 Give details of publications by the faculty and students: Number of papers published by faculty and students in peer reviewed journals (National / International) Publication per faculty.**

##### **1. Prin. Dr. Y. V. Patil:**

- i. **Patil Y.V., Bachhav N.B. (2009):** "Pomegranate Cultivation in Nashik District – A Cause & Concentration Analysis", Maharashtra Bhugolshastra Sanshodhan Patrika, Vol.XXV (1):62-72.
- ii. **Patil Y.V., Borse R.J. (2009):** "Water Supply and Water Quality in Jalgaon City – A Microlevel Appraisal" Research Link, Vol. VII (11):77-79.
- iii. **Patil Y.V., Saindane M.M. (2010):** "Impact of Geographical Factors on Place names of Nandurbar District", Research Link-70 Vol.VIII (2), pp.67-69.

- iv. **Patil, Y.V., Saindane M.M. (2010):** “A Study of Relief and Settlement Distribution of Nandurbar District” , Research Link - 75 Vol. IX(14) June-10 pp.85-87.
- v. **Patil Y.V., Gorane S.C. (2012):** “Delineation of Ground Water Potential Zones Using Remote Sensing and GIS Techniques – A Case Study of Arunavati Basin in M.S”.*Vasundhara* Vol.1 No.1 pp.17-22.
- vi. **Patil Y.V., Jangale Pradnya, Girase B.N. (2012):** “Geomorphic study of the Arunavati Basin - A Case Study” *Vasundhara* Vol.1 No.1, pp.30-32.
- vii. **Patil, Y.V. Shelar S.N. (2012):** “Gandhi and Nehru-Difference of Social outlooks” *Vasundhara*, Vol.1, No. 1 pp.38-41.
- viii. **Patil Y.V. Jangale Pradnya (2012):** “Use of Remote sensing and GIS in Identification of Sites for recharge of Ground Water in Northern Buldhana District” *Vasundhara*, Vol.1, No.1, pp.49-53.
- ix. **Patil Y. V., Bachhav N. B. (2014):** “Geo spatial analysis of growth trends in Pomegranate farming of India - A two decade profile”. *Indian journal of research studies in pure and applied science*. Vol. II, issue -3, pp. 14-19.

## 2. **Dr. A. A. Patil**

- i. **A A Patil, (2012),** Shri. M. K. Patil (Ex.M.P.) Yanche Sansadatil Yogdan, *Shodhankan Prathmesh Pub. Ahmednagar* Vol 2.
- ii. **A A Patil, (2015),** 1914 chya loksabha Nivadnuka vishlesion va parinam, *Vichar Mantan*, Vol 2 PP13.

## 3. **Dr. G. H. Sonawane**

- i. **Sonawane, G.H. and Shrivastava, V.S., (2009),** Removal of basic dye (Methylene blue) from aqueous solution by adsorption using *Musa paradisica*: An agricultural waste, *J. of Envir. Sci. and Engg. (CSIR)*, **51(1)**, 45-52.
- ii. **Sonawane, G.H. and Shrivastava, V.S., (2009),** “Kinetics of decolorization of Malachite green in aqueous solution by maize cob (*Zea maize*): an agricultural solid waste,” *Desalination*, **247**, 430-441.
- iii. **Sonawane, G.H. and Shrivastava, V.S., (2009),** “Removal of basic dye from aqueous medium using a novel agricultural waste material: *Gossypium arboreum* stem,” *Asian J. of Chem. Envir. Res.*, **2(6)**, 126-130.
- iv. **Sonawane, G.H. and Shrivastava, V.S., (2010),** Ground water quality assessment nearer to the dye user industry, *Archives of Applied Science Research*.
- v. **Sonawane, G.H. Shrivastava, V.S. and Gupta V.K., (2010),** Studies on drinking water quality of groundwater of Auraiya district (U.P.), *J. Applied Chemical Research*, **14**, 27-36.
- vi. **Sonawane, G.H. Shrivastava, V.S., (2011),** Removal of hazardous dye from synthetic textile dyeing and printing effluents by on *Archishypogea* Lshell: a low cost agro waste material, *Desalination and Water Treatment*, **29**, 29-38.



- vii. **Sonawane, G.H. and Shrivastava, V.S., (2011),** "Orange-II removal from simulated wastewater by adsorption using *Annonasquamosa* shell: A kinetic and equilibrium studies," *Desalination and Water Treatment*, 36, 1-9.
- viii. **Sonawane, G.H., Patil B.B., Shrivastava. V.S.,(2011),** "Metallic's in industrial wastewater in GIDC Ankleshwar (Gujarat) - A statistical approach," *Asian J. of Chem. Envir. Res.*, 4(2),43-49.
- ix. **Sonawane, G.H., Mudawadkar A. D., Patil T. J., (2013),** "Thermodynamics of micellization of nonionic surfactant Triton-X-100 in presence of additive Poly-N-vinyl-Pyrrolidone using clouding phenomenon," *Oriental J Chemistry*, 29(1), 227-233.
- x. **Sonawane, G.H., Mudawadkar A. D., Patil T. J., (2013),** "Influence of water soluble polymer Poly vinyl alcohol (PVA) on the micellar behavior of nonionic surfactant Triton-X-100 – Thermodynamics and clouding approach," *J of Applicable Chemistry*, 2(5), 1155-1163.
- xi. **Sonawane, G.H., Patil S. P. and Shrivastava, V.S., (2013),** *Asian J. of Chem. Envir. Res.*, 6(1-2), 40-45.
- xii. **Sonawane, G.H., Mudawadkar A. D., Patil T. J., (2014),** "Thermodynamics of clouding behavior of nonionic surfactant polyoxyethylene(10)cetyl ether (Brij56) with and without nonpolar additives" *Chemical Science Review and Letters*, 3(12), 962-969.
- xiii. **Sonawane, G.H., Mahajan V. K. (2014),** "Detection of organics from industrial effluents of Ankleshwar region (Gujrat)", *Asian J. of Chem. Envir. Res.* **7(1-4)**,34-40.
- xiv. **Sonawane, G.H., Patil S. P. and Shrivastava, V.S., (2014),** "Photocatalytic degradation of Rhodamine 6G using ZnO-montmorillonitenanocomposites: a kinetic approach" *Desalination and Water Treatment, DWT* 15931-8.
- xv. **Sonawane, G.H., A.D. Kakuste, M. S. Borse,** "Effect of Polyacrylic acid and Polyacrylamide on clouding behavior of Triton-X-100 in aqueous medium." *Tenside Surfactant and Detergents*, **52(1)**, 62-65.
- xvi. **Sonawane, G.H., Bhadane B.S., Mudawadkar A. D., Patil A. M., (2015),** "A combined effect of ultrasound cavitation on adsorption kinetics in removal of 4-[(4-dimethyl amino phenyl) phenyl-methyl]-N, N-dimethyl aniline along with bio adsorbent." *Chemical and Bioprocess Engineering Trends and Developments*, **34**, 370-388.
- xvii. **Sonawane, G.H., Mudawadkar A. D., Patil T. J., (2015),** "Micellization of anionic surfactant sodium dodecyl sulfate in presence of additive urea and acetamide in aqueous medium using clouding phenomenon" *J of Chemical and Pharmaceutical Research*, **7(6)**, 331-338.
- xviii. **Sonawane, G.H., A.D. Kakuste, M. S. Borse, (2015),** "Cloud point and Thermodynamic properties of non ionic surfactant Triton-X-100 in presence of various organic and inorganic salts, " *J of Chemical and Pharmaceutical Research*, 7(5) 1193-1198.



- xix. **Sonawane G. H., Labhane P. K. Huse V. R., (2015),** “Cu<sub>x</sub>Zn<sub>1-x</sub>O Nanocrystal Structural Study and Photocatalytic Application” *International J of Researches in Biosciences, Agriculture and Technology*, **1**, 267-274.
- xx. **Sonawane, G.H., Labhane P K, Huse V R., L.B. Patle, A. L. Chudhari, (2015),** “Synthesis of Cu doped ZnO Nanoparticles : Crystallographic optical FTIR, Morphological and Photocatalytic study,” *J Materials Science and Chemical Engineering*, **3**(7), 39-51.
- xxi. **Sonawane G. H. Shrivastava, V.S Patil Sandip S. (2015),** Synthesis of nano ZnS thin films by chemical bath deposition method and its application for the removal of Victoria blue dye, *Der Chemica Sinica*, **6**(8):25-29,.
- xxii. **Sonawane G. H., Vilas K Mahajan, (2015)** Improved Photocatalytic Activity of CeO<sub>2</sub> Coupling Ultrasound, for Eosin-Y Degradation, *J of Applicable Chemistry*, **4**(5), 1500-1506.
- xxiii. **Sonawane, G.H., Patil S. P., Shrivastava, V.S. and Sonawane S. H. (2015)** Synthesis of novel Bi<sub>2</sub>O<sub>3</sub>-montmorillonite nanocomposite with enhanced photocatalytic performance in dye degradation, *Journal of Environmental Chemical Engineering (Elsevier)*, **3**, 2597-2603.
- xxiv. **Sonawane G. H. Patil Sandip S., Shrivastava, V.S. (2016), Bhaskar Bethi, Sonawane S. H .,** Efficient adsorption and photocatalytic degradation of Rhodamine B dye over Bi<sub>2</sub>O<sub>3</sub>-bentonite nanocomposites: a kinetic study, *J of Industrial and Engineering Chemistry (Elsevier)*, **34**, 356-363
- xxv. **Sonawane, G.H., Patil B.B., Shrivastava. V.S. (2015), (Communicated)** Screening analysis of volatile organic contaminants in industrial wastewater of GIDC Ankleshwar, Gujarat industrial area. *Journal of Environmental Management*.
- xxvi. **Sonawane G. H., Vilas K Mahajan, Sonawane S. H., (2015) (Communicated),** “Degradation of 3,7-bis(Dimethyl amino)-phenothiazine-5-ium chloride in aqueous solution by” *Ultrasonics*,

#### **4. Dr. B. S. Bhadane**

- i. **B. S. Bhadane and T. J. Patil, (2009).** Influence of amino-acid on micellar behavior of nonionic surfactant in aqueous medium, *Oriental Journal of Chemistry*, **25**(1) 253-256.
- ii. **B. S. Bhadane and T. J. Patil, (2010),** Thermodynamics of Clouding behaviour of polyoxyethylene(20)cetyl ether(Brij-58) with amino-acids glycine and serine, *Asian Journal of Chemistry* **22**(2), 1067-1072
- iii. **B. S .Bhadane and T. J. Patil, (2010),** Micellization studies on binary mixture of methionine with polyoxyethylene(10)cetyl ether (Brij-56) and polyoxyethylene (20) cetyl ether (Brij-58), *E-Journal of Chemistry* **7**(4), 1578-1583

#### 5. Dr. R. S. Patil

- i. **B D Borse, R S Zatil, (2013)**, Heliomyces aeroaqatic Hyphomycetes From J'lgaon, *Journal of Science Information*, Vol. 7, pp 108-112
- ii. **R S Patil, (2013)**, Heliomyces torquatus, Aqtatic Hyphomycetes from Jalgaon (MS), *Journal of Science Information*, Vol&7,pp 93-95.

#### 6. Dr. N. H. Desale

- i. **Desale N. H., Vyawahare P. M., and Borale R. P (2009)**, "Estimation of Lipid In the Liver, Muscle and Gonads of Milvus Migrans Govinda (SYKES) During Breeding and Non Breeding Phases" J. Adv. Science and Technology, Vol. 12(I & II), June-Dec. 2009, 193-196.

#### 7. Dr. B. T. Patil

- i. **B. T. Patil (2011)**, Parola Talukyaahe Swatantra Andolanat Yogdan, *Prathamesh, Ahmadnagar*
- ii. **B. T. Patil (2011)**, Purv"Khandeshatil Esahakar"Khalwal, *Atharva Pqblcation, Dhudâ*
- iii. **B. T. Patil (2011)**, Sawinay Kaydebhang Chalwalit Amalner Talukyatil Jansamuhache Yogdan, Mahatma Phule Housing Soc., *Kandhar, Dist. Nanded*
- iv. **B. T. Pctil, (2011)**, Purv Khandeshatil Bhumigat Chalwal- *Atharva PuBlication, Dhule.*
- v. **B. T. Patil"** Purv Khindeshatil Chalejav Chalwal, *Qtharva Publication( Dhule.*
- vi. **B. T. Patil (2012)**, Nagpurkar Bhosamyanchyc RajyAtél Gramin Dev-Devtancha Aitihāsik Abhyas , *Atharva Publication, Dhule.*
- vii. **B. T. Patil (2013)** Nagpurkar Bhosalyanchy` Rajyatil Striyanchya Sôjīticha Aitihāsik Abhyas,!*Aruna Publicat)ons, Latur*

#### 8. Dr. Savita P. Chaudhari

- i. **S. P. Chaudhari, (2011)** "Shashiprabha Shastri ke upanyasome badalte pravah" Uttarshatika hindi sahitya Dr, Krishna Potdar.Vidya Prakashan, Kanpur, 83-87, 81-88554-90-1
- ii. **S. P. Chaudhari, (2012)** "Hindi dalit sahitya me nari dharti dhan na apna ke vishesh sandhabha me" Sanjay Baviskar Prashant publication, 9-14, 978-93-81546-35-2.
- iii. **S. P. Chaudhari, (2011)** "Agyey ke upnyason ka samajik chitran, Agyey Sahitya aur chintan Dr. Namdeo Jasud Atul Prakashn, Kanpur, 26-35. 978-93-80760-08-07.
- iv. **S P Chaudhari, (2012)** "Dhar Upanyas me chitit adivasi samaj jeevan, Samkalin hindi upanyasome adivasi vimarsh Dr. Shivaji Deore Vidya Prakashn Kanpur, 159-162. 978-93-81555.

- v. **S. P. Chaudhari, (2012)** “Nari ke astitva ki talash: Ab kuch mat kaho, Pratham Dashk ke mahila lekhan me srivimarsh Dr. Mrudula Verma Vidya Prakashn Kanpur, 193-198, 978-93-81-555-29-3.
- vi. **S P Chaudhari, (2011)** “Sathottari hindi Natak, Sathottari hindi Natak Vidya Prakashn Kanpur 01-200. 978-93-81555-07-1
- vii. **S. P. Chaudhari, (2011)** “Rashtra Bhasha Hindi Vishwa Patal Par” Navnikash Dr. Laxmikant Pandey, Kanpur 0975-0827.
- viii. **S. P. Chaudhari, (2012)** “Vividha samsyaonse Juzati Nari ki mansikta ka chitran: Natko ke vishes sandarbham”, Shodhankan- Prathmesh publication Ahmednagar 22-50-0383.
- ix. **S. P. Chaudhari, (2012)** “Nari Jivan ki trasadi ka dastaveg : Almakabutari, Pleytinam- Atharva publication, Jalgaon 22-50-0383.
- x. **S. P. Chaudhari, (2012)** “Adhunik bharatiya parivesh sri-bhrunhatya ke vishesh sandarbham, Discourse analysis: Dr. S. P. Zanke, Jalgaon 2231-4466.
- xi. **S. P. Chaudhari, (2013)** “An Honor Killing: Ek Samajik Kalank, Lokanayak: Prof. Santoshkumar Gajale. Yavatmal 2278-4284.
- xii. **S. P. Chaudhari, (2013)** “Hindi sahitya me sri- darshan, Loknayak: Prof. Santoshkumar Gajale, Yavatmal (MS) 2278-4284.
- xiii. **S. P. Chaudhari, (2013)** “Maitrei Pushpa ke Anchlik katha Sahitya me sri-vimarsh, Satthottari hindi kathasanitya : Sri-vimarsha. Shanti publication: Rohtak – Hriyana(Book) 978-93-5070-025-9.
- xiv. **S. P. Chaudhari, (2013)** “Nadi ke dwip me manviy sangharsh' Gadyakar Agyey Tatha Unaki Rachana Dharmita 2<sup>nd</sup> Ediation. Dr.Satish Yadav. Yash Publications, Dehli 978-93-83237-08-1.
- xv. **S. P. Chaudhari, (2013)** “Rashtrebhasha Hindi Kitni Sahi Kitni Prerak” Shaileja Prakashan, Kanpur, 978-93-80788-24-1 pp 38-46
- xvi. **S. P. Chaudhari, (2013)** “Ikkiswi Sadi ke Sahitya me Srivimarsh”, Power of Knowledge, 2320-4494- pp 80-83.

## **9. Mr. C. M. Netkar**

- i. **C. M. Netkar, L P Sandanshiv, (2014),** “A Geographisal rtudy of agrī service centers in Parola Tahasil of Jalgaon District”, *Golden Research Thoughts*, 3 1-7.

**10. Mr. M. B. Baviskar**

- i. **M. B. Baviskar, (2015)** “The Longing for Home in V.S.Jaipaul’s A House for Mr. Biswas”, *Indian Writing in English New Critical Approaches*, pp112
- ii. **M. B. Baviskar (2015)**, “Dr. Ambedkar’s education philosophy : An avenue of Liberation towards humanism”, *Discourse Analysis* Vol. 5 pp 10

**11. Mr. A. G. Patil**

- i. **A. G. Patil, R. Tatel, M.G.Timol, J.N. Salunkhe (2014)**, “Similarity solution of MJD boundary layer equation of power law fluids past continuously moving surface by general group transformation”, *International e-Journal for education and mathematics*, Vol. 03, Issue 06 PP 13-18.
- ii. **A. G. Patil, M.S. Chandra, M.G.Timol, J.N. Salunkhe, (2015)**, “General group transformation method for the Blasius boundary layer equation with suction and injection”, *International e-Journal for education and mathematics*, Vol. 04, Issue 01 PP 11-22.

**12. Smt. A. D. Mudawadkar**

- i. **Sonawane, G.H., Mudawadkar A. D., Patil T. J., (2013)**, “Thermodynamics of micellization of nonionic surfactant Triton-X-100 in presence of additive Poly-N-vinyl-Pyrrolidone using clouding phenomenon”, *Oriental J Chemistry*, 29(1), 227-233.
- ii. **Sonawane, G.H., Mudawadkar A. D., Patil T. J., (2013)**, “Influence of water soluble polymer Poly vinyl alcohol (PVA) on the micellar behavior of nonionic surfactant Triton-X-100 – Thermodynamics and clouding approach”, *J of Applicable Chemistry*, 2(5), 1155-1163 (2013)
- iii. **Anita Mudawadkar, Gunvant Sonawane and Tryambak Patil (2014)**, “Thermodynamic of Clouding Behavior of Non-ionic Surfactant, Polyoxyethylene (10) Cetyl Ether (Brij-56) With and Without Non-polar Additives”, *Chemical Science Review and Letters*, 3(12), 962-969.
- iv. **Anita D. Mudawadkar, Gunvant H. Sonawane and T. J. Patil (2015)**, “Micellization of anionic surfactant-sodium dodecyl sulfate in presence of additive urea and acetamide in aqueous medium using clouding phenomenon”, *Journal of Chemical and Pharmaceutical Research*, 7(6):331-338.
- v. **Mudawadkar Anita D. Patil T. J. (2015)**, “The Micellar properties of benzyldimethyldodecylammonium bromide in aqueous Non polar Organic additives”, *Journal of applicable Chemistry*- 4/5(1)/2016
- vi. **Mudawadkar Anita D. Patil T. J. (2015)**, “Conductometric studies of micellization of sodium dodecyl sulfate in presence of non-polar additives at various temperatures”, *Journal of Chemical science Transactions*, Volume-5, 2016.

### 13. Mr. M. M. Bagale

- i. **M. M. Bagale (2013)**, Dalit Sahitya Prashna, Samsya ani Bhavishya, International conference proceedings, 978-93-82504-023.
- ii. **M. M. Bagale (2014)**, Jaywant Dalvi yanchi Manvi Manacha Anterved Ghenari Natke, National conference proceedings, ISBN 978-93-82504-50-4
- iii. **M. M. Bagale (2014)**, Sanjay Pawar Yanchya Flying Queens Ekankiketil Stri Jivan, State level conference proceedings, ISBN 978-93825286-9
- iv. **M. M. Bagale (2014)**, Kon Mhant Takka Dila Natkatil samajwastav, *Saksham Samiksha*, pp 73-75.
- v. **M. M. Bagale (2014)**, Jagtikikaran ani Sadanand Deshmukh Yanche Gramin Sahitya, National level conference proceedings, ISBN 978-93-85019-26-5.
- vi. **M. M. Bagale (2015)**, Sadanand Deshmukh Yanchya Kadambritil Gramjeevan, International level conference proceedings, ISBN 978-93-85021-16-9.
- vii. **M. M. Bagale (2015)**, Datta Bhagat Yanchya Natyalikhanavar Fule Ambedkari Vicharancha Prabhav, Discourse Analysis International Journal Vol. 5 No. 2 ISSN 2231-4466.

### 14. Dr. P. P. Patil

- i. **ii. Patil P P**, Ajungla L, Barmukh RB Nikam TD (2009) Influence of biotic and abiotic elicitors on accumulation of hyoscyamine and Scopolamine in root cultures of *Datura metel* L. Indian Journal of Biotechnology, 8: 317-322.
- iii. **Patil P P**, Ghane SG, Barmukh RB, Teixeira da Silva, Nikam TD (2010) Differential Response of Niger (*Guizotia abyssinica* Cass.) Cultivars to Salinity Stress in Relation to Seed Germination, Oxidative Stress, Osmotic Adjustment and Antioxidant Enzyme Activities. *Plant stress*, 4 (1) 56-63.

### 15. Dr. P. D. Patil

- i. **P. D. Patil, K. S. Nile & M. B. Chavan (2014)**: “Availability of food stuff and Nutritional & Caloric Density in Yawal Tehsil Dist. Jalgaon (M.S.)” *ACME International Journal of Multidisciplinary Research*. Vol. II, Issue II, February 2014, page 88-93, ISSN 2320-236X.
- ii. **P. D. Patil, & M. B. Chavan (2014)**: “Disparities in food security among the tribal and nontribal population in Yawal tehsil dist. Jalgaon (M.S.)” *International Multidisciplinary Research Journal Golden Research Thought*, Volume-4, Issue-2, Aug-2014, page 01-04. IF 2.2052(UMF) ISSN 2231-5063

### 16. Dr. Dipak B. Salunkhe

- i. **P K. Baviskar, D B Salunkhe and B R SankapAl, (2010)**, “Photoelectrochemiāal characterizations of ZnO based dye-sensitized solar cell”, *Journal of Scientific Review*, 2 96-100.

- ii. **P K Baviskar, D B Salunkhe and B R Sankipal, (2010)**, “Synthesis and characterization of AgI thin films at low temperature”, *Journal of Alloys & Compounds*, 506 268-270
  - iii. **B R Sankapal, D B salunkhe, R D Ladhe, P K Baviskar Vinaù Gupta, and S Chand, (2011)**, “Room temperature chemical synthesis of highly oriented PbSe nanotubes based on negative free energy of formation”, *Journal of Alloys & Compounds*, 509 10066– 10069.
  - iv. **D B Salunkhe, D P Dubal, W B Kim B R Sankapal, (2012)**, “Sb<sub>2</sub>S<sub>3</sub> nanoparticles through solution chemistry on mesoporous TiO<sub>2</sub> for solar cell application”, *Chemical Physics Letter*, 554 150–154.
  - v. **D B Salunkhe, D P Dubal, J V Sali, B R Sankapal, (2015)**, “Linker free synthesis of TiO<sub>2</sub>/Bi<sub>2</sub>S<sub>3</sub> heterostructure towards solar cell application: Facile Chemical routes”, *Materials Science in Semiconductor Processing*, 30 335-342
  - vi. **D B Salunkhe, D P Dubal, J V Sali, B R Sankapal, (2015)**, “Room Temperature Linker Free Growth of CdSe Quantum Dots on Mesoporous TiO<sub>2</sub>: Solar cell Application”, *Ceramics International*, 41 33940-3946.
- **Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directopy, DBSCO host, etc.)**
  - **Monographs**
  - **Chapter in Books**
1. **Dr. Y. V. Patil.**
    - Paryavaran Abhyas" - Aksharlain Prakashan, Solapur, (2006).
    - Geography VI Std. Maharashtra State Bureau of Textbook Production and Curriculum Research Pune-4 (2007)
  2. **Dr. G. H. Sonawane (2015):** A combined effect of ultrasound cavitations on adsorption kinetics in removal of 4-[(4-dimethyl amino phenyl) phenyl-methyl]- N, N-dimethyl aniline along with bio adsorbent. Chemical Bioprocess Engineering Trends and Developments, Apple Academic Press, ISBN 34, 370-390
  3. **Dr. B. S. Bhadane (2015):** A combined effect of ultrasound cavitations on adsorption kinetics in removal of 4-[(4-dimethyl amino phenyl) phenyl-methyl]- N, N-dimethyl aniline along with bio adsorbent. Chemical Bioprocess Engineering Trends and Developments, Apple Academic Press, ISBN 34, 370-390
  4. **Smt. A. D. Mudavadkar (2015):** A combined effect of ultrasound cavitation's on adsorption kinetics in removal of 4-[(4-dimethyl amino phenyl) phenyl-methyl] - N, N-dimethyl aniline along with bio adsorbent. Chemical Bioprocess Engineering Trends and Developments, Apple Academic Press, ISBN 34, 370-390

#### **Books Edited**

- **Books with ISBN/ISSN numbers with details of publishers:** as under....
- **Dr. Y. V. Patil,**
  - i. “Paryavaran Abhyas” Atharv Publication, Jalgaon 2014, ISBN- 978-93-82795-698.
  - ii. “Geomorphology and Settlement in Dhule District M.S.” Publication Research Express, Latur 2015. ISBN- 978-81-930536-5-2.
- **Dr. P. N. Purkar**
  - i. Secretarial Practice, Himalaya Publication, Mumbai 2007.
  - ii. Co-operative and Microfinance, Prashant Publication, 2015.
- **Dr. A. A. Patil,**
  - “Khandesh Lok Sabha Pratinidhi” Edition 1<sup>st</sup>, Prashant Publication, Jalgaon, 2015
- **Dr. G. H. Sonawane,**
  - i. T. Y. B. Sc. Semester –I, Analytical Chemistry, Vrinda Publications, Jalgaon, ISBN - 81-7815-004-2, June, 2009.
  - ii. T. Y. B. Sc. Semester –II, Analytical Chemistry, Vrinda Publications, Jalgaon, ISBN - 81-7815-069-7, June, 2009
  - iii. F. Y. B. Sc. Practical Chemistry Vrinda Publications, Jalgaon ISBN 81-7815-017- - June, 2012.
  - iv. S. Y. B. Sc. Practical Chemistry Vrinda Publications, Jalgaon, ISBN - 81-7815-004-, June, 2013
  - v. S. Y. B. Sc. Practical Chemistry Vrinda Publications, Jalgaon, ISBN - , June, 2014
  - vi. S. Y. B. Sc. Organic and Analytical Chemistry, Semester II Paper II, Vrinda Publications, Jalgaon, ISBN 978-81-930562-7-1.
- **Mr. A. G. Patil:**
  - i. Computational Mathematics, Mathematics MTH 123(B), Vrinda publication, Jalgaon 2012.
  - ii. Differential Equations And Numerical Methods, Mathematics MTH 242(B) Vrinda Publication, Jalgaon 2013.
  - iii. Topics in Differential Equations, Mathematics MTH 242(A), Vrinda Publication, Jalgaon 2013.
- **Dr. Savita P. Chaudhari,**
  - i. “Sathottari hindi Natak” Vidya Prakashn, Kanpur 978-93-81555 07-1



- ii. “Adhunik Gadya M.A. First year”, Institute of distance Education and learning. NMU, Jalgaon, 978-81-923014-2-6

- **Citation Index**
- **SNIP**
- **SJR**
- **Impect vactor**
- **h-index**

**Dr. G. H. Sonawane**

Journal Name	SNIP	SJR	Impact factor
Desalination	2.145	1.761	3.765
Desalination and water treatment	--	0.433	1.173
Oriental Journal of Chemistry	0.578	0.270	0.479
Tenside Surfactant and Detergents	0.359	0.240	0.981
J. of Industrial & Engineering Chemistry	1.400	0.815	3.512
J of Environmental Chemical Engineering	1.054	0.520	--

**Dr. Diapk B. Saiunkhe**

Journal Name	SNIP	SJR	Impact factor	h-kndex	Civation index
Chemical Physics Letter	0.756	0.691	2.33	3	21
Jourfal of Alloys & Kompnunds	1.642	1.09	2.99		
Journal of Scientific Review	--	--	--		
Materials Science in Semiconductor Processing	1.020	0.533	1.95		
Ceramics International	1.631	0.835	2.60		

**3.4.4 Provide details (if any) of Research awards received by the faculty**

**1, Dr. Y. V. Patil**

- i. **Adarash Bhoogolshastra Adhyapak Purskar 2007:** Maharashtra Bhoogolshastra Parishad, Pune.
- ii. **Fellow of ‘The Royal Geographical Society, London’** 2014.
- iii. **Fellow of ‘Indian National Cartographic Association Hyderabad’** 2010.

**2. Dr. G. H. Sonawane**



- i. **Young Scientist Award-2007**”: By Indian Council of Chemist in 26th National Conference held at Dr. H. S. Gour University, Sagar (M.P.) during 26 to 28 Feb. 2008 for Best Research Paper.
- ii. **1st Prize of Best Oral Research Paper Award** : International Level Conference on Green Chemistry and Environmental Pollution (GCEP-2010), held at S.S.V.P.S's L.K. Dr. P. R. Ghogrey Science College, Dhule (M.S.) 16-17 January 2010
- iii. **2nd Prize of Best Oral Research Paper Award**: International Level Conference on Biodiversity and Environmental Crisis- Past, Present and Future (ICBEC-2011), S.S.V.P.S L.K. Dr P. R. Ghogrey Science College, Dhule (MS), 11 to 13 February 2011.
- iv. **1st Prize of Best Oral Research Paper Award**: 5<sup>th</sup> National Conference on Recent Advances in Chemo and Bio Sciences (RACBS-2015) Jointly organized by M J College, Jalgaon and Post Graduate College of Science, Technology and Research, Jalgaon on 23-24 January 2015.

### 3. Dr. Diapk Bharat Salunkhe

- i. **First prize poster presentation** National conference on “Indian development in recent and ideal semiconductors for novel applications” held at Navapur (MS)
- ii. **Second prize poster presentation** National conference on “Advance Materials and its applications” held at Dondicha (MS) India, during 1st and 2nd February 2013.

#### 3.4.5 Recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally.

Nil

#### 3.4.6 Incentives given to faculty for receiving state, national and international recognitions for research contributions.

Nil

### 3.5 Consultancy

#### 3.5.1 Give details of the systems and strategies for establishing institute-industry interface?

- Services are hired for skill based training to the B. Voc. courses of soil - water conservation and software development. MOUs has been signed with the IMR, Jalgaon JALSRI, Jalgaon for skill based training.
- Our institution is making possible efforts to establish interface with industry.
- Field visits, industrial visits and study tours are arranged every year to establish college -industry interface.

**3.5.2 What is the stated policy of the institution to promote consultancy? How is the available expertise advocated and publicized?**

- At present there is no policy of the institution to promote consultancy.

**3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?**

- Faculties can offer consultancy on volunteer basis. Institutional infrastructure facilities are available to the faculties if they want to provide consultancy services.

**3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years.**

- Our institution provides consultancy service to the farmers of Soil and Water testing.
- This consultancy service is free of cost provided by the institution to the farmers.
- Therefore no revenue is generated for the service provided.
- Students of B.Voc. Software Development are developing a website of 'Sankalp Foundation', Parola and 'Shilpi Guru Chotu Jade' Parola. This work has been done by the institution on free of cost basis.

**3.5.5 What is the policy of the institution in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?**

- Nil

## **3.6 Extension Activities and Institutional Social Responsibility (ISR)**

**3.6.1 How does the institution promote institution-neighborhood- community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?**

Our institution conducted various activities to promote the neighborhood community network and students engaged to good citizenship, service orientation and holistic development. Some are listed below

- Special winter camp for NSS volunteers
- NCC camp
- Arrangement of 'Blood Donation Camp'
- Arrangement of 'Red Ribbon' programme for AIDS awareness.
- Supporting work in Pulse Polio Campaign.
- Aware about Traffic in Road Safety Week.
- Gender Equality Campaign.

### **3.6.2 What is the Institutional mechanism to track student's involvement in various social movements / activities which promote citizenship roles?**

The college has two important units to promote citizenship role namely NCC and NSS for the involvement of students in various social movements, activities etc. NCC students are selected on the basis of their physical fitness test. While the NSS students are selected on their willingness and interest to work as volunteer in various social activities. Various social activities are run by these units on the campus as well as in the neighboring villages.

The students involved in various social activities are as below.

- Blood Donation Camp.
- Water Conservation Abhiyan (JalSakshrta).
- Law Awareness camp.
- Contribute the NCC volunteers in leadership training programmes.
- Programmes for girl students under 'Yuwati Sabha'
- Winter Work Camp.
- Celebration of 'Sadhbhavna Day'
- Swachta Abhiyan

In this way students get involved in various activities for the benefit of society.

### **3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?**

Various stakeholders like students, parents, villagers are provide their views on the various issues related to the performance and quality of the institution. College has student council through which students provide their suggestions related to the quality.

### **3.6.4 How does the institution plan and organize its extension and outreach programmes? Providing the budgetary details for last four years, list the major extension and outreach programmes and their impact on the overall development of students.**

The institution run outreach Programme time to time through university and fund provided by university. The fund utilized to conduct regular activities and special camping programs of NSS and KarmveerBhaurao Patil Earn and Learn Scheme.

Details of budgetary provision under NSS are as under...

Sr. No.	Year	Budget Sanctioned	Expenditure
1	2010-11	79,200	79,200
2	2011-12	76,016	79,200
3	2012-13	75,324	79,200
		2,500	2,560

<b>4</b>	2013-14	78,682	79,200
		4000	4000
<b>5</b>	2014-15	79,028	79,200

Budgetary provision under NCC are as under....

