



Atul Vidya Mandir's

## **Rajarshee Shahu Science College**

Chandur Railway, Dist: Amravati - 444904 (M.S.)

[www.rssc.edu.in](http://www.rssc.edu.in)

# **Self Study Report**

Submitted to

National Assessment and Accreditation Council

Bengaluru

**February – 2017**



Atul Vidya Mandir's

## Rajarshee Shahu Science College, Chandur Rly

Dist: Amravati (M.S.) 444 904

(College Code : 807)

President

Prof. Annasaheb Alias Walmikrao Jagtap

Secretary

Prof. Virendrabhau Jagtap

Principal

Dr. Suresh S. Thakare

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Ref. No.

RSSC/103/2017

Date:

29/03/2017

To

Dr. Ganesh Hegde

Deputy Adviser

National Assessment & Accreditation Council

P. O. Box. No. 1075, Opp: NLSIU

Nagabhavi, Bangalore - 560 072

**Subject: Intimation regarding uploading of SSR on website**

Dear Sir,

We hereby intimate that SSR is uploaded on website as per following details.

Sl. No.	Particulars	
1.	Name of the Institution and Address	Rajarshee Shahu Science College, Virul Road, Chandur Railway, Dist. Amravati
2.	Head of Institute	Dr. S. S. Thakare
3.	Contact Mobile No.:	9422844149
4.	Co-ordinator	Dr. G. B. Santape
5.	Contact Mobile No.:	9850052692
6.	Track Id of NAAC:	MHCOGN27024
7.	Accreditation Cycle	Cycle 1
8.	Web site:	www.rssc.edu.in
	Web-link showing SSR	http://www.rssc.edu.in/pdf/ssr.pdf
9.	a. Date of Uploading SSR: (SSR accepted, after one month of uploading only)	27/02/2017
	b. Probable date of submission of SSR:	30/03/2017
10.	Institution has Uploaded the data of All India Survey of Higher Education (AISHE - MHRD) website: (Mandatory)	Certificate of AISHE Attached
11.	12 B UGC status and XII Plan General Development Grant copy submitted to NAAC:	Applied to UGC for 12 B Status.
12.	Probable date of NAAC Peer Team Visit: (After 60 days of SSR Submission and before 180 days)	12 July 2017 13 July 2017 14 July 2017
13.	Nearest Airport for the Peer team to arrive: and distance (and time taken) from the Airport to the College/place of stay	Nagpur Distance - 150km, Time: 03:00Hours Place of Stay- Amravati

With regards



*Dr. S. S. Thakare*

Dr. S. S. Thakare  
Principal

Rajarshee Shahu Science College  
Chandur Rly. Distt. Amravati

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## **PREFACE**

Rajarshee Shahu Science College, established under Atul Vidya Mandir (Wardha) in the year 2008 is affiliated to Sant Gadge Baba Amravati University, Amravati situated in Vidarbha region of Maharashtra state. Honorable Shri Annasaheb Jagtap, the retired dean from Nagpur University, Commerce faculty, has pioneered the college with his sincere but very strong desire to educate the rural localities with the modern developmental techniques especially in the field of Science. The college offers UG programme as a single Science faculty and soon it is expecting to have two more UG programmes - Arts and Commerce which are pending with concern governing authority for further official procedure. In a very short span of its establishment the college had grown in multiple directions and gained tremendous popularity for its regularity, academic success, co-curricular opportunities, infrastructure and the devotion of its teachers in the overall development of our stakeholders. The glorious development of our college is majorly due to the timely and mature guidance of the Secretary of Atul Vidya Mandir (Wardha) Prof. Virendrabhau Jagtap, Member of Legislative Assembly and Vice-president Prof. Uttaratai Jagtap, our torchholders.

Since its commencement, the campus provides a conducive environment for learning in harmony with nature. The college had gradually gravitised students towards scientific temperament, gained momentum in achieving fixed goals and objectives which can be evident through their active participation in curricular and co-curricular activities conducted in and outside the campus.

It gives me immense pleasure and privilege to submit the 'Self Study Report' of our college for the first cycle of assessment and accreditation by the NAAC, Bangalore. This report has been prepared as per the guidelines of NAAC. Introspections and brain storming meetings amongst all the staff members along with the IQAC have helped in preparing the Self Study Report of the college. The report is a reflection of the academic and administrative functions and activities happening in our college. It would be a great delight to hear from you soon on Peer Team visit for inspection of our College.

**Dr. Suresh S. Thakare**

Principal

Rajarshee Shahu Science College  
Chandur Rly, Dist. Amravati (M.S.)

## Principal's Message



Dr. S. S. Thakare

Rajarshee Shahu Science College, Chandur Rly, in Amravati District, is the conspicuous reflection of the vision of Honourable Annasaheb Jagtap. He has materialized the educational and the social engineering dimensions of his ideas and ideals in shaping this institute. His pursuit for excellence finds reflection in every single thing that has come up within a very short span since 2008, the year of its birth. This science college in a tiny taluka place finds its foundation so well heeled with all basic infrastructures in such a short span. The spacious classrooms, well-equipped and self-sufficient laboratory, botanical garden, library, Vidhyarathi Vastu Bhandar, the spread of playground speak for diligence and efforts that must gone in seeing everything take shape. The well landscaped and well maintained campus is another prized possession. Along with the physical support of infrastructure the talented, youthful and sincere teaching staff is all concerned and committed to the cause of academic dimensions in today's competition driven world. To keep pace with the changing world we also believe in seeking help of learned faculties from around so that our students get state of the art exposure in regular curriculum and the competitive examinations. Efforts are taken to see that our students grow well informed enough to realize the challenges posed to our ecosystem. Continuous evaluation system is our focal point.

As the head of the institute, I feel it an honour to enjoy the profound confidence of the sensitive management. I am confident that the fraternity of students although coming from unprivileged and comparatively handicapped rural background, will rise to the expectations of the institute and contribute to its repute and see it excel with their achievements. In pursuit of quality we all have – Miles to go, so let excellence be our watchword.

### **A. Executive Summary**

Atul Vidya Mandir, Wardha, was established in 1991 in the memory of Late Shri. Atul W. Jagtap. The Institution runs Late Sulbhatai Jagtap Madhyamik Vidhyalaya, Nimgaon, of Chandur Rly taluka of Amravati, and Late Atul Jagtap Madhyamik Vidhyalaya, Shirasgaon Chandur Rly, Amravati district and Rajarshee Shahu Science and Atul Jagtap Arts Junior College, Chandur Rly. The institution had also established Rajarshee Shahu Science College at Chandur Railway, Dist. Amravati of Maharashtra state in the year 2008 under the able leadership of Hon'ble Prof. Annasaheb Jagtap, Prof. Virendrabhau Jagtap and Prof. Uttaratai Jagtap. The college imparts education with a mission responding to the demands of time and needs of the society taking into consideration the socio-economic, political and administrative challenges. Since its inception, the college has been rendering great service to the socially backward and marginalized students in higher education. About sixty percent students are girls evidently speaks for its empowering women endeavour.

Rajarshee Shahu Science College is the only 100 % grant- in aid Science College in the tehsil Chandur Railway. The college is conducting undergraduate programme (B.Sc.) only. At present the college has the total strength of 320 students. The college has shown quantum jump in all dimensions like academics, co-curricular activities, infrastructure, conducive teaching - learning atmosphere, administration along with lush green campus. While applying for the first cycle of assesement and accreditation, the college has compiled a 'Self Study Report' by elaborating the information on its concerned areas and distinguishing features under each criterion. The highlights of criterion are as follows.

### **CRITERION – I: CURRICULAR ASPECTS**

The College is affiliated to Sant Gadge Baba Amravati University, Amravati. University is running semester pattern for the Science faculty. Institution is running B.Sc. course by offering optional subjects choice of four different combinations each of three subjects. Academic calendar and time table is prepared at the beginning of the academic session. Teachers plan the curriculum prescribed by the university at micro level in each semester. After getting it approved from IQAC, micro planning is executed meticulously. Execution is minutely monitored by the Principal. All faculty members are maintaining their diaries to record day to day activities. As a part of academic activity guest lectures, seminars, workshops, educational tours, Botanical and Zoological excursions, field surveys and industrial visits are regularly arranged. Remedial coaching classes are run for slow learners.

### **CRITERION – II: TEACHING, LEARNING AND EVALUATION**

College continually take necessary measures, in shaping students in all dimensions, in keeping this competitive world in mind. To meet the demands of higher education of the students, faculties work hard in transmitting subject

knowledge to the individual minds by adopting various interactive teaching methods like seminar, quiz, group discussion, poster presentation, industrial visits, educational tour and educational excursions, arrange guest lectures and workshops. Also students make use of infrastructural facilities like laboratories, library, I.C.T., play ground etc. to the fullest. Teachers motivate and help students to take part in various curricular and co-curricular events conducted inside and outside the campus. Every year, maximum students take part in all activities conducted by the college and an around 15 % of the students participate in intercollegiate different competitions.

Teachers encash all those opportunities which add to individual and institutional excellence. Apart from regular practice of conducting class tests, unit test, surprise test, open book test, MCQ test, common test, projects etc., extra efforts have been taken by the faculties for slow learners and advance learners for better result of the students and the college. The college results had consistently found better than overall result of the university.

### **CRITERION – III: RESEARCH, CONSULTANCY AND EXTENSION**

This is a budding undergraduate single faculty college opened just eight years back. Teachers do not have requisite experience to register as recognized supervisors. Out of 10 faculty members, six are Ph.D. holders. Two are engaged in individual research activity towards Ph.D. programme. Faculty members are engaged in research activity participated in national and international seminars, conferences. About 116 research papers published in the national and international journals/conference proceedings. On an average there are 10 publications per faculty in referred peer reviewed and indexed journals and proceedings of conferences. These publications have gained about 97 citations and impact factor upto 6.42, h-index up to 12. Eleven chapters in various text books are in the credit of faculties. Two students are awarded with Ph.D. degree and four are working under the supervision of the Principal who joined this college in the last session. Collaborative links with MoU have been established by few departments and conducting research based activities. The college has excellent track record of extension activities conducted in various categories such as community development, environmental awareness, social work, blood donation, AIDS Awareness programs, Sickle Cell Anemia, Blood sugar testing, Vermicompost, Swachata Mitra Elocution competition, Jagar Janivancha and Samuhik Vivah Sohala. These activities are carried out by the departments in the benefit of students in particular and the community in general.

### **CRITERION-IV: INFRASTRUCTURE AND LEARNING RESOURCES**

The college campus, in total, has an area of 7018 sq. m. The college has well structured builtup area of 2233.75 sq m which includes six independent well equipped laboratories, seven furnished class rooms, spacious

library, multipurpose hall of nearly two hundred people seating capacity, Principal office, administrative office, IQAC room, sports room, NSS room, Student Counselling and Career Guidance cell, 'Vidhyarthi Vastu Bhandar', girls common room, store rooms, and separate lavatories for the students.

The college also has botanical garden with different medicinal plants, play ground for different games, parking area, refreshment centre, safe drinking water, ramp and open dais for conducting different programmes. College campus has coverage of Wi-Fi connection.

The main library of the college contains 1716 books (1035 Titles) which comprise text books, reference books, competitive examination books and other books like literature, novels, etc. Library is computerised using Library Management Software (LMS). Research journals are subscribed for most of the subjects. E-books facility is also available in the library. Library provides 'Book Bank' facility to the students.

The parent management has spent Rs.73, 64,561 in infrastructural and learning resources development in the last four years for providing good education.