<b>Sr. No.</b>	<b>Year</b>	<b>Budget Sanctioned</b>	<b>Expenditure (payment to cadet)</b>
1	2010-11	--	--
2	2011-12	--	--
3	2012-13	36910	36910
4	2013-14	27385	27385
5	2014-15	19560	19560

### **3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?**

The institution always promotes the participation of students and faculty in NSS and NCC units. In the beginning of the academic year students are informed about the NSS and NCC scheme. Programme officer of NSS and Captain of NCC guide the students about the schemes rules, regulations and duties to be done. Students are actively participate in the NSS and NCC activities.

The students and faculty participation in NSS and NCC is as below.

#### **Students :-**

- The participate in regular activities of NSS 250 students (M/F)
- The participate in special camping activities of NSS 125 students (M/F)
- The participate in of NCC 40 students (Male)

### **3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?**

Nil

### **3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students' academic learning experience and specify the values and skills inculcated.**

- Personality development among the students through community services.
- Understanding the community needs.
- Harness the feelings for national integration.
- They get the ideas of team work with self-respect and self-confidence.

- Help ideal citizenship and national progress.

**3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?**

Every year institution arranges special winter camp of NSS in a village. During the seven day camp various activities are carried out in the village. Communities are involved with the volunteers in work of sanitation, environmental conservation etc.

Volunteers of the NSS and NCC cadets have been part of extension programmes. NSS/NCC units work under university and government instructions to collaborate with local bodies in its various projects related to health, hygiene, sanitation, literacy, environmental awareness, blood donation etc.

**3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.**

Nil

**3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.**

Nil

## 3.7 Collaboration

**3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives - collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.**

College has signed MOU with Institute of Management and Research (IMR), Jalgaon for the use of their library and laboratories for the research purpose.

**3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.**

The institution has signed MOUs with industries/corporate entities for providing training facilities to the students of B. Voc. Soil Water Conservation and Software Development MOUs have been signed with the following institutions/industries.

Sr. No.	Name of the Institute	Nature of Collaboration	Year of MOU signed
1	Institute of	Academic collaboration including	2014-15

	Management and Research, Jalgaon.	research laboratories, library, training for staff and students.	
2	NASSCOM, Sector Skill Council, New Delhi	Out base training, NSQF levels Assessment and Certification	2014-15
3	JalSRI Watershed and Management Research, Jalgaon	Skill Based Training	2014-15
4	NSN technology, Pune	Skill Based Training	2014-15
5	AMIS IT solution, Pune	Skill Based Training	2015-16

**3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc.**

**Dr. Pradeep Patil**, Senior Scientist, Mqure pharmaceutical Ltd., Pune donated books to the Departmental library of Chemistry.

**Mr. Avinash D. Ahire**, Associate Professor, has donated seating benches for students in campus.

Following training programmes have been conducted for the students by eminent personalities without any remunerations.

Sr. No.	Topic	Name of Trainer	Dated
1	Introduction on MS office advance tools and its management.	Mr. Manoj Patil, NSN technology, Pune	07/10/2014
2	Career oriented programme skill	Prof. Uday Chatur, IMR college, Jalgaon	11/03/2015
3	Workshop on hand on practice CSS and Java Script and some basic concept of BOOTSTRAP	Mr. Sanjay Baviskar, AMIS IT solution, Pune	14/02/2015
4	Communication Skill	Dr. R. S. Jain, CT Bora college, Shirur, Pune	07/01/2015

**3.7.4 Highlight the names of eminent scientists/participants, who contributed to the events, provide details of national and international conferences organized by the college during the last four years.**

Following eminent scientists/participants visited to the institution during the various events.

- i. **Dr. G. S. Rashinkar**, Associated Professor, Shivaji University, Kolhapur.
- ii. **Dr. Chagan Tele**, Rtd. Sr. Scientist, USA and Chairman Arts and Science College, Thalner Dist. Dhule
- iii. **Dr. Shirish H. Sonawane**, Associate Professor, Department of Chemical Technology, National Institute of Technology, Warangal (AP)
- iv. **Dr. L. A. Patil**, Professor in Physics, Pratap College, Amalner
- v. **Prin. Dr. D. D. Patil**, Professor in Chemistry, Arts, Commerce and Science College, Chopda, Dist. Jalgaon.
- vi. **Dr. P. H. Pawar**, Professor in Physics, Z. B. Patil College, Dhule

**3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated -**

- a) Curriculum development/enrichment
- b) Internship/ On-the-job training
- c) Summer placement
- d) Faculty exchange and professional development
- e) Research
- f) Consultancy
- g) Extension
- h) Publication
- i) Student Placement
- j) Twinning programmes
- k) Introduction of new courses
- l) Student exchange
- m) Any other

**3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/ collaborations.**

The Institution honestly efforts for implementing the initiatives of collaborations and signed MOU's with academic as well as industrial partners. The details of MOUs signed with partners are given at 3.7.2.

**Any other relevant information regarding Research, Consultancy and Extension which the college would like to include.**

Nil

## **CRITERION IV:**

### **INFRASTRUCTURE AND LEARNING RESOURCES**

#### **4.1 Physical Facilities**

##### **4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?**

Following policy is adopted for enhancement of infrastructure...

- The policy of the institution is to increase the quantitative and qualitative graph as far as possible. The institution is intact with the policy decided by the Management. The institution has a dream of enlarging the educational campus by extending new branches of study.
- The Institution is well aware regarding the adequate infrastructural facilities to facilitate effective teaching and learning. It has long term planning for expansion of facilities to meet future development.
- We have sufficient space of 02 acres 16 R and the Management Purchase Committee decides appropriate policy to utilize the grants received from funding agencies.
- The feedback of the stakeholders, regarding their needs is also taken into consideration while deciding the policy. As per their suggestions and needs, the infrastructure is created and enhanced.

##### **4.1.2 Detail the facilities available for**

**a) Curricular and co-curricular activities—classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, botanical garden, Animal house, specialized facilities and equipment for teaching, learning and research etc.**

##### **Academic activities:**

- Well furnished, airy and well ventilated classrooms are available. The class room capacity is from 60 to 100 students. We have all laboratories with all modern amenities and equipment. The modern and useful equipment like UV-Visible spectrophotometer, ultra sound probe, research microscope, autoclave, inoculation chamber, GPS, Weather station, L.C.D. Projectors, Smart boards, OHP and scientific Equipment and other necessary equipments in laboratory are available.

##### **Co-curricular activities:**

- In our college there is a multipurpose hall. Common staff room, ladies room are available.
- College having well ventilated library with reading room.
- INFLIBINET N-list e-resource facility and Network Resource Center is available at the Library.



- The college having Central Computer Facility with internet connection for the staff and students.
- Computer and internet facility is also available in all the laboratories.
- The College having well equipped Commerce and Computer Science Laboratory with sufficient computers and full UPS backup.
- CCTV cameras are installed at the entrance porch, office, playground, varanda library campus and other important places in order to monitor the functioning of academic activities.

Sr. No	Particulars (Rooms)	Room No.	Dimension	Sq. Ft.
1	Principal Office	A-1	22x11x12	242 Sq. Ft.
2	College Office	A-2	30x15x12	450 Sq. Ft.
3	MCVC Office	A-12	22x11x12	242 Sq. Ft.
4	YCMOU Office	A-3	11x06x12	66 Sq.Ft.
5	Chemistry Laboratory	A-4, A-5	25x41x12	1025 Sq.Ft.
6	Chemistry Store Room	-	16x13x12	208 Sq.Ft.
7	Chemistry Research Laboratory	A-6	25x22x12	550 Sq. Ft.
8	Physics Laboratory	A-7	25x23x12	575 Sq. Ft.
9	Commerce Laboratory	A-11	22x11x12	242 Sq. Ft.
10	Examination Room	A-10	22x11x12	242 Sq. Ft.
11	Staff Room	A-8, A-9	30x15x12	450 Sq. Ft.
12	Botany Laboratory	A-21	30x15x12	450 Sq. Ft.
13	NCC	A-20	16X05X12	80 Sq. Ft.
14	F.Y.B.Sc. Class Room	A-13,14	45x25x12	1125 Sq. Ft.
15	Old Comp. Laboratory	A-19	21x20x12	420 Sq. Ft.
16	S.Y.B.Sc. Class Room	A-115,16	45x25x12	1125 Sq. Ft.
17	T.Y.B.Sc. Class Room	A-18	21x20x12	420 Sq. Ft.
18	Zoology Laboratory	A-17	30x15x12	450 Sq. Ft.
19	Zoology Department Cabin	--	16X05X12	80 Sq. Ft.
20	Eight Class Rooms	B1,2,3,4,5, 6,7, 8	30x20x12=8	4800 Sq. Ft.
21	New Computer Laboratory	B-9	30x20x12	600 Sq. Ft.
22	Soil Laboratory	B-10	30x20x12	600 Sq. Ft.
23	Geography Laboratory	B-11	30x20x12	600 Sq. Ft.
24	Geography Research Laboratory	B-12	30x20x12	600 Sq. Ft.
25	Three Class Room	B-13,14,15.	30x20x12=3	1800 Sq. Ft.
26	Reading Room	B-16	30x20x12	600 Sq. Ft.
27	Library	B-17,18.	40x30x12	1200 Sq. Ft.
28	Auditorium Hall	B-19,20	40x30x12	1200 Sq. Ft.
29	Four Class Rooms	B-21, 22, 23, 24	30x20x12=4	2400 Sq. Ft.
30	Three Class Rooms	C-1, C- 2, C-3.	20x18x12 20x18x12 22x18x12	360 Sq. Ft. 360 Sq. Ft. 396 Sq. Ft.
31	Sports Gymkhana	C-4	18x07x12	126 Sq. Ft.
32	N.S.S.	C-5	21X16X12	336 Sq. Ft.
33	Seven Class Rooms	C-6 , C-8 C-7 C-9 C-10, C-11 C-12	40x16x12=2 39x16x12 19x16x12 18x16x12=2 29x16x12	1280 Sq. Ft. 624 Sq. Ft. 304 Sq. Ft. 576 Sq.Ft. 464 Sq. Ft.
34	Water Tank	--	26x25x12	651 Sq. Ft.
35	Canteen	01	20 x 20 x 12	400 Sq. Ft.

b) **Extra-curricular activities-sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.**

- We have separate Units for N.S.S, N.C.C and Sports.
- Mr. M.B. Baviskar, Assistant Professor, Department of English has completed Yoga Counselor's Examination and conducts Yoga classes.
- Department of English conducts Certificate Course in Business Communication skills in English as well as English for Competitive Exams to improve communication skills among the students.
- Institute conducts debating and elocution competitions as well as students participate in various debating and elocution competitions organized at University and state level.
- An institute conducts power point presentations, seminar and Group Discussion among the students.
- At the beginning of every academic year institute arrange health check up camp for first degree students.
- Separate Music Instruments like Harmonium, Tabla, Dholki, sound system including speakers with amplifier, Tape Recorder DVD Player, TV etc. are available for Cultural Activities.
- Open space is available for public speaking.

**Outdoor games:**

Game	No. of Sets	Dimensions
Volley ball Ground	02	18X09Mts
Kho-kho Ground-	02	29X16 Mts
Kabbadi Ground	02	12.50X10.00Mts
Ball Badminton	02	12x24 Mts

- Athletics events (Shot pot, long jump ,high jump, Discus throw)

**Indoor Games (Gymnasium Hall): (20 x 30 feet)**

Game	No. of Sets
Chess	10 sets
Home Gym-Multistation	01 sets
Bar bell set	182 kg

**4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed/augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution/campus and indicate the existing physical infrastructure and the future planned expansions (if any).**

Sr. No.	Shift	Time	Faculty	Working
1	Morning	7:30 AM to 12:00 PM	Arts, Science and Commerce (Junior College)	Lectures and Practical

2	Afternoon	11:50 AM to 5.30 PM	Arts, Science and Commerce (Sr. College)	Lectures and Practical
---	-----------	---------------------	--	------------------------

- Multipurpose Hall is used for seminars, guest lectures, and Special meetings as per requirement.
- LCD projectors can be used as per the requirements and availability.
- Laboratories are used as follows.

Sr. No.	Shift	Time	Class
1	Morning	07.30 am to 10.30 am	SYBSc
2	Afternoon	12 pm to 3.00 pm	TYBSc
3	Evening	3.00 pm to 5.30 pm	FYBSc/FYBVoc /FY/SY/TYBA

#### Amount spent during the last four years.

Sr. No.	Year	Particulars	Expenditure Rs.
1	2010-11	Building construction	--
		Computers +Equipments	711703
		Dead stock & Furniture	113195
		Furniture Repair	168808
2	2011-12	Building construction	1999620
		Computers + Equipments	1100565
		Furniture Repair	205845
		Dead stock & Furniture	68260
3	2012-13	Building construction	4779131
		Computers	44674
		Equipments	210520
		Furniture Repair	161164
4	2013-14	Building construction	2182377
		Computers +Equipments	144850
		Dead stock & Furniture	7312
		Furniture Repair	54774
5	2014-15	Building construction	1335981
		Computers +Equipments	317683
		Furniture Repair	74654

Attached audit report

#### Existing physical Infrastructure:

The College campus is spread over an area of 02 acre 16 r of land to the East of Parola city. An imposing main gate welcomes everyone in the College. The college campus provides good ambiance to the academic, co-curricular and extra-curricular activities. Presently there are 03 buildings which are used for lectures and practical purposes. Good facility of drinking water tank installed with purifier.

Sr. No.	Name of building	Area in Sq.mtr.
1	Building A	784.57
2	Building B	1338
3	Building C	448.51
4	Water Tank	60.50

#### Future planned expansions:

i. **Master Plan.** – Annexure is attached separately

ii. **Projected future expansions:**

- Indoor Sports Complex
- Library building with reading room
- Research center
- Auditorium facility
- Improvement of audio visual aids.
- Enhancement in Computer facility.
- Up-gradation of Laboratories

**4.14 How does the institution ensure that the infrastructure facilities meet the requirements of students with physical disabilities?**

- The percentage of physically disabled students in the college is very less. These students are cared specially.
- Though Library and Reading Room are housed at second floor; special assistance of the library is provided at the ground floor.
- All the building having ramps so that physically disabled students can access easily the class rooms and laboratories.
- At the time of examination the seating arrangements for such students are made at the ground floor so that they could easily move to the examination hall.

**4.1.5 Give details on the residential facility and various provisions available within them:**

NIL

**4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?**

- In the beginning of every academic year institute arrange a health checkup camp for first year students and for this purpose we tie up with Govt. Cottage Hospital
- First aid boxes are available for students and staff.
- Sanitary napkins boxes are kept in ladies toilet and ladies room
- Yoga classes are conducted for students and staff.

**4.1.7 Give details of the Common Facilities available on the campus—spaces for special units like IQAC, Grievance Redressal unit, Women's Cell, Counseling and Career Guidance, Placement Unit Health Centre, Canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.**

The college has clearly marked space for the common facilities available on the campus. These facilities include IQAC (Internal Quality Assurance Cell). Grievance Redressal unit, Women's Cell, Counseling and Career Guidance cell, Placement Unit, Canteen, safe drinking water facility, and provision of auditorium etc. the details of such facilities are here as under.

<b>Sr. No.</b>	<b>Unit</b>	<b>Place of Location</b>	<b>Person In charge</b>
<b>1</b>	IQAC	Geography Department	Dr. P.D. Patil
<b>2</b>	Grievance Redressed Unit	Principal office	Prin. Dr. Y. V. Patil
<b>3</b>	Women Cell	Ladies Room	Smt. P. U. Pawar
<b>4</b>	Counseling and Career Guidance	Software Development Department	Mr. Nitin N. Patil
<b>5</b>	Placement Unit	Zoology Department	Dr. N. H. Desale
<b>6</b>	Yoga Centre	Campus	Mr. M. B. Baviskar
<b>7</b>	Canteen	Campus	Dr. B.T. Patil
<b>8</b>	Staff Room Recreation	Campus	Dr. P. P. Patil
<b>9</b>	Student Centre	Campus	Mr. Mahendra Kotkar
<b>10</b>	Safe drinking water facility	Campus	Mr. Sharad Patil
<b>11</b>	Health	Geography Department	Mr. S. K. Mahajan

## **4.2 Library as a Learning Resource**

**4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?**

Yes,

- As per 1994 University Act and Statues provided by University of Pune, college has constituted library advisory committee

<b>Sr. No.</b>	<b>Name of the Member</b>	<b>Designation</b>
<b>1</b>	Dr. Y V Patil	Principal
<b>2</b>	Mr. N B PATIL	Librarian
<b>3</b>	Mr. S S Patil	Assistant Professor
<b>4</b>	Dr. P D Patil	Assistant Professor

- The responsibilities of the committee are as under.
  - To decide rules and regulations of Library.
  - To make budget of Library.
  - To keep administrative control on Library staff.
  - To take note of Reader's complaints, difficulties and suggestions in order to solve them.
  - To implement reader oriented campaign.
  - To discuss and recommend journals to be purchased.
  - To formulate future developmental plans.

**4.2.2 Provide details of the following:**

- **Total area of the library:** 167.28 Sq. Mt.
- **Total seating capacity:** 60 Students
- **Working hours**
  - **On working days:** 8:00 a.m. to 5:30 p.m.
  - **On holidays:** Closed
  - **Before Examination Days:** 8:00 a.m. to 5:30 p.m.
  - **During Examination Days:** 8:00 a.m. to 5:30 p.m.
  - **During Vacations:** 8:00 a.m. to 1:30 p.m.
- **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

Nil

**4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and other reading materials? Specify the amounts spent on procuring new books, journals and e-resources during the last four years.**

Library holdings	2014-15		2013-14		2012-13		2011-12		2010-11	
	No	Total Cost	No	Total Cost	No	Total Cost	No	Total Cost	No	Total Cost
<b>Text &amp; Reference books</b>	1339	250193	946	95701	1275	96555	357	32580	850	88849
<b>Journals &amp; Periodicals</b>	43	54939	43	54939	43	54939	43	54939	43	54939
<b>e-resources</b>	INFLIBNET service Rs. 5000 Per Annum									
<b>News Papers</b>	09	15660	09	15660	09	15660	09	15660	09	15660

**4.2.4 Provide details on the ICT and other tools deployed to provide maximum access to the library collection?**

ICT facilities	Details of the facilities
OPAC	INFLIBNET
Electronic Resource Management package for e-journals	INFLIBNET
Federated searching tools to search articles in multiple databases	Nil
Library Website	Information about library is available on college website : <a href="http://www.kisanacscollegeparola.in">www.kisanacscollegeparola.in</a>
In-house / remote access to e-publications	We have in-house/remote access to e-publication from inflibnet-N-list, Programme and our library software.
Library automation	For library automation we use software developed by TOTE. Nasik.
Total number of computers for public access	We have five computers for public access. Two computers are for staff and three computers are for students.
Total Number of printers for public access	One Printer

Internet Band width/ Speed	512 kbps
Institutional Repository	Nil
Content Management System for e-learning	Through inflibnet : N-list programme. Participation in Resource sharing networks / consortia (like Inflibnet ) Inflibnet -N-list programme
Participate in Resource Sharing	INFLIBNET – N-List

#### 4.2.5 Provide details on the following items:

1	Average number of walk-ins	NA
2	Average number of books issued/returned	29 per day
3	Ratio of library books to students enrolled	1: 18
4	Average number of books added during last three years	1187 per year
5	Average number of login to TOTE	NA
6	Average number of login to e-resources	2
7	Average number of e-resources downloaded/printed	1
8	Details of “weeding out” of books and other materials	8000 removed

#### 4.2.6 Give details of the specialized services provided by the library

1	Manuscripts	NO
2	Reference	YES
3	Reprography	No
4	ILL (Inter Library Loan Service)	YES
5	Information deployment and notification (Information Deployment and Notification)	YES
6	Download	Yes (Related library information is collected in flash drive)
7	Printing	No
7	Reading list/ Bibliography compilation	YES
8	In-house/remote access to e-resources	NO
9	User Orientation and awareness	YES
10	Assistance in searching Databases	YES
11	INFLIBNET/IUAC facilities	YES

#### **4.2.7 Enumerate on the support provided by the Library staff to the students and teachers of the college.**

- The books recently added are enlisted on the notice board for the acquisition to the students and teachers.
- Up to date catalogues are available that give information regarding new arrival of the books.
- Subscribed journals, periodicals and magazines are displayed on the stand.
- Syllabi and question paper sets of previous examinations are provided to the students and teachers.
- The library staff is active and efficient enough to provide the services to students and teachers.
- On the demand of teachers the books are issued by the staff immediately. There are no complaints by the students regarding library services.

#### **4.2.8 What are the special facilities offered by the library to the visually/physically challenged persons? Give details.**

- Though Library and Reading Room are housed at second floor; special assistance of the library is provided at the ground floor. Our staff takes special care of these students

#### **4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services.(What strategies are deployed by the Library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)**

- Yes, Suggestion box and feedback forms are provided.
- The feedback forms collected from the students are put before the library committee for discussion and suggestions made by the committee are implemented for smooth and effective functioning of the library.

### **4.3 IT Infrastructure**

#### **4.3.1. Give details on the computing facility available (hard ware and software) at the institution.**

- **Number of computers with Configuration (provide actual number with exact configuration of each available system)** 63
- **Computer-student ratio** 1:21
- **Standalone facility** Yes
- **LAN facility** Yes
- **Wi-Fi facility-** Yes
- **Licensed software\*-** Yes

\*Following licensed software's are available in the institution (Global Mapper, Interferometer Automation, Spectrophotometer Automation, Tally, College Automation,)



- Number of nodes/computers with Internet facility: 63

#### **4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?**

##### **On the campus:-**

- Central Computer Facility for the staff and students.
- Computers are provided by the college to the Principal, the Vice-Principal, Office and each Laboratory.
- A separate broadband internet connectivity is made available in each department and Computer Laboratories under BSNL educational plans.
- Free internet and computer access is available to the staff and students.
- The college has set up Network Resource Center (NRC) for students in central Library. The students are allowed to use the NRC during college hours.
- Students are allowed to use INFLIBNET, N-LIST e-resource facility which is available in the library.
- The faculty avails INFLIBNET, N-LIST e-resource facility in respective departments.
- Separate Xerox center is available for students and office.

##### **Off the campus: -**

Nil

#### **4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?**

##### **a) Plans for Deployment and Up-gradation.**

- It is proposed to provide Smart Boards in each Class room.
- ICT enabling in all classrooms.

##### **b) Strategy for Deployment and Up-gradation.**

- As per the new syllabus and introduction of new courses, new software is purchased.
- According to the requirements of software, computer capacity is upgraded.
- Increase in the number of computers is according to the requirements given by the heads, especially by the Department of Computer Science and the librarian.
- Increase in ICT enabled classrooms.
- ICT based equipments are purchased as per the requirement

#### **4.3.4 Provide details on the provision made in the annual budget for procurement, up gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)**

Year	2014-15	2013-14	2012-13	2011-12	2010-11
<b>Expenditure</b>	317683	144850	44674	1100565	711703

**4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?**

ICT Resources facilities are used extensively for following activities

- To create awareness among students about online training indifferent subjects.
- LCD projectors and Smart Boards are used by faculties for teaching different topics.
- Students are also use ICT facilities during the seminar, lectures etc.
- Short films, documentary, films are shown in the classroom to the students on the occasion of like Ozone Day, Environment day etc.
- The films are shown to the students of English department which are based on different stories and plays.
- Teachers do their research work more accurately using ICT resources
- Facility is provided to student/staff to fill different online forms like scholarship, Examination, workshop, C.E.T., SLET/NET / PET.
- UGC proposals for Seminars/Workshops are prepared and uploaded Using ICT.
- ICT is extensively used for Major and Minor Research Projects.

**4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on –line teaching**

- Research papers, books, articles are accessed by research students and faculties using ICT facilities deployed in the laboratories.
- Project P.P.T. work is prepared by students using Internet and ICT
- Students search for project topics using ICT and internet.
- Notes are downloaded by student and teacher using ICT facilities.

**4.3.7 Does the Institution avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?**

No

**4.4 Maintenance of Campus Facilities**

**4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities (substantiate your statements by providing details of budget allocated during last four years).**

Sr. No	Details	2014-15	2013-14	2012-13	2011-12	2010-11
1	Building	13,35,981	21,82,377	47,79,131	19,99,620	--
2	Furniture	74654	54,774	161164	2,05,845	1,68,808
3	Computers and Equipment's	317683	144850	44,674	1,10,0565	711703
4	Books & Journals	50133	142316	22820	26728	359486
5	Electricity	30896	53989	64675	10045	15982
6	Telephone	11121	24902	18395	28088	24542
7	Office expenditure	658330	681211	372791	376357	251302

(Audits statement from 2011-2015 are annexed)

#### **4.4.2 What are the institutional mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment of the college?**

The maintenance and repair of infrastructure facilities and servicing of equipments are done through the agencies appointed by the Institution KVPs Parola.

#### **4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipment/ instruments?**

An electrician and technician are called in for maintenance and repair. Every month electrician takes calibration and precision measures for the equipment, instruments and suggests the repair.

#### **4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant supply of water etc.)?**

- The Stabilizers and UPS are installed to prevent voltage fluctuations.
- Inverter back up are provided for computers and Bio matric system.
- Special connection of water supply is taken from main water rising pipeline of Municipal Council through which continuous water supply is available in the institution.

## CRITERION V

### STUDENT SUPPORT AND PROGRESSION

#### 5.1 Student Mentoring and Support

**5.1.1 Does the institution publish its updated prospectus/handbook annually? If ‘yes’, what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?**

**Yes,** The updated prospectus is published at the beginning of every academic year which includes all the essential information about institute, faculty, courses offered, different subjects of U.G. and B.Voc., eligibility conditions, fee structure, scholarships, free-ships, prizes, financial support, intake capacity, facilities, NSS and NCC.

- The institution having updated website ([www.kisanacscollegeparola.in](http://www.kisanacscollegeparola.in)); where all above information is available.
- Academic calendar is prepared and published at the beginning to conduct curricular and co-curricular activities during the year.
- College Annual Report and college magazine “Kisaniya” is published every year.
- SMS services are applied for the procedure of admissions.

**5.1.2 Specify the type, number and amount of institutional scholarships/ free ships given to the students during the last four years and whether the financial aid was available and disbursed on time?**

- As and when the scholarships are received from the government it is immediately distributed to the students through bank cheque or online transfer.
- The scholarship details provided for SC, ST, NT and OBC are listed below

#### No. of Scholarship given to students given below

Sr. No	Type	No of Students		Total	Total Amount in Rs.
		Boys	Girls		
Year-2014-2015					
1.	OBC	126	425	551	21,06,125
2.	SC	39	105	144	5,32,875
3.	NT	37	111	148	5,63,325
4.	SBC	05	16	21	81,200
5.	ST	11	42	53	2,13,150
6.	PH	--	07	07	35,525
7.	Minority	--	--	--	--

Year-2013-2014					
1.	OBC	351	193	544	21,10,720
2.	SC	129	72	201	7,79,880
3.	NT	85	57	142	5,50,960
4.	SBC	19	08	27	1,04,760
5.	ST	21	09	30	1,16,400
6.	PH	--	--	--	--
7.	Minority	--	--	--	--
Year-2012-2013					
1.	OBC	408	321	729	8,38,641
2.	SC	98	55	153	4,05,929
3.	NT	89	34	123	1,32,569
4.	SBC	24	11	35	38,270
5.	ST	32	07	39	1,05,800
6.	PH	02	--	02	5,682
7.	Minority	05	02	07	--
Year-2011-2012					
1.	OBC	411	382	793	9,47,320
2.	SC	78	67	145	1,41,750
3.	NT	83	42	125	1,29,890
4.	SBC	19	09	28	27,970
5.	ST	54	26	80	1,16,710

### 5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

The college caters to the academic needs of the students belonging to the rural areas. There are lots of students who belong to the non-creamy layer of the society or who are from economically weaker sections of the society. The college provides financial assistance to these students, which is received from the Central Govt., State Govt., other agencies and the Management of the college. About 90-95% students of the college get benefit from these scholarships.

Year	Admitted students	Students benefitted	Percentage
2011-12	1244	1171	94.13
2012-13	1138	1088	95.60
2013-14	1190	944	79.32
2014-15	1193	924	77.45

### 5.1.4 What are the specific support services/facilities available for

- **Students from SC/ST, OBC and economically weaker sections**
  - Fee concession for poor students..
  - Implementation reservation policy for admission.
  - Financial assistance to the SC/ST/OBC and economically weaker sections students through various scholarships.

- **Students with physical disabilities**

Physically disabled students are provided with special attention and facilities to continue their studies. The ramps have been constructed for all buildings, so that physically disabled students can easily reach to the class rooms and laboratories. Wheel chair facility is provided as an when need to the students.

Their class rooms are arranged only in the ground floor all other students will assemble in that room so that they need not move from one place to another place.

Students who are visually disabled or those who could not write their exams are assisted with scribes.

- **Overseas students**

At present there are overseas students are not admitted in the college.

- **Students to participate in various competitions/ National and International**

The students, who are participates in College, Inter- College, University, Inter- Universities and National levels competitions and they are provided with all necessary training, help and TA/DA for participation in various competitions.

- **Medical assistance to students: health center and health insurance.**

Every academic year the health check up camp is organized for the first year students in collaboration with Cottage Hospital, Parola. Medical checkup is compulsory for all the first year students.

Students are made health aware by organizing various lectures of expertise on AIDS, hygiene, eye donation, sickle cell and diseases.

Group insurance scheme is implemented for the students and following number of students are benefitted of the scheme.

<b>Year</b>	<b>Number of benefitted students</b>
2010-2011	698
2011-2012	679
2012-2013	596
2013-2014	610
2014-2015	617

- **Organizing coaching classes for competitive exams**

General knowledge subject is made compulsory to the second year students. The coaching classes are organized on every Friday and Saturday throughout the year.

To motivate the students various lectures of expertise from reputed institutions are arranged time to time.

Department of Political Science, Geography conducts General knowledge examination every year.

Department of English has conducted course on English for Competitive Examination.

- **Skill development- (spoken English, computer literacy, etc.)**

Communication skill class was conducted by the English department. The Computer Department organized the workshop on information communication technique (ICT) for the computer literacy to the staff members and illiterate computer students.

- **Support for “slow learners”**

Remedial classes are conducted for slow learners by various departments and also giving personal guidance given by the teachers.

- **Exposures of students to other institution of higher learning/Corporate/business house etc.**

The students are exposed to other institution or industries through industrial visit. Under the B.Voc program, institution has made collaboration with institute of Management and Research(IMR), Jalgaon, JalsRI, Jalgaon, NASSCOM sector skill council, Delhi, AMIS IT solution Pune, NSN Technology ,Pune ASCI, for exposure of student to share the information among them.

- **Publication of student magazines**

Student magazine “Kisaniya” is published by the college with the participation of the students. Kisaniya includes Poems, articles, annual reports of NSS, NCC, and information about individual participation of students in extracurricular and co-curricular activities during academic year, prizes offered by different departments and individual teaching and non-teaching staff, teacher’s achievements during academic year etc.

### **5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.**

- Institution has made MOU’s with following  
Institute of Management and Research(IMR), Jalgaon, JalsRI, Jalgaon, National Association of Software and Services Companies (NASSCOM), Sector Skill Council (SSC), Delhi, AMIS IT solution Pune, NSN Technology Pune, Agriculture Skill Council of India (ASCI),  
Through these industries and institutes provides training to the students which helps in improvements of skills.
- The Institution encourages and develops the entrepreneurial skills among students through industrial visits. Students from commerce faculty visits to banks like Bank of Maharashtra, State Bank of India provides to explain various facilities/schemes available for small business units.
- Industrial and Educational tours are organized every year by various Departments which motivate the students for entrepreneurial skills
- Most of the students have agricultural background therefore they seek self-employment in their own farms.

- Information about agro based industries is given by the students through visiting to the progressive farmers and their units, which provides the knowledge and guidance to students.

**5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extra-curricular and co- curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.**

- **Additional academic support, flexibility in examinations**
- **Special dietary requirements, sports uniform and materials**

The college has a policy to promote maximum student participation in extracurricular, co-curricular and cultural activities etc. Activities such as sports games, quiz competition, are organized. Following provisions are made:

- **Flexibility in examinations:** Separate examinations are held for students who participate in various sports, cultural and other activities.
- Priorities are given in admission to the students who have shown greater merit in sports, cultural and other activities.
- Special material such as, T-shirts, shorts, tracksuit, sport shoes and equipment are provided free of charge to the deserving students, TA/DA is also paid to meet the expenses for participation at various places. Refreshment is also provided.
- Special prizes are given to students for further achievement at the time of annual social function. Most of the prizes are offered by the teaching, non teaching staff and Management of the college.
- **NCC**

The Government of Maharashtra provided @ Rs15 per parade for refreshment and Rs 10 per month as a washing allowances for regular parade refreshment and washing allowances are distributed at the end of every year.

At the beginning of Academic year, NCC uniforms supplied by 49 Maharashtra NCC Battalion, Amalner, Dist- Jalgaon., and distributed to the cadets.

- **NSS:**

Every academic year in take capacity for Volunteer is 180. Ninety Volunteers are selected for special winter camps organized as per Schedule provided by University. During camp food, accommodation is provided to the students as per university guidelines.

- **Quiz and Debates**

There are many books and periodicals related with competitive examinations available in the library and the staff provides counseling to the students.

**5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as**



**UGC-CSIR-NET,UGC-NET,SLET, ATE/CAT/GRE/TOFEL/GMAT/  
Central/State services, Defense, Civil Services, etc.**

All the students come from rural areas. They can motivated by giving required information about the competitive and other higher level exams. However the college makes all possible efforts to create awareness and prepares student for competitive and other examination.

- The college has a competitive examination cell to guide students for various competitive examinations such as MPSC, UPSC UGC-CSIR NET, and SET etc.
- Department of chemistry organizing state level workshop on NET and SET examination since last six years. Outcome of this workshop that there are **ten students** qualify NET and SLET examination.
- The students are motivated to face the competitive examinations and appropriate guidance is provided to them
- The internet and Library facilities are also provided to them.
- There are three hundred books and magazines on competitive examination are available in Library.
- The college organized guest lecturers of expertise to guide the students about competitive examinations.