#### **CRITERION – V: STUDENT SUPPORT AND PROGRESSION**

The institution is committed to provide clean and transparent governance and formulate policies that supports in student progression. The college publishes its prospectus annually. Approximately 65 % students receive GOI scholarships and other concessions from the state and central government. College provides TA and DA to the students for the participation in various outstation academic and extracurricular activities. Career Guidance and Placement Cell in collaboration with the 'Dhyeya Study Group' conducts classes for the various competitive examinations and arranges career guidance lectures of the eminent personalities of the related field for the students. The college staff runs a welfare scheme, "Dr.A.P.J.Abdul Kalam Adoption Scheme" in the benefit of economically poor students. Every year at the beginning of academic session entry level students are made aware of the schedule functioning and disciplinary part of the college through 'Principal Address' programme. Student Mentor Scheme of the college helps to solve the students' grievances also provides them homely environment in the college campus. Grievance Redrassal Committee and now Internal Complaint Committee (ICC) works especially for women if there happens to be any kind of sexual harassment. The student success rate as well as the completion rate of the institution is up to the satisfaction. Students' progression rate in higher education from UG to PG is around 6.7%. The college has an NSS unit of 50 students which conducts various socio-centric activities throughout the year and in one week of residential camp at the adopted village. College annually publishes college of Magazine 'Sankalp' and initiative has been taken towards the publication of newsletter.



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

College is committed to cater the needs of society which reflects from the vision and mission. Taking in to an account the social, economical and educational background of the society, college management formulate the policies in uplifting the standard of students and the community. The parent management entrusts leadership to the principal for smooth functioning of the institute and imparting the quality education. Management takes review and suggestions from all stakeholders for the betterment of the institute.

LMC act as backbone in providing infrastructural facilities and administrating and monitoring academic growth. For decentralization of the work, different committees are constituted whose respective coordinators discharge duties as per the guidelines provided by the IQAC. All heads of the respective department have given free hands to run their departments in order to prove academic excellence. IQAC manages the planning and execution of academic calendar of the college excellently improving academic standard of the institute day by day.

Budgetary provisions are made time to time to cope with new requirements. College management is well acquainted with the future necessities of the college like health center, hostel facility, research center, etc. Enough opportunities are made available to the students by boosting their confidence in all respect for their participation in the multifarious activities taking place inside and outside of the college.

## **CRITERION –VII: INNOVATIONS AND BEST PRACTICES**

Conservation of the environment has become a matter of great concern. To attract the minds of young generation towards this issue we planned to go slowly but effectively in this direction. We have adopted to Harvest Rain Water, tree plantation, energy saving, use of biomass, recycle non disposable plastic like polymeric material, use of natural colours, etc. We insist public to go ecofriendly through students' rallies, Cleanliness drives, lectures, poster presentations, etc. These mind blowing actions may slowly take the society back to nature.

## **SWOC Analysis of the Institution**

### **Strengths:**

- Learned and supportive Management
- Excellent infrastructural facilities
- 90% permanent staff

### **Weaknesses:**

- Academically average students seek admission
- Most of the students are from nearby villages and having no adequate transportation means.
- Lack of research facilities.
- Presently unable to provide job opportunities to the students.
- No funding source for development other than management.

### **Opportunities:**

- To develop scientific approach and outcomes amongst the people in the society.
- To inculcate moral and ethical values in the students in order to make responsible citizens.
- To produce meritorious students and awardees.
- To undertake research projects.

### **Challenges:**

- Getting bright students at the entry level.
- To develop interest in Science and Technology among the students.
- Transforming subject language among the students.

### **Future plan:**

- To start new UG programme in Arts and Commerce faculties.
- To start job oriented certificate courses.
- To create MOUs, collaboration and consultancy.
- To establish recognised research centre.
- To start study centre of YCMOU/IGNOU.
- To start skill development certificate courses.
- To start NCC unit.
- To expand infrastructural facilities.

**B. Profile of the Affiliated /Constituent College****1. Name and address of the college:**

Name	:-	<b>Rajarshee Shahu Science College</b>
Address	:-	Virul Road, Chandur Railway
City	:-	Chandur Railway Dist. Amravati Pin: 444904
State	:-	Maharashtra
Website	:-	<a href="http://www.rssc.edu.in">www.rssc.edu.in</a>

**2. For communication:**

Designation	Name	Telephone with STD code	Mobile	Fax	Email
Principal	Dr.S.S. Thakare	O:07222254111 R:07212666391	9422844149		rsscprincipal@gmail.com
Vice Principal	---	O: --- R:	---		---
Steering Committee Co-ordinator	Dr.G.B. Santape	O:7222254111 R:	9850052692		rssciquac@gmail.com

**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

☐

iii. Evening

☐

5. Is it a recognized minority institution?

Yes

No

☐
☒

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

6. Source of funding:

Government

Grant-in-aid

Self-financing

Any other

☐
☒
☐
☐

7. a. Date of establishment of the college: **13<sup>th</sup> June 2008**

b. University to which the college is affiliated /or which governs the college (If it is a constituent college)

**Sant Gadge Baba Amravati University, Amravati**

c. Details of UGC recognition:

Under Section	Date, Month & Year (dd-mm-yyyy)	Remarks (If any)
i. 2 (f)	05/03/2013	Granted
ii. 12 (B)	Nil	Applied to UGC

(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.)

Under Section/clause	Recognition/Approval details Institution/ Department/ Programme	Day, Month and Year (dd-mm-yyyy)	Validity	Remarks
i	-	-	-	-
ii	-	-	-	-
iii	-	-	-	-
iv	-	-	-	-

(Enclose the recognition/approval letter)

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	Rural
Campus area in sq. mts.	7018 Sq. m
* Built up area in sq. mts.	2233.75 Sq.m

(\* 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
- Sports facilities
  - \* Play ground ☒
  - \* Swimming pool ☐
  - \* Gymnasium ☐

- Hostel
  - \* Boys' Hostel
 

Yes
No
  - i. Number of hostels
  - ii. Number of inmates
  - iii. Facilities (mention available facilities)
    - \* Girls' Hostel
 

Yes
No
    - i. Number of hostels
    - ii. Number of inmates
    - iii. Facilities (mention available facilities)
- Working women's hostel
 

Yes
No

  - i. Number of inmates
  - ii. Facilities (mention available facilities)
- Residential facilities for teaching and non-teaching staff (give numbers available -- cadre wise)
- Cafeteria
 

Yes
No
- Health centre –
- First aid, Inpatient, Outpatient, Emergency care facility, Ambulance...
- Health centre staff –
- Qualified doctor
 

Full time
Part-time
- Qualified Nurse
 

Full time
Part-time
- Facilities like banking, post office, book shops
 

- Transport facilities to cater to the needs of students and staff
 

- Animal house
 

- Biological waste disposal -
 

- Generator or other facility for management/regulation of electricity and voltage -
 

- Solid waste management facility -
 

- Waste water management -
 


- Water harvesting - Yes

12. Details of programmes offered by the College (Give data for current academic year) 2015-2016

Sr. No.	Program- me Level	Name of the Progra mme/ Course	Dura ti-on	Entry Qualifica- tion	Mediu- m of Instru- ction	Sanctio- ned /approv- ed Student strength	No. of Stude n-ts Admi t-ed
1	Under- Graduate	B.Sc.	3 Years	H.S.S.C. passed	English	360	320
2	Post- Graduate	-	-	-	-	-	-
3	Integrated Programm es P G	-	-	-	-	-	-
4	Ph.D.	--	-	-	-	-	-
5	M. Phil.	-	-	-	-	-	-
6	Ph. D.	-	-	-	-	-	-
7	Certificate courses	-	-	-	-	-	-
8	UG Diploma	-	-	-	-	-	-
9	PG Diploma	-	-	-	-	-	-
10	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	-
-----	--	----	---	--------	---

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.)

Particulars	UG	PG	Research
Science	✓	-	-
Arts	-	-	-
Commerce	-	-	-
Any other not covered above	-	-	-

16. Number of Programmes offered under (Programme means a degree course like B.A., B.Sc., M.A., M.Com.)

- |                     |                                     |
|---------------------|-------------------------------------|
| a. annual system    | <input type="checkbox"/>            |
| b. semester system  | <input checked="" type="checkbox"/> |
| c. trimester system | <input type="checkbox"/>            |

17. Number of Programmes with

- |                                            |                          |
|--------------------------------------------|--------------------------|
| a. Choice Based Credit System              | <input type="checkbox"/> |
| b. Inter/Multidisciplinary Approach        | <input type="checkbox"/> |
| c. Any other (specify and provide details) | <input type="checkbox"/> |

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
- NCTE recognition details (if applicable)  
Notification No.: ..... Date: ..... (dd/mm/yyyy)  
Validity: .....
- 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
- b. NCTE recognition details (if applicable)  
Notification No.: ..... Date: ..... (dd/mm/yyyy)  
Validity:.....
- c. Is the institution opting for assessment and accreditation of Physical Education Programme separately?

Yes

☐

No

☒

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

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		*M	*F	*M	*F
Sanctioned by the UGC / University / State Government Recruited	**1				8	1	07	1	05	0
Yet to recruit					03					
Sanctioned by the Management/society or other authorized bodies recruited										
Yet to recruit										

\*\* Principal

\*M-Male \*F-Female

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	-	-	-	-	4	1	5
M.Phil.	-	-	-	-	1	0	1
PG	-	-	-	-	3	0	3
Temporary teachers	-	-	-	-	-	-	-
Ph.D.	-	-	-	-	-	-	-

M.Phil	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-
Part time teachers	-	-	-	-	-	-	-
Ph.D.	-	-	-	-	-	-	-
M.Phil	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-

22. Number of Visiting Faculty /Guest Faculty engaged with the College:  
Nil

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

Category	2012-2013		2013-2014		2014-2015		2015-2016	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	20	13	18	23	33	27	27	36
ST	03	00	04	03	03	05	01	07
OBC	27	32	32	54	62	83	66	111
General	06	04	10	09	19	15	13	22
Others	07	09	06	21	11	21	12	25

24. Details on student's enrollment in the college during the current academic year: (2015-2016)

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state	319	-	-	-	-
Students from other states of India	01	-	-	-	-
NRI students	Nil	Nil	Nil	Nil	Nil
Foreign students	Nil	Nil	Nil	Nil	Nil
Total	320	-	-	-	-

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

UG	7.21%
PG	NA

26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled 2014-2015)

(a) including the salary component	41159/-
(b) excluding the salary component	4610/-

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

Yes ☐  
No ☒

If yes,

- a. Is it a registered centre for offering distance education programmes of another University

Yes ☐  
No ☒

- b. Name of the University which has granted such registration.  
c. Number of programmes offered  
d. Programmes carry the recognition of the Distance Education Council.

Yes ☐  
No ☒

28. Provide Teacher-student ratio for each of the programme/course offered

Science - **1:46**

29. Is the college applying for Accreditation:

Cycle 1 ☒ Cycle 2 ☐ Cycle 3 ☐ Cycle 4 ☐

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: .....(dd/mm/yyyy) Accreditation Outcome/Result.....

Cycle 2: .....(dd/mm/yyyy) Accreditation Outcome/Result.....

Cycle 3: ..... (dd/mm/yyyy) 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 (2014-15)

**240 Days**

32. Number of teaching days during the last academic year (2014-15)

**180 Days**

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

33. Date of establishment of Internal Quality Assurance Cell (IQAC)  
IQAC - **20/09/2015**
34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC.  
  
AQAR (i) ..... (dd/mm/yyyy)  
AQAR (ii) ..... (dd/mm/yyyy)  
AQAR (iii) ..... (dd/mm/yyyy)  
AQAR (iv) ..... (dd/mm/yyyy)
35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory/descriptive information)

## 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 create brilliancy in science for comprehensive social development adaptable to global competency and to enhance and upgrade socially deprived and marginalized student with the tool of education which inculcates social, moral, ethical values among all strata of rural students.

###### **Mission:**

- To create scientific temperament among the students.
- To bring girls in the main stream of education.
- To provide education to the socially backward and rural students.
- To create cultural and cult of social service among the students.
- To make students responsible citizens.