**The students passing competitive examinations are.**

Sr. No	Name of the Student	Examination Passed	Department
1	Mr. Umesh Daga Patil	NET- SLET	Chemistry
2	Mr.Vijay Jayvantrao Desale	NET-,SLET,GATE	Chemistry
3	Mr. Anil Shantaram Patil	NET- SLET	Chemistry
4	Mrs. Priyanka S. Sisode	NET- SLET	Chemistry
5	Mr. Sandeep P. Patil	JRF	Chemistry
6	Mr. Raosaheb Shivaji Patil.	NET, SLET,GATE	Chemistry
7	Mr.Atul Shivaji Patil	NET, SLET,GATE	Chemistry
8	Mr. Kedar Rahul Pitambar	NET	Chemistry
9	Mr. Patil Samadhan Arjun	Ord. fact class-II	Chemistry
10	Mr. Mali Ravindra santosh	NET, SLET	Politics
11	Miss. Mahajan Suvrana P.	MPSC in 2013, PSI	Geography
12	Miss Sadhana Ingale	MPSC in 2012, PSI	English
13	Mr. Narendra Baisane	MPSC in 2011 PSI	English

- Near about 300 students are selected in various defense services and following students from the NCC unit of our institution are selected in the various positions in defense services during 2015-16.

Sr.No	Name of the student	Positing	Place
1.	Mr. Mukesh Patil	Vanrakshak	Alibag,Thane
2.	Mr. Sanket Aute	Artillery center	Nasik
3.	Mr. Ajay Patil.	Artillery center	Nasik

4.	Mr. Atul Patil	Artillery center	Hyderabad
5.	Mr. Vikas Patil	Artillery center	Hyderabad
6.	Mr. Rahul Koli	Lakhnau center	Lakhnau
7.	Mr. Ajay Patil	Lakhnau center	Lakhnau
8.	Mr.Pravin Sonwane	Infantry center	Sager
9.	Mr. Pramod Patil	Infantry center	Sager
10.	Mr.Kishor Brahmane	Infantry center	Sager
11.	Mr.Raosahe Dambre	E.M.E center	Bhopal
12.	Mr.Sachin Mahajan	E.M.E center	Bhopal

#### 5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)

Following types of activities are conducted to provide counseling services:

- The faculty member's guides academic and personal counseling about further higher studies, career guidance and job opportunities to students.
- The faculty members trained the students to prepare and face interviews by giving tips.
- Department of English organizes Spoken English course to improve the communication skills among the students.
- Department of NCC gives wide publicity of Army Recruitment Rally program and motivates and trained students to join various defense services.
- Special research guidance is provided to students to increase their participation in "AVISHKAR" competition.
- Guidance to Ph.D. Students.
- Department of Chemistry organizes workshop on NET SLET Examination.
- Yoga classes are conducted to the students for improving mind setup, mediation and personality development.
- Department of Computer Science and Software Development organizes workshop on

Title of Workshop Organized	Funding agency	Date
Two days' Workshop Hardware Networking tools and Concept use in Software Development	U. G. C. B. Voc. Scheme	28-29 Oct 2015
Practice to give Communication in Technical Report Writing	U. G. C. B. Voc. Scheme	22 July 2015
Workshop on PHP Live Project	U. G. C. B. Voc. Scheme	20-21 July 2015
Career Oriented Programme Skill	U. G. C. B. Voc. Scheme	11 March 2015
Workshop on hand on practice CSS and Javascript and same basic concept of BOOTSTRAP	U. G. C. B. Voc. Scheme	14 Feb 2015

Seminar on Communication Skill	U. G. C. B. Voc. Scheme	07 Jan 2015
Seminar on Installation and Configure PHP and Its IDE to develop the web applications	U. G. C. B. Voc. Scheme	03 Jan 2015

**5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If ‘yes’, detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).**

Yes,

- Institute has a Career Guidance and Placement Cell. The Faculty members provide counseling services to the students for employment and further studies.
- Department of NCC gives wide publicity of Army Recruitment rally program and motivates and trained students to join various defense services. The result of which; near about 300 students are selected for various defense forces.
- As our institute is located in rural area and due to lack of industrial development near by this area, it is not possible to organize campus interviews. However, in future it is purpose to organize the campus interview in the institution for B.Voc degree course.

**5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.**

Yes, the College has grievance redressal cell.

- **Functioning of the grievance redressal Cell:**
  - a. **Oral grievances:** In case of oral grievances the complainant may meet the grievance committee member and explained grievance orally. Some oral grievances are attended by Principal also.
  - b. **Minor Written Grievances:** Complaint box is placed at the central place of the Institution. It is opened once in a month and complaints are attended this grievances.
  - c. **Major Written Grievances:**
    1. The complainant submits his/her written grievances to the Principal and grievance committee.
    2. The grievances are put before the committee for discussion.
    3. The committee calls the complainant and opponents for hearing.
    4. The committee takes the appropriate decision and communicates it to the concerned person.

Very few grievances occurred in the college; which has been resolved after discussion before the grievance meeting.

**5.1.11 what are the institutional provisions for resolving issues pertaining to sexual harassment?**

There is a Sexual Harassment Prevention Committee constituted of which the Principal is the chairman. The college has not received any complaints from the students related to sexual harassment.

**Functions:**

- The college has grievance redressal cell for the prevention of Sexual Harassment of women staff and girls students.
- The rules and regulations laid down by the Govt. have been displayed.
- Women counseling programme is conducted in association with police dept.

No grievances occurred in the college in last four years.

**5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?**

Yes,

The College has constituted the anti-ragging committee. No complaints regarding ragging occurred in the college during last four years.

**5.1.13 Enumerate the welfare schemes made available to students by the institution.**

A student welfare committee is formed to identify student financial needs. The institution runs student welfare skims for the students.

- Book bank facility
- Remedial coaching
- Earn while learn scheme
- Poor boys fund
- Insurance scheme
- Travel concessions: Bus and Rail Concession.
- Earn and Learn Scheme:

Academic Year	No. of students benefitted	University Sanction amount	College Contribution amount	Amount disbursed (Rs)
2010-2011	12	45580	11520	57100
2011-2012	13	59748	27222	86970
2012-2013	13	62400	31200	93600
2013-2014	11	63840	31920	95760
2014-2015	12	57600	28800	86400

- Vidyarthi Artha Sahayya Yojana:

Academic Year	No. of students benefitted	Amount disbursed (Rs.)
2010-2011	25	31000
2011-2012	26	22600
2012-2013	26	22600

2013-2014	24	24800
2014-2015	25	53400

The college provides various schemes such as

**5.1.14 Does the institution has a registered Alumni Association? If ‘yes’, what are its activities and major contributions for institutional, academic and infrastructure development?**

Yes (but yet not registered), the college has an alumni association which plays significant role in college functioning and conducts a meeting every year.

Members of alumni association committee.

	<b>Designation</b>	<b>Name</b>
1	President	Shri. Govind Shirode
2	Vice-Presidents	Shri. Kundan D. Patil Shri. Nitin Bhopale
3	Secretary	Mr. M. B. Baviskar
4	Joint- Secretary	Miss. Priyanka S. Shisode
5	Treasurer	Mr. B. T. Patil
6	Joint Treasurer	Mr. R. B. Patil
7	P. R. O.	Dr. B. S. Bhadane

In the meetings of Alumni Association the past students exchange their experiences and ideas with staff and the present students

## **5.2 Student Progression**

**5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlights the trends observed.**

<b>Student Progression</b>	<b>%</b>
UG to PG	55
PG to M.Phil.	Nil
PG to Ph.D.	7
Employed	Not available

**5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district.**

Faculty (UG) Result	Student appeared	Student Passed	University % Result	Compared With near R. L. College	Compared With near College
<b>2011-12</b>					
B.A.	185	168	90.81		43.33
B.Com	34	13	38.00		11.11
B.Sc.	57	46	81.00		40.00
<b>2012-13</b>					
B.A.	109	98	89.90		40.42
B.Com	15	11	73.33		17.24
B.Sc.	33	32	94.40		39.28
<b>2013-14</b>					
B.A.	148	108	89.90	40.97	
B.Com	29	10	34.48	--	
B.Sc.	64	48	75.00	30.79	
<b>2014-15</b>					
B.A.	115	94	81.74		
B.Com	15	07	46.66		
B.Sc.	59	41	69.49		

### 5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

Parola is located in rural area of Jalgaon District. Majority of the students are coming from the nearby villages and they are first learners of higher education, therefore they do not know about facilities of higher education. Hence, there is need to guide them.

The faculty members encourages graduates students to proceed with their post graduate courses by giving guidance, motivation and detailed information about the job opportunities in their respective fields.

From 2014-15 under UGC scheme institute started B.Voc. Skill base course and made MOUs with

- Institute of Management and Research(IMR), Jalgaon,
- JalSRI, Jalgaon,
- National Association of Software and Services Companies (NASSCOM),
- Sector Skill Council (SSC), Delhi,
- AMIS IT solution Pune,
- NSN Technology Pune,
- Agriculture Skill Council of India (ASCI),

Through these institution, students get opportunities for their employment.

### 5.2.4 Enumerate the special support provided to students who are at risk of failure and dropout?

To minimize the failure and dropout rate, so as to complete the course the Institution makes following efforts.

- The students are given concession in the payment of Fees and are allowed to

pay admission fees in two/three installments.

- Financial support is provided by allowing those to work in Earn while Learn Scheme.
- The book-bank facility is extended to needy students. Library facility is extended for them as per their needs.
- Extra coaching is given if needed.
- Financial support is given to needy student from the poor boys funds

### 5.3 Student Participation and Activities

**5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.**

**Range of sports, games cultural and other extracurricular activities:**

**Sports** - Students from our institute participated in various sports activities such as Kabbadi , Kho-Kho, Volleyball, Ball-Badminton, Athletics, Chess, Wrestling, Football, Swimming, Weight lifting etc.

Year	Games	Level	No. of students participated
2010-2011	Volley ball	Inter Group	02
	Kho-Kho	University	02
		Inter Group	04
	Foot Ball	Inter Group	02
	Weightlifting	Inter Group	01
	Hockey	Inter Group	02
2011-2012	Volley ball	University	01
		State	01
		Inter Group	03
	Kho-Kho	Inter Group	05
	Foot Ball	Inter Group	02
2012-2013	Volley ball	Inter Group	01
	Kho-Kho	Inter Group	01
	Athletics	Inter Group	02
	Kabaddi	Inter Group	01
	Foot Ball		02
2013-2014	Volley ball	University	01
		State	01
		Inter Group	04
	Athletics	Inter Group	01
	Ball Badminton	Inter Group	02
	Swimming	Inter Group	02
	Rifle Shooting	Inter Group	02
	Boxing	Inter Group	01

2014-2015	Volley ball	Inter Group	01
	Athletics	Inter Group	01
	Swimming	Inter Group	02
	Foot Ball	Inter Group	02

**Programme Calendars:** Institution follows the sport calendar designed by North Maharashtra University. The sports calendar of the year 2014-15 is given below

Sr. No.	Sports Events	Inter Collegiate	Inter Group	Inter University
1	Cross Country	August	September	October
2	Chess	August	September	November
3	Swimming	September	September	October
4	Kho-Kho (Man)	October	October	November
5	Kho-Kho (Woman)	October	October	January
6	Ball Badminton(Man)	December	December	February
7	Ball Badminton(Women)	December	December	February
8	Basketball(Women)	October	October	November
9	Basketball(Man)	October	October	January
10	Malakham(M&W)	September	September	October
11	Tennis (Men&Women)	December	December	January
12	Foot Ball(Male)	October	October	November
13	Cricket (women)	October	December	February
14	Cricket (Man)	October	October	November
15	Volley ball(Man)	October	October	November
16	Volley ball(Women)	October	October	February
17	Kabaddi (Man)	October	October	February
18	Kabaddi (Woman)	October	October	November
19	Softball(Man &Women)	November	November	November
20	Hand ball (Men &Women)	September	September	November
21	Wrestling (Man)	December	December	January
22	Athletics (Men &Women)	November	November	December
23	Fencing (Men &Women)	January	January	February
24	Tyachando	--	January	February
25	Pistol &Rifal shooting	November	November	November
26	Hockey(Men)	November	January	February
27	Hockey(Women)	--	November	January
28	Judo (Men &Women)	January	January	February
29	Boxing	December	December	January
30	Archery (Men &Women)	--	November	November
31	Weight lifting and Power lifting	November	November	December



### **Cultural Activities:**

Students participate in extracurricular activities. The students celebrate various days such as Environment day, anti-tobacco day, International Ozone day, Kranti din, N. S. S. day, AIDS day, Traditional days, Sari day, and various cultural programme are organize. The annual social gathering is organized every academic year which includes cultural programmers like dance competition, one act play, Singing competition, Mimicry, Drapery and Drama etc.

Cultural committee and sports committee organizes competitions throughout year. Students participated in North Maharashtra University Cultural Festival; named “YUVARANG”. Students are given prizes for their achievements in annual social function. Certificate of merit is given to the meritorious students by the hands of chief guest.

### **5.3.2Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University/State/Zonal/National/International, etc. for the previous four years.**

- Miss Patil Usha Mango Zinga got 1<sup>st</sup> Prize for best article in magazine competition at University level 2013.
- Miss Sai D. Gaykwad selected for State Republic Day Pared, Pune in 2013.
- Mr. Shaik Ajimoddin Khaliloddin got first prize at University level Power point presentation competition on Nuclear energy for future fuel organized by ASC college, Jamner 2014.
- Mr. Patil Prashant Kantilal Stood first in Maharashtra in Bhagwadgita competition Examination 2014.
- Miss. Mahale Sukanya Kailas got first prize at Taluka Place in the district level debating competition on “water management and cleanness” progamme organized by Government of Maharashtra.

### **5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?**

Our institution takes feedback from graduates in order to improve the growth and development of the college. We scrutinize the matter from the feedback of the students and necessary action is taken by the college.

### **5.3.4. How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/materials brought out by the students during the previous four academic sessions.**

- College Publishes yearly magazine “Kisaniya”.
- College prepares wallpapers to publish articles by students.
- The students are informed to write their articles like, essays, poems, Stories

and other social, intellectual articles. The selected articles are published in wall papers and Kisaniya.

- One of the students Miss Patil Usha Mango ziga got 1<sup>st</sup> Prize for best article in magazine competition at University level.
- Every year students from F.Y. B.Sc., S.Y. B.Sc. actively participated in CAT (Chemistry ability Test) examination organized by Dr.P.R.Ghogrey Science College, Dhule.
- Mr.Shaik Ajimoddin Khaliloddinand, Mr. Rajput Shubham Dilipsing are participated in Power point presentation competition on Nuclear energy for future fuel organized by Jamner College. In this compitition Mr. Shaik Ajimoddin Khaliloddin got first prize.

**5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.**

Yes.

- The college students council is constituted as per Maharashtra University Act 1994 section 40.
- As per University Statute our College has established Student Council. Every class has class-representative who has maximum percentage in previous examination. N.S.S./N.C.C. nominates its representative. Gymkhana nominates its sports representative. Department of Cultural Activity nominates its representative. Further there is one girls representative from college.
- Out of these students council one University representative (U.R.) is elected by democratic procedure in the presence of committee constituted for election under the chairmanship of Principal.
- All these class representatives of each class and nominated representatives collect difficulties and academic problems from students and convey it to UR/LR who finally communicates with Principal and University.
- Student Council Celebrates – Blood donation Camp, World environmental day, Welcome Function, Independence Day, Teachers day, Annual social gathering, Youth festival, Yoga day, Republic day, Maharashtra day etc.....
- The composition of Student Council for the year 2015-16 is as under...

Sr. No.	Name of the member	Designation
1	Makasare Swapnil Suresh	University Representative
2	Patil Sagar Rajendra	General Secretary
3	Patil Komal Machhindra	Gathering Secretary
4	Ku. Atre Megha Subhash	Ladies Representative
5	Ku. Patil Priyanka Kailas	Magazine Representative
6	Patil Vijay Ratilal	Sport Secretary
7	Ku. Kasar Tejal Ravindra	Science Association
8	Ku. Chavan Mohini Balu	Advertisement Secretary
9	Rathod Rahul Kailas	Language Association

<b>10</b>	Ku. Mistary Pooja Parbat	Student Welfare Secretary
<b>11</b>	Shinde Vilas Sheshrao	Commerce Association Secretary
<b>12</b>	Shinde Deepak Kashinath	Social Science Association Secretary
<b>13</b>	Mahajan Rajendra Suresh	Library Secretary
<b>14</b>	Jagdale Pralhad Shivaji	Debating Association Secretary
<b>15</b>	Khairnar Dhiraj Shamrao	Tree-plantation Secretary

### **5.3.6 Give details of various academic and administrative bodies that have student representatives on them.**

Students are involved in various academic as well as administrative bodies as mentioned below...

- Students Council
- Library committee
- IQAC
- Anti-Ragging Committee
- Sexual harassment
- Students welfare
- Yuvti Sabha
- Gymkhana
- Annual Social Gathering etc.

### **5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.**

The Alumni and former faculty members are invited time to time at the different occasions; like Independence Day, Republic day, annual social gathering.

They are also invited as resource persons at the different programme of associations, NCC and NSS camps.

## **CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 Institutional Vision and Leadership**

**6.1.1 State the vision and mission of the Institution and enumerate on how the Mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?**

#### **VISION**

*"To impart quality higher education and inculcate social and ethical values among rural students to make them good, self-reliant and capable Citizens of India".*

#### **MISSION**

*"To achieve an all-round development of the students, we aim at encouraging creativity, self-employment, social service, aesthetic sense, conscientiousness along with the need of environment, sports and cultural proficiency and ideal citizenship so as to enable them to preserve the healthy democracy in the country".*

Parola is a Tehsil place in the Jalgaon district; a rural place situated 55 kms away from Jalgaon. Most of the people from this place belong to poor farmer's families. The students from such poor families do not afford the higher education at district place. Also in the rural area the proportion of girl's higher education is very less. Keeping this view in mind, Late Appasaheb Bhaskarrao Rajaram Patil (MLA), enlightened the lamp of education to serve the society by establishing Kisan Vidya Prasarak Sanstha (KVP's) at Parola. KVP's started Junior college in 1976, provided facility of higher education by opening Kisan Arts and Commerce Senior College in 1977 and Science stream was started in June 1992. The institution is committed to provide the quality higher education to the students of all sections of the society at very low cost under the leadership of Hon'ble Chairman Annasaheb Dr. Satish B. Patil (MLA, former minister of state, Govt. of Maharashtra).

To transform the rural students in the form of research and technology, Hon'ble Management initiated two research laboratories. Today, the institution has two recognized research laboratories in Geography and Chemistry. The research and guiding faculties of the college, contribute in publishing the results in terms of the research articles in national and international referred journals. Also, the administration and faculties of our institution work hard in that direction to enhance and maintain the quality of the higher education,

The institution is also committed to generate the human resource from the rural society by inculcating the moral values among the students and to make them

educationists, researchers, technologists and best citizens to serve the Nation. To satisfy this purpose, the institution has paid its full devotion and attention in academic progression of students by providing the well qualified and high profile faculties in the college, well equipped laboratories, advanced tools and aids for education, computers and internet, infrastructure, etc. To fulfill the need of skilled persons Management has started B. Voc. Software Development and Soil Water conservation since June 2014. To serve the nation in terms of forces our institution has started NCC in 1995 and more than 300 of our students have joined army, navy, police and other defense services successfully.

#### **6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?**

For implementation of the policies and smooth functioning of the institutions following committees are constituted; which plays key role.

- Executive council
- Governing council
- Board of Trustees
- Local Management Committee
- Purchase committee
- Building and construction committee
- Library committee

These are the elements of the top management. The Hon. Principal is the Joint Secretary of the management. Important points are circulated from Principal and other elements of the management. They are discussed and finalized by the management. Due importance of aims, visions, goals, missions and objectives, stated in the constitutions of the institutions are considered. Principal implements the finalized decisions.

**The management** has various bodies such as Executive council, Governing council, Board of Trustees and Local Management Committee.

The management holds general meeting in the beginning of the every academic year for deciding policies and plans such as departmental requirements, budgets, infrastructural provisions, staff adequacy and commencement of new courses as per the need of society. The members of the management visit various departments to ensure that the purchase is properly being put to practice for the benefit of the learners from time to time. They pay surprise visits to the theoretical classes to verify whether the teaching plans, attendance, daily preparatory jottings are lugged by the teachers or not for the cause of effective teaching. The meritorious students and the competition winners in the field of the academics, sports and extra academic are publically felicitated by the management, Principal and faculties so as to boost the energy of the students.

**Principal** promotes quality improvement in the college's educational services in the following ways:

Principal plans academic calendar, Co curricular, extracurricular and cultural activities in the beginning of the academic year.

- There are regular term end meetings where in actual practice of planed course of action are read loud for the members of the meeting.
- Encourage research environment in the institution.
- Maintain the quality of learning which forms the foundation of the kind of education the institution visualizes and imparts.
- Providing relevant, timely training for faculty and staff to enable them to provide quality education. Ensuring the commitment and accountability of all teaching and non-teaching staff.
- Ensuring effectiveness of management through collaborative, co-operative and consultative methods.
- Involving in the needs of the society and taking the initiative to affect a remedy.

**Faculty** policy for quality teaching encompasses a wide range of initiatives that can be grouped under major heads:

- Faculty of institute use ICT in classrooms and laboratories.
- IQAC develops a quality culture at institutional level, in which faculty have a major role to play.
- Faculty attends various training programmes from time to time to keep pace with developments in modern concepts of education and technology.
- Institute arranges different workshops for faculty through which it continuously measured and steps are taken to enhance quality.
- Various reports of departments committees, visits and individual teachers are published in the annual magazine "Kisaniy" of the college. Outstanding events conducted by the college are published in Annual Report of University (NMU Varta).

The following measures are undertaken for the effective planning and implementation of policies in this institution:

- Weekly meetings of the Heads of Departments, to plan the activities of the week ahead.
- Executive Council meetings are held at the beginning of every semester to assess the faculty requirement, development needs, etc.
- Faculty Meetings at the end of every month to evaluate the month's activities against set targets and to plan for the month ahead.

- IQAC Core committee meetings with Principal, Heads of departments and the faculty at regular intervals to ensure and evaluate quality sustenance and enhancement programmes Dissemination of information to student body, implementation of plans and collection of feedback through class representatives

#### **6.1.3 What is the involvement of the leadership in ensuring:**

- **The policy statements and action plans for fulfillment of the stated mission Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**
- **Interaction with stakeholders**
- **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**
- **Reinforcing the culture of excellence**
- **Champion organizational change**

The management consisting of the learned and highly qualified professionals, social workers and politicians guide the institution in formulating the policies and strategic plans. The Principal, Vice Principal, H.O.D. formulate the action plans to implement the policies. The management through occasional meetings and informal discussions with stakeholders try to take feedback and make suitable changes to fulfill the requirements of the stakeholders. The management also holds meetings with the staff to understand their difficulties, requirements and suggestions. The members of the management also appreciate the achievements of the teachers. Students and other staff also encourage them for further progress. They also try to motivate the staff to accept the changes and bring about the overall organizational change. for example the growing use of the computer in all activities, developing liberal and disciplined atmosphere in the campus, use of modern technology.

#### **6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?**

- The Principal ensures effective coordination among all the functionaries of the institution. Based on formulated policies, plans are designed and regular follow-up is maintained, thereby encouraging greater support and coordination.
- The Institution has Local Managing Committee and different committees for academic, co-curricular and extension activities. The meetings are held regularly as and when required.
- The Principal also takes report from the Head of the Departments on a regular basis. Personal contacts with the students and the faculty and the Students Council meetings are very useful for this feedback.
- The three tier structures of personal evaluation, self appraisal and assessment

from Head of the Department provide adequate data to review the Institutional activities. If the feedback reveals any indiscipline or breach of conduct, it is brought to the notice of the management in LMC meeting for future action if necessary. The self appraisal form is filled in by every staff member, by which the information is updated.

- Heads of departments and faculty, co-ordinate and plan their departmental activities and report it to the Principal for further action. The non-teaching staff also works as per the instructions of the Principal and the Registrar.
- In IQAC meetings, academic and extra-curricular activities done by faculty members are discussed and later the plans for the activities for the forth-coming academic year are chalked out. The IQAC helps the Principal, Vice-Principal and Registrar to coordinate and monitor the various activities.
- The annual evaluative report is presented by the Principal to the top Management and stakeholders.
- The Principal organizes a meeting of all faculties in the beginning of academic term to chalk out plan of action ahead
- The Principal highlights and summarizes of the term activities during the term end meetings.
- Feedback is collected regularly on the performance of every teacher, department and the institution as a whole from all stakeholders.
- The tea break is the time where the members discuss and share various matters related to the departmental or other academic activities.

#### **6.1.5 Give details of the academic leadership provided to the faculty by the top management?**

The Chairman of the Institution provides adequate scope to the Principal for his leadership among staff. The faculty can take decisions about the following points and implement.

- Implementation of curriculum.
- Academic decisions.
- Decisions related to examination.
- Various programmes etc.
- The staff is given an opportunity for the leadership at the college, University level i.e. H.O.D, Vice Principal, B.O.S. Member Faculty Members and Academic Council Member etc.

#### **6.1.6 How does the college groom leadership at various levels?**

- The college grooms leadership at various levels. The faculty members who take initiative or work more are given greater responsibility.
- Hard working and experienced faculty members are given responsibility as



H.O.D..

- Responsibilities are discharged among the faculty members by appointing them as a chairman/co-coordinator/member in various academic committees.
- Students are also encouraged to shoulder the responsibilities. Leadership among students is groomed through the class representatives and the university representative.
- The extracurricular activities like NCC, NSS, sports and various competitions provide leadership qualities among the students.
- The faculty members are encouraged to undertake research projects, extension activities, publication of research papers, books etc.
- The faculty members are encouraged to avail of opportunity of acquiring higher qualification such as M. Phil. and Ph.D. under the teacher fellowship scheme.
- The faculty members are encouraged to update their knowledge by deputing them for orientation, refresher and workshops.
- Institution has given thrust to co-curricular activities such as organizing the seminars, conferences and refresher courses.
- Institution monitors the compliance of faculty and other staff to the rules regarding regular attendance, discipline, social behavior and discharge of duties in coordinated way in hierarchical administrative set up.
- The Institutional support is extended to the faculty members contesting election for various statutory executive and academic bodies of the University.

#### **6.1.7 How does the college delegate authority and provide operational autonomy to the departments/units of the institution and work towards decentralized governance system?**

The academic and administrative work in our college is decentralized. The administration is decentralized through the various committees of the faculty like, Admission, Discipline, Purchase, Examination, Time Table, Magazine, Student Welfare, N.S.S., N.C.C., Planning, Competitive Exams, Student council, Publicity, Student Placement, Grievance cell etc. The entire plan of decentralized activities is carefully worked out by the Principal in consultation with the various stakeholders of the college.

The responsibility of overseeing the activities of each department is entrusted on the respective head of the departments, while the responsibilities of some joint co-curricular, extracurricular, outreach and extension activities are entrusted on the Chairpersons of the respective committees. The activities are coordinated by Vice Principal, Heads of Departments, Chairpersons of committees and senior faculty members.

The office superintendent coordinates administrative activities under the supervision of the Principal. The office superintendent allocates the work to Head clerk, Senior clerk and Junior clerks, while the accountant has been assigned the task of

keeping accounts and managing finances.

- Local Management Committee (LMC) is constituted to determine and review the strategies and policies of the college.
- The college has an Examination Committee comprises one or two members from each faculty, aided by sufficient members from the non teaching staff. The Examination Committee takes decisions to conduct examinations, assigning supervision duties, distribution of remuneration etc.
- Besides, the college also formed several committees that carry out the activities assigned to them.
- Decisions regarding the requirement of finance, infrastructural improvement, staff recruitment, and other matters of importance are communicated by the Principal to the Board of Management, which implements them.
- The Principal, being at the helm as the chief functionary is aided by chairpersons of various committees, and heads of the departments in taking various decisions, supervising and monitoring performance and maintaining discipline.=
- Student Council members are actively involved in various committees like Science and social science association, Literary Association, Annual Social Gathering etc.

**6.1.8 Does the college promote a culture of participative management? If ‘yes’, indicate the levels of participative management.**

Yes, the college promotes a culture of participative management. The Institution plans are developed through the committees: 1) Local Management Committee, 2) IQAC and 3) Student Council.

The participation is at the level of students (students council), the staff (at the department level) H.O.D., Management (LMC ). Besides this there are different committees involved in the perspective planning and development like Admission, Time Table, Research and Development, Examination, Library, NSS, Student Welfare, Grievance, Purchase, Earn and Learn, Gymkhana in which the teachers, students and administrators are included.

- Regular meetings of the staff and all committees are held for effective planning.
- The plans come from different committees to the Principal.
- The Principal takes the requirements and plans of the college on the agenda in the meeting of the L.M.C.
- The necessary budget provisions are chalked out in these meetings. The IQAC looks after the quality sustenance in academic activities and maintains the records of every meeting. Normally four meetings are held in a year.

## **6.2 Strategy Development and Deployment**

### **6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?**

In the joint meeting with Management, Principal and staff, the policies are drafted about teaching quality, performance in education, administrative works, research, performance in the sports, introducing new courses, strengthening the carrier guidance cell, college campus, awareness programmes, such as water harvesting, rural development activities, Soil water testing, computer training to all teachers, organizing seminar and conferences, increase the infrastructural facilities etc.

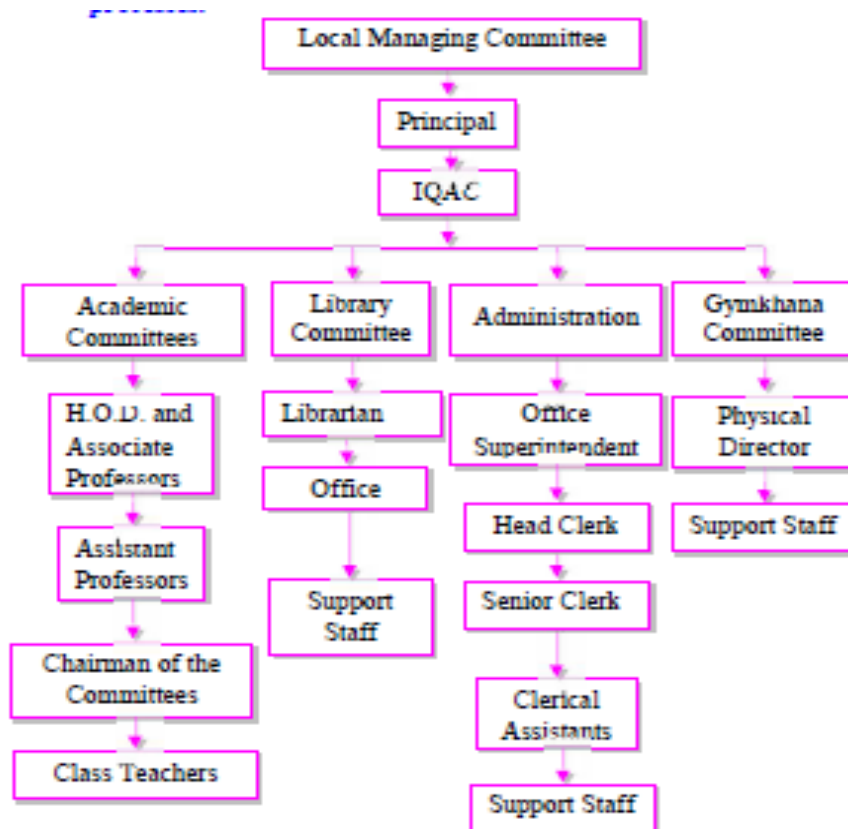
- Technology aided teaching, actual field visit, industrial study tour, training programme is organized.
- An awareness programme for effective implementation of water harvesting was successfully introduced through, N.S.S., and N.C.C. unit of the college.
- Computer training programme for teaching and non teaching staff was conducted in which the staff member from teaching and non teaching participated.
- During the academic year 2013-14 construction of new building which includes classrooms and laboratories was taken up.
- In the academic year 2014-15 the development of the new laboratories for B. Voc. Software Development and B. Voc. Soil and Water conservation were carried out.
- Some teachers submitted their major and minor research project proposal to UGC and North Maharashtra University, Jalgaon.
- The placement cell has helped to provide necessary guidance for placement of students.
- Every year college organizes state level workshop for Techniques in Preparation of NET/SET examination in Chemistry.
- Teachers are encouraged to participate in workshops, seminars and conferences.

### **6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.**

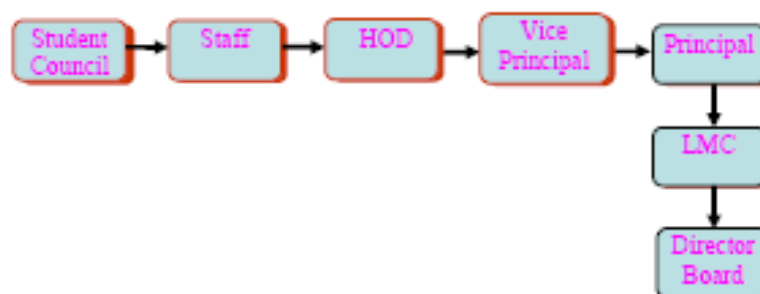
The Institution has perspective plan for next five years for development. This plan includes construction of Sports indoor hall, Library, Seminar hall, hostel, other infrastructure and man power management. The plan constitutes to start T.Y.B. Sc. Computer Science, T. Y. B. Voc. and P. G. courses in different academic programmes.

### **6.2.3 Describe the internal organizational structure and decision making processes.**

The internal organizational structure of the Institute is as follows....