###### **Objectives:**

- To develop inquisitiveness in the science education that create scientific attitude among the students.
- To cultivate spirit of national integration, patriotism, secularism among the students
- To creat healthy atmosphere for teaching and learning which make students competent, confident, creative and socialy, morally and ethically a good citizen

The vision and mission statements and objectives of the college are communicated through college website; prospectus and boards displayed in the college premises.

##### 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).

University is running semester pattern for the science faculty. Teaching plans are prepared at micro level for each semester is executed meticulously after getting it approved from IQAC. Execution

is minutely monitored by the principal. The course which remains uncovered as per planning covered in the extra lectures.

For example, if a particular unit of subject has given 12 lectures for its completion by the university, then planning of this unit is done at micro level taking into consideration how much time will be required to cover each and every points and sub points of that unit. This planning is then synchronized with the academic calendar of the college and its implementation assessed time to time by the IQAC. Record of regular lectures and extra lectures is maintained in the the teachers diary.

**1.1.3 What type of support (Procedural and Practical) do the teacher receives (from the university and or institution) for effectively translating the curriculum and improving teaching practices?**

Academic Staff College of the University conducts orientation and refresher courses for the teachers. In association with the Board of Studies and subject association, workshops are organized to discuss curriculum and draft syllabi. Curriculum finalized by the University is communicated to the affiliated colleges. Heads of the respective departments thoroughly study the changes in the syllabus and orient concern teachers and students.

**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.**

At the beginning of academic session, teachers are asked to prepare micro planning of the curriculum prescribed by the university. This planning is required to get approved from the IQAC. Principal monitors the execution of this planning during all the semesters. Attempts are made to make available as far as possible concerning books in the college library. Students are made aware of the curriculum and teaching plans at the beginning.

**1.1.5 How does the institution network and interact with beneficiaries such as industries, research bodies and the university in effective operationalisation of the curriculum.**

Although there is little relevance of curriculum to industries, industrial visits of the students are arranged to provide exposure about its functioning. Visits to research laboratory provided instrumental knowledge to our students. During visit to these places, teachers and students discuss curriculum with them and suggestive measures from them are taken into consideration to fulfil their demands.

**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's feedback, teacher feedback, stakeholders feedback provided, specific suggestion etc?)**

No faculty of the institution is a member on the Board of Studies but the feedback on curriculum is collected from stake holders, students and alumni.

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

Institution does not run any course other than those under the purview of affiliating University.

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

The knowledge of prescribed syllabus of the respective subjects is transferred to the student by different teaching and learning methods. The degree of achievement of curriculum objectives is analyzed by:

- Regular use of class room methods like class test, unit tests, open book test, common tests, group discussion, poster presentation, assignments etc.
- Remedial coaching classes for slow learners.
- Conduction of curriculum based study tours, projects, seminars.
- Micro level analysis of college examination results and analysis of semester wise university examination results.
- Internal academic audit at the institute level.
- Feedback, from all stakeholders, helps in evaluating the implementation of the course and improves the curriculum delivery.
- Corrective measures, for better results, are suggested in the college council meeting.

**1.2 Academic Flexibility**

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

Institution presently is not running any certificate / diploma / skill development course. Institution is running UG science programme to

develop science culture among the students of rural areas and to propagate the message of clean India among the masses.

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

There is no such provision in the University to offer twinning or dual degree programmes.

**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 the employability.**

Institution is running three years duration B.Sc. degree course. Intake capacity of students at entry level is 120 as per the university norms. The college provides academic flexibility by offering optional subjects of four different combinations of three subjects as given below. Students are free to select any one combination as per their choice.

- 1) Physics, Chemistry, Mathematics (PCM)
- 2) Chemistry, Botany, Zoology (CBZ)
- 3) Computer Science, Mathematics, Physics (CMP)
- 4) Electronics, Mathematics, Physics (EMP)

Vertical mobility can be availed in the form of ATKT scheme of University.

The students may pursue higher education after completion of the course. As such there are fewer opportunities in getting job after completion of this course but the subjects are grouped such that the students may develop some employment skill.

**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.**

The institution does not offer any self financed programme. However, two of the seven optional subjects, namely, Computer Science and Electronics are self financed. Students seeking admission to these subjects have to pay some additional fees decided by the college management which is mentioned in the prospectus. Teachers with requisite qualification are appointed on fix-pay and on clock hour basis. The curriculum for these subjects is also framed by the University.

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



The college has Career Guidance and Placement Cell which in collaboration with the 'Dhyeya Study Group' conducts competitive examinations classes in the college for the students.

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

There is no provision for flexibility of combining the conventional face to face and Distance Mode of Education for students at the University to which institution is affiliated. However institution has decided to run some courses of Yashwantarao Chavan Maharashtra Open University in near future.

**1.3 Curriculum Enrichment**

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

In order to execute academic programmes in more efficient manner, institution has well qualified teachers, independent and well equipped laboratories, library and lecture rooms. To supplement University curriculum and to integrate goal and objectives, the institution undertakes various activities focusing academic and overall development of the students. Some of the activities are as listed below.

- Guest lectures
- Industrial visits
- Field surveys
- Botanical excursions
- Poster presentations by its students
- Participation of students in intra and intercollegiate events
- Subject wise associations of the students
- Nature and Science Club, Eco Club
- State level workshop for the students
- Celebration of birth and death anniversaries of great personalities of India
- Celebration of Scientific/Social days to spread out social and scientific awareness among the students.
- Motivates them to improve their presentation and communication skills by conducting seminars and group discussion.
- Organization of plantation programme, campaign for cleanliness.
- College has working units for waste management and rain water harvesting.

**1.3.2 What are the efforts made by the institution to modify, enrich and organize the curriculum to explicitly reflect the experiences of the students and cater to needs of the dynamic employment market?**

- College enriches the curricular activity by addition of field visit and field work
- Provide training in communication and soft skill
- In the backdrop of structural limitations which prevent college from modifying, enriching and organizing the curriculum to suit the employment market, the college in a limited way, has tried to achieve this linkage with it through career counseling. Students are encouraged to and provided platforms to make presentations about their learning experiences in day to day life related to the part of the curriculum being discussed in the class.

**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.**

College conducted following different programmes to integrate the cross cutting issues like-

**Gender Sensitization:**

- Poster presentation and debate on 'Gender Equality' conducted in academic session 2012-2013.
- 'Jagar Janivancha' Abhiyan Conducted in academic session 2012-2013.
- Women Grievance and Redressal Cell and Internal Complaint Committee (ICC); for solving problems of women employees and girls students.

**Climate Change and Environmental Education:**

- Eco Club organized environmental awareness rally.
- Nature and Science Club organized (i) lecture on 'Snakes Diversity' (ii) Identification of venomous and non venomous snakes (iii) Climate change and Global warming
- Poster competition is organized on the theme of Global warming and Environmental pollution on the occasion of National Science Day.
- 'Wild Life Week' celebration and installation of 'Earthen Pots' for birds by Zoology Department
- Training programme conducted for the preparation of 'Herbal Colours' by Department of Chemistry

- Construction of 'Rain Water Harvesting' unit and 'Vermi compost' plant.
- Tree Plantation and its Green Patrolling
- 'Environmental Studies' is the compulsory subject for B.Sc. Part-II students prescribed by the university.

#### **Human Rights:**

- Anti-Ragging Cell to safeguard the newly incoming students
- Organization of 'Sanvidhan Diwas' on every 26<sup>th</sup> November

#### **ICT: Availability of**

- Computer Systems
- LCD Projectors
- Broad Band Internet Connectivity facilities.

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

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

- Organization and celebration of birth anniversaries of great social reformers
- Students' orientation on moral values
- Principal Address
- Student interaction with eminent personality
- Blood Donation campaign

#### **Employable and life skill**

- Students are informed with the various soft skills and the prospects of the employability are communicate through the career and counseling cell

#### **Better career options**

- Organization of guest lectures and workshops
- Orientation for competitive examinations

#### **Community orientation**

- Community orientation through special residential camp of N.S.S. in adopted village
- Orientation about hazardous effects of synthetic colours during festivals and importance of herbal /eco friendly colours
- Cleanliness drive and Aids awareness programme
- Organization of 'Samuhik Vivah sohala'
- Organization of camps for registration of Vehicle Driving License and Adhar Card

- Organization of Eye Checking, Sickle Cell Anemia, Sugar Testing camps
- Organization of online registration camp for unemployed candidates from schedule caste category for government's skill development courses.
- Plastic free campaign

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

The institution keeps a live contact with all its stakeholders' managements, parents, alumni, students and teachers. College managements arrange meetings with staff members and discuss the relevant issue and also give their suggestions on discipline, awareness, teaching method, monitoring etc. The institution tries to inculcate social, moral and national values by arranging various co- curricular and extracurricular activities. The college has parents and alumni association. They meet at least once in a academic session for their valuable suggestion.

#### **For example:**

- Annual pattern has been changed to semester pattern
- The college is obtaining feedback from outgoing students regularly.
- The college has suggestion/ complaint box.
- There is separate committee for getting feedback from students and stakeholders.
- The college has formed alumni association. The association meeting is organized annually.
- Few suggestions given by the alumni for enriching the curriculum are :
- Computer literacy program for non- teaching staff.
- To start UPSC and MPSC coaching classes in the campus.

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

The institution monitors and evaluates the quality of its enrichment programmes through working of IQAC and various committees framed by the college.

## **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?**

Owing to the short teaching experience, no faculty member finds position on the 'Board of Studies' and hence nobody directly contributed in the design and development of the curriculum prepared by the University. However faculty members send suggestion to the Board of Studies of concern subject for curriculum restructuring.

**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?**

Yes, there is a formal mechanism to obtain feedback from students. The feedback collected from the students are analysed by the Principal and the feedback committee.

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

During last four years, no new programme/course has been introduced by the institution.

## 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?

The college ensures publicity in the admission process through following means-

- (a) **College Prospectus:** The College publishes prospectus every year and made available to the students at a very low price. Prospectus contains detail information regarding admission process, entire academic, fee structure, administrative part, etc.
- (b) **Distribution of Pamphlets:** Wide publicity is given to the admission by distribution of pamphlets along with the news papers, at the junior colleges at the time of declaration of final examination results.
- (c) **College Website:** College have launched its website recently. Students have applied for the admission online in current academic session.

In addition to these, our teachers personally visit different places to counsel parents and their wards to join our college.

Admission committee duly constituted conducts the procedure of admission. At the beginning, spot admissions (first come first serve basis) are made available to those who secured 50 percent and above marks at the H.S.S.C. examination. Cut off is still lowered if and only if number of incoming students is less than the seats available. In this way transparency in admission is also maintained.

##### 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 programmes of the institution.

Admission committee is constituted for channelizing admission procedure. The committee guide and counsel students in proper selection of subjects group whoever seeks help during admission. The college follow spot admission process and preference is given to the students securing aggregate 50% or more marks at HSSC level. If the seats remain vacant, students securing still lesser percentage are considered as per intake capacity laid down by 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 the affiliating university within the city/district.**

Comparison of the minimum and maximum percentage of marks for admission at entry level with other colleges of the affiliating university within the city/district in academic year (2015-16).

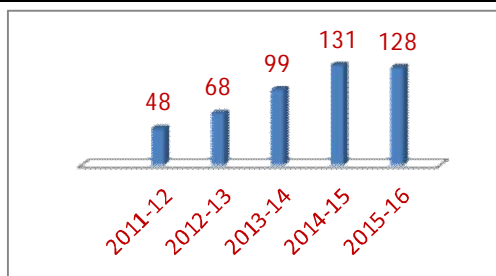
Name of the college.	Max. Marks in %	Min. Marks in %
Rajarshee Shahu Science College, Chandur Railway	85.23	42.92
Late Madangopal Mundhada Arts, Commerce and Ashok Science College, Chandur Railway	69.85	37.00
Vinayak Vidnayan Mahavidhyalaya, Nandgaon Khandeshwar.	76.77	39.37

**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?**

The review of admission process and student profile is conducted in the meeting of College Council and Local Management Committee at the end of session. Initially there was challenge to get satisfactory number of students to run the College. Later on considering the increasing interest of students towards education in basic sciences especially from the year 2014-2015, College laid the criterion of minimum 45 % marks for admission. After taking review of admission of the previous year, cut off was rescheduled to 50% for the session 2015-16 and same was continued for the session 2016-17 too.