- At first level Structure decisions are made about the major policies at Director Board level.
- Second level is Local Management Committee.
- Third level is Principal.
- Decisions are taken at department level by H.O.D.
- Decisions are taken at office level by Registrar and office superintendent.
- Decision making process



- Through regular staff meetings of the various committees for organizing different activities and in the meeting of the Heads of the entire departments the objectives are communicated.
- The Principal discusses the objectives of the perspective planning for development of the college. Suggestions and requirements from every individual employee are invited in the staff meeting.
- Decisions and resolutions of the meeting are communicated to all the employees by displaying the decisions on the staff notice boards.
- The notices are kept in the staff file for the particular period.
- The relevant information on perspective planning of development of the college is also displayed on the student's notice boards for the benefit of the students.
- IQAC is a nodal point where the perspective developments are planned in view of the needs of the time.
- Every individual in the college staff is involved in developmental plan of the college.

**6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following.**

- **Teaching & Learning**
  - The Institution prepares the academic calendar in which the plans for all the activities are given month wise.
  - The teaching plans are prepared by teachers, notified to the students, and supervised continuously.
  - Extra lectures are held, if required. The course wise teaching plan is made by each teacher at the beginning of every year.
  - The teachers submit syllabus completion reports to the H.O.D.
  - For UG programs tutorials and tests are conducted by the Institution for internal evaluation of students in a semester.
  - Tutorials/assignments/group discussion/Seminars are conducted for the internal assessment of Students. Practical are prescribed for science and commerce students which include project reports, case studies and report writing etc.
  - Semester theory, practical and oral examinations are conducted as per the schedule and the norms of the University.
- **Research and Development :**
  - The college encourages teachers to take up major and minor research projects sponsored by UGC, DST, CSIR, Govt. of India and North Maharashtra University, Jalgaon.
  - The college encourages the teachers to undertake attending conference, extension activities, publication of research papers, books etc.

➤ Extends financial assistance for attending conferences/seminars etc.

- **Community Engagement:**

➤ N.S.S., N.C.C., Sports, Cultural Program, Health Camps, Surveys are organized to enrich knowledge and experience of the students and staff etc.

- **Human Resource Management:**

Staff requirement are properly estimated (teaching and non-teaching). Suitable staff is recruited by management and it is properly placed at different departments. Training is also provided internally. Discipline is also maintained. Staff development is of prime importance for the Institution. All the necessary facilities are given to them.

- **Industry Interaction:**

Field visits and study tours are organized for Chemistry, Geography, Botany and Zoology students. Besides this the industrial visits are organized for B.Sc. Chemistry and Commerce students, which give work experience in the respective subjects. Special lectures and training was arranged for B. Voc. Students.

#### **6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?**

The Institution uses the information collected through the staff meetings, meeting of student council, L.M.C. and other committees. The Institution takes feedback from the students, analyses it and acts upon it for performance improvement.

- The feedback regarding classroom teaching, Time Table, Practical Batches, Library Time Table, Issuing Books, Internet use by students etc. are received from the students at the end of each term of the year and inputs are used for improvement in performance of the college.
- The feedback about the academic matter is analyzed by IQAC and necessary steps are taken for performance improvements.

#### **6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?**

Management provides the encouragement in various ways:

- By formal and informal appreciation of work.
- Encouragement for taking responsibilities.
- Necessary facilities are provided like books, guidance, and computer, Stationary.
- By providing promotion, giving facilities, letter of appreciation.
- The college has staff academy in which teachers are encouraged to make presentation on any topic of their choice in presence of all the teachers and staff,

which helps in sharing of knowledge, information and innovations in diverse fields.

- The college also encourages teachers to take up major and minor research projects sponsored by the UGC, CSIR, Govt. of India and BCUD, North Maharashtra University, Jalgaon.
- They are also encouraged to participate and make presentation at various Seminar, Conferences, Workshops, and Symposia etc.
- The faculty of the college always shares the knowledge and skills across the department.
- The college has National Service Scheme (N.S.S.) and N. C. C. which not only establishes relationship with society but also promotes co-operation among them.

**6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.**

The management council has made 10 resolutions in the last year. Out of these 8 resolutions were implemented by the management in this year.

**6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?**

Yes, there is a provision for according the status of autonomy to the affiliated college by the affiliated University. At present the college has not made any progress with reference to obtaining autonomy.

**6.2.9 How does the Institution ensure that grievances/complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?**

Yes, there is a grievance redressal committee to consider the grievances of the students. The committee holds meeting and analyzes the grievances and make the redresses of grievances. The Principal and the Vice Principal also attend the meeting and try to redress the grievances (if any) of parents and members of the general public. In meeting of the Principal, Management and LMC the important complaint received during the year are analyzed area wise / subjectwise and steps are taken to remove the causes of the complaints

**6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?**

Yes, there is one case pending in court. The issues are relating appointment of a teacher. Decisions are yet to be made.

**6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If ‘yes’, what was the outcome and response of the institution to such an effort?**

Yes, the Institution has introduced feedback mechanism for evaluation of teacher by the students. A committee of faculty member is formed which looks after the evaluation of teachers by the students. For this the Institution uses feedback format decided by the college IQAC. All the teachers of all the courses are evaluated. The teachers on or below average level are instructed by the principal individually and advised to prepare themselves by reading reference books and seeking guidance of the senior faculty members for effective teaching.

### **6.3 Faculty Empowerment Strategies**

**6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non-teaching staff?**

- The management provides financial assistance to teacher going for presentation in Seminar, Conferences, Workshop and Symposia.
- The college provides Duty Leave, Allowances for Travel and Accommodation to the teachers who participate in National, International, State, University and Local Seminars, Conferences, Workshop, Symposia. The college bears the cost of subscriptions of journals in various subjects.
- The Institution prepares and submits the budgetary proposal for the same to the University / UGC for approval and sanction.
- The IQAC has organized workshop on ICT for teaching and non teaching staff to improve the professional development.

**6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?**

- Institution allows the staff to participate in national and international conference which helps them to develop skills.
- The Institution has staff academy in which lectures of faculties are arranged.
- The faculties are encouraged to conduct and to attend seminars, workshops, conferences, symposia, refresher course and orientation courses.
- To carry out minor and major research projects.
- A good rapport is maintained with the staff by the management to create healthy work environment.
- Self-appraisal forms prescribed for APIs are submitted to the management for evaluation and decision regarding career advancement.
- Percentage of teachers benefited is near about 100.0 %.



### **6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal.**

Self-appraisal forms of the teachers are regularly filled by the staff. Strong and weak points are noted and the concerned staff members are provided the necessary motivation, guidance and help to improve and make further progress. Self appraisal method is carried out with the help of respective Head of the departments.

- The actual classroom teaching is observed by the HOD and by the Principal.
- The resources are promoted and are shared with the colleagues and students.
- The institution provides financial assistance to teachers going for presentation in seminar, conference, workshop, symposia etc.
- The college bears the cost of subscriptions of journals of various subjects.

### **6.3.4 What is the outcome of there view of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?**

The concerned committee of management studies and scrutinizes the appraisal reports and whenever necessary takes the suitable action. The actions include reprimanding the staff, issuing memo to the staff, giving serious warnings about the frequent defaults / deficits.

### **6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?**

Staff development is of prime importance for the Institution. All necessary facilities are given to them. Financial assistance is also given for medical problem and the loan is waved if the member dies before the repayment of the loan. The welfare Schemes available for the staff are:

- The employee's credit society: There is a employees credit society "Kisan Patsanstha". This credit society provides following facilities to their members: i) Long Term Loan (Sanctioned in single day), ii) Emergency Loans, iv) Accidental Insurance benefit, v) Felicitation and cash awards to meritorious student's, vi) Felicitation of members on acquiring Ph.D., M. Phil, and other achievements and vii) Financial help to medical treatment of serious illness and hospitalization.
- For faculty expenses in case of further studies or paper presentation financial support is given. Maximum staff has taken benefit of employees' welfare scheme.
- Group Insurance of all the employees was drawn in every year.
- Felicitation of members on acquiring Ph.D., M. Phil, and other achievements by the institute.

### **6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?**

To attract the eminent faculty institution give advertisement of vacant post in State and national level news paper as well on web site of college and North Maharashtra University. Management takes all care to retain good faculty members.

## **6.4 Financial Management and Resource Mobilization**

### **6.4.1 What is the institutional mechanism to monitor effective and efficient use of available financial resources?**

The Finance & Accounts Department attends to all work related to accounting, including treasury and bank operations and preparation of the annual draft budget of the college. The General budget is prepared by the Institution and sanctioned by the LMC for effective and efficient use of available resources

Finance and Accounts Department, working under the supervision of the Senior Superintendent and the administrative control of the Principal. The Principal is responsible for monitoring and controlling the financial procedures that result from implementing the approved financial plans for optimal performance.

The financial resources of the college are managed in a very effective and proper manner. For efficient use of the financial resources, the budget is prepared. The following committees are accountable to monitor effective and efficient the use of available financial resources like Executive council, Governing Council, Local managing committee

Each and every transaction is supported by the vouchers. All the collections are deposited in the bank and all expenditure, recurring and non-recurring, are incurred through cheques. Every day, Daily Collection (DC Book) and cash in hand at the end of the day are endorsed by Principal at the closing hour of the day. The statistical-status is communicated to the top management. Only duly authorized persons can operate through the bank. For effective check on the accounts the two tier system is followed; the internal and the external audit. Internal audit is done perpetually. The internal audit committee consists of Head of institution, Office Superintendent and the internal auditor. The external audit is done by the Chartered Accountant before the session

- Institution has formed a purchase committee which looks after the financial matters. Quotations are invited for purchase of equipment.
- Purchase of equipment, furniture and other materials are from renowned private firms/ companies.
- The Management provides all infrastructural and non-grant salary helps to the staff appointed.
- The non-teaching staff looks after the utilization of UGC funds.
- Payment is made through account payee cheque only.

**6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.**

The college has internal and external audit system. The internal audit is done by Registrar and Account Clerk while external audit is carried out by Chartered Accountant appointed by the institution for each financial year. The audited report by the external auditor is placed before the Management in the meeting for vetting and rectification, if any. The remarks given by the auditor are taken into consideration in the next year. In the second stage representative of joint director of higher education which go through the audited statements in detail in order to examine the legality of receipt and payments. In the last stage auditor general will audit. There is no audit objection since last four years (audit reports are attached here with i.e. annexure).

The last audit has been done till financial year 2014-15.

**6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and there serve fund/corpus available with Institutions, if any. (Attached audited income and expenditure statement of the years 2011-12, 12-13, 13-14 and 2014-15)**

The College is under salary grant of the state government and of the UGC under 2(f) and 12(b). Under the UGC XI/XII plan, the College has received Rs. **1,47,82,000/-**  
**The college has major sources of funding are as follows:**

- Total fee collected from the students.
- Grants received from State Government
- Central Government.
- Grants received from UGC under various schemes.
- Funds received from North Maharashtra University Jalgaon under various heads.
- Donations.
- Funds from Management.

Further if there is any deficit on account of recurring & non recurring expenditure, the management makes up the deficit amount. Apart from F. Ds, there are no reserve funds available in the last year as college has no provision for such reserve funds.

Deficit balance is supported by the management of the sanstha.

**6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).**

The institution has made efforts to get UGC funds. The funds sanctioned have been utilized as per the rules and regulations and for the purpose for which they were sanctioned.

**Detail of Funding from UGC during 2010-2015**

Year	Total amount Rs
2010-11	55,80,000
2011-12	
2012-13	8,02,000
2013-14	5,75,000
2014-15	78,25,000
Total	1,47,82,000

## 6.5 Internal Quality Assurance System (IQAS)

### 6.5.1 Internal Quality Assurance Cell (IQAC)

- a. Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

Yes, the institution has established an IQAC on 15<sup>th</sup> June 2005. The institution has framed its quality assurance policy broadly on the lines as required by NAAC and the need based assessment at the local level. Since establishment IQAC has been actively engaged in planning out the academic activities on the campus to promote quality and its sustenance. The IQAC has bridged the goals and mission of the Institution and curricular and co-curricular activities

- The vision, mission and objectives of the institution clearly reflect the quality policy of the institution.
- IQAC consists of the in-charges, students, alumni and local community members from the town, with the coordinator.
- Participatory and democratic decisions are taken for quality improvement.
- IQAC contributes in institutionalizing the quality assurance process as faculty members, students, office superintendent are the part of the same.

- b. How many decisions of the IQAC have been approved by the management/authorities for implementation and how many of them were actually implemented?**

All the decisions taken by IQAC are approved by the management authorities for implementation. The decisions are taken as and when required, hence timely approvals are given to the decisions made. Majority of them were actually implemented.

e.g.

1. Expansion of the infrastructural needs.
2. Extension / introduction of the new courses.
3. Implementation of Dress code to the students and staff.

#### 4. Expansion of research laboratories

- c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**

Yes, the IQAC has external members in its committee. External members provide the necessary input, feedback and suggestions on various issues.

- d. How do students and alumni contribute to the effective functioning of the IQAC?**

It is democratically free to have a student as a member of IQAC. There are two representatives from alumni are the members of IQAC of the institution. It makes students get to know institutional affairs because students are regarded the centre of teaching learning activities. The key role of students is set free in full swing in the meeting of IQAC. Students and alumni are members of IQAC and hence participate in decision making of IQAC. They provide necessary input, feedback, recommendations for enhancing quality of the College. IQAC is in this way the best platform for society to the institutional interaction.

- e. How does the IQAC communicate and engage staff from different constituents of the institution?**

The IQAC communicates and engages staff by organizing capacity building session, training them in the use of ICT, conducting meetings, workshops etc.

- 6.5.2. Does the institution have an integrated frame work for Quality assurance of the academic and administrative activities? If ‘yes’, give details on its operationalization.**

The College has developed a quality assurance mechanism within the existing academic and administrative system. It has formed several committees for both academic and administrative purpose.

- The College indicates its vision, goals and objectives through the prospectus published every year.
- The College has annual magazine, “*Kisaniya*” which includes the academic and research activities of the faculties and students.
- There are various committees –such as- Admission, Time Table, Exam, Annual Social Gathering, Student Welfare etc. which certainly contribute in sustaining quality assurance system.
- Activities on curricular, co-curricular and extra-curricular are regularly conducted in and on the campus.
- Expert lectures, guidance, student development programmes are often organized.

- The NSS unit actively involves and supports the community at large and helps in spreading the message of national integration.
- Students' sports interests are promoted by providing them indoor and outdoor games facilities, by the College.
- Computerized lab helps students to develop their communicative ability and IT based knowledge.
- Students support schemes like Earn and Learn, Book Bank facility, Concession in fees etc. are practiced.
- The College has formative and summative evaluation system.
- The career counseling and guidance cell helps students appear for competitive exams.
- The College has student council, which supports staff in organizing activities on the campus.

#### **Functions of the above mechanism.**

- The Principal and the IQAC regularly conduct meetings regarding the planning and development on the campus.
- The Principal collects feedback from students for teachers and thereby controls the teaching-learning system.
- The College has promoted research interest among the faculty members resultantly, 12 faculty members have completed Ph.D. and 12 have completed M. Phil.
- The College has organized University and State level workshops, to enhance the quality education and its application for staff and students.
- The College has introduced Career Oriented Course and provided students centric and job- oriented academic system.
- The students are provided exposure to their talent and expressive power through the College magazine "*Kisaniya*".
- The curricular and co-curricular and extra-curricular programmes added among the students a novel and innovative learning system.
- Skill based education programme like B. Voc. Software Development and Soil Water Conservation are introduced in the institution.

#### **6.5.3. Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.**

Yes,

- Institute provides training to its staff for effective implementation of the quality assurance procedures.
- ICT based training is provided to the teaching and non teaching members of the institution for the effective teaching learning process.
- Faculty member are also attended Orientation and Refresher courses for the

improvement of the quality of the teaching and to upgrade the recent developments in the subject.

- Teachers used ICT based teaching material in their day to day teaching which creates interest among the students.

**6.5.4. Does the institution undertake Academic Audit or other external review of the academic provisions? If ‘yes’, how are the outcomes used to improve the institutional activities?**

- The Quality Improvement Committee of the North Maharashtra University, Jalgaon has done the external Academic and Administrative Audit of the college, the report is in waiting. As soon as the suggestions and recommendations will be received, they will be implemented

**6.5.5. How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?**

- The college has formed the IQAC as an internal quality assurance mechanism. The Quality Improvement Committee of the North Maharashtra University, Jalgaon has done the external Academic and Administrative Audit of the college, the report is waiting. The suggestions of the given by IQAC and recommendations are implemented and aligned.

**6.5.6. What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and out come?**

- Hon. President, members of the management, Principal and vice-principals form a Monitoring Committee of the college. They visit live classes as and when required.
- CGPA system is introduced by the University has enabled continuous monitoring of the teaching and learning process.
- Feedback form the students helps to review the teaching learning process.
- Self-Appraisal Forms are mirror to improve/ achievements of the faculties.

**Outcome of review committee:**

- Commencement of new courses: B.Voc.
- Career Orientated courses.
- ICT and e-content development: most of the teaching, non-teaching staff and students using internet and ICT facility.

**6.5.7. How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?**

The college uses following means to communicate its quality assurance policies, mechanism and outcomes to the various internal and external stakeholders.

- College Notice Boards.
- College Prospectus
- College Magazine
- Website of the College
- Through the news agencies of the print media/social media



## **CRITERION VII:**

### **INNOVATIONS AND BEST PRACTICES**

#### **7.1 Environment Consciousness:**

Kisan Arts, Commerce and Science College Parola is situated between Dhule and Jalgaon District at National Highway No.6. Dhule to Nagpur. It is the first college in Parola Taluka, established by Late Appsaheb Bhaskarrao Rajaram Patil (Ex. M.L.A.). Parola is famous for the prestigious Fort which shows a strong relation to Rani Laxmibai. Moreover, Balaji Temple is the most popular in the region of Khandesh.

##### **7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?**

No

- At present, there is no formal green audit in the Institution but the Institution is eco-friendly by organizing the activity of tree plantation. Campus cleaning and maintenance is regularly done by the volunteers of N.S.S., N.C.C., Earn and Learn Scheme. Being very sensitive to the environment.

##### **7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?**

###### **Energy Conservation:**

The Institution's rooms and classrooms are well spacious with full of natural light and air. The classrooms are made with sufficient cross ventilation and light so that the use of electricity can be minimized. The Institution uses the CFL and LED lamps of low wattage in the classroom. This has helped a lot in conservation of energy. All the students, non-teaching and teaching staff have the 'motto' and they have taken the initiative to switch off all the electrical and electronics equipment's when not in use.

###### **Use of renewable energy:**

The college has not yet started using renewable energy. But it plans to install solar panels and adopt other innovative practices in the near future. Students are well aware of the use of solar energy, wind energy etc.

###### **Water harvesting:**

- The institution has water harvesting system in all new and old buildings.
- The department of chemistry stores the rain water and it is used as distilled water for practical's in Chemistry and for research activities.
- To make aware of water harvesting institute has started Soil and Water conservation degree programme under B. Voc.

- During special NSS winter camp volunteers make awareness among the villagers and construct Nala Bunding in *Shramdan*.

### **Check dam construction:**

Small check dams are constructed in the adopted village of NSS such as Toli, Titvi, Mhasve and Taradi villages of Parola tehsil. These dams help to store water and percolation in the soil and recharge of wells in the village, which definitely benefits to the farmers.

### **Efforts for carbon neutrality**

With the help of N.S.S., N.C.C, Earn and Learn scheme efforts have taken to reduce the carbon in the atmosphere and the campus is made green. The impact of our efforts made awareness among the students to minimize the use of petrol and diesel and hence the lowering of carbon. The Institution has done arrangements for the parking of vehicles in the College ground. The students and staff were convinced to use the vehicles minimum. The vehicles on every Monday of the week are banned in the campus. This helps in keeping the campus clean, as much as possible. The dead leaves are buried, instead of combustion in the soil and manure is made which is used.

### **Plantation:**

Tree plantation in the campus has been initiated by the auspicious hands of Hon'ble Annasaheb Dr. Satish Bhaskarrao Patil, (M.L.A.) President of Kisan Vidya Prasarak Sanstha and Dr. Y. V. Patil, Principal of the institution. The institutional campus is surrounded by trees. The N.S.S., N.C.C volunteers and students of the College have taken the care of it. Plantation is done in the campus as well as in adopted villages of NSS.

All the first year students have compulsory subject of Environmental Studies. So, during their project on Environmental Studies, the students were convinced for tree plantation and few students have made the plantation at their own places, farms and homes.

### **Hazardous waste management:**

There is no hazardous waste material generates in the Institution. In case of laboratory waste, maximum care has been taken by adopting few processes, such as by dumping deep in the ground. Other waste materials are collected by the warning vehicle of the Municipal Council of Parola.

### **e-waste management:**

Per year e-waste collection is very less and whatever is formed that is sent to recycling plant. If some parts are useful in other systems they are kept aside for future use.

## **7.2 Innovations**

### **7.2.1 Give details of innovations introduced during the last four years which have created a positive impact on the functioning of the Institution.**

#### **Library**

- Library is shifted on second floor in newly constructed spacious hall of the B wing building where there is full of natural light and fresh air is available.
- Book Bank facility is made available to the meritorious students every year.
- There is minimum use of lights and fans during the day times.
- Special reading room facility is also available from 8 am to 7 pm.
- e-library facilities are made available in the library for teachers and students of the institution.

#### **ICT facilities**

- Computer and internet facilities are made available to all laboratories.
- Well equipped Computer laboratory is setup for the students.
- Special computer lab with internet facility for commerce student established.
- Network resource center provided with free internet facility for students and staff
- ICT, computer and web based virtual classroom is made available in the B. Voc. classes.
- The teaching is innovated by e-class rooms, internet facilities available with all departments.
- The institute organized computer literacy workshop for teaching and non-teaching staff.
- Office of the College is computerized. Each computer is connected through the LAN and Internet facility.
- Special software CMS is introduced in the admission process from the current academic year.
- Biometric system has been employed for the attendance of the teaching and non-teaching staff.
- The examination section of the Institution is fully computerized

#### **Research Laboratories**

- Geography and Chemistry research laboratories are setup and recognized by the University.

- Both the laboratories have been modified and computer facilities are made available to the students for research purpose.
- New instruments are purchased as per the requirement of the new syllabi.

### Infrastructure

- The renovation of the office is completed. Separate sections are provided to the Office Superintendent, Laboratory Assistants, Head Clerk, Sr. and Jr. Clerks.
- 15 New classrooms, B. Voc. Software Development, Soil Water Conservation and Geography laboratories are constructed.
- Electricity generator has been installed for emergency electricity in the campus.
- Safe potable water facility is made available to the students and staff.
- Student consumer store with photocopy centre is situated in the campus.

### Others

- Institution introduced skill based courses such as B. Voc. Software Development and Soil Water Conservation.
- The institution spread the idea of equality in diversity by implementing a unique dress code for all students.
- Every year Department of Chemistry conducts workshop on **“Techniques in preparation of NET SET Examination in Chemistry”** A Result of which 10 students have qualified this Examinations.
- Career Oriented Course in Business Communication Skill in English.
- Remedial course for English, Geography and Chemistry are conducted.
- Institute motivates students to participate in Avishkar, Yuvak Mahotsav, research competition, quiz competition organized at various levels.
- The institution organized various study tours for students related to their subjects.
- The institution encourages the teachers for research activities to register for M. Phil., Ph. D and to undertake the research project.
- The Institution encourages the teachers to attend seminars, workshops & conferences.
- Small check dams are constructed in the adopted village of NSS such as Toli, Titvi, Mhasve and Taradi villages of Parola tehsil. These dams help to store water and percolation in the soil and recharge of wells in the village, which definitely benefits to the farmers.
- NSS, NCC, and all departments undertaking philanthropic activities Blood donations camp, Vyasankumari Manch, Tree Plantation, Cleanliness drive of public places, street play, water harvesting, anti pollution rallies, anti dowry programmes, Anti tobacco programmes, Anti AIDS rallies, Vasundhara Bachav Abhiyan, helping flood affected people etc.
- Some of our students work as **‘Police Mitra’**.

- Kisan Poor Student Welfare Scheme (KPSWS): Financially very poor students are selected conducting interviews and other designed rules by the committee. The students are adopted by the staff to fulfill their essential academic financial needs like examination fee, excursion charges, record book, and traveling fare.

### **Innovative Practices of Various Departments.**

In addition to the above, various innovative practices have been adopted by all the departments which are explained in the evaluative report.

### **7.3 Best Practices**

We herewith list and elaborate best of our practices:

- Aids Awareness programme for Students.
- Yoga Classes for students and Teachers for stress management.
- Judo –Karate classes for Girls.
- Soft skill Development programme arranged for student.
- Yuvati sabha.
- Health check up programme.
- Blood donation camp.
- Personality development programme.
- Soil-Water testing.
- Best NSS/NCC student awards
- Best volunteers awards
- Every effort is taken to keep the campus green and healthy. The Institution understands the need to preserve Earth.
- Care is taken to keep the campus, pollution and plastic free.
- There is restricted vehicle entry during working hours and a separate parking lot.
- There are dustbins in strategic places with a system of effective waste disposal.
- Students are encouraged to keep their classrooms and common spaces clean. There is a Cleaning Day for the campus spearheaded by the N.S.S.

Even though the college has quite a number of Best Practices, Two of them, “NET-SET examination guidance workshop” and “Kisan Poor Student Welfare Fund” deserve special mention. There is a growing need for educational institutions to become more accountable to the needs of the students and the society.

#### **Best Practice I**

**1. Title of the practice- “NET-SET examination guidance workshop”**

**2. Goals:**

- To promote awareness in UG and PG students about NET/SET examination.
- To motivate students for prospective of JRF and research
- To intensively guide students for NET/SET examination
- To build among students a sense of awareness, provide guidance, necessary literature, brochure and other information about NET/SET examinations.

### 3. Context:

The proportion of rural student in qualifying NET/SET and GATE examination is very less, Also very few students get motivated for research because of lack of financial support and awareness. In this context the stakeholders of the institute and department of chemistry has taken initiative to make aware students about JRF and NET/SET and GATE examination. Hence, department of chemistry organizes workshop on techniques in preparation of NET/SET and GATE examination in chemistry since last five years.

### 4. The practice-

The awareness among the students is integrated into the practice during curriculum and through frequent invited talks and workshops. Expertise from different university/institutes are invited for NET/SET and GATE workshop in which focus is given on details of examination, syllabi, examination pattern and content materials are thoroughly discussed and guided to the students.

### 5. Evidence of Success:

The evidence of the success of the practice is the 10 students are qualified for NET/SET and GATE Examination for JRF and LS. And list is given below

Sr No	Name of the Student	Examination Qualified
1	Dr. Umesh Daga Patil	CSIR-UGC-NET in 2006, June 2011 All India Rank 38, December 2011 All India Rank 22, June 2012 All India Rank 75, GATE
2	Miss. Priyanka Suresh Sisode	NET, GATE
3	Mr. Anil Shantaram. Patil	NET, SLET,
4	Mr. Sandip Pandurang. Patil	NET
5	Mr. Vijay Jaywantrao. Desale	NET, SLET,
6	Mr. Atul Shivaji Patil	NET SLET, NET, GATE
7	Mr. Raosaheb Shivaji Patil	SLET, NET, GATE
8	Mr. Haribhau Kumbhar	NET
9	Mr. Rahul Pitambar Kedar	NET, GATE
10	Mr. Kishor Ragunath Pawar	NET, University Gold Medal , M. Sc Polymer

## **6. Problems Encountered and Resources Required:**

The students appearing in the institution are from rural area and they are not aware about NET/SET and GATE examination and opportunities after qualifying them. North Maharashtra University has sponsored the workshop 3 times by giving partial financial support. The financial assistance is also major problems in conducting the workshop.

## **7. Notes:**

The workshops is a healthy practice that institution has adopted. It encourages the students for preparation of NET/SET and GATE examination and hence getting JRF and LS. A feedback mechanism on the practice is ensure the positive results.

## **Best Practice II**

### **1. Title of the Practice “Kisan Poor Students Welfare Scheme (KPSWS)”**

- To promote the poor and needful students by helping financially for higher education.
- To bring rural and poor students into the main progressive stream of society.
- To create a new hope of education among rural students.

### **2. Goals:**

- To remove the financial obstacles that speed break the process of education.
- To build confidence among the students for higher education.

### **3. Context:**

The Vision and Mission statements of the Institution emphasize on the importance of creating ideal students beneficial to society. Kisan poor student’s welfare scheme, practices the concept of economically poor and needy students. Kisan poor student’s welfare scheme, financially poor students are selected. The students are adopted by the staff to fulfill their essential academic financial need like exam fee, admission fee, books and stationary, traveling expenses etc.

Kisan poor student’s welfare scheme committee select some of the students are not financially well to take education. This scheme gives a new opportunity to them. The parents of such students are agree to send in their children because of this timely financial help.

### **4. The Practice:**

The staff of the college individually agree to provide financial assistance to the economically poor and needy students. For the purpose a committee was constituted

which identifies such students by taking application and interviews and then by observing the interest of the students towards higher education and need the financial assistance was given to meet the expenses for exam fee, admission fee, books and stationary, traveling expenses etc.

#### **5. Evidence of Success:**

It has been observed that by helping such needy students their interest in class room and performance was improved. The students are motivated towards higher education.

#### **6. Problems Encountered and Resources Required:**

Due to rural area most of the students belong to farmer and farm working families. More numbers of students are needed for help. Hence the resources are not sufficient but till the staff of college has taken an initiative for partial fulfillment of this.

#### **7. Notes:**

The students are satisfied with this timely help.

#### **8. Contact details:**

**Name of the Principal:** Dr. Y.V.Patil

**Name of the Institution:** KVP'S Kisan Arts, Commerce & Science College  
Parola. Dist- Jalgaon.

**City:** Parola.

**Pin Code:** 425111

**Accredited Status:** C

**Work Phone:** 02597-292441

**Website:** <http://www.kisanacscollegeparola.in>

**E-mail:** [principalkc@rediffmail.com](mailto:principalkc@rediffmail.com)



## DEPARTMENT OF CHEMISTRY

1. **Name of the Department:** Chemistry
2. **Year of Establishment:** July 1992
3. **Names of Programmes / Courses offered:** U.G. - B.Sc., Ph.D.
4. **Names of Interdisciplinary courses and the departments / units involved:--**Nil
5. **Annual/ semester/choice based credit system (programme wise):** Semester & CGPA
6. **Participation of the department in the courses offered by other departments:**  
Physics, Mathematics, Botany, Zoology, Geography Computer Science and B. Voc.(Soil and water Conservation)
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts:**

Sr. No.	Posts	Sanctioned	Filled
1	Professor	00	00
2	Associate Professor	00	00
3	Assistant Professor	07	05

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Experience (Years)	Ph.D. Students guided for last 4 year
Dr.G.H. Sonawane	M.Sc. Ph.D. B.Ed.	Vice Principal, HOD, Assist. Prof.	Physical Chemistry	22	08
Dr.B.S. Bhadane	M.Sc. Ph.D.	Assist. Prof.	Organic Chemistry	23	Nil
Mr.S.S. Patil	M.Sc.	Assist. Prof.	Inorganic Chemistry	22	Nil
Mrs.A.D. Mudavadkar	M.Sc. M.Phil. B.Ed,	Assist. Prof.	Physical Chemistry	16	Nil
Mr.A.S. Waghmare	M.Sc.NET, B.Ed,	Assist. Prof.	Organic Chemistry	04	Nil

11. **List of senior visiting faculty:** Nil

**12. Percentage of lectures delivered and practical classes handled (programme wise) by Temporary faculty:** 20%

**13. Student: Teacher Ratio (programme wise):**

	F. Y. B.Sc.	S.Y.B.Sc.	T.Y.B.Sc.	Ratio
No. of Students	143	133	80	71: 1
No. of eachers	5			

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

<b>Sr. No.</b>	<b>Post</b>	<b>Sanctioned</b>	<b>Filled</b>
<b>1</b>	Laboratory Assistant	01	01
<b>2</b>	Laboratory Attendant	04	04

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Educational Qualification</b>
<b>1</b>	Dr.G.H. Sonawane	M.Sc. Ph.D. B.Ed.
<b>2</b>	Dr.B.S. Bhadane	M.Sc. Ph.D.
<b>3</b>	Mr.S.S. Patil	M.Sc.
<b>4</b>	Mrs.A.D. Mudawadkar	M.Sc. M.Phil. B.Ed,
<b>5</b>	Mr.A.S. Waghmare	M.Sc.NET

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** 02

<b>Name</b>	<b>Title of Project</b>	<b>Nature, Amount of Project (INR)</b>	<b>Duration</b>	<b>Funding Agency</b>
Mr. B. S. Bhadane	Physical Biochemical and Metallic Studies of Cattles Milk.	Minor Research Project, Completed <b>30,000</b>	2004-06	UGC, WRO, Pune
Dr. G.H. Sonawane	Detection and identification and removal of organic compunds (particularly dyes) by using chemically modified low cost adsorbents	Minor Research Project, Completed <b>35,000</b>	2006-08	UGC, WRO, Pune
Mr. B. S. Bhadane	Studies on Ultrasonic and clouding behavior of nonionic surfactant in aqueous medium.	Minor Research Project, Completed <b>80,000</b>	2010-11	UGC, WRO, Pune
Dr. G.H. Sonawane	Acombined effect of ultrasound cavitation on adsorption kinetics in removal of dyes along with bio-adsorbents	Minor Research Project, Completed <b>95,000</b>	2010-12	UGC, WRO, Pune

Mrs. A. D. Mudawadkar	Studies on Thermodynamics of Micellization of anionic and non ionic surfactants in presence of organic additives using clouding phenomenon	Minor Research Project, Ongoing	3,45,000	2014-16	UGC, WRO, Pune
Dr. G.H. Sonawane	Intensification of Degradation of Organic Dyes Using Sonochemical Reaction	Minor Research Project, Ongoing	70,000	2015-17	VCRMS, NMU, Jalgaon
Total Grants			6,55,000		

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:** Nil

**18. Research Centre / facility recognized by the University:** Yes, M. Phill., Ph. D.

Name of Recognized Research Centre	Name of the Recognized Guide	Recognition for the courses	Recognized by	Students registered and working for	
Department of Chemistry	Dr. G. H. Sonawane	M. Phil. and Ph. D.	North Maharashtra University, Jalgaon	M.Phil. - 00	Ph.D - 08

**19. Publications:**

Sr. No.	Particulars	Name of Faculty		
		Dr. G. H. Sonawane	Dr. B. S. Bhadane	Mrs. A. D. Mudawadkar
1	Number of Papers Published in Peer Reviewed International and National Journals	30	07	06
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat. Social Sciences Directory, EBSCO host, etc.)	--	--	--
3	Monographs	--	--	--
4	Chapter in Books	07	01	01
5	Books Edited	--	--	--
6	Total Citations	84	--	--
7	Citation Index	--	--	--
8	Source Normalized Impact Per Paper (SNIP)	Below table	--	--
9	SCImago Journal Ranking (SJR)	Below table	--	--
10	Impact Factor	Below table	--	--

11	h-index	04	--	--
12	i 10 - index	02	--	--

Journal Name	SNIP	SJR	Impact factor
Desalination	2.145	1.761	3.765
Desalination and water treatment	--	0.433	1.173
Oriental Journal of Chemistry	0.578	0.270	0.479
Tenside Surfactant and Detergents	0.359	0.240	0.981
J. of Industrial & Engineering Chemistry	1.400	0.815	3.512
J of Environmental Chemical Engineering	1.054	0.520	--

## 20. Areas of consultancy and income generated:

- Department provides 'Soil and water testing' facilities & recommends suitable doses of the required fertilizer and soil amendments to the farmers at the free of cost.