**Number of students admitted in first year of the course.**

Course	2011 -12	2012-13	2013-14	2014-15	2015-16
B.Sc.	48	68	99	131	128



## Outcome

To some extent better and regular students are enrolled in the College.

### 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 SC/ST/OBC/ Women / Differently abled / Economically weaker sections/ Minority community / Any other

Mission of our institute is to provide quality education to all classes of society including the socially backwards and to bring the girls into main stream of education. We are dedicated to national commitment and social justice to fulfil the inclusion of student's diversity from socially deprived. Relaxation is given in cut of percentage of marks to SC, ST, OBC, women, differently-abled, economically weaker; minority against their reserved seats. For achieving the goals and objectives of the college, access is assured to these marginalized groups through organized efforts.

#### Diversity of students:

Category	2011 -12		2012-13		2013-14		2014-15		2015-16	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	14	10	20	13	18	23	33	27	27	36
ST	06	00	03	00	04	03	03	05	01	07
OBC	39	28	27	32	32	54	62	83	66	111
(VJ/NT)	09	01	06	08	06	15	10	14	10	15
OPEN	11	06	06	04	10	09	19	15	13	22
SBC	03	03	01	01	00	06	01	07	02	10
TOTAL	82	48	63	58	70	110	128	151	119	201

Above data of last five years clearly reflects the commitment of institution to diversity and inclusion of SC, ST, OBC, women, differently-abled, economically weaker, minority and other categories.

### 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.

Admission details of different programmes are shown in the table from academic year 2012-13 to 2015-16.



UG		2012-13	2013-14	2014-15	2015-16
B.Sc.	No. of applications	68	99	131	128
	No. of students Admitted	68	99	120 + 11*	120 + 8*
	Demand ratio	1:1	1:1	1:1	1:1

- \* Permissions for additional seats have been obtained from the university. However, the additional seats have been granted on unaided basis.
- \* University made compulsion of admitting 10% more students over the intake capacity without any financial assistance from the government. Reason for above trends is due to increasing student's interest towards basic sciences.

## **2.2 Catering to Diverse Needs of Student**

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

Appropriate measures are taken by the institution for differently abled students based on their needs and demands. From last five years, the differently abled students admitted in the college were less in number. The institution adheres to the government policies and caters to the needs of the differently abled students by

- Scholarship.
- Concession in fees is provided to poor, needy and differently-abled students.
- One hour extra time is given in the college and university examination.

The differently abled students are treated in a very special manner by giving additional attention and care in the class rooms, laboratories, library, office etc. Classmates are asked to extend help as and when they need during the class time so as to bridge the gap between the normal and the differently abled students.

### **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.**

Institution tries to gather the information from the students through counseling at the time of admission regarding their needs in terms of knowledge and skill. It helps to assess the student's competency and learning ability.

After assessment, teachers put efforts in building confidence of academically weak students by paying individual attention during first

few lectures. This helps a little bit to bridge the gaps between slow learners and advance learners. Provision of remedial classes is made available for the average students.

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

Newly admitted students are tested on the basis of their previous knowledge through ELT (Entry Level Test) conducted after admission process is over which helps to identify slow and advance learners. Precaution is taken to remove the gap between them. Slow learners are provided special attention at departmental level. Stress is given on the popularization of the subject by the teachers at the beginning of the programme. This helps in boosting the interest of our students in the subject.

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

Following activities of the college run by different committees / cells/ clubs helps to sensitize staff and students on the different issues like gender, inclusion, environment etc.

**Eco Club**

- The environment awareness rally
- Cleanliness drive
- Tree plantation and its patrolling
- Rain Water Harvesting Project

**Women Cell**

- Jagar Janivancha to promote the protection of “Female Foeticide”.
- Beti Bachav Rally.
- Celebration of International Women Day.
- Health Awareness Campaign for girls and women staff members.

**N.S.S.**

- Construction of Check Dam at the adopted village Shirajgaon Korade and Songaon.
- Blood Donation Camps
- Eye Checking Camps
- Tree Plantation
- Public Awareness
- Workshop on disaster management

**Departmental Activity:**

- |                                   |             |
|-----------------------------------|-------------|
| • Vermicompost Plant              | (Botany)    |
| • Workshop on Herbal Colours      | (Chemistry) |
| • State level Workshop on Spiders | (Zoology)   |

- Earthen Pots for Birds (Zoology)
- Sickle Cell Anemia Testing Camp. (Zoology)
- Wild Life Week Celebration (Zoology)
- Dr. A.P.J. Abdul Kalam Student Adoption Scheme
- Samuhik Vivah Sohala
- Cultural, Health Programs for Masses
- Theme based District Level Essay Competition on ‘Contribution of Social reformers in the development of India’ for example Pandit Javaharlal Nehru and Dr.Babasaheb Ambedkar

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

Identification of advanced learners is done through -

- a. Entry Level Test
  - b. Previous academic profile , Student –teacher interactions
  - c. Examination performance
  - d. Participation in various activities
- Institutional response to the needs of advanced learner is done through -
- a. Inclusion in various committees/activities
  - b. Peer Teaching
  - c. Cultivation of research attitude
  - d. Prizes /awards by teachers

#### **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 drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.)?**

College conducts evaluation of students’ academic performance through class test/common test/MCQ/open book test, student-teacher interactions, etc. Results of these tests are given to the respective guardian teachers for further action in their groups. Common reason for drop out of the students may be due to failure in grasping of science course, change of course (mostly professional like ITI courses).