## 21. Faculty as members in:

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	03	Dr G. H. Sonawane, Dr. B.S. Bhadane Mr. S. S. Patil, Member of Advisory Committee, Recent Trends and Advances in Chemical Science, National Conference at B. Raghunath College, Parbhani M.S.
International Committees	--	-
Editorial Board	01	Dr. G. H. Sonawane

## 22. Student projects:

Percentage of students done	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including interdepartmental/programme	Nil	Nil	Nil	Nil	Nil
placed for projects in organizations outside the Institution	Nil	Nil	Nil	Nil	Nil

## 23. Awards / Recognitions received by faculty and students:

### A. Students:

#### Mr. Patil Atul Shivaji

- University Second Rank with 90.9%

#### Mr. Patil Samadhan Arjun

- Received University Gold Medal in March 2011 with 91 %

**Mr. Shaikh Azim K.**

- First Prize in University Level Power Point Competition On “**Nuclear Energy as Future Energy**” at JTES Arts Commerce and Science College, Jamner 10<sup>th</sup> January 2015.

**Mr. Mahajan Vilas. K.**

- **1<sup>st</sup> Prize of Best Oral Research Paper Award:** 5<sup>th</sup> National Conference on Recent Advances in Chemo and Bio Sciences (RACBS-2015) jointly organized by M J College, Jalgaon and Post Graduate College of Science, Technology and Research, Jalgaon on 23-24 January 2015.

**B. Faculty:**

**1. Dr. G. H. SONAWANE**

- **Young Scientist Award-2007:** By Indian Council of Chemist in 26<sup>th</sup> National Conference held at Dr. H. S. Gour University, Sagar (M.P.) during 26 to 28 Feb. 2008 for Best Research Paper.
- **1<sup>st</sup> Prize of Best Oral Research Paper Award :** International Level Conference on Green Chemistry and Environmental Pollution (GCEP-2010), held at S.S.V.P.S's L.K. Dr P. R. Ghogrey Science College, Dhule (M.S.) 16-17 January 2010
- **2<sup>nd</sup> Prize of Best Oral Research Paper Award:** International Level Conference on Biodiversity and Environmental Crisis- Post Present and Future (ICBEC-2011), S.S.V.P.S L.K. Dr P. R. Ghogrey Science College, Dhule (MS), 11 to 13 February 2011.
- **1<sup>st</sup> Prize of Best Oral Research Paper Award:** 5<sup>th</sup> National Conference on Recent Advances in Chemo and Bio Sciences (RACBS-2015) jointly organized by M J College, Jalgaon and Post Graduate College of Science, Technology and Research, Jalgaon on 23-24 January 2015.

**24. List of eminent academicians and scientists / visitors to the department:**

Name of Academician	Position	Place
Dr. B. V. Pawar	Dean, Faculty of Science,	NMU, Jalgaon
Dr. P. P. Mahulikar	Director ,	School of Chemical Sciences, NMU, Jalgaon
Dr. C.P. Sawant	Chairman, Board of Studies in Chemistry, NMU Jalgaon	G. T. P. College, Nandurbar

Dr. G. S. Rashinkar	Associate Professor, Department of Chemistry,	Shivaji University, Kolhapur.
Dr. Chagan Tele	Retd. Scientist	USA
Dr. ShirishH. Sonawane	Associate Professor,	Department of Chemical Engg. National Institute of Technology , Warangal (AP)

## 25. Seminars/ Conferences/Workshops organized and the source of funding: 04

Title of Workshop Organised	Funding agency	Date
State level Workshop on NET-SET Preparation Workshop	KVPS Arts Commerce and Science College Parola Dist Jalgaon	22 August 2011.
State level Workshop on Techniques in preparation of NET- SET Examinations in Chemistry	BCUD, North Maharashtra University Jalgaon	31 January 2013.
State level Workshop on Techniques in preparation of NET- SET Examinations in Chemistry	BCUD, North Maharashtra University Jalgaon	24-25 January 2014
State level Workshop on Techniques in preparation of NET- SET Examinations in Chemistry	BCUD, North Maharashtra University Jalgaon	6-7 February 2015

## 26. Student profile programme / course wise:

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2011-12	F.Y.B.Sc.	173	173	152	21	79
	S.Y.B.Sc.	66	66	55	11	82
	T.Y.B.Sc.	57	57	52	5	81
2012-13	F.Y.B.Sc.	172	172	124	48	85.1
	S.Y.B.Sc.	63	63	46	17	70.3
	T.Y.B.Sc.	33	33	28	5	94.4
	Ph. D.	04	04	04	00	--
2013-14	F.Y.B.Sc.	179	179	136	43	74
	S.Y.B.Sc.	106	106	80	26	83
	T.Y.B.Sc.	59	59	45	14	78
	Ph. D.	08	08	08	00	--
2014-15	F.Y.B.Sc.	178	178	139	39	74.7
	F.Y.B.Voc.(SWC)	28	28	19	09	60
	S.Y.B.Sc.	116	116	84	32	65
	T.Y.B.Sc.	58	58	43	15	70
	Ph. D.	08	08	08	00	--
2015-16	F.Y.B.Sc.	143	143	89	54	--
	S.Y.B.Sc.	133	133	109	24	--

	T.Y.B.Sc.	81	81	56	25	--
	F.Y.B.Voc.(SWC)	48	48	41	07	--
	S.Y.B.Voc. (SWC)	09	09	02	07	--
	Ph. D.	08	08	08	08	--

## 27. Diversity of Students:

Name of the Course	%of Students From the Same State	% of students From other States	% of Students From abroad
F. Y. B. Sc.	100%	Nil	Nil
S. Y. B. Sc.	100%	Nil	Nil
T. Y. B. Sc.	100%	Nil	Nil

## 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: 10

Sr No	Name of the Student	Examination Qualified
1	Dr. Umesh Daga Patil	CSIR-UGC-NET in 2006, June 2011 <b>All India Rank 38</b> , December 2011 <b>All India Rank 22</b> , June 2012 <b>All India Rank 75</b> , GATE
2	Miss. Priyanka Suresh Sisode	NET, GATE
3	Mr.Anil. Shantaram. Patil	NET, SLET,
4	Mr.Sandip. Pandurang. Patil	NET
5	Mr.Vijay. Jaywantrao. Desale	NET, SLET,
6	Mr.Atul. Shivaji. Patil	NET SLET,NET,GATE
7	Mr.Raosaheb. Shivaji. Patil	SLET, NET,GATE
8	Mr.Haribhau Kumbhar	NET
9	Mr.Rahul Pitambar Kedar	NET,GATE
10	Mr.Kishor Ragunath Pawar	University Gold Medal , M. Sc Polymer

## 29. Student progression:

Student progression	Against % Enrolled
UG to PG	<b>60%</b>
PG to M. Phil	--
PG to Ph. D	--
Ph. D to Post-Doctoral	--
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than Campus Recruitment</li> </ul>	-
Entrepreneurship/Self-employment	-

## 30. Details of Infrastructural facilities:

- Department is having Laboratory area of 40 X 30ft = 1200 sq. ft., Research Laboratory 20X25ft = 500Sq ft., Store Room 15X15=225 Sq Ft
- Department is having 4 Computers with scanner, printer, LCD projector, Xerox machine and Internet facility for research students, Various Charts, Models, and equipment's are available to conduct the practical at the F.Y.,S. Y. and T. Y. B.Sc. Students.
- Department having Library facility- Along with central library facility students can avail departmental library facility which increases the subject interest among the students.
- Department is having equipment's like UV-Visible Spectrophotometer, Flame Photometer, Ultrasound probe Sonicator, Ultrasound Interferometer, Muffle furnace and other necessary

**31. Number of students receiving financial assistance from College, university, government or other agencies:**

About 90 percent of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government, while 2 percents students get benefitted to 'Earn and Learn' scheme and around 1 percent students get benefitted to Economically Weaker section scholarship sponsored by University and College.

**32. Details on student enrichment programmes (special lectures / workshops / seminar)**

**with external experts:**

- State level Workshops on Techniques in preparation of NET- SET Examinations in Chemistry is organised every year since 2011.
- Conducts University LevelCAT (Chemistry Ability Test) examination organized by Late Dr. P. R. Ghogrey Science College,Dhule.
- Industrial study Tour for students.
- Guest Lectures

**33. Teaching methods adopted to improve student learning:**

Along with lecture method we are using group discussion, home assignment's, models, charts, and power point presentation.

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**



- Department conducts soil and water analysis for farmers free of cost.
- Head of the department Dr. G. H. Sonawane is the Vice-Principal of the college and Co-ordinator of B. Voc.
- Dr. B. S. Bhadane was NSS programme officer (2010-2013), Chairman Admission Committee 2015-16.
- Mrs A. D. Mudawadkar was NSS programme officer (2007-2010), assistant Student Welfare officer (2012-15, 2015-2018)
- Mr. S. S. Patil is the co-ordinator of health committee, Member, Student Council Committee.
- Mr. A. S. Waghmare is assistant Student Welfare officer (2015-2018)
- Participation in blood donation camp organized by college every year.
- Involvement in rallies against social evils.
- Save water drive, Tree plantation, Survey of rural area, Water literacy, Blood donation etc.
- Celebration of environmental days in collaboration with N.S.S.

### **35. SWOC analysis of the department and Future plans:**

#### **A. Strengths:**

- 10 of our students have qualified NET, SLET and GATE Examination.
- Since last 5 Years we are organizing workshop for students to prepare NET SLET examination
- High proportions of students are getting admission to M. Sc.
- Students overall performance is good.
- 100 % faculty is engaged in research (Three faculties are registered for Ph.D. One is M. Phil. and two are Ph.D.).
- Increasing girl students than the boys for chemistry.
- Departmental library.
- Recognized for Post Graduate Research Centre.
- 3 Minor research projects are completed and 2 are ongoing.
- Remedial course for FY and SY B Sc students
- Department has published 37 research articles in National and International Journals

#### **B. Weaknesses:**

- Lack of sufficient space for virtual class room and e-library

**C. Opportunities:**

- To take the various grants from UGC, DST and other funding agencies.
- To establish research facilities in rural area.
- Interdisciplinary Certificate Course

**D. Challenges:**

- To Promote students for self employment.

**FUTURE PLANS:**

- To start M. Sc. Course in Chemistry.
- To conduct minor and major research projects.
- Interdisciplinary Certificate Course
- To organise Workshop and National conference
- Department desire to organise series of lectures of eminent scientist.

## DEPARTMENT OF PHYSICS

1. Name of the Department: Physics
2. Year of Establishment: July 1992
3. Names of Programmes / Courses offered: B.Sc (Genral).
4. Names of Interdisciplinary courses and the departments / units involved: Nil
5. Annual/ semester/choice based credit system (programme wise):Semester, CGPA
6. Participation of the department in the courses offered by other departments:Mathematics, chemistry, computer, B.Voc.(Software Development).
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses / programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Sr. No.	Posts	Sanctioned	Filled
1	Professor	Nil	Nil
2	Associate Professor	Nil	Nil
3	Assistant Professor	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience	Ph.D. Students guided for last 4 year
Mr. N. B. Shirsath	M.Sc., M.Phil. B.Ed.	Assistant Professor	Physics	16	Nil
Dr. D. B. Salunkhe	M.Sc. Ph. D	Assistant Professor	Physics with Material Science	01	Nil

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
13. Student: Teacher Ratio (programme wise):

	F.Y. Bsc.	S.Y. B.Sc.	Ratio
No. of Students	60	32	31: 1
No. of Teachers	2		

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Lab Assistant	01	01
2	Lab attendant	02	02

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr. N. B. Shirsath	M.Sc., M.Phil. B.Ed.
2	Dr. D. B. Salunkhe	M.Sc. Ph. D

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**

Nil

Name	Title of Project	Nature, Amount of Project (INR)	Duration	Funding Agency
Nil	Nil	Nil	Nil	Nil

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
Nil	Nil	Nil	Nil	Nil

**18. Research Centre / facility recognized by the University:**

Name of Recognized Research Centre	Name of the Recognized Guide	Recognition for the courses	Recognized by.....	Students registered and working for	
				M.Phil	Ph.D
Nil	Nil	Nil	Nil	Nil	Nil

**19. Publications:**

Sr. No	Particulars	Name of Faculty
		Dr. D. B. Salunkhe
1	Number of Papers Published in Peer Reviewed International and National Journals	6
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat.Social Sciences Directory, EBSCO host, etc.)	6
3	Monographs	--
4	Chapter in Books	--
5	Books Edited	--

<b>6</b>	Total Citations	21
<b>7</b>	Citation Index	21
<b>8</b>	Source Normalized Impact Per Paper (SNIP)	Below table
<b>9</b>	SCImago Journal Ranking (SJR)	Below table
<b>10</b>	Impact Factor	Below table
<b>11</b>	h-index	3
<b>12</b>	i 10 - index	1

<b>Journal Name</b>	<b>SNIP</b>	<b>SJR</b>	<b>Impact factor</b>
Chemical Physics Letter	0.756	0.691	2.33
Journal of Alloys & Compounds	1.642	1.091	2.99
Journal of Scientific Review	--	--	--
Materials Science in Semiconductor Processing	1.020	0.533	1.95
Ceramics International	1.631	0.835	2.6

**20. Areas of consultancy and income generated:**

Nil

**21. Faculty as members in:**

<b>Faculty as members in....</b>	<b>No. of Faculties</b>	<b>Name of Faculties</b>
<b>National Committees</b>	Nil	Nil
<b>International Committees</b>	Nil	Nil
<b>Editorial Board</b>	Nil	Nil

**22. Student projects:**

<b>Percentage of students done...</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>
<b>in-house projects including interdepartmental/programme</b>	Nil	Nil	Nil	Nil	Nil
<b>placed for projects in organizations outside the Institution</b>	Nil	Nil	Nil	Nil	Nil

**23. Awards / Recognitions received by faculty and students:**

**A. Students:**

Nil

**B. Faculty:**

**Dr. D. B. Salunkhe**

- 1. Junior Research Fellow** on the **DAE-BRNS** sanctioned project entitled as “Chemical synthesis of quantum dots and their light sensitization for solar cell application” **Funding Agency- DAE-BRNS., Mumbai, India. [For the period 01<sup>st</sup> November 2010 to 31<sup>st</sup> March 2012]**

2. **Senior Research Fellow** on the **DAE-BRNS** sanctioned project entitled as “Chemical synthesis of quantum dots and their light sensitization for solar cell application” **Funding Agency- DAE-BRNS., Mumbai, India. [For the period 31<sup>st</sup> March 2012 to 31<sup>st</sup> March 2013]**
3. Awarded by **MHRD and DST, Govt. of India** to participate in the meeting (December 8-14, 2010) of “**Nobel Laureates**” in **Indian Institute of Information Technology, Allahabad.**
4. **First prize poster presentation** National conference on “Indian development in recent and ideal semiconductors for novel applications” held at Navapur (MS)
5. **Second prize poster presentation** National conference on “Advance Materials and its applications” held at Dondicha (MS) India, during 1<sup>st</sup> and 2<sup>nd</sup> February 2013.

**24. List of eminent academicians and scientists / visitors to the department:**

1. Dr. L. A. Patil
2. Dr. B. V. Pawar

**25. Seminars/ Conferences/Workshops organized and the source of funding: Nil**

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage (%)
				Male	Female	
<b>2011-12</b>	F.Y.B.Sc.	60	60	38	22	43
	S.Y.B.Sc.	29	29	18	11	68
<b>2012-13</b>	F.Y.B.Sc.	77	77	55	22	45
	S.Y.B.Sc.	19	19	12	7	65
<b>2013-14</b>	F.Y.B.Sc.	82	82	55	27	48
	S.Y.B.Sc.	29	29	22	7	75
<b>2014-15</b>	F.Y.B.Sc.	59	59	49	10	38
	F.Y.Bvoc.	31	31	21	10	35
	S.Y.B.Sc.	28	28	15	13	64
<b>2015-16</b>	F.Y.B.Sc.	60	60	37	23	NA
	F.Y.Bvoc.	51	51	36	15	NA
	S.Y.B.Sc.	36	36	36	00	NA
	S.Y.Bvoc.	31	31	21	10	NA

**27. Diversity of Students:**

Name of the subject	% of the students from the same	% of the students from the other	% of the students from the abroad
---------------------	---------------------------------	----------------------------------	-----------------------------------

	<b>state</b>	<b>state</b>	
Physics	100%	Nil	Nil

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: Nil**

**29. Student progression:**

<b>Student progression</b>	<b>Against % Enrolled</b>
<b>UG to PG</b>	N.A.
<b>PG to M.Phil</b>	N.A.
<b>PG to Ph.D</b>	N.A.
<b>Ph.D to Post-Doctoral</b>	N.A.
<b>Employed</b>	N.A.
<b>Campus selection</b>	
<b>Other than Campus Recruitment</b>	
<b>Entrepreneurship/Self-employment</b>	N.A.

**30. Details of Infrastructural facilities:** Department having area of 7.6 M X 7 M = 53.2 sq. M. and it consists of Computer and Internet facility for students, Various tools are available to conduct the practical at the F.Y. and S. Y. Bsc. Students.

**31. Number of students receiving financial assistance from College, university, government or other agencies:**

About 90 percent of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government, while 1 percents students get benefitted to 'Earn and Learn' scheme and around 2 percent students get benefitted to Economically Weaker section scholarship sponsored by University and College.

**32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

- Special Seminar and Lectures were arranged for the students to enrich their knowledge.
- Dr. L. A. Patil (Expert, Nano science, Pratap College,) Amalner .
- Lecture on Raman Effect on occasion of National Science Day in the Memory of Sir C. V. Raman.

**33. Teaching methods adopted to improve student learning:**

- Interactive lecture method is used to encourage students to express themselves and consolidate their understanding of the topic taught.

- ICT based teaching tools such as power point presentation, audio-visual aids and internet in teaching-learning processes is being used for some important topics.
- Seminars are conducted for the students on different topic of syllabi.

### **34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- Tree plantation, Survey of rural area, Water literacy, Blood donation

### **35. SWOC analysis of the department and Future plans:**

#### **A. Strengths:**

- 100 % faculty is engaged in research (one faculty is registered for Ph.D and other is having Ph.D degree).
- Students overall performance is good.

#### **B. Weaknesses:**

- Lack of specialization in Physics at the T.Y. B.Sc. level and special research laboratory
- Lack of sufficient space for virtual class room and e-library

#### **C. Opportunities:**

- To take the various grants from UGC, DST and other funding agencies for research projects.
- To establish research facilities in rural area.

#### **D. Challenges:**

- To encourage the students about challenges of Physics, because they are from rural area as well as poor in Mathematics.

#### **FUTURE PLANS:**

- To start T.Y. B.Sc. (Physics) course
- To established the research laboratory.
- To conduct minor and major research projects.
- So, we hope to make positive efforts to evaluate these plans into reality.



## DEPARTMENT OF BOTANY

- 1. Name of the Department:** Botany
- 2. Year of Establishment:** July 1992
- 3. Names of Programmes / Courses offered:** UG B.Sc (Genral)
- 4. Names of Interdisciplinary courses and the departments / units involved:** Nil
- 5. Annual/ semester/choice based credit system (programme wise):** B. Sc. Semester, CG PA
- 6. Participation of the department in the courses offered by other departments:** Chemistry, Physics, Zoology, Geography and B.Voc (Soil water Conservation)  
Faculties delivered lectures of Environmental Science at First Year of B. A. B.Com and B.Sc. and General Knowledge at Second Year of B. A. B.Com and B. Sc.
- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
- 8. Details of courses / programmes discontinued (if any) with reasons:** Nil
- 9. Number of Teaching posts:** 03

Sr. No.	Posts	Sanctioned	Filled
1	Professor	00	00
2	Associate Professor	00	00
3	Assistant Professor	03	03

- 10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Experience	Ph.D. Students guided for last 4 year
Mr. R.A. Shelke	M.Sc	Assistant Professor	Angiosperm Taxonomy	22 yrs	NIL
Dr. R.S. Patil	M.Sc., Ph.D	Assistant Professor	Plant Physiology	22 yrs	NIL
Dr. P. P. Patil	M.Sc., Ph.D	Assistant Professor	Mycology	04 yrs	NIL

- 11. List of senior visiting faculty:** Nil
- 12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** Nil
- 13. Student: Teacher Ratio (programme wise):** 61:1

Programme	No. of students	No. of Teachers	STR
B.Sc. (Gen.)	183	03	61

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Lab Assistant	01	01
2	Lab Attendant	01	01

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr. R.A. Shelke	M.Sc.
2	Dr. R.S. Patil	M.Sc., Ph.D
3	Dr. P. P. Patil	M.Sc., Ph.D

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
Dr. R.S. Patil	Biodiversity of Marine Fungi from Kerala Coast	Rs. 50,000	2002-2004	UGC

**18. Research Centre / facility recognized by the University:** Nil

**19. Publications:**

Sr. No.	Particulars	Dr. R.S. Patil	Dr. P.P. Patil
1	Number of Papers Published in Peer Reviewed International and National Journals	04	04
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat. Social Sciences Directory, EBSCO host, etc.)	--	--
3	Monographs	--	--
4	Chapter in Books	--	--
5	Books Edited	--	--
6	Total Citations	--	--
7	Citation Index	--	--

<b>8</b>	Source Normalized Impact Per Paper (SNIP)	--	--
<b>9</b>	SCImago Journal Ranking (SJR)	--	--
<b>10</b>	Impact Factor	--	--
<b>11</b>	h-index	--	--
<b>12</b>	i 10 – index	--	--

**20. Areas of consultancy and income generated:**

Nil

**21. Faculty as members in:**

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	Nil	Nil
International Committees	Nil	Nil
Editorial Board	Nil	Nil

**22. Student projects:**

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including interdepartmental/programme	Nil	Nil	Nil	Nil	Nil
placed for projects in organizations outside the Institution	Nil	Nil	Nil	Nil	Nil

**23. Awards / Recognitions received by faculty and students:**

**A. Students:**

Nil

**B. Faculty:**

Nil

**24. List of eminent academicians and scientists / visitors to the department:** Nil

**25. Seminars/ Conferences/Workshops organized and the source of funding:** Nil

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
<b>2010-11</b>	FYBSc	134	133	112	21	69.84
	SYBSc	37	37	34	03	84.31
<b>2011-12</b>	FYBSc	165	165	147	18	48.03
	SYBSc	52	51	43	09	71.99
<b>2012-13</b>	FYBSc	158	156	114	44	62.35
	SYBSc	48	48	35	13	84.34
<b>2013-14</b>	FYBSc	158	134	120	38	81.92
	SYBSc	55	54	42	13	78.84
<b>2014-15</b>	FYBSc	148	148	109	39	82.69
	SYBSc	63	62	44	19	69.99

**27. Diversity of Students:**

Name of the subject	% of the students from the same state	% of the students from the other state	% of the students from the abroad
Botany	100%	Nil	Nil

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?:N.A.**

**29. Student progression:**

Student progression	Against % Enrolled
UG to PG	Nil
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than Campus Recruitment</li> </ul>	Nil
Entrepreneurship/Self-employment	Nil

**30. Details of Infrastructural facilities:**

Our Department is having departmental library facility. Department having area of 0.6 M X 7.40 M. and it consists of Computer and Internet facility for students, Various tools are available to conduct the practical at the F.Y. and S. Y. BSc. Students.

**31. Number of students receiving financial assistance from College, university, government or other agencies:**

About 90 percent of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government, while 1 percents students get benefitted to 'Earn and Learn' scheme and around 2 percent students get benefitted to Economically Weaker section scholarship sponsored by University and College.

**32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

Special Seminar and Lectures were arranged for the students to enrich their knowledge.

**33. Teaching methods adopted to improve student learning:**

- Interactive lecture method is used to encourage students to express themselves and consolidate their understanding of the topic taught.
- ICT based teaching tools such as power point presentation, audio-visual aids and internet in teaching-learning processes is being used for some important topics.
- Seminars are conducted for the students on different topic of syllabi.

#### **34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

Faculties and students are engaged in the social responsibilities and extension activities for the College, one of faculty Captain Dr. R.S. Patil is working as NCC officer and Mr R A Shelke working as Assistant Program Officer for NSS.

Mr. R.A. Shelke is a member of Health Committee, Gathering committee and Admission Committee. Dr. R.S. Patil is a chairman of Admission Committee and Discipline Committee and member of Student Council Committee. Dr. P.P. Patil is Member of Examination Committee as well as staff Secretary.

#### **35. SWOC analysis of the department and Future plans:**

##### **A. Strengths:**

- 100 % faculty is engaged in research.
- Students overall performance is good.
- Two out of three faculties are engaged in co-curricular activities like NSS and NCC

##### **B. Weaknesses:**

- Lack of specialization in Botany at the T.Y. B.Sc. level and special research laboratory
- Lack of sufficient space for virtual class room and e-library

##### **C. Opportunities:**

- To take the various grants from UGC, DST and other funding agencies for research projects.
- To establish research facilities in rural area.

##### **D. Challenges:**

#### **FUTURE PLANS:**

- To start T.Y. B.Sc. (Botany) course

- To established the research laboratory.
- To conduct minor and major research projects.

## DEPARTMENT OF ZOOLOGY

1. Name of the Department: Zoology
2. Year of Establishment: 1992
3. Names of Programmes / Courses offered: U.G.B.Sc.
4. Names of Interdisciplinary courses and the departments / units involved: Nil
5. Annual/ semester/choice based credit system (programme wise): B. Sc. Semester, C. G. P. A.
6. Participation of the department in the courses offered by other departments: Chemistry, Botany, Physics, Mathematics, Geography, Marathi, B.VocSoftware development and soil and water conservation, B.Sc. Computer Science
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses / programmes discontinued (if any) with reasons: Nil
9. Number of teaching posts:

Sr. No.	Posts	Sanctioned	Filled
1	Professor	00	00
2	Associate Professor	00	00
3	Assistant Professor	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience	Ph.D. Students guided for last 4 year
Dr. N.H. Desale	M.Sc. Ph.D.	Asst. Professor	Entomology, ornithology	22	--
Mr.S.B. Patil	M.Sc.	Asst. Professor	Entomology	20	--

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by Temporary faculty: 15%
13. Student: Teacher Ratio (programme wise): 45:1

Programme	No. of students	No. of Teachers	STR
B.SC. (Spl.)	08	02	4:1
B.Sc. (Gen.)	135	02	67:5

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Lab. Assistant	1	1
2	Lab. Attendant	1	1

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Dr. N.H.Desale	M.Sc. Ph.D.
2	Mr. S.B. Patil	M.Sc.

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:** Nil

**18. Research Centre / facility recognized by the University:** No

Name of Recognized Research Centre	Name of the Recognized Guide	Recognition for the courses	Recognized by.....	Students registered and working for	
				M.Phil	PhD
Nil	Nil	Nil	Nil	Nil	Nil

**19. Publications:**

		Name of Faculty
Sr. No.	Particulars	Dr.N.H. Desale
1	Number of Papers Published in Peer Reviewed International and National Journals	01
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat. Social Sciences Directory, EBSCO host, etc.)	--
3	Monographs	--
4	Chapter in Books	--
5	Books Edited	--
6	Total Citations	--
7	Citation Index	--
8	Source Normalized Impact Per Paper (SNIP)	--
9	SCImago Journal Ranking (SJR)	--
10	Impact Factor	--
11	h-index	--
12	i 10 - index	--



**20. Areas of consultancy and income generated:**

Nil

**21. Faculty as members in:**

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	Nil	Nil
International Committees	Nil	Nil
Editorial Board	Nil	Nil

**22. Student projects:**

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
in-house projects including inter departmental/programme placed for projects in organizations outside the Institution	Nil	Nil	Nil	06	02	08
	Nil	Nil	Nil	Nil	Nil	Nil

**23. Awards / Recognitions received by faculty and students:**

Nil

**A. Students:**

Nil

**B. Faculty:**

Nil

**24. List of eminent academicians and scientists / visitors to the department:**

- Dr. P. M. Vyavhare (Ret. Prof. Dept. Of zoology Z.B. Patil College Dhule)
- Dr. B. V. Pawar (Dean of science NMU Jalgaon.)
- Dr.Y. B. Patil (Head &Vice Principal Pratap College Amalner.)
- Dr. Shirish H. Sonawane (NIT, Varangal)
- ProfessorDr. A. T. Kalse (Dept. of Zoology Rashtry College Chalisgaon)
- Professor Dr. P.S. Lohar(Dept. of Zoology A.S.C. College Chopda)

**25. Seminars/ Conferences/Workshops organized and the source of funding:** Nil

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Applicati on Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2011-2012	F.Y. B. Sc.	108	104	79	25	70
	S.Y. B. Sc.	25	25	16	09	80
2012-2013	F.Y. B. Sc.	115	111	81	30	75
	S.Y. B. Sc.	40	39	15	24	82
2013-2014	F.Y. B. Sc.	120	118	80	38	83
	S.Y. B. Sc.	66	66	42	24	85
	T.Y.B.Sc.	06	05	03	02	50
2014-15	F.Y. B. Sc.	130	126	80	46	87
	S.Y. B. Sc.	78	78	50	28	88
	T.Y.B.Sc.	05	02	00	02	50

2015-16	F.Y. B. Sc.	130	128	50	78	
	S.Y. B. Sc.	83	83	53	30	
	T.Y.B.Sc.	08	08	01	07	

## 27. Diversity of Students: Nil

Name of the subject	% of the students from the same state	% of the students from the other state	% of the students from the abroad
Zoology	100%	Nil	Nil

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:** N.A.

## 29. Student progression:

Student progression	Against % Enrolled
UG to PG	10 % approximate
PG to M.Phil	N. A.
PG to PhD	N. A.
PhD to Post-Doctoral	N. A.
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than Campus Recruitment</li> </ul>	N. A.
Entrepreneurship/Self-employment	5-10

## 30. Details of Infrastructural facilities:

- PC and broadband Internet facility LCD Projector.
- Necessary and essential instruments like Oven , Microtome, Research microscope student microscope etc.are available in the department.
- Laboratories :LAB 1: 90sq.m. LAB 2: 75sq.m.

## 31. Number of students receiving financial assistance from College, university, government or other agencies:

About 90 percent of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government, while 1 percents students get benefitted to ‘Earn and Learn’ scheme and around 2 percent students get benefitted to Economically Weaker section scholarship sponsored by University and College.

## 32. Details on student enrichment programmes (special lectures / workshops / seminar)With external experts: Special lectures and a computer based lectures and seminars etc. are arranged.

## 33. Teaching methods adopted to improve student learning:

- Power Point Presentation

- Video show
- Use of Over head Projector
- LCD
- Use of Charts, Models, live and preserved Specimens
- Group discussion
- Student Seminars and assignments

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

<b>1</b>	<b>Dr. N. H. Desale</b>	<b>Student welfare officer</b>
<b>2</b>	<b>Mr. S.B. Patil</b>	<b>Member of examination committee</b>

- Active Participation in tree Plantation Campaign
- Faculties and students of the department took part actively in annual gathering,
- Cultural programmes.
- blood donation, health care
- Promotion of Environmental awareness

**35. SWOC analysis of the department and Future plans:**

**A. Strengths:** 100 % faculty is engaged in research.

- Students overall performance is good.
- Increasing students for Zoology education

**B. Weaknesses:**

- Lack of modern classroom facilities
- lack of faculty members

**C. Opportunities:**

- Graduate students have opportunities in Forest, Fishery, Sericulture, Pharmaceutical, Chemical industries, Apiculture and other sectors of government and non-governmental organizations.
- UG and PG students can start their own small scale business related to poultry, fishery, Graduate students can opt for post-graduation studies in the department.
- Sericulture and bee-keeping.
- Students have good chances for interdisciplinary research work related to Biotechnology, Biochemistry, Bioinformatics, etc.
- There are opportunities for students in the field of education, research and social organizations.

**D. Challenges:**

- Being rural area, there is lack of industrial sectors and hence there is less availability of jobs.
- Conservation of Biodiversity.

**E. FUTURE PLANS:**

- Departmental infrastructure would be expanded.
- Interdisciplinary Certificate Course.
- Implementing a Virtual Laboratory.
- To organize national/ international conference
- To organize the workshop like syllabus framing.
- To submit the minor & major research projects.

## DEPARTMENT OF MATHEMATICS

1. Name of the Department: Mathematics
2. Year of Establishment: July 1992
3. Names of Programmes / Courses offered: B.Sc (Genral).
4. Names of Interdisciplinary courses and the departments / units involved: Nil
5. Annual/ semester/choice based credit system (programme wise): Semester & CGPA
6. Participation of the department in the courses offered by other departments: Physics, chemistry, computer, B.Voc.(Software Development).
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses / programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Sr. No.	Posts	Sanctioned	Filled
1	Professor	00	00
2	Associate Professor	00	00
3	Assistant Professor	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience (Years)	Ph.D. Students guided for last 4 year
Mr. A G Patil	M.Sc., M.Phil.	Assistant Professor	Mathematics	19	Nil

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
13. Student: Teacher Ratio (programme wise):

	F.Y.Bsc.	S.Y.B.Sc.	Ratio
No. Of Students	19	20	39: 1
No. Of Teachers	1		

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Sr. No.	Post	Sanctioned	Filled
1	Lab Assistant	00	00
2	Lab attendant	00	00

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr. A G Patil	M.Sc., M.Phil.

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**

Nil

Name	Title of Project	Nature, Amount of Project (INR)	Duration	Funding Agency
Nil	Nil	Nil	Nil	Nil

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
Nil	Nil	Nil	Nil	Nil

**18. Research Centre / facility recognized by the University:**

Name of Recognized Research Centre	Name of the Recognized Guide	Recognition for the courses	Recognized by.....	Students registered and working for	
				M.Phil	Ph.D
Nil	Nil	Nil	Nil	Nil	Nil

**19. Publications:**

Sr. No.	Particulars	Name of Faculty
		Mr. A G Patil
1	Number of Papers Published in Peer Reviewed International and National Journals	2
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat.Social Sciences Directory, EBSCO host, etc.)	--
3	Monographs	--
4	Chapter in Books	3
5	Books Edited	--
6	Total Citations	--
7	Citation Index	--
8	Source Normalized Impact Per Paper (SNIP)	--
9	SCImago Journal Ranking (SJR)	--
10	Impact Factor	--
11	h-index	--
12	i 10 - index	--

**20. Areas of consultancy and income generated:** Nil

**21. Faculty as members in:**

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	Nil	Nil
International Committees	Nil	Nil
Editorial Board	Nil	Nil

**22. Student projects:**

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme	Nil	Nil	Nil	Nil	Nil
placed for projects in organizations outside the Institution	Nil	Nil	Nil	Nil	Nil

**23. Awards / Recognitions received by faculty and students:**

**A. Students:** Nil

**B. Faculty:** Nil

**24. List of eminent academicians and scientists / visitors to the department:**

Dr. B.V.Pawar.

**25. Seminars/ Conferences/Workshops organized and the source of funding:** Nil

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2011-12	F.Y.B.Sc.	31	31	25	06	97.84
	S.Y.B.Sc.	13	13	08	05	71.89
2012-13	F.Y.B.Sc.	35	35	29	06	92.37
	S.Y.B.Sc.	09	09	06	03	74.07
2013-14	F.Y.B.Sc.	43	43	29	14	65.11
	S.Y.B.Sc.	13	13	10	03	46.15
2014-15	F.Y.B.Sc.	34	34	33	01	92.15
	S.Y.B.Sc.	12	12	07	05	44.41
2015-16	F.Y.B.Sc.	19	19	15	04	
	S.Y.B.Sc.	20	20	20	00	

**27. Diversity of Students:**

Name of the subject	% of the students from the same state	% of the students from the other state	% of the students from the abroad
Mathematics	100%	Nil	Nil

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?: Nil**

**29. Student progression:**

<b>Student progression</b>	<b>Against % Enrolled</b>
<b>UG to PG</b>	N.A.
<b>PG to M.Phil</b>	N.A.
<b>PG to Ph.D</b>	N.A.
<b>Ph.D to Post-Doctoral</b>	N.A.
<b>Employed</b>	N.A.
<b>Campus selection</b>	
<b>Other than Campus Recruitment</b>	
<b>Entrepreneurship/Self-employment</b>	N.A.

**30. Details of Infrastructural facilities:** Nil

**31. Number of students receiving financial assistance from College, university, government or other agencies:**

About 90 percent of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government, while 1 percents students get benefitted to 'Earn and Learn' scheme and around 2 percent students get benefitted to Economically Weaker section scholarship sponsored by University and College.

**32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:** Nil

**33. Teaching methods adopted to improve student learning:**

- Interactive lecture method is used to encourage students to express themselves and consolidate their understanding of the topic taught.
- ICT based teaching tools such as power point presentation, audio-visual aids and internet in teaching-learning processes is being used for some important topics.
- Seminars are conducted for the students on different topic of syllabi.

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- Mr. A G Patil is chairman of income tax planning committee, general knowledge committee and member of gathering committee.
- Tree plantation, Survey of rural area, Water literacy, Blood donation

**35. SWOC analysis of the department and Future plans:**



**A. Strengths:**

- 100 % faculty is engaged in research ( faculty is registered for Ph.D).
- Students overall performance is good.

**B. Weaknesses:**

- Lack of specialization in Mathematics at the T.Y. B.Sc. level and special research laboratory
- Lack of sufficient space for virtual class room and e-library

**C. Opportunities:**

- To take the various grants from UGC, DST and other funding agencies for research projects.
- To establish research facilities in rural area.

**D. Challenges:****FUTURE PLANS:**

- To propel the progress, the department intend.
- To start Departmental library.
- To established the research laboratory.
- To conduct minor and major research projects.
- So, we hope to make positive efforts to evaluate these plans into reality.

## DEPARTMENT OF COMPUTER SCIENCE

1. **Name of the Department:** Computer Science
2. **Year of Establishment:** 1999
3. **Names of Programmes / Courses offered:** B.Sc. (General)
4. **Names of Interdisciplinary courses and the departments / units involved:.**
5. **Annual/ semester/choice based credit system (programme wise):** Semester ,CGPA
6. **Participation of the department in the courses offered by other departments:** Physics, Mathematics, Chemistry
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil.
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts:**

Sr. No.	Posts	Sanctioned	Filled
1	Professor	0	0
2	Associate Professor	0	0
3	Assistant Professor	3	3

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Exp.
Miss. A. A. Amrutkar.	M. Sc.	Asstt. Prof.	Computer Science	3 yrs
Miss. N.R.Wani	M.Sc.	Asstt. Prof	Computer Science	1 yrs
Miss. P. Badgujar.	M.Sc.	Asstt. Prof	Computer Science	1 yrs

11. **List of senior visiting faculty: Following senior faculties have been visited to the department. :** Nil

12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 100

13. **Student: Teacher Ratio (programme wise):**

Programme	No of Students	No of teachers	STR
F.Y.B.Sc.	17	03	1:6
S.Y.B.Sc.	07	03	1:2

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Laboratory Assistant	01	01
2	Laboratory Attendant	01	01

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Miss.A.A. Amrutkar.	M.Sc.
2	Miss. N. R. Wani.	M.Sc.
3	Miss. P. Badgujar	M.Sc.

**16. Number of faculty with on-going projects from a) National b) International funding agencies and grants received:**

Name	Title of Project	Nature, Amount of Project (INR)	Duration	Funding Agency
--	--	--	--	--

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Nil

**18. Research Centre / facility recognized by the University:**

Nil

**19. Publications:**

Nil

**20. Areas of consultancy and income generated:**

Nil

**21. Faculty as members in:**

Nil

**22. Student projects:**

Nil

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme	--	--	--	--	--
placed for projects in organizations outside the Institution	--	--	--	--	--

**23. Awards / Recognitions received by faculty and students:**

**A. Students:**

Nil

**B. Faculty:**

Nil

**24. List of eminent academicians and scientists / visitors to the department:**

Dr. B.V. Pawar

**25. Seminars/ Conferences/Workshops organized and the source of funding:** Nil

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2010-11	F. Y. B. Sc.	07	07	02	05	70%
2011-12	F. Y. B. Sc.	08	08	05	3	90%
	S. Y. B. Sc.	3	3	0	3	89%
2012-13	F. Y. B. Sc.	15	15	12	3	85%
	S. Y. B. Sc.	7	7	4	3	50%
2013-14	F. Y. B. Sc.	16	16	11	5	30%
	S. Y. B. Sc.	3	3	1	2	90%
2014-15	F. Y. B. Sc.	26	26	26	0	30%
	S. Y. B. Sc.	7	7	3	4	70%
	F. Y.B.Voc.	31	31	22	9	72%
2015-16	F. Y. B. Sc.	17	17	17	0	
	S. Y. B. Sc.	7	7	7	0	
	F. Y.B.Voc.	50	50	35	15	
	S. Y.B.Voc.	24	24	15	9	

**27. Diversity of Students:**

Name of the subject	% of the students from the same state	% of the students from the other state	% of the students from the abroad
Computer Science	100%	Nil	Nil

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:** Nil

**29. Student progression:** Nil.

Student progression	Against % Enrolled
UG to PG	Nil
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than Campus Recruitment</li> </ul>	Nil
Entrepreneurship/Self-employment	Nil

**30. Details of Infrastructural facilities:**

The department of Computer Science has good infrastructural facility. There are 30 computer systems in the department with internet facility with availability of scanner and printer.

**31. Number of students receiving financial assistance from College, university, government other agencies:**

90% of the students get benefited with S.C./S.T./S.B.C./O.B.C. scholarships by the government while 2% students get benefited to earn & learn scheme sponsored by university And College.

**32. Details on student enrichment programmes (special lectures / workshops / seminar)with external experts:**

To enrich students on various topics special lectures are arranged for the students on the E-learning Content provide by Sector Skill Council India, Companies Guest Lecture Facility provide (by Video Conferencing), Hand Held Practice Workshop or Seminar arrange by IMR, Jalgaon also Collaborate Company, Communication Skills Lecture organize by Language Teachers and Guest Faculties.

**33. Teaching methods adopted to improve student learning:**

Use of smart board, projectors for power point representations.

Interactive teaching method is used.

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

**35. SWOC analysis of the department and Future plans:**

**A. Strengths:**

Well develop lab with good infrastructure.

**B. Weaknesses:**

Specialization for computer science at TY.Bsc. level is not available.

**C. Opportunities:**

Job opportunities are available in teaching profession. As well student can get job in various Software Development Industry, Government IT department. Student of software development can avail job in defense as well as planning and education departments of state and central governments.

**D. Challenges:**

**FUTURE PLANS:**

To start Bsc Computer at special level (TY Bsc).

## DEPARTMENT OF MARATHI

- 1. Name of the Department:** MARATHI
- 2. Year of Establishment:** 1977
- 3. Names of Programmes / Courses offered:** B.A (special), B.Com (general)  
B. Sc. (general)
- 4. Names of Interdisciplinary courses and the departments / units involved:** Nil
- 5. Annual/ semester/choice based credit system (programme wise):** Semester, CGPA
- 6. Participation of the department in the courses offered by other departments:** English, Hindi, History, Politics, Economics, Geography, B. Com., B. Sc., B.Voc. etc.
- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
- 8. Details of courses / programmes discontinued (if any) with reason:** Nil
- 9. Number of teaching posts:** 03

Sr. No.	Posts	Sanctioned	Filled
1	Professor	00	00
2	Associate Professor	01	01
3	Assistant Professor	02	01

- 10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Experience (years)	Ph.D. Students guided for last 4 year
Mrs.P.U. Pawar	M.A.	Asso. Prof.	Marathi	25	--
Mr.M.M. Bagale	M.A, B.Ed, NET	Asstt. Prof.	Marathi	05	--

- 11. List of senior visiting faculty:** Nil
- 12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 30
- 13. Student: Teacher Ratio (programme wise):**

Programme	No. of students	No. of Teachers	STR
B.A. (Spl.)	36	02	18:1
F.Y.B.Com	31	02	15.5:1
B.Sc. (Gen.)	139	02	69.5:1

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Nil

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Miss.P.U.Pawar	M.A
2	Mr.M.M.Bagale	M.A,B.Ed., NET

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:**

Name	Title of Project	Nature, Amount of Project (INR)	Duration	Funding Agency
Mr. M. M. Bagale	Sanjay Pawar Yanche Natya Vagmayani Badalte Samaj Vastav Darshan	1,25,000	2 Yrs. 2015-17	UGC

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:** Nil

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
Nil	Nil	Nil	Nil	Nil

**18. Research Centre / facility recognized by the University:** Nil

Name of Recognized Research Centre	Name of the Recognized Guide	Recognition for the courses	Recognized by.....	Students registered and working for	
				M.Phil	Ph.D
Nil	Nil	Nil	Nil	Nil	Nil

**19. Publications:**

Sr. No.	Particulars	Name of Faculty	
		Mrs. P. U. Pawar	Mr. M. M. Bagale
1	Number of Papers Published in Peer Reviewed International and National Journals	02	07
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat. Social Sciences Directory, EBSCO host, etc.)	--	--
3	Monographs	--	--
4	Chapter in Books	--	--
5	Books Edited	--	--

<b>6</b>	Total Citations	--	--
<b>7</b>	Citation Index	--	--
<b>8</b>	Source Normalized Impact Per Paper (SNIP)	--	--
<b>9</b>	SCImago Journal Ranking (SJR)	--	--
<b>10</b>	Impact Factor	--	--
<b>11</b>	h-index	--	--
<b>12</b>	i 10 - index	--	--

**20. Areas of consultancy and income generated:**

Nil

**21. Faculty as members in:**

Nil

Faculty as members in....	No. of Faculties	Name of Faculties
<b>National Committees</b>	Nil	Nil
<b>International Committees</b>	Nil	Nil
<b>Editorial Board</b>	Nil	Nil

**22. Student projects:** Nil

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme	Nil	Nil	Nil	Nil	Nil
placed for projects in organizations outside the Institution	Nil	Nil	Nil	Nil	Nil

**23. Awards / Recognitions received by faculty and students:** Nil

**A. Students:**

- **Miss. Patil Usha Zinga**, T.Y.B.A (Marathi) student won the third prize in **University level college magazine competition** in best article category for the year 2013-14.

**B. Faculty:**

Nil

**24. List of eminent academicians and scientists / visitors to the department:**

1. Dr. Fula Bagul, SPDM College, Shirpur Dist. Dhule
2. Prof. L. G. Sonawane, S. G. Patil College, Sakri, Dist. Dhule
3. Dr. Kailas Sarvekar, School of Languages NMU Jalgaon.
4. Mr. Liladhar Patil, DEMS Arts College, Amalner, Dist. Jalgaon
5. Dr. Madhav Kadam, GTP College, Nadurbar.

**25. Seminars/ Conferences/Workshops organized and the source of funding:** Nil

**26. Student profile programme / course wise:**



Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2010-11	FYBA G1-V	86	86	44	44	79.85
	FYBA G1-U	301	301	212	89	82.22
	FYBCOM	25	25	16	09	98.85
	SYBSC	66	66			92.71
	SYBA G2-V	38	38	25	13	89.91
	SYBA G2-U	117	117	69	48	88.71
	SYBA S-1	34	34	16	18	76.22
	SYBA S-2	34	34	16	18	71.22
	TYBA G3-V	30	30	13	17	80.91
	TYBA G3-U	121	121	48	73	87.42
	TYBA S-3	21	21	13	08	73.71
	TYBA S-4	21	21	13	08	76.22
2011-12	FYBA G1-V	173	173	123	50	91.82
	FYBA G1-U	277	277	188	89	95.22
	FYBCOM	23	23	07	16	92.85
	SYBSC	76	76			97
	SYBA G2-V	15	15	12	03	80.91
	SYBA G2-U	153	153	112	41	87.22
	SYBA S-1	36	36	11	25	78.82
	SYBA S-2	36	36	11	25	75.85
	TYBA G3-V	24	24			90.22
	TYBA G3-U	132	132			96
	TYBA S-3	29	29			70
	TYBA S-4	29	29			82
2012-13	FYBA G1-V	96	96	56	40	75
	FYBA G1-U	307	307	221	86	73.91
	FYBCOM	12	12	09	04	100
	SYBSC	89	89			96.82
	SYBA G2-V	30	30	19	11	80
	SYBA G2-U	132	132	87	45	94.82
	SYBA S-1	40	40	23	17	75.85
	SYBA S-2	40	40	23	17	70.82
	TYBA G3-V	02	02	01	01	100
	TYBA G3-U	83	83	58	25	93.22
	TYBA S-3	24	24	14	10	92.85
	TYBA S-4	24	24	14	10	85.71
2013-14	FYBA G1-V	65	65	41	23	90.91
	FYBA G1-U	334	334	259	75	94.82
	FYBCOM	16	16	11	05	96.71
	SYBSC	104	104			97.71
	SYBA G2-V	30	30	14	16	80.61
	SYBA G2-U	115	115	77	38	89.61
	SYBA S-1	24	24	11	13	81
	SYBA S-2	24	24	11	13	78.61
	TYBA G3-V	17	17	10	07	96.91
	TYBA G3-U	88	88	63	25	91.82
	TYBA S-3	32	32	21	11	80.71
	TYBA S-4	32	32	21	11	78
2014-15	FYBA G1-V	192	192	121	71	92.75
	FYBA G1-U	199	199	150	49	90.85
	FYBCOM	26	26	12	14	98.85
	SYBSC	109	109			95
	SYBA G2-V	27	27	17	10	81
	SYBA G2-U	158	158	122	36	90.71
	SYBA S-1	30	30	24	06	78.61

	<b>SYBA S-2</b>	30	30	24	06	74.85
	<b>TYBA G3-V</b>	19	19	11	08	79.85
	<b>TYBA G3-U</b>	77	77	50	27	92.22
	<b>TYBA S-3</b>	11	11	06	05	78
	<b>TYBA S-4</b>	11	11	06	05	74
<b>2015-16</b>	<b>FYBA G1-V</b>	96	96	74	22	
	<b>FYBA G1-U</b>	340	340	233	107	
	<b>FYBCOM</b>	31				
	<b>SYBSC</b>	139	139			
	<b>SYBVOC</b>	44	44			
	<b>SYBA G2-V</b>	60	60	35	25	
	<b>SYBA G2-U</b>	94	94	70	24	
	<b>SYBA S-1</b>	22	22	16	06	
	<b>SYBA S-2</b>	22	22	16	06	
	<b>TYBA G3-V</b>	11	11	08	03	
	<b>TYBA G3-U</b>	96	96	74	22	
	<b>TYBA S-3</b>	14	14	09	05	
	<b>TYBA S-4</b>	14	14	09	05	

### 27. Diversity of Students:

Name of the Course	% of Students From then Same State	% of students From other States	% of Students From abroad
<b>F.Y.B.A</b>	100%	NIL	NIL
<b>F.Y.B. COM</b>	100%	NIL	NIL
<b>S. Y. B. A.</b>	100%	NIL	NIL
<b>S. Y. B. SC.</b>	100%	NIL	NIL
<b>T.Y.B.A</b>	100%	NIL	NIL

### 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

1. GaiyakwadDurgaUttam is selected Maharashtra Police Civil Service.

### 29. Student progression:

Student progression	Against % Enrolled
UG to PG	25% (Approx.)
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than Campus Recruitment</li> </ul>	Nil
Entrepreneurship/Self-employment	Nil

### 30. Details of Infrastructural facilities:

- Necessary and essential infrastructures are available in the department
- Department is having an area of 150 sq. feet.
- Department has rich in respect of number of reference books, journals, magazines etc.

- There are four computer systems in the department with internet facility and availability of scanner, printer, LCD projector etc.

### **31. Number of students receiving financial assistance from College, university, government or other agencies:**

About 90 percent of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government, while 1 percents students get benefitted to 'Earn and Learn' scheme and around 2 percent students get benefitted to Economically Weaker section scholarship sponsored by University and College.

### **32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

Special Lecture, Seminar, group discussion etc. are conducted regularly in the department.

### **33. Teaching methods adopted to improve student learning:**

- Interactive teaching method.
- Katha-kathan (story telling), Kavisammelan etc.
- Teaching aids models audio visual aids etc. are utilized in teaching
- Study tour

### **34. Participation in Institutional, Social Responsibility (ISR) and Extension activities**

- Mrs. P. U. Pawar is the chariman of the YuvtiSabha.
- Mr. M. M. Bagle is in the editorial board of the **Kisaniya** magazine, chairman Bhatti Patrak etc.
- Mr. M. M. Bagale is also working as a co-ordinator of the YCMOU study centre.
- Participation in blood donation camp organized by college every year.
- Involvement in rallies against social evils.
- Celebration of environmental days in collaboration with N.S.S.

### **35. SWOC analysis of the department and Future plans:**

#### **A. Strengths:**

- 100% Faculty are engaged in research work.
- Student overall performance is good.
- Increasing girls students than the boys .

#### **B. Weaknesses:**

- Number of teaching faculties are less than required.

**C. Opportunities:**

- Enhancement of research activities.
- Students having specialisation in Marathi have good opportunities in various competitive examinations, in the department of languages and culture of state government. The subject is useful for the development of writing and reading skill.

**D. Challenges:**

- To achieve the national reputation of the Department

**Future Plans:**

- Departmental infrastructure would be expanded.
- Provision of modern classroom facilities.
- Arrange the University level syllabus framing workshop.
- Plan to organize state/national level seminar/conference.

## DEPARTMENT OF HINDI

1. Name of the Department: Hindi
2. Year of Establishment: July 1977
3. Names of Programmes / Courses offered: B.A./B. Com
4. Names of Interdisciplinary courses and the departments / units involved: Nil
5. Annual/ semester/choice based credit system (programme wise): Semester, CGPA
6. Participation of the department in the courses offered by other departments:  
Marathi, English, Economics, Politics, History, Geography.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses / programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts: 02

Sr. No.	Posts	Sanctioned	Filled
1	Professor	00	00
2	Associate Professor	01	01
3	Assistant Professor	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience in Yrs	Ph.D. Students guided for last 4 year
Mr. A. B. Ahire	M.A .	Associate Professor	Hindi	24	Nil
Dr. S. P.chaudhari	M.A. Ph.D	Assistant Professor	Hindi	08	Nil

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
13. Student: Teacher Ratio (programme wise):

	F.Y.B.A	F.Y.B.Com	S.Y.B.A	T.Y.B.A	Ratio
No. Of Students	338	15	83	41	1: 238
No. Of Teachers	2	2	2	2	

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Sr. No.	Post	Sanctioned	Filled
---------	------	------------	--------

1	Lab Assistant	Nil	Nil
2	Lab Assistant	Nil	Nil

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr. A. B.Ahire	M.A
2	Dr. S. P Chaudhari	M. A. Ph.D

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received: 1**

Name	Title of Project	Nature, Amount of Project (INR)	Duration	Funding Agency
Dr. S. P. Chaudhari	“Swatantryatar Hindi Upnyason Me Adivasi Chetna”	80,000	2010-2012	UGC, WRO, Pune

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
Nil	Nil	Nil	Nil	Nil

**18. Research Centre / facility recognized by the University:**

Name of Recognized Research Centre	Name of the Recognized Guide	Recognition for the courses	Recognized by.....	Students registered and working for	
				M.Phil	Ph.D
Nil	Nil	Nil	Nil	Nil	Nil

**19. Publications:**

Sr. No	Particulars	Name of Faculty	
		Mr. A B Ahire	Dr. S.P.Chaudhari
1	Number of Papers Published in Peer Reviewed International and National Journals	04	15
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat.Social Sciences Directory, EBSCO host, etc.)	--	--
3	Monographs	--	--
4	Chapter in Books	01	02
5	Books Edited	--	02

<b>6</b>	Total Citations	--	--
<b>7</b>	Citation Index	--	--
<b>8</b>	Source Normalized Impact Per Paper (SNIP)	--	--
<b>9</b>	SCImago Journal Ranking (SJR)	--	--
<b>10</b>	Impact Factor	--	<b>Below table</b>
<b>11</b>	h-index	--	--
<b>12</b>	i 10 – index	--	--

<b>Journal Name</b>	<b>Impact factor</b>
Indian Streams Research Journal	2.1506(UIF)
Research Directions	2.1005(UIF)
SCHOLARLY RESEARCH JOURNAL FOR HUMANITY SCIENCE & ENGLISH LANGUAGE	1.795(SJIF)
Golden Research Thoughts	3.4052(UIF)

**20. Areas of consultancy and income generated:** Nil

**21. Faculty as members in:**

<b>Faculty as members in...</b>	<b>No. of Faculties</b>	<b>Name of Faculties</b>
<b>National Committees</b>	Nil	Nil
<b>International Committees</b>	Nil	Nil
<b>Editorial Board</b>	Nil	Nil

**22. Student projects:**

<b>Percentage of students done...</b>	<b>2010-11</b>	<b>2011-12</b>	<b>2012-13</b>	<b>2013-14</b>	<b>2014-15</b>
in-house projects including inter departmental/programme	Nil	Nil	Nil	Nil	Nil
placed for projects in organizations outside the Institution	Nil	Nil	Nil	Nil	Nil

**23. Awards / Recognitions received by faculty and students:**

**A. Students:**

- Easy writing Priyanka D. Badgujar 2013-14. SNTD Mahila Mavidyalaya Jalgaon (Mumbai University) dated 15<sup>th</sup> Sep. 2014.

**B. Faculty:**

Nil

**Dr.S.P.Chaudhari**

1. **Shabdh Ratnakar Award “Stri Bhrun Hatya Ke Vishesh Sandarbh Me”** by Parshwa Jyoti Manch, Burhanpur, (M.P.) 8 April 2012.
2. **Best Paper Award, for** Adiwasi Samaj aur Sanskriti from Research Directions Vol. II, Issue V, Nov 2014 page no 1 – 5.

**24. List of eminent academicians and scientists / visitors to the department:**

Dr P S Patil, Dr. M. S. Kharate, Dr. B F Shaikh , Dr. Raghunath Kashayapare

delivered lectures of the occasion of “HINDI Din 14<sup>th</sup> September ”

**25. Seminars/ Conferences/Workshops organized and the source of funding:Nil****26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage (%)
				Male	Female	
2011-12	F.Y.B.A.	350	350	236	114	74.29
	F.Y.B.Com.	43	43	20	23	81.82
	S.Y.B.A(Gen)	50	50	38	12	96
	S.Y.B.A(Spl)	24	24	23	01	80
	T.Y.B.A(Gen)	60	60	39	21	94.45
	T.Y.B.A(Spl)	18	18	15	03	94.45
2012-13	F.Y.B.A	304	304	206	98	92.10
	F.Y.B. Bcom	20	20	14	06	85.72
	S.Y.B.A(Gen)	105	105	65	40	95.24
	S.Y.B.A(Spl)	29	29	19	10	72.42
	T.Y.B.A(Gen)	20	20	12	08	71.43
	T.Y.B.A(Spl)	02	02	02	0	100
2013-14	F.Y.B.A	312	312	245	67	72.75
	F.Y.B.Com	24	24			75
	S.Y.B.A(Gen)	66	66	38	28	74.25
	S.Y.B.A(Spl)	20	20	11	09	80
	T.Y.B.A(Gen)	56	56	31	25	87.5
	T.Y.B.A(Spl)	09	09	05	04	83
2014-15	F.Y.B.A	303	303	203	100	80.45
	F.Y.B.Com	41	41			53.34
	S.Y.B.A(Gen)	68	68	52	16	84.62
	S.Y.B.A(Spl)	23	23	15	8	73.92
	T.Y.B.A.(Gen)	32	32	20	12	85.5
	T.Y.B.A (Spl)	08	08	05	03	75
2015-16	F.Y.B.A	338	338	223	115	
	F.Y.B.Com	44	44			
	S.Y.B.A(Gen)	83	83	53	30	
	S.Y.B.A(Spl)	23	23	18	05	
	T.Y.B.A.(Gen)	41	41	31	10	
	T.Y.B.A(Spl)	11	11	05	06	

**27. Diversity of Students:**

Name of the subject	% of the students from the same state	% of the students from the other state	% of the students from the abroad
Hindi	100%	Nil	Nil



**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?: 01,**

- Mr. R. B. Sandanshiv (2009-10).

**29. Student progression:**

<b>Student progression</b>	<b>Against % Enrolled</b>
<b>UG to PG</b>	15
<b>PG to M.Phil</b>	--
<b>PG to Ph.D</b>	--
<b>Ph.D to Post-Doctoral</b>	--
<b>Employed</b>	--
<b>Campus selection</b>	
<b>Other than Campus Recruitment</b>	
<b>Entrepreneurship/Self-employment</b>	--

**30. Details of Infrastructural facilities:** Department having area of ----- sq. M. and it consists facility for students, Various benches are available to conduct the S.Y/T.Y. B.A Hindi Special students.

**31. Number of students receiving financial assistance from College, university, government or other agencies: SC/ST table**

**32. Details on student enrichment programmes (Group discussion / special lectures / workshops / seminar) with external experts:**

- \* Special Seminar and Lectures, Group Discussion were arranged for the students to enrich their knowledge.
- \* Dr. M. S. Kharate (Dean N. M.U), Dr. P. S. Patil (Nagaon), Dr. B. F. Shaikh, Principal Dr. K. Potdar.
- \* Lecture on occasion of Hindi Din.
  1. Hindi- Aaj, aurkal
  2. Hindi- Tatha Sevay
  3. Gazal – Vidhaparichayavam Vishatayan
  4. Hindi- Rashtriyatakikadi

**33. Teaching methods adopted to improve student learning:**

- Interactive lecture method is used to encourage students to express themselves and consolidate their understanding of the topic taught.
- Power point presentation, audio-visual aids and Poster's, in teaching-learning processes is being used for some important topics.

- Seminars Group Discussion are conducted for the students on different topics of syllabi.

#### **34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- Mr. A. B. Ahire— Debating, Discipline, Publicity,
- Dr. S.P. Chaudhari – Mahila Program Officer – N.S.S. Magazine Committee Chairman

#### **35. SWOC analysis of the department and Future plans**

##### **A. Strengths:**

- 100 % faculty is engaged in research (one faculty is registered for Ph.D and other is having Ph.D degree).
- Students overall performance is good.

##### **B. Weaknesses:**

- Lack of specialisation in Hindi at the degree level dialect atmosphere
- Lack of sufficient space for virtual classroom E- library.

##### **C. Opportunities:**

- To take the various grants from UGC and other funding agencies for research projects.
- To establish research facilities in rural area.

##### **D. Challenges:**

##### **FUTURE PLANS:**

- To Start PG course
- To conduct the various Hindi Bhasha Parishad Examinations
- To conduct minor and major research projects.
- To organize National / International conference.
- To Organize Workshop on Syllabus restructuring.

## DEPARTMENT OF ENGLISH

1. Name of the Department: English
2. Year of Establishment: 1978
3. Names of Programmes / Courses offered: U. G. B.A.
4. Names of Interdisciplinary courses and the departments / units involved: Nil
5. Annual/ semester/choice based credit system (programme wise): Semester, CGPA
6. Participation of the department in the courses offered by other departments:  
Marathi, Hindi, Geography, History, Economics, Politics.
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses / programmes discontinued (if any) with reasons: Nil
9. Number of Teaching posts: 03

Sr. No.	Posts	Sanctioned	Filled
1	Professor	00	00
2	Associate Professor	00	00
3	Assistant Professor	03	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience	Ph.D. Students guided for last 4 year
M.B. Baviskar	M.A. M.Phil.	Head, Assit. Prof.	English Literature	19 yrs	N.A.

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 66%
13. Student: Teacher Ratio (programme wise):

Programme	No. of students	No. of Teachers	STR
B.A.(Spl)	25	1	25:1
B.A. (Gen)	50	1	50:1
B.A. Com.	756	1	756:1
B.Com.	42	1	42:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr.M.B.Baviskar	M.A. M.Phil.

**16. Number of faculty with ongoing projects from a) National b) International fundingagencies and grants received:**

Name	Title of Project	Nature, Amount of Project (INR)	Duration	Funding Agency
Mr.S N Shelar	Validation of cloze Test for Testing Reading Comprehension of Students at 12plus level.	1,40,000	2012-14	UGC, WRO, Pune

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
--	--	--	--	--

**18. Research Centre / facility recognized by the University:**

Nil

Name of Recognized Research Centre	Name of the Recognized Guide	Recognition for the courses	Recognized by.....	Students registered and workingfor M.Phil. Ph.D.	
--	--	--	--	--	--

**19. Publications:**

Sr. No.	Particulars	Name of Faculty	
		Mr. S.N. Shelar	Mr.M.B. Baviskar
1	Number of Papers Published in Peer Reviewed International and National Journals	08	02
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internet.Social Sciences Directory, EBSCO host, etc.)	--	--
3	Monographs	--	--
4	Chapter in Books	--	--
5	Books Edited	--	--
6	Total Citations	--	--
7	Citation Index	--	--
8	Source Normalized Impact Per Paper (SNIP)	--	--
9	SCImago Journal Ranking (SJR)	--	--
10	Impact Factor	--	--

11	h-index	--	--
12	i 10 – index	--	--

**20. Areas of consultancy and income generated:**

Nil

**21. Faculty as members in:**

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	Nil	Nil
International Committees	Nil	Nil
Editorial Board	Nil	Nil

**22. Student projects:**

Nil

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme placed for projects in organizations outside the Institution	-----	-----	-----	----	---
	----	-----	-----	-----	-----

**23. Awards / Recognitions received by faculty and students:**

**A. Students:**

- Mr.Sandip Ramesh Patil has secured I<sup>st</sup> rank in North Maharashtra University, Jalgaon July 2009
- Mr.Prashant Kantilal Patil stood 1<sup>st</sup> in Maharashtra in Bhagwadgita Exam 2014
- Mr. Yogesh Patil was elected as student secretary North Maharashtra University.2009.

**B. Faculty:**

- Mr. M.B. Baviskar received trophy and University level Certificate for Organizing ‘Gandhi Vichar EXAM.’
- Received a certificate by presenting a poem and got 1<sup>st</sup> prize in ‘Udyonmukh KaviSammelan’ Orgnganized by Abhivyakti Media for Development, Nashik.

**24. List of eminent academicians and scientists / visitors to the department:** Nil

**25. Seminars/ Conferences/Workshops organized and the source of funding:** Nil

**26.Student profile programme course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2011-12	FY.B.A. Com.Eng.	518	518	366	152	40.86
	F.Y.B..Com.Eng.	53	53	29	24	60
	F.Y.B.A. Opt.Eng.	19	19	14	05	70
	SYBA Com.Eng	247	247	188	59	55
	S.Y.B.A. S1	13	13	09	04	51
	S.YBA S2	13	13	09	04	51
	S.YBA G2	13	13	09	04	51
	T.Y.B.A.Com.Eng.	120	120	65	55	65
	T.Y.B.A.S3	11	11	07	04	50
	T.Y.B.A.S4.	11	11	07	05	50
	T.Y.B.A.G3	11	11	07	05	50
2012-13	FYB.A. Com.Eng	407	324	279	128	48.86
	F.Y.B.Com.Eng.	19	19	14	05	71
	F.YBA Opt.Eng.	28	28	15	13	70
	SYBA Com.Eng	240	240	163	77	38.66
	S.YBA. S1	27	27	21	06	55.50
	S.YBA S2	27	27	21	06	55.50
	S.YBA G2	27	27	21	06	55.50
	T.Y.B.A.Com.Eng.	122	122	84	38	50
	T.Y.B.A.S3	11	11	07	04	72
	T.Y.B.S4	11	11	7	04	72
	T.Y.B.A.G3	11	11	7	04	72
2013-14	FY.B.A.Com.Eng	406	406	280	126	60
	F.Y.B.Com. Eng.	24	24	19	05	79
	F.Y.B.A. Opt.Eng	31	31	21	11	80
	SYBA Com.Eng.	206	206	135	71	70
	SYBAS1	23	23	10	13	81
	SYBA S2	23	23	10	13	81
	SYBA G2	23	23	10	13	81
	T.Y.B.A.Com.Eng	155	155	108	47	60
	T.Y.B.A.S3	20	20	15	05	71
	T.Y.B.A.S4	20	20	15	05	71

	<b>T.Y.B.A.G3.</b>	<b>20</b>	<b>20</b>	<b>15</b>	<b>05</b>	<b>71</b>
<b>2014-15</b>	<b>FYB.A. Com.Eng</b>	<b>399</b>	<b>399</b>	<b>278</b>	<b>121</b>	<b>81.22</b>
	<b>F.YB.Com Com. bEng</b>	<b>41</b>	<b>41</b>	<b>38</b>	<b>20</b>	<b>94</b>
	<b>F.YBA Opt.Eng</b>	<b>30</b>	<b>30</b>	<b>22</b>	<b>08</b>	<b>75</b>
	<b>SYBA Com.Eng</b>	<b>247</b>	<b>247</b>	<b>182</b>	<b>65</b>	<b>51</b>
	<b>SYBAS1</b>	<b>13</b>	<b>13</b>	<b>08</b>	<b>05</b>	<b>55.50</b>
	<b>SYBA S2</b>	<b>13</b>	<b>13</b>	<b>08</b>	<b>05</b>	<b>55.50</b>
	<b>SYBA G2</b>	<b>13</b>	<b>13</b>	<b>08</b>	<b>05</b>	<b>55.50</b>
	<b>T.Y.B.A.Com.Eng.</b>	<b>134</b>	<b>134</b>	<b>90</b>	<b>44</b>	<b>55</b>
	<b>T.Y.B.A. S3</b>	<b>14</b>	<b>06</b>	<b>08</b>	<b>14</b>	<b>70</b>
	<b>T.Y.B.A.S4</b>	<b>14</b>	<b>06</b>	<b>08</b>	<b>14</b>	<b>70</b>
	<b>T.Y.B.A.G3</b>	<b>14</b>	<b>06</b>	<b>08</b>	<b>14</b>	<b>70</b>

#### 27. Diversity of Students: 100%

<b>Name of the Course</b>	<b>% of Students From the Same State</b>	<b>% of students From other States</b>	<b>% of Students From abroad</b>
<b>F.Y.B.Com.</b>	100%	Nil	Nil
<b>F. Y. B. A.</b>	100%	Nil	Nil
<b>S. Y. B. A.</b>	100%	Nil	Nil
<b>T. Y. B. A.</b>	100%	Nil	Nil

#### 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.

- **Mr. J.B. Mahale** Passed NET Exam, Oct.2013
- **Mr. Siddharth Birhade** Passed SET. 2013.
- **Mr. Vilas Chavan** Passed SET2013
- **Mr. Sachin Patil** working as a Judicial Magistrate and a number of students are working in Civil and Defence services.
- A number of students working as high school teachers and junior college teachers.

#### 29. Student progression:

<b>Student progression</b>	<b>Against % Enrolled</b>
UG to PG	40
PG to M.Phil	---
PG to Ph.D	----
Ph.D to Post-Doctoral	----

Employed	-----
<ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than Campus Recruitment</li> </ul>	
Entrepreneurship/Self-employment	---

**30. Details of Infrastructural facilities:** Department is having area 150 sq. feet.

**31. Number of students receiving financial assistance from College, university, government or other agencies:**

About 90 percent of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government; while 2 percents students get benefitted to 'Earn and Learn' scheme and around 1 percent students get benefitted to Economically Weaker section scholarship sponsored by University and College.

**32. Details on student enrichment programmes (special lectures / workshops / seminars) With external experts:**

- 'Certificate course 'Business Communication Skills in English'
- 'English for Competitive Exams'
- 'Remedial English Grammar Course'
- 'The Dept of English organised special lectures of experts in English.'

**33. Teaching methods adopted to improve student learning:**

As per University modules , Text-books, reference books, practicals. Audio-Visual aids, Personal counselling to students.

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- Chairman Literary Association.
- Worked as Gathering Chairman.
- Worked as chairman of 'Kisaniya' Magazine.
- Completed Yoga Counsellor's Exam from Y.C. M.O.U. Nasik and Conducted 'Yoga classes' for Students, Teachers and Society.

**35. SWOC analysis of the department and Future plans:**

**A. Strengths:**

- 'The Department runs Certification course in 'Business Communication Skills in English'
- Department conducts course 'English for Competitive Exams.'
- English is Compulsory subject for F.Y.B.Com and F.Y./S.Y./T.Y.B.A.



**B. Weaknesses:**

- The Department of English has to prepare students from basics.
- The Students are basically from poor families.
- The students do not have an English exposure outside the college and back at home.
- The students work part-time on the farm hence, lose their time for better studies.
- Less number of permanent faculty members.

**C. Opportunities:**

- The teachers of Department of English have golden opportunities for Youth building by teaching them English by proper way and techniques.
- English for U.P.S.C., M.P.S.C. and other competitive Exams.
- The teachers and students of department of English have ample opportunities for study the best collection of books available in the library.
- There are research opportunities for teachers and project/study opportunities for students of the department.

**D. Challenges:**

- The Department is aware of its being part of the society. The outcomes of the teaching, learning, society and students are interwoven that the Youth may face challenges ahead.
- The teachers have to bridge ICT and village students.
- The basics of students in English are not up to the mark.

**FUTURE PLANS:**

- To organize National/International conference.
- To organize workshop like syllabus framing.
- Minor/ Major research project will be submitted.
- The department also desires to engage a series of lectures of eminent Personalities for the students.

## DEPARTMENTAL PROFILE: GEOGRAPHY

1. **Name of the Department:** GEOGRAPHY
2. **Year of Establishment:** 1977
3. **Names of Programmes / Courses offered:** B.A. (special) and B. Sc. (general)
4. **Names of Interdisciplinary courses and the departments / units involved:** Nil
5. **Annual/ semester/choice based credit system (programme wise):** CGPA Semester
6. **Participation of the department in the courses offered by other departments:** Chemistry, Botany, Zoology, English, Marathi, Hindi, History, Politics, Economics, B.Voc. etc.
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil
9. **Number of teaching posts:**

Sr. No.	Posts	Sanctioned	Filled
1	Professor	0	0
2	Associate Professor	0	0
3	Assistant Professor	6	3

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Exp.	Ph.D. Students guided for last 4 year
<b>Dr. Y. V. Patil</b>	M. Sc. M. Phil. Ph.D.	Principal	Geomorphology	28 Yrs	<b>08</b>
<b>Mr. C. M. Netkar</b>	M.A. B.Ed. M.Phil.	Asstt. Prof.	Population & Settlement Geog.	20 Yrs	--
<b>Mr. S. K. Mahajan</b>	M.A. B.Ed. M.Phil.	Asstt. Prof.	Population & Settlement Geog.	16Yrs	--
<b>Mr. P. D. Patil</b>	M.A. B.Ed. M.Phil. NET	Asstt. Prof.	Population & Settlement Geog.	04 Yrs	--

11. **List of senior visiting faculty:** Nil
12. **Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 25%
13. **Student Teacher Ratio (programme wise):**

Programme	No. of students	No. of Teachers	STR
B.A. (Spl.)	85	03	1:28
B.A. (Gen.)	595	03	1:198
B.Sc. (Gen.)	167	03	1:56

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Laboratory Assistant	01	01
2	Laboratory Attendant	01	01
3	Peon	01	01

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Dr. Y. V. Patil	M. Sc., M. Phil., Ph.D.
2	Mr. C. M. Netkar	M.A., B.Ed., M.Phil.
3	Mr. S. K. Mahajan	M.A., B.Ed., M.Phil.
4	Mr. P. D. Patil	M.A., B.Ed., M.Phil., NET

**16. Number of faculty with on-going projects from a) National b) International funding agencies and grants received:**

Name	Title of Project	Nature, Amount of Project(Rs.)	Duration	Funding Agency	Completed /Ongoing
<b>Dr. Y. V. Patil</b>	“Investigation of Potential Areas for Artificial Recharge in Jalgaon District	Duration 2 Yrs. Rs. 1,35,000	2009-2011	UGC, WRO, Pune	Completed
<b>Mr. N. B. Patil</b>	“Problems and Prospects of Organic Farming in Dhule District”.	Duration 2 Yrs. Rs. 1,15,000	2009-2011	UGC, WRO, Pune	Completed
<b>Dr. Y. V. Patil</b>	“Potentials and strategy for rural sites of Tourism Development in Dhule and Nandurbar District”	Duration 2 Yrs. Rs. 1,65,000	2014-2016	UGC, WRO, Pune	Ongoing
<b>Dr. Y. V. Patil</b>	“A Geographical study of weekly market centres in Dhule and Nandurbar District (M.S.)”	Duration 2 Yrs. Rs. 50,000	2014-2016	NMU	Ongoing

<b>Mr. P. D. Patil</b>	“Nutritional Pattern and Deficiency Diseases in Scheduled Caste and Scheduled Tribe Population of Jalgaon District, (M. S.)”.	Duration 2 Yrs. Rs. 1,85,000	2014-2016	UGC, WRO, Pune	Ongoing
------------------------	---	---------------------------------	-----------	----------------	---------

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
Nil	Nil	Nil	Nil	Nil

**18. Research Centre / facility recognized by the University:**

Name of Recognized Research Centre	Name of the Recognized Guide	Recognition for the courses	Recognized by	Students registered and working for	
				M. Phil.	Ph. D.
Department of Geography	Dr. Y. V. Patil	Geography	North Maharashtra Uni. Jalgaon.	--	08
	Dr. A. T. Patil			--	02

**19. Publications:**

Sr. No.	Particulars	Name of Faculty			
		Dr. Y. V. Patil	Mr. C. M. Netkar	Mr. S. K. Mahajan	Mr. P. D. Patil
1	Number of Papers Published in Peer Reviewed International and National Journals	24	02	05	02
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database-Internat. Social Sciences Directory, EBSCO host, etc.)	--	--	--	--
3	Monographs	--	--	--	--
4	Chapter in Books	--	--	--	--
5	Books Edited	--	--	--	--
6	Total Citations	--	--	--	--
7	Citation Index	--	--	--	--
8	Source Normalized Impact Per Paper (SNIP)	--	--	--	--
9	SCI mago Journal Ranking (SJR)	--	--	--	--

10	Impact Factor	--	--	--	--
11	h-index	--	--	--	--
12	i 10 – index	--	--	--	--

**20. Areas of consultancy and income generated:**

Nil

**21. Faculty as members in:**

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	--	--
International Committees	--	--
Editorial Board	01	Dr. Y. V. Patil

**22. Student projects:**

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme	--	--	--	--	--
placed for projects in organizations outside the Institution	--	--	--	--	--

**23. Awards / Recognitions received by faculty and students:**

**A. Students:** Nil

**B. Faculty:**

**Dr. Y. V. Patil**

- i. **Adarash Bhoogolshastra Adhyapak Purskar 2007:** Maharashtra Bhoogolshastra Parishad, Pune.
- ii. **Fellow of ‘The Royal Geographical Society, London’** 2014.
- iii. **Fellow of ‘Indian National Cartographic Association Hyderabad’** 2010.

**24. List of eminent academicians and scientists / visitors to the department:**

Sr. No.	Name of the faculty	Institution
1	Prof. B. T. Patil	School of Environmental Sciences, NMU, Jalgaon
2	Prof. L. V. Pathak	B. P. Arts College, Chalisgaon
3	Prof. B. T. Patil	Nutan Maratha College, Jalgaon
4	Prof. Dr. M. B. Chavan	Pratap College, Amalner
5	Prin. Dr. S. R. Chaudhary	Pratap College, Amalner
6	Dr. R. J. Borse	SSVPS Science college, Dhule
7	Prof. B. V. Deshmukh	Pratap College, Amalner

**25. Seminars/ Conferences/Workshops organized and the source of funding:** Nil

## 26. Student Profile Course wise:

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2011-12	F. Y. B. Sc. (Gen)	73	73	65	08	85.08
	S. Y. B. Sc. (Gen)	27	27	24	03	98.71
	F. Y. B. A. (Gen)	435	303	132	121	81.37
	S. Y. B. A. (Gen)	120	120	95	25	69.33
	S. Y. B. A. (S1)	54	54	39	15	74.28
	S. Y. B. A. (S2)	54	54	39	15	77.14
	T. Y. B. A. (Gen)					83.33
	T. Y. B. A. (S3)					92.42
	T. Y. B. A. (S4)					96.96
2012-13	F. Y. B. Sc. (Gen)	84	82	64	20	87.45
	S. Y. B. Sc. (Gen)	26	26	04	22	93.54
	F. Y. B. A. (Gen)	388	388	268	120	51.29
	S. Y. B. A. (Gen)	87	87	53	34	94.11
	S. Y. B. A. (S1)	47	47	33	14	88.23
	S. Y. B. A. (S2)	47	47	33	14	82.35
	T. Y. B. A. (Gen)	56	56	41	15	93.18
	T. Y. B. A. (S3)	26	26	17	09	90.00
	T. Y. B. A. (S4)	26	26	17	09	95.00
2013-14	F. Y. B. Sc. (Gen)	78	78	64	14	91.34
	S. Y. B. Sc. (Gen)	49	49	37	12	92.15
	F. Y. B. A. (Gen)	364	364	269	95	79.67
	S. Y. B. A. (Gen)	98	98	65	33	90.00
	S. Y. B. A. (S1)	44	44	31	13	93.33
	S. Y. B. A. (S2)	44	44	31	13	83.33
	T. Y. B. A. (Gen)	63	63	43	20	91.66
	T. Y. B. A. (S3)	33	33	25	08	90.47
	T. Y. B. A. (S4)	33	33	25	08	80.95
2014-15	F. Y. B. Sc. (Gen)	131	131	99	32	92.37
	S. Y. B. Sc. (Gen)	67	67	53	14	89.47
	F. Y. B. A. (Gen)	372	372	255	117	95.23
	S. Y. B. A. (Gen)	107	107	71	36	82.53
	S. Y. B. A. (S1)	52	52	32	20	94.11
	S. Y. B. A. (S2)	52	52	32	20	79.41
	T. Y. B. A. (Gen)	61	61	43	18	94.87
	T. Y. B. A. (S3)	36	36	28	08	61.90
	T. Y. B. A. (S4)	36	36	28	08	95.23
2015-16	F. Y. B. Sc. (Gen)	80	80	54	26	--
	S. Y. B. Sc. (Gen)	85	85	62	23	--
	F. Y. B. A. (Gen)	418	418	291	127	--
	S. Y. B. A. (Gen)	108	108	62	46	--
	S. Y. B. A. (S1)	64	64	30	34	--
	S. Y. B. A. (S2)	64	64	30	34	--
	T. Y. B. A. (Gen)	69	69	46	23	--
	T. Y. B. A. (S3)	28	28	18	10	--
	T. Y. B. A. (S4)	28	28	18	10	--

**17. Diversity of Students:**

Name of the Course	% of Students From the Same State	% of students From other States	% of Students From abroad
F. Y. B. Sc.	100%	NIL	NIL
S. Y. B. Sc.	100%	NIL	NIL
F. Y. B. A.	100%	NIL	NIL
S. Y. B. A.	100%	NIL	NIL
T. Y. B. A.	100%	NIL	NIL

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:** Nil

**29. Student progression:**

Student progression	Against % Enrolled
UG to PG	15% (Approximately)
PG to M.Phil	--
PG to Ph. D	--
Ph. D to Post-Doctoral	--
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than Campus Recruitment</li> </ul>	--
Entrepreneurship/Self-employment	--

**30. Details of Infrastructural facilities:**

- The department of geography has good infrastructural facility. The department has two spacious laboratory/classrooms having size of 30 x 20 ft.
- There is separate office arrangement for staff and Head of the department.
- Department is recognized as research center with all necessary geographical equipment/instrument facility.
- There are four computer systems in the department with internet facility and availability of scanner, printer, LCD projector, smart board etc.

**31. Number of students receiving financial assistance from College, university, government other agencies:**

About 90 percent of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government, while 1 percents students get benefitted to 'Earn and Learn' scheme and around 2 percent students get benefitted to Economically Weaker section scholarship sponsored by University and College.

**32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

To enrich students on various topics special lectures are arranged for the students on the occasion of celebration of days like Geography day, World Ozone day etc.

### **33. Teaching methods adopted to improve student learning:**

- Interactive lecture method is used to encourage students to express themselves and consolidate their understanding of the topic taught.
- Regular study tours are arranged for the students to know the geographical features around them.
- ICT based teaching tools such as power point presentation, audio-visual aids and internet in teaching-learning processes is being used for some important topics.

### **34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- Head of the department Dr. Y. V. Patil is the Principal of the college.
- Mr. P. D. Patil is the IQAC co-ordinator of the college.
- Mr. C. M. Netkar is the co-ordinator of environment and Youth festival committee.
- Mr. S. K. Mahajan is the co-ordinator of health committee.
- Participation in blood donation camp organized by college every year.
- Involvement in rallies against social evils.
- Save water drive
- Celebration of environmental days in collaboration with N.S.S.

### **35. SWOC analysis of the department and Future plans:**

#### **A. Strengths:**

- Department is recognized as research center.
- Experienced teaching faculty with availability of research guide.
- Geography is available as special subject in B.A. and as general subject in B.Sc.
- Well-equipped lab with availability of computers with internet connections & GIS software.
- Large numbers of reference books of geography are available in the central library.



**B. Weaknesses:**

- Less number of regular teaching faculties than requirement.
- Non-availability of geography PG center.

**C. Opportunities:**

- Job opportunities are available to the students in teaching profession.
- Student can get job in surveying and meteorological department.
- Student of geography can avail job in defense as well as planning and education departments of state and central governments.

**D. Challenges:**

- To create awareness among the students about the higher education.
- Up gradation of subject syllabus to meet the demands of present day.

**FUTURE PLANS:**

- Organizing State/National level seminars.
- Submission of proposal for the departmental project.
- It is proposed to conduct university level syllabus framing workshops.
- Conducting guest lecturers inviting expertise from the reputed institutions.
- Giving students experience of small research projects and papers.
- Increase the use of ICT in teaching – learning and evaluation.

## DEPARTMENT OF HISTROY

1. Name of the Department: History
2. Year of Establishment: June 1978
3. Names of Programmes / Courses offered: B.A
4. Names of Interdisciplinary courses and the departments / units involved: Nil
5. Annual/ semester/choice based credit system (programme wise):Semester, CG PA
6. Participation of the department in the courses offered by other departments: English, Marathi, Hindi, Geography, Politics, Economics,
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: NIL
8. Details of courses / programmes discontinued (if any) with reasons: NIL
9. Number of teaching posts: 02

Sr. No.	Posts	Sanctioned	Filled
1	Professor	00	00
2	Associate Professor	01	01
3	Assistant Professor	01	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience (years)	Ph.D. Students guided for last 4 year
Mr. S.L. Makasare	M.A ,B. Ed.	Associate Professor	History	26	Nil
Dr. B. T. Patil	M.A, M.Phil, Ph.D.	Assistant Professor	History	20	Nil

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: Nil
13. Student: Teacher Ratio (programme wise):

Programme	No. of students	No. of Teachers	STR
B.A. (Spl.)	84	2	1:42
B.A. (Gen)	658	2	1:329

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Lab Assistant	00	00
2	Lab Attendant	00	00

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr. S.L.Makasare	M.A,B.Ed.
2	Dr. B. T. Patil	M.A,M.Phil.,Ph.D.

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
--	--	---	--	--

**18. Research Centre / facility recognized by the University:** Nil

**19. Publications:**

Sr. No.	Particulars	Dr. B. T. Patil
1	Number of Papers Published in Peer Reviewed International and National Journals	10
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat. Social Sciences Directory, EBSCO host, etc.)	--
3	Monographs	--
4	Chapter in Books	--
5	Books Edited	--
6	Total Citations	--
7	Citation Index	--
8	Source Normalized Impact Per Paper (SNIP)	--
9	SCImago Journal Ranking (SJR)	--
10	Impact Factor	--
11	h-index	--
12	i 10 – index	--

**20. Areas of consultancy and income generated:** Nil

**21. Faculty as members in:**

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	Nil	Nil
International Committees	Nil	Nil
Editorial Board	Nil	Nil

**22. Student projects:**

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme	Nil	Nil	Nil	Nil	Nil
placed for projects in organizations outside the Institution	Nil	Nil	Nil	Nil	Nil

**23. Awards / Recognitions received by faculty and students:**

**A. Students:** Nil

**B. Faculty:** Nil

**24. List of eminent academicians and scientists / visitors to the department:**

1. Dr. Anil Baisane, Associate Professor, Jai Hind College, Dhule.
2. Dr. Madhukar V. Patil, Principal, Arts college, Khapar, Dist. Nandurbar
3. Dr. Sanjay Patil, Assistant Professor, Arts college, Navalnager, Dist. Dhule.
4. Dr. B.N. Patil, Principal, M. M. College, Pachora.
5. Dr. Dhekne, Associate Professor, Nutan Maratha College, Jalgaon
6. Dr. Kadam, Associate Professor, Nutan Maratha College, Jalgaon.
7. Dr. R. R. Attarde, Associate Professor, Arts, Commerce & Science College, Jamner.
8. Mr. Liladhar S. Patil, Assistant Prof. Dhandai College, Amalner.

**25. Seminars/ Conferences/Workshops organized and the source of funding:**

Ten days “*Modi Script*” workshop was organised between **09/01/2013** to **19/01/2013**. There were **27** students participated in the workshop. Mr. S. L. Makasare was the Resource Person for the said workshop. Dr. B. T. Patil was the co-ordinator for the workshop.

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2010-11	F.Y.B.A(G1)	422	422	298	124	81.50
	S.Y.B.A(G2)	124	124	103	21	79.00
	S.Y.B.A(S1)	37	37	27	10	89.00
	S.Y.B.A(S2)	37	37	27	10	91.80
	T.Y.B.A(G3)	98	98	71	27	83.6
	T.Y.B.A (S3)	35	35	24	11	82.8
	T.Y.B.A(S4)	35	35	24	11	82.8
2011-12	F.Y.B.A(G1)	422	422	298	124	81.5
	S.Y.B.A(G2)	179	179	138	41	82.6
	S.Y.B.A(S1)	53	53	45	08	90.00
	S.Y.B.A(S2)	53	53	45	08	88.60
	T.Y.B.A(G3)	68	68	50	18	85
	T.Y.B.A (S3)	14	14	11	03	92.80
	T.Y.B.A (S4)	14	14	11	03	92.80
2012-13	F.Y.B.A(G1)	378	378	290	88	82.50
	S.Y.B.A(G2)	156	156	107	49	86.50
	S.Y.B.A(S1)	44	44	27	17	90.90
	S.Y.B.A(S2)	44	44	27	17	90.90
	T.Y.B.A(G3)	92	92	67	25	80.00
	T.Y.B.A (S3)	30	30	24	06	93.00
	T.Y.B.A (S4)	30	30	24	06	93.00
2013-14	F.Y.B.A(G1)	365	365	279	86	80
	S.Y.B.A(G2)	138	138	104	34	83
	S.Y.B.A(S1)	38	38	29	09	78.9
	S.Y.B.A(S2)	38	38	29	09	92
	T.Y.B.A(G3)	105	105	75	30	80.9
	T.Y.B.A (S3)	32	32	20	12	90.6
	T.Y.B.A (S4)	32	32	20	12	87.5
2014-15	F.Y.B.A(G1)	370	370	257	113	78.9
	S.Y.B.A(G2)	159	159	119	40	81.7
	S.Y.B.A(S1)	55	55	44	11	85
	S.Y.B.A(S2)	55	55	44	11	81.8
	T.Y.B.A(G3)	87	87	64	23	82.7
	T.Y.B.A (S3)	22	22	15	07	90.9
	T.Y.B.A (S4)	22	22	15	07	90.9
2015-16	F.Y.B.A(G1)	394	394	280	114	Result is awaited
	S.Y.B.A(G2)	162	162	119	43	
	S.Y.B.A(S1)	44	44	21	13	
	S.Y.B.A(S2)	44	44	21	13	
	T.Y.B.A(G3)	103	103	79	24	
	T.Y.B.A (S3)	39	39	33	06	
	T.Y.B.A (S4)	39	39	33	06	

**27. Diversity of Students:**

Name of the course	% of students from the same state	% of the students from other State	% of the students from abroad
F Y B.A	100	00	00
S.Y.B.A	100	00	00
T.Y.B.A	100	00	00

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:** Nil

**29. Student progression:**

Student progression	Against % Enrolled
UG to PG	15 (Approx)
PG to M.Phil	--
PG to Ph.D	--
Ph.D to Post-Doctoral	--
Employed <ul style="list-style-type: none"> <li>Campus selection</li> <li>Other than Campus Recruitment</li> </ul>	--
Entrepreneurship/Self-employment	--

**30. Details of Infrastructural facilities:** Department having area 150 sq. feet

**31. Number of students receiving financial assistance from College, university, government or other agencies:**

Total No. of Students	College (Earn and learn Scheme)	University (Poor Boys Fund)	Government SC/ST/OBC/ SBC/NT
658	00	00	658

**32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

- Workshop organised on Reading and Writing of Modi Script for 10 days.
- Lecture organised of Prof. Liladhar Patil on History of Shivaji Maharaj.

**33. Teaching methods adopted to improve student learning:**

- Interactive lecture method.
- Lectures include OHP and LCD projectors, teaching aids, charts, models, audio-visual aids, coins, seminars, tests, tutorials, group discussions, etc.
- Field visits are regularly arranged for students to the places of historical interest.

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- Exam on “Phule-Shahu-Ambedkar thoughts” is being organised every year by the department of History to aware the students about the thoughts of these great personalities.
- Mr. S. L. Makasare is the Chairman of the student council election of the college.
- Dr. B. T. Patil is working as the Chairman of the social science association of the college.

### **35. SWOC analysis of the department and Future plans:**

#### **A. Strengths:**

- 100 % faculty is engaged in research work.
- Faculties of the department are having expertise in Modi script.
- Department is having large collection of historical coins, remnants.
- Students overall performance is good.

#### **B. Weaknesses:**

- Lack of PG department
- Lack of Major and minor research project.

#### **C. Opportunities:**

- Enhancement of research activities.

#### **D. Challenges:**

- Majority of student belong to rural and economically poor communities therefore they need special attention.

#### **FUTURE PLANS:**

- Proposal to be submitted for major and minor projects.
- Organisation of state/national level seminar/workshop
- Organisation of syllabus framing workshop at university level.
- It is plan to organise Mode Script workshop with the collaboration of Archaeological Department of Govt. Of Maharashtra.

## DEPARTMENT OF POLITICAL SCIENCE

1. Name of the Department: Political Science
2. Year of Establishment: June 1982
3. Names of Programmes / Courses offered: B. A.
4. Names of Interdisciplinary courses and the departments / units involved: NIL
5. Annual/ semester/choice based credit system (programme wise): BA Semester, CG PA
6. Participation of the department in the courses offered by other departments: History Geography, Economics, Marathi, English, Hindi.
7. Courses in collaboration with other universities, industries, foreign institutions, etc: NIL
8. Details of courses / programmes discontinued (if any) with reasons: NIL
9. Number of teaching posts: 02

Sr. No.	Posts	Sanctioned	Filled
1	Professor	00	00
2	Associate Professor	02	02
3	Assistant Professor	00	00

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Experience	Ph.D. Students guided for last 4 year
Dr. A.A. Patil	M.A., M.Phil, Ph.D	Associate Professor	Entire Political Science	34 Yrs	NIL
Mr. D.A. Badgujar	M.A.	Associate Professor	Entire Political Science	27 Yrs	NIL

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NIL

13. Student: Teacher Ratio (programme wise):

Programme	No. of students	No. of Teachers	STR
B.A. (Spl.)	71	02	1: 35.5
B.A. (Gen)	548	02	1: 274

Class	FYBA	SYBA	TYBA
B.A. (Gen)	339	111	98
B.A. (Spl.)	--	36	35



**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Nil	Nil	Nil

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Dr. A.A. Patil	M.A., M.Phil, Ph.D
2	Mr. D.A. BAdgujar	M.A.

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** NIL

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
Nil	Nil	Nil	Nil	Nil

**18. Research Centre / facility recognized by the University:** Nil

**19. Publications:**

Sr. No.	Particulars	Dr. A.A. Patil
1	Number of Papers Published in Peer Reviewed International and National Journals	2
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat. Social Sciences Directory, EBSCO host, etc.)	--
3	Monographs	--
4	Chapter in Books	--
5	Books Edited	Khandesh Lok sabha Pratinidhi
6	Total Citations	--
7	Citation Index	--
8	Source Normalized Impact Per Paper (SNIP)	--
9	SCImago Journal Ranking (SJR)	--
10	Impact Factor	--
11	h-index	--
12	i 10 – index	--

**20. Areas of consultancy and income generated:**

NIL

**21. Faculty as members in:**

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	NIL	NIL
International Committees	NIL	NIL
Editorial Board	NIL	NIL

**22. Student projects:**

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme	NIL	NIL	NIL	NIL	NIL
placed for projects in organizations outside the Institution	NIL	NIL	NIL	NIL	NIL

**23. Awards / Recognitions received by faculty and students:**

**A. Students:**

NIL

**B. Faculty:**

NIL

**24. List of eminent academicians and scientists / visitors to the department:**

**Dr. P. D. Deore**

**25. Seminars/ Conferences/Workshops organized and the source of funding:** NIL

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2011-12	FYBA	310	284	183	101	90.85
	SYBA G2	130	114	70	44	85.96
	SYBA S1	32	31	20	11	80.65
	SYBA S2	32	31	20	11	83.87
	TYBA G3	105	98	66	32	80.60
	TYBA S3	24	24	16	08	95.83
	TYBA S4	24	24	16	08	89.17
2012-13	FYBA	330	298	190	108	95.97
	SYBA G2	200	186	100	86	92.47
	SYBA S1	50	48	39	09	89.58
	SYBA S2	50	48	39	09	93.75
	TYBA G3	70	67	39	28	98.50
	TYBA S3	15	15	11	04	100
	TYBA S4	15	15	11	04	100
2013-14	FYBA	252	231	162	69	86.58
	SYBA G2	200	191	110	81	85.34
	SYBA S1	53	52	41	11	89.87
	SYBA S2	53	52	41	11	83.52
	TYBAG3	115	108	75	33	78.71

	TYBA S3	21	21	14	07	100
	TYBA S4	21	21	14	07	95.24
<b>2014-15</b>	FYBA	240	219	152	67	84.03
	SYBA G2	100	92	49	43	88.04
	SYBA S1	30	28	20	08	78.57
	SYBA S2	30	28	20	08	75.00
	TYBAG3	55	53	31	22	98.11
	TYBA S3	22	22	16	06	81.82
	TYBA S4	22	22	16	06	95.45

## 27. Diversity of Students:

Name of the Course	%of Students From the Same State	% of students From other States	% of Students From abroad
F. Y. B. Sc.	100%	NIL	NIL
S. Y. B. Sc.	100%	NIL	NIL
F. Y. B. A.	100%	NIL	NIL
S. Y. B. A.	100%	NIL	NIL
T. Y. B. A.	100%	NIL	NIL

## 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:

1. Mr. Patil Samadhan Nimbha Selected in SRPF (2012-13)
2. Mr. Patil Promod Sanjay Selected in Indian Army (2014-15)
3. Mr. Mali Ravindra Santosh have cleared NET (2012) and SLET (2013)

## 29. Student progression:

Student progression	Against % Enrolled
UG to PG	16
PG to M.Phil	NIL
PG to Ph.D	NIL
Ph.D to Post-Doctoral	NIL
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than Campus Recruitment</li> </ul>	NIL
Entrepreneurship/Self-employment	NIL

## 30. Details of Infrastructural facilities:

### 31. Number of students receiving financial assistance from College, university, government or other agencies:

About 90 percent of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government, while 2 percents students get benefitted to 'Earn and Learn' scheme and around 1 percent students get benefitted to Economically Weaker section scholarship sponsored by University and College.

**32. Details on student enrichment programmes (special lectures / workshops / seminar)with external experts:** Nil

**33. Teaching methods adopted to improve student learning:**

- Interactive method of teaching with Chalk and board method.

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- Dr. A. A. Patil Chairman of Annual Price Distribution
- Mr. D.A. Badgujar Chairman of Examination Committee.
- Tree plantation, Survey of rural area, Water literacy, Blood donation

**35. SWOC analysis of the department and Future plans:**

**A. Strengths:**

- 100% faculty is engaged in research.
- Students overall performance is good.

**B. Weaknesses:**

- Lack of modern class room facilities
- Lack of Post Graduation Department

**C. Opportunities:**

- Graduate students get opportunities in public services
- There are opportunities for students in the field of education, research and social organizations.

**FUTURE PLANS:**

- To Start the PG Department.

## DEPARTMENT OF ECONOMICS

- 1.Name of the Department :** Economics
- 2.Year of Establishment:** June 1977 (General Level)  
June 1978 (Special level)
- 3. Names of Programmes / Courses offered:** B. A. and B. Com.
- 4. Names of Interdisciplinary courses and the departments / units involved:** Nil
- 5. Annual/ semester/choice based credit system (programme wise):**  
Semester, CGPA pattern
- 6. Participation of the department in the courses offered by other departments:**  
Marathi, Hindi, English, Geography, History, Politics, Commerce
- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.:** Nil
- 8. Details of courses / programmes discontinued (if any) with reasons:** Nil
- 9. Number of Teaching posts:** 02

Sr. No.	Posts	Sanctioned	Filled
1	Professor	--	--
2	Associate Professor	01	01
3	Assistant Professor	01	01

- 10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Experience	Ph.D. Students guided for last 4 year
Mr.S.B.Patil	M.A.	Associate Professor	Economics	34	.....
Mr.A.A.Bhandare	M.A. B. Ed. N.E.T.,	Assistant Professor	Economics	06	.....

- 11. List of senior visiting faculty:** Nil
- 12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 14%
- 13. Student: Teacher Ratio (programme wise):**

Class	No.of Student	No of Teacher	Ratio
F.Y.B.A.	268	3	1:89
F.Y.B.Com	46	1	1:46
S.Y.B.A (Spl.)	34	2	1:17
S.Y.B.A (Gen.)	71	1	1:71

S.Y.B.Com.	32	1	1:32
T.Y.B.A.(Spl.)	12	2	1:06
T.Y.B.A (Gen.)	28	1	1:28

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:** Nil

Sr. No.	Post	Sanctioned	Filled
	--	--	--

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:P.G. -02**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr.S.B.Patil	M.A. (Eco),
2	Mr.A.A.Bhandare	M.A.(Eco),N.E.T., B.Ed,

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil

Name	Title of Project	Nature, Amount of Project (INR)	Duration	Funding Agency
--	--	--	--	---

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:** Nil

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
--	--	--	--	---

**18. Research Centre / facility recognized by the University:** Nil

**19. Publications:**

		Name of Faculty
Sr. No.	Particulars	Mr. A.A. Bhandare
1	Number of Papers Published in Peer Reviewed International and National Journals	01
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat. Social Sciences Directory, EBSCO host, etc.)	--
3	Monographs	--
4	Chapter in Books	01
5	Books Edited	--

6	Total Citations	--
7	Citation Index	--
8	Source Normalized Impact Per Paper (SNIP)	--
9	SCImago Journal Ranking (SJR)	--
10	Impact Factor	--
11	h-index	--
12	i 10 - index	--

**20. Areas of consultancy and income generated:**

Nil

**21. Faculty as members in:**

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	--	--
International Committees	--	--
Editorial Board	01	Mr. S. B. Patil, BOS in Economics 2005-10

**22. Student projects:**

Nil

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme placed for projects in organizations outside the Institution	--	--	--	--	--

**23. Awards / Recognitions received by faculty and students:**

Nil

**A. Students:**

Nil

**B. Faculty:**

Nil

**24. List of eminent academicians and scientists / visitors to the department:**

Sr. No.	Name of The Persons	Post & Institute
01	Prof .S.K.Patil	H.O.D Dept.of Economics, A.S.C College Chopda
02	Prof. N.V. Jadhav	Asso.Prof .Pratap College, AmalnerDist.Jalgaon
03	Prof.S.K.Patil	H.O.D Dept.ofEconomicsA.S.C College Chopda
04	Prof.H.D.Jadhav	Asso.Prof .Pratap College, AmalnerDist.Jalgaon

**25. Seminars/ Conferences/Workshops organized and the source of funding:** Nil

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage %
				Male	Female	

<b>2010-11</b>	<b>F.Y.B.A.</b>		147	147	98	49	91.15
	<b>F.Y.B.Com</b>		34	34	22	12	95.25
	<b>S.Y.B.A.</b>	<b>Spl.</b>	17	17	15	02	82.35
	<b>S.Y.B.A.</b>	<b>Gen.</b>	23	23	18	05	100
	<b>S.Y.B.Com</b>		25	25	17	8	68.00
	<b>T.Y.B.A.</b>	<b>Spl.</b>	09	09	07	02	83.33
	<b>T.Y.B.A.</b>	<b>Gen.</b>	11	11	08	03	90.90
<b>2011-12</b>	<b>F.Y.B.A.</b>		155	155	124	31	95.2
	<b>F.Y.B.Com</b>		53	53	29	24	75
	<b>S.Y.B.A.</b>	<b>Spl.</b>	17	17	12	05	81.25
	<b>S.Y.B.A.</b>	<b>Gen.</b>	34	34		14	94.11
	<b>S.Y.B.Com</b>		35	35	24	11	79.31
	<b>T.Y.B.A.</b>	<b>Spl.</b>	09	09	08	01	84.61
	<b>T.Y.B.A.</b>	<b>Gen.</b>	23	23	20	03	83.33
<b>2012-13</b>	<b>F.Y.B.A.</b>		150	133	104	29	99.24
	<b>F.Y.B.Com</b>		19	19	14	05	100
	<b>S.Y.B.A.</b>	<b>Spl.</b>	24	24	19	04	86.84
	<b>S.Y.B.A.</b>	<b>Gen.</b>	61	61	45	16	86.63
	<b>S.Y.B.Com</b>		25	25	10	15	47.61
	<b>T.Y.B.A.</b>	<b>Spl.</b>	09	07	07	00	85.71
	<b>T.Y.B.A.</b>	<b>Gen.</b>	25	18	15	03	88.88
<b>2013-14</b>	<b>F.Y.B.A.</b>		164	164	127	37	94.04
	<b>F.Y.B.Com</b>		24	24	19	05	66.67
	<b>S.Y.B.A.</b>	<b>Spl.</b>	19	19	12	07	88.57
	<b>S.Y.B.A.</b>	<b>Gen.</b>	26	21	16	05	87.50
	<b>S.Y.B.Com</b>		21	21	13	08	57.90
	<b>T.Y.B.A.</b>	<b>Spl.</b>	09	09	05	04	94.44
	<b>T.Y.B.A.</b>	<b>Gen.</b>	09	09	05	04	100

<b>2014-15</b>	<b>F.Y.B.A.</b>		154	154	98	58	93.66
	<b>F.Y.B.Com</b>		41	41	21	20	
	<b>S.Y.B.A.</b>	<b>Spl.</b>	31	31	26	07	73.68
	<b>S.Y.B.A.</b>	<b>Gen.</b>	66	66	43	23	96.49
	<b>S.Y.B.Com</b>		15	15	10	05	
	<b>T.Y.B.A.</b>	<b>Spl.</b>	17	17	14	03	88.23
	<b>T.Y.B.A.</b>	<b>Gen.</b>	33	33	26	07	78.57



**27. Diversity of Students:**

Name of the course	% of students from the same state	% of the students from other State	% of the students from abroad
F. Y. B.A.	100.00	00	00
F. Y. B.Com	97.77	2.23	00
S.Y.B.A.	100.00	00	00
S.Y.B.Com	100.00	00	00
T.Y.B.A.	100.00	00	00

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:**

Sr.No.	Name	Present Position
1	PatilRaosaheb Nana	Solder, Defence services
2	PawarMahendraAala	Technical, Defence services

**29. Student progression:**

Student progression	Against % Enrolled
UG to PG	40
PG to M.Phil	05
PG to Ph.D	05
Ph.D to Post-Doctoral	
Employed	
• Campus selection	00
• Other than Campus Recruitment	10
Entrepreneurship/Self-employment	40

**30. Details of Infrastructural facilities:**

- **Library:** Central & Departmental Library :Standard Economics,commercial , Financial, Industrial and co-operative journals are made available to the students through central library of the college along with recommended and reference books. There are some books, journals, newspapers and reference books available . Classrooms,Computer,Books,Table, Chair,Cupbord Ex.
- **Internet facilities for Staff & Students :** Yes

**31. Number of students receiving financial assistance from College, university, government or other agencies:**

Total No. of Students	College (Earn and learn Scheme)	University (Poor Boys Fund)	Government (GOI)
491	04	00	387

**32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

<b>Name of the Guest Lecturer</b>	<b>Designation &amp; Institute</b>	<b>Date</b>	<b>Topic of the Lecture</b>
Prof. S .K. Patil	H.O.D. Dept. Of Eco. A.S.C college Chopda	04/03/2010	BUDGET 2009-2010
Prof.N.V.Jadhav	Associate Professor Pratap College,Amalner	5/10/2014	Present Scenario of Indian Economy
Prof.S .K. Patil	H.O.D. Dept. Of Eco. A.S.C college Chopda	22/09/2015	GST and VAT
Prof .H.D. Jadhav	Assistant Professor Pratap College Amalner	03/10/2015	Importance of Economics In Competitive Examination
Mr.MukeshChordi iya	Chartered Accountant MukeshChordiya and co.	12/10/2015	Carrier opportunity in Commerce & Economics

- Department conducts Seminar,group discussion & PPT programme for Student on Economics Subjects in college level .
- Inaguration Function ofArthYuvaManch.,Vanijy-ArthYuvaManch, Commerce Association .

**33. Teaching methods adopted to improve student learning:**

- Guidance and Discussions of University Question Papers Patterns and Evaluation Methods
- College Assessment twice in a year semester wise
- Power Point Presentation by students in classroom.
- Group discussion by students in classroom.
- Analysis &discussion Past Question Papers.
- Use of Charts, Diagrams
- Short Questions asked to the students at end of lectures.
- Guest Lectures of Economics Experts and Learned Lecturers.

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

<b>Name of the faculty</b>	<b>ISR Extension activity</b>	<b>Duration</b>
Mr.S.B.Patil	NSS Programme Officer	1985-95,2006-09

	Life Member Of Marathi Arth-ShastrParishad	
	Member Of MaraathaSevaSanghParola	2000-2005
	Secretary Of Sane Guruji Housing Society Parola	2000-2005
	Director, of Sane Guruji vidhyaprasaraksansthaParol	2000-2005
	Member of M.M .and S.S.Board of Studies Economics	2005-2010
	Member of LMC	2013 Till a date
Mr.A.A.Bhan dare	NSS Programme Officer	2013-16
	Member Of YuvakBiradari, Parola	2010-12
	Secretary Of YuvakBiradari, Parola	2012 - Till a date
	Life Member Of Buddhist Society of India	
	Asst.Coordinator` of AnusuchitJaati-JamatiSangh	

### 35. SWOC analysis of the department and Future plans:

#### A. Strengths:

- % 100Faculty is engaged in research
- Good number of books in College library

#### B. Weaknesses:

- Need more job and skill oriented courses
- Less no. of students' participation from rural area in dept. events due to time boundness
- Lack of modern classroom facilities

#### C. Opportunities:

- To create awareness among the students about the utility of economics in society
- To develop and ability for appearing the competitive examinations.
- To make cultured and social responsible students
- To give insight to economics students in business environment who are in rural area.
- To develop personalities for the students through the various activities .

#### D. Challenges:

- To create awareness among the students about the utility of economics ,Banking in society
- To create awareness among the students to promote Entrepreneurship.

**FUTURE PLANS:**

- To start - Employment Cell of the department
- Certificate Course and Job Oriented Courses
- To encourage the students to participate in Competitive Examinations.
- To start Departmental Library.

## DEPARTMENT OF COMMERCE & MANAGEMENT

- 1. Name of the Department:** Commerce & Management
- 2. Year of Establishment:** June 1978
- 3. Names of Programmes / Courses offered:** U.G.B.Com
- 4. Names of Interdisciplinary courses and the departments / units involved:**
- 5. Annual/ semester/choice based credit system (programme wise):** B. Com. Semester, CG PA
- 6. Participation of the department in the courses offered by other departments:**  
Marathi, Hindi, English, Economics, Faculties delivered lectures of Environmental Science at First Year of B. A., B.Com and B.Sc. and General Knowledge at Second Year of B. A., B.Com and B. Sc.
- 7. Courses in collaboration with other universities, industries, foreign institutions, etc.:** NIL
- 8. Details of courses / programmes discontinued (if any) with reasons:** Nil
- 9. Number of Teaching posts:** 04

Sr. No.	Posts	Sanctioned	Filled
1	Professor	Nil	Nil
2	Associate Professor	02	02
3	Assistant Professor	02	01

- 10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Experience In Yrs	Ph.D. Students guided for last 4 year
Mr. Y. Y Patil	M.Com, M.Phil	Associate Professor	Advance Accounting, & Advance Costing	34	Nil
Dr. P.N. Purkar	M.Com, M.Phil & Ph.D	Associate Professor	Advance Accounting, & Advance Costing	36	Nil
Mr. P. N. Ingole	M.Com Net	Assistant Professor	Human Resources Management	5	Nil

- 11. List of senior visiting faculty:** Nil
- 12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:** 30%
- 13. Student: Teacher Ratio (programme wise):**

F,Y B.Com	Ratio	S.Y.B. Com	Ratio	T.Y.B. Com	Ratio	Total	No Teacher	of Ratio
46	1:15.33	32	1:10.66	10	1:3.33	88	3	1:29.33

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Lab Assistant	-	-
2	Lab Attendant	-	-

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr. Y.Y. Patil	M.Com,M.Phil
2	Dr. P.N.Purkar	M.Com., M. Phil, Ph.D
3	Mr. P .N .Ingole	M. Com,NET

**16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received:** Nil

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
	Nil	Nil	Nil	Nil

**18. Research Centre / facility recognized by the University:** Nil

**19. Publications:**

Sr. No.	Particulars	Prof.P.N.Ingole
1	Number of Papers Published in Peer Reviewed International and National Journals	04
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat. Social Sciences Directory, EBSCO host, etc.)	
3	Monographs	
4	Chapter in Books	
5	Books Edited	
6	Total Citations	
7	Citation Index	
8	Source Normalized Impact Per Paper (SNIP)	

9	SCImago Journal Ranking (SJR)	
10	Impact Factor	
11	h-index	
12	i 10 – index	

**20. Areas of consultancy and income generated:**

NIL

**21. Faculty as members in:**

Faculty as members in....	No. of Faculties	Name of Faculties
National Committees	Nil	Nil
International Committees	Nil	Nil
Editorial Board	Nil	Nil

**22. Student projects:**

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme	Nil	Nil	Nil	Nil	Nil
placed for projects in organizations outside the Institution	Nil	Nil	Nil	Nil	Nil

**23. Awards / Recognitions received by faculty and students:**

**A. Students:**

Nil

**B. Faculty:**

Nil

**24. List of eminent academicians and scientists / visitors to the department:**

Mr. S .K. Patil	Associate ProfessorA.S.C college Chopda
Prof .S.D. Jadhav	Assistant Professor Pratap College Amalner
Mr.Mukesh Chordiya	Chartered AccountantMukesh Chordiya and co.

**25. Seminars/ Conferences/Workshops organized and the source of funding:** Nil

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2010-11	F.Y.B.Com	34	34	22	12	100
	S.Y.B.Com	25	25	17	8	68.00
	T.Y.B.Com	33	33	22	11	54.00
2011-12	F.Y.B.Com.	28	28	13	15	89.05
	S.Y.B.Com.	35	35	24	11	54.28
	T.Y.B.Com.	34	34	10	24	38.00
2012-13	F.Y.B.Com.	19	19	14	05	94.73
	S.Y.B.Com.	25	25	10	15	80.00
	T.Y.B.Com.	15	15	10	05	73.33
	F.Y.B.Com.	24	24	19	05	62.5

2013-14	S.Y.B.Com.	21	21	13	08	71.42
	T.Y.B.Com.	29	29	11	18	34.48
2014-15	F.Y.B.Com.	41	41	21	20	78.048
	S.Y.B.Com.	15	15	10	05	66.66
	T.Y.B.Com.	15	15	10	05	46.66
2015-16	F.Y.B.Com.	46	46	32	14	-----
	S.Y.B.Com.	32	32	15	17	-----
	T.Y.B.Com.	10	10	05	05	-----

## 27. Diversity of Students:

Name of the course	% of students from the same state	% of the students from other State	% of the students from abroad
F Y B.Com	97.77	2.23	00
S.Y.B.Com	100	00	00
T.Y.B.Com	100	00	00

## 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:

- Mr Vikrant Devidas Palatshaha (NET) JUNE 2012

## 29. Student progression:

Student progression	Against % Enrolled
UG to PG	20
PG to M.Phil	--
PG to Ph.D	--
Ph.D to Post-Doctoral	--
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than Campus Recruitment</li> </ul>	
Entrepreneurship/Self-employment	60

## 30. Details of Infrastructural facilities:

- Department is having computer laboratory with an area of 210 sq. ft.
- Department having 11 computers with scanner, Printer, Inverter and internet facility for practical purposes.
- All computers are installed with Tally 9.2 Educational Software.

## 31. Number of students receiving financial assistance from College, University, Government or other agencies:

Total No. of Students	College (Earn and learn Scheme)	University (Poor Boys Fund)	Government (GOI)
87	01	00	87



**32. Details on student enrichment programmes (special lectures / workshops / seminar) With external experts:**

Special Seminar and Lectures were arranged.

Name of the Guest Lecturer	Designation& Institute	Date	Topic of the Lecture
Mr. S .K. Patil	Associate Professor A.S.C college Chopda	22/09/2015	GST and VAT
Prof .S.D. Jadhav	Assistant Professor Pratap College Amalner	03/10/2015	Importance of Economics In Competitive Examination
Mr. Mukesh Chordiya	Chartered Accountant Mukesh Chordiya and co.	12/10/2015	Carrier opportunity in Commerce

Department conducts seminar, power point presentations and group discussion for student every year

**33. Teaching methods adopted to improve student learning:**

- Guidance and Discussions of University Question Papers Patterns and Evaluation Methods
- College Assessment twice in a year semester wise
- College Assessment at every end of term
- Presentation by students in classroom.
- Group Discussion by students in classroom.
- Analysis & Discussion Past Question Papers.
- Home assessment to the Students
- Use of LCD Projector
- Use of Charts, Diagrams
- Short Questions asked to the students at end of lectures.
- Guest Lectures of Economics Experts and Learned Lecturers

**34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

Faculties and students are engaged in the social responsibilities and extension activities for the College,

**35. SWOC analysis of the department and Future plans:**

**A. Strengths:**

- To provide good business environment for students
- To arranged industrial tour for practical business knowledge for students

- To create social responsibility for students for fair business
- Personality development of students through various activities
- Arranged shops and banking visits for practical knowledge.
- To create fair background to increase consciousness among the students relating to economy, Banking, tax, business, law, business communication ,trade , industries , management , co-operative , communication & insurance.

#### **B. Weaknesses:**

- Less number of Research activities
- Less number of Permanent faculty members

#### **C. Opportunities:**

- Enhancement of research activities.
- To improve the teachers qualification
- Research paper published in ISSN, ISBN Journal
- To organize National and International Symposium
- To change the professional views of the teachers
- To develop strong research activity

#### **D. Challenges:**

- TO create good environment for better communication to students
- To promote students for self-employment
- To provide skilful education for students
- To provide modern facility for student development

#### **FUTURE PLANS:**

- Departmental infrastructure would be expanded.
- Provision of modern classroom facilities.
- Department estimates to Start PG
- To start Departmental Library.

## DEPARTMENT OF SOFTWARE DEVELOPMENT

1. **Name of the Department:** Software Development
2. **Year of Establishment:** 2014
3. **Names of Programmes / Courses offered:** U. G. - B. Voc.
4. **Names of Interdisciplinary courses and the departments / units involved:** Nil.
5. **Annual/ semester/choice based credit system (programme wise):** Semester ,CGPA
6. **Participation of the department in the courses offered by other departments:** Mathematics, Physics, Computer Science
7. **Courses in collaboration with other universities, industries, foreign institutions, etc.:**
  - National Association of Software and Services Companies (NASSCOM),
  - Institute of Management Research, Jalgaon,
  - AMIS IT SolutionPune,
  - NSN Teknology, Pune
8. **Details of courses / programmes discontinued (if any) with reasons:** Nil.
9. **Number of teaching posts:**

Sr. No.	Posts	Sanctioned	Filled
1	Professor	0	0
2	Associate Professor	0	0
3	Assistant Professor	1	1

10. **Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)**

Name	Qualification	Designation	Specialization	Exp.
Mr. Nitin N. Patil	M. C. A.	Asstt. Prof.	Computer and Application	03 Yrs

11. **List of senior visiting faculty:** Following senior faculties have been visited to the department.

1. Prof. Uday Chatur ,Institute of Management and Research (IMR, JALGAON)
2. Mr. Sandeep Uttamrao Mali, Network Consultant, Tech Mahindra ,Malaysia
3. Mr. Sanjay L. Baviskar , Project Manager, AMIS IT Solution, Pune

4. Dr. R. S. Jain, C. T. Bora College, Shirur, Pune
5. Mr. Manoj Patil ,NSN Teknology, Pune
6. Mr. Tushar Chaudhari, M. J. College Jalgaon
7. Mr. Mahesh N. Joshi, Shift Digital Media,Pune

**12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 20%**

**13. Student: Teacher Ratio (programme wise):1:50**

	F. Y. B. Voc.	S.Y.B. Voc.	Ratio
No. of Students	50	23	83:1
No. of Teachers	1		

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Laboratory Assistant	01	01
2	Laboratory Attendant	01	01

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr. Nitin N. Patil	M. C. A.

**16. Number of faculty with on-going projects from a) National b) International funding agencies and grants received:**

Name	Title of Project	Nature, Amount of Project (INR)	Duration	Funding Agency
--	--	--	--	--

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:**

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
--	--	--	--	--

**18. Research Centre / facility recognized by the University:** Nil

**19. Publications:** Nil

**20. Areas of consultancy and income generated:**

- Department provides 'small Scale Software Development and Website Development facilities'.

**21. Faculty as members in:** Nil

**22. Student projects:**

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including interdepartmental/programme	--	--	--	--	--
placed for projects in organizations outside the Institution	--	--	--	--	--

**23. Awards / Recognitions received by faculty and students:**

**A. Students:** Nil

**B. Faculty:** Nil

**24. List of eminent academicians and scientists / visitors to the department:**

Name of Academician	Position	Place
Dr. B. V. Pawar	Dean, Faculty of Science,	NMU, Jalgaon
Dr. P. R. Chaudhari	Dept of Env. Science	NMU, Jalgaon
Dr. S.T. Engale	Dept of Life Sci.	NMU, Jalgaon
Dr. R. S. Gupta	Director	NMU, Jalgaon
Dr. G. S. Rashinkar	Associate Professor, Department of Chemistry,	Shivaji University, Kolhapur.
Dr. ShirishH. Sonawane	Associate Professor,	Department of Chemical Engg. National Institute of Technology , Warangal (AP)

**25. Seminars/ Conferences/Workshops organized and the source of funding:**

Title of Workshop Organised	Funding agency	Date
Two days Workshop Hardware Networking tools and Concept use in Software Development	U. G. C. B. Voc. Scheme	28-29 Oct 2015
Practice to give Communication in Technical Report Writing	U. G. C. B. Voc. Scheme	22 July 2015
Workshop on PHP Live Project	U. G. C. B. Voc. Scheme	20-21 July 2015
Career Oriented Programme Skill	U. G. C. B. Voc. Scheme	11 March 2015
Workshop on hand on practice CSS and Javascript and same basic concept of BOOTSTRAP	U. G. C. B. Voc. Scheme	14 Feb 2015
Seminar on Communication Skill	U. G. C. B. Voc. Scheme	07 Jan 2015
Seminar on Installation and Configure PHP and Its IDE to develop the web applications	U. G. C. B. Voc. Scheme	03 Jan 2015

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Application Received	Selected	Enrolled		Passing Percentage
				Male	Female	
2014-15	F. Y. B. Voc.	31	31	22	09	80.64%
2015-16	F. Y. B. Voc.	50	50	35	15	-
	S. Y. B. Voc.	24	24	15	09	-

**27. Diversity of Students:**

Name of the Course	% of Students From the Same State	% of students From other States	% of Students From abroad
F. Y. B. Voc.	98%	02%	NIL
S. Y. B. Voc.	100%	NIL	NIL

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:Nil**

**29. Student progression:**

Student progression	Against % Enrolled
UG to PG	Nil
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than Campus Recruitment</li> </ul>	Nil
Entrepreneurship/Self-employment	Nil

**30. Details of Infrastructural facilities:** The department of Software Development has good infrastructural facility.

- Department is having Laboratory area of 30X 20ft = 600sq. ft. with Air Conditioner.
- Department is recognized as a Skill Based Education.
- Department is having 32 Computers with Head Phone ,Web Cameras, Scanners, Leser Printer, Dot Matrix Printer, Smart Board with LCD projector attach with surround sound system speakers, Xerox machine and Internet facility for students
- Wi-Fi facility also available.

- Department having Library facility- Along with central library facility students can avail departmental library facility which increases the subject interest among the students
- Department is having One Central Server like UV-Visible Spectrophotometer, Flame Photometer, Ultrasound probe Sonicator, Ultrasound Interferometer, Muffle furnace and other necessary

**31. Number of students receiving financial assistance from College, university, government other agencies:**

- About 90% of the students get benefitted SC/ST/OBC/NT/SBC/EBC scholarships by the government.
- While 4% students get benefitted to 'Earn and Learn' scheme
- Around 2% students get benefitted to Economically Weaker section scholarship sponsored by University and College

**32. Details on student enrichment programmes (special lectures / workshops / seminar)with external experts:**

- To enrich students on various topics special lectures are arranged for the students on the E-learning Content provide by Sector Skill Council India
- Companies Guest Lecture Facility provide (by Video Conferencing)
- Hand Held Practice Workshop or Seminar arrange by IMR, Jalgaon also Collaborate Company
- Communication Skills Lecture organize by Language Teachers and Guest Faculties.
- To organize Industrial study Tour for students.

**33. Teaching methods adopted to improve student learning:**

- Follow the NSQF Guidelines for students learning and Teaching
- As per the QPs (Qualification Packs) And NOS (National Occupation Standard) learning Methods
- Solving Case study
- Disussion Session is organized by Department to discuss with student

- Use of new technology for effective teaching, Most lecture are on power point presentation

#### **34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- Head of Department Mr. Nitin Namdeo Patil, Member of Staff Academic & Faculty Development Committee, Member of Vocational Career Guidance & Placement information Cell & Competitive Exam, Member of Annual Prize Distribution Committee
- With the help of students, faculty members and non-teaching staff actively participates in water and soil analysis for farmers.
- Participation in blood donation camp organized by college every year.
- Involvement in rallies against social evils.
- Save water drive, Tree plantation, Survey of rural area, Water literacy, Blood donation etc.
- Celebration of environmental days in collaboration with N.S.S.

#### **35. SWOC analysis of the department and Future plans:**

##### **A. Strengths:**

- Good infrastructure
- Well-equipped laboratory with all facilities
- Skill based education.
- Students overall performance is good
- Increasing girl students than the boys for Software Development.
- Departmental library.

##### **B. Weaknesses:**

- Permanent faculty.

##### **C. Opportunities:**

Job opportunities are available in teaching profession. As well student can get job in various Software Development Industry, Government IT department. Student of software development can avail job in defense as well as planning and education departments of state and central governments.

##### **D. Challenges:**

#### **FUTURE PLANS:**



- To start M. Voc. Course in Software Development.
- Interdisciplinary Certificate Course
- To organize Workshop and National conference
- Department desire to organize series of lectures of eminent scientist/Industry Persons

## DEPARTMENT OF SOIL AND WATER CONSERVATION

1. Name of the Department: **Soil and Water Conservation**
2. Year of Establishment: **2014**
3. Names of Programmes / Courses offered: **U.G. B. Voc.**
4. Names of Interdisciplinary courses and the departments / units involved: **Nil**
5. Annual/ semester/choice based credit system (programme wise): **Semester & CGPA**
6. Participation of the department in the courses offered by other departments: **Chemistry, Botany, Geography, English, Marathi**
7. Courses in collaboration with other universities, industries, foreign institutions, etc.:
  - **Agriculture Sector Skill Council**
  - **Institute of Management Research, Jalgaon,**
  - **JalSRI, Jalgaon**
8. Details of courses / programmes discontinued (if any) with reasons: **Nil**
9. Number of teaching posts:

Sr. No.	Posts	Sanctioned	Filled
1	Professor	0	0
2	Associate Professor	0	0
3	Assistant Professor	1	1

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	Exp.
Mr. A.M. Deore	M.Sc.	Asstt. Prof.	Agriculture	02Yrs

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: **20%**
13. Student: Teacher Ratio (programme wise): 70:1

	F.Y.B.Voc	S.Y.B.Voc	Ratio
No of Students	50	20	70:1
No. of Teachers	1		

**14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:**

Sr. No.	Post	Sanctioned	Filled
1	Laboratory Assistant	01	01
2	Laboratory Attendant	01	01

**15. Qualifications of teaching faculty with D.Sc. / D.Litt. / Ph.D. / M.Phil. / P.G.:**

Sr. No.	Name of Faculty	Educational Qualification
1	Mr. Aniruddha M. Deore	M.Sc. (Agri.)

**16. Number of faculty with on-going projects from a) National b) International funding agencies and grants received:** Nil

Name	Title of Project	Nature, Amount of Project (INR)	Duration	Funding Agency
--	--	--	--	--

**17. Departmental projects funded by DST-FIST, UGC, etc. and total grants received:** Nil

Name	Title of the project	Nature, Amount of the project (INR)	Duration	Funding agency
--	--	--	--	--

**18. Research Centre / facility recognized by the University:** Nil

**19. Publications:**

Sr. No.	Particulars	Mr. A. M. Deore
1	Number of Papers Published in Peer Reviewed International and National Journals	3
2	Number of publications listed in International Database (viz. Web of Science, Scopus, Humanities International Complete, Dare Database - Internat. Social Sciences Directory, EBSCO host, etc.)	Nil
3	Monographs	Nil
4	Chapter in Books	Nil
5	Books Edited	Nil
6	Total Citations	Nil
7	Citation Index	Nil
8	Source Normalized Impact Per Paper (SNIP)	Nil
9	SCImago Journal Ranking (SJR)	Nil

10	Impact Factor	Nil
11	h-index	Nil
12	i 10 – index	Nil

**20. Areas of consultancy and income generated:** Soil and Water testing laboratory

**21. Faculty as members in:** Nil

**22. Student projects:**

Percentage of students done...	2010-11	2011-12	2012-13	2013-14	2014-15
in-house projects including inter departmental/programme	Nil	Nil	Nil	Nil	Nil
placed for projects in organizations outside the Institution	Nil	Nil	Nil	Nil	Nil

**23. Awards / Recognitions received by faculty and students:**

A. Students: Nil

B. Faculty: Nil

**24. List of eminent academicians and scientists / visitors to the department:**

Name of Academician	Position	Place
Dr. B. V. Pawar	Dean, Faculty of Science,	NMU, Jalgaon
Prof.P.D.Patil	Asstt.Prof	JalSRI,Jalgaon
Prof.Y.S.Talale	Asstt.Prof	JalSRI, Jalgaon

**25. Seminars/ Conferences/Workshops organized and the source of funding:**

**26. Student profile programme / course wise:**

Academic Year	Name of the program	Applica tion Receive d	Selected	Enrolled		Passing Percentage
				Male	Female	
2014-15	F. Y. B. Voc.	31	31	22	09	80.64%
2015-16	F. Y. B. Voc.	50	50	35	15	
	S. Y. B. Voc.	24	24	15	09	

**27. Diversity of Students:**

Name of the Course	% of Students From the Same State	% of students From other States	% of Students From abroad
F. Y. B. Voc.	100%	NIL	NIL
S. Y. B. Voc.	100%	NIL	NIL

**28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?:** Nil

**29. Student progression:** Nil

Student progression	Against % Enrolled
UG to PG	Nil
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post-Doctoral	Nil
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than Campus Recruitment</li> </ul>	Nil
Entrepreneurship/Self-employment	Nil

**30. Details of Infrastructural facilities:**

The department of Soil & water conversation has good infrastructural facility. Department is recognized as a Skill Based Education. There are 3 computer systems in the department with internet facility with availability of scanner, printer and Xerox for student Wi-Fi facility also present. Soil Sampling Augers big 1 mtr, Post Hole Auger big 1 mtr, Core Cutter, Infiltrometer With Gauge Double ring, Siphon Tubes, Measurement of water – Digital usb with gov calibration, Drip Irrigation Model – components, pH Meter with TDS with Electrode, Conductometer (EQ 660-A),

**31. Number of students receiving financial assistance from College, university, government other agencies:**

90% of the students get benefited with S.C./S.T./S.B.C./O.B.C. scholarships by the government while 2% students get benefited to earn & learn scheme sponsored by university And College.

**32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:**

- Industrial study Tour for students.
- Guest Lectures

### **33. Teaching methods adopted to improve student learning:**

Smart Board, LCD projectors, Model based teaching while conducting practices, charts

### **34. Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- With the help of students, faculty members and non teaching staff actively participates in water and soil analysis for farmers.
- Participation in blood donation camp organized by college every year.
- Involvement in rallies against social evils.
- Save water drive, Tree plantation, Survey of rural area, Water literacy, Blood donation etc.
- Celebration of environmental days in collaboration with N.S.S.

### **35. SWOC analysis of the department and Future plans:**

#### **A. Strengths:**

- Good infrastructure,
- Well equipped lab
- Students overall performance is good.
- Departmental library

#### **B. Weaknesses:** Perment faculty.

#### **C. Opportunities:**

Job opportunities are available in teaching profession. As well student can get job in various Soil water Conservation, Government Soil water Conservation department. Student of Soil water Conservation can avail job in NGO as well as ARS and education departments of state and central governments.

#### **D. Challenges:**

### **FUTURE PLANS:**

- To organize Workshop and National conference
- Department desire to organize series of lectures of eminent scientist.