Drop out rate of weaker section is minimum because of government’s concessions in fees, Dr. A. P. J. Abdul Kalam Student Adoption Scheme of the college, instalment facility for fees for full fee payers.

Slow learners are identified through the tutorial system. Repeated tests are conducted to make them interested in the respective subjects. Remedial classes are conducted for socially, educationally and economically backward students. Under the sponsorship of State and Central Governments Reservation is strictly followed to provide

admission to the differently abled students. The differently-abled (people with disability) students are given special attention by providing them learning aids with the help of NGOs and the students are encouraged to participate in various orientation programs conducted by professional organization

## **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.)**

The college plans and organizes the teaching-learning and evaluation schedule as mentioned below:

#### **Academic Calendar**

Academic Calendar of the College for the next session is prepared in advance by IQAC by taking in to account vacations, holidays, examination schedule of the University, etc. This calendar is further discussed and approved in the college council meeting every year. It is published in the college prospectus and web -site for the stakeholders.

#### **Teaching Plan**

Teaching Plan at micro level is prepared by individual teachers and he/she gets it approved from IQAC. This plan is then highlighted in class to the students for their knowledge at the beginning of every semester. Execution of teaching plan is monitored by IQAC regularly. The daily academic record is maintained in teacher's diary which is periodically assessed by the Principal.

#### **Evaluation Blue Print**

In Principal's address, convenor of examination committee gives preliminary information regarding various examinations like unit tests, common tests, internal assignments and scheme of their evaluation that will be conducted by the College. Examination committee works out the planning and execution of all the college internal examinations. Evaluation of these examinations is carried out by individual teachers and record is maintained in the departments. Students are given chance to go through this record. Grievances regarding evaluation are redressed by the respective teachers. Students are advised time to time to perform well in such examinations.

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

IQAC is playing pivotal role for proper implementation of teaching-learning process of the college.

College IQAC contributes in following way:

- Preparation of Academic Calendar.

- Finalization and execution of teaching plan at micro level of individual teachers.
- Encourages teachers for using innovative methods of teaching learning to make it more and more interesting.
- Promotes the teachers for use of ICT tools, charts, models, field work, etc.
- Strengthens student-teacher interactions within and outside the class rooms.
- Motivates the teachers for personal counselling of students.
- Recommends individual departments to organize popular lectures.
- Suggests teachers for interactive class-room teaching.
- Asks the teacher to adopt simple and effective methods of demonstration in laboratories.
- Regular review of teaching learning and evaluation process.
- Enriching library as per curricula.
- Conducts internal academic audit.
- Collection and analysis of students' feedback.
- Inculcating the research culture, and inspiring teachers to participate in orientation/refresher courses, workshops, seminars, symposia, conferences, etc.

### **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?**

To make learning more students centric, following strategies are adopted –

- Need based individual counseling after class.
- Challenging questions to enhance students' creativity.
- Participatory learning through group discussion, extension activities, etc.
- Collaborative learning through organization of study tours, students training, etc.
- Regular use of library resources for self or independent learning.
- Book Bank facility for needy students.
- Dr. A.P.J. Abdul Kalam Students Adoption Scheme.

#### **Support structures and systems available in the college:**

- Computer systems with broad band internet facility.
- Teaching tools such as LCD projector, models, simulation etc.
- Well furnished class rooms and well-equipped laboratories,
- Botanical garden with local medicinal plants.

- Adequate facility of books in library.
- Leave facility for teachers to participate in knowledge enrichment programme.

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

To nurture the critical thinking, creativity and scientific temper among students- In addition to course teaching, we motivate keen students to participate collegiate and intercollegiate academic activities like Science awareness campaign, Avishkar (Research Festival), seminars, workshops, group discussions, debates, quiz contests, poster presentations, etc. and extracurricular activities like dramas, mime, skits, and various cultural activities that are performed during Youth Festival of University and Madhugandh of College.

**2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? Eg: 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.**

- i. e-learning - resources from National Programme on Technology Enhanced Learning (NPTEL)
- ii. Provision of e-Books.
- iii. Provision of LCD projector for power point presentation.
- iv. Free internet facility.

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

The students and faculty are exposed to advanced level of knowledge and skills through following activities:

- Students participate in the State level workshops, seminar competition, poster competition, training program, research festival Avishkar where they get the exposure to the advanced knowledge.
- Industrial visits of students provide knowledge of actual manufacturing processes, which is new trend of blended learning pattern.
- The College organizes expert guest lectures, different creative science based activities on the occasion of National Science Day.

- The faculties present their research papers in various conferences and also published their research work in various journals, participate in the programmes like short term, orientation, refresher, etc. courses.

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

Teachers play role as mentor and provide guidance to the students regarding academic and personal matters.

- **Student Counselling and Career Guidance Cell** provides academic and career guidance to the students by organizing seminars, guest lectures and conducts competitive examination coaching classes (25 students admitted).
- **Women Cell** provides personal and psycho- social counselling to the girls.
- **Student Mentor Scheme** provides academic advice and personal counseling in group of approximate 30 students per faculty from academic session 2015-16.
- **Sports Club, Reading Club** conducts the favorable atmosphere to inculcate the required ingredients among the students

**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?**

The following innovative teaching approaches/methods are adopted by the faculty during last four years:

- Interactive teaching - learning method
- Use of audio - visual teaching aids.
- Demonstration and Simulation.
- Project works, group discussions and seminars on recent trends in subjects and curriculum based are assigned to students.
- Departmental association organized various activities like poster presentation, debates, models, guest lectures etc.
- The institution has organized industrial visit, field visits, study tours and workshop.
- The faculty members prepare question bank for the students.
- The Open Book Test and Multiple Choice Question (MCQ) test are conducted by college.

**Impact on students learning:**

- These steps help in enhancing the self learning abilities and knowledge level of the students.
- As an outcome, around 15% students participated in various intercollegiate seminar, quiz competitions, poster competitions, Bio genius, debates, “AVISHKAR” (Research convention) etc.
- A student from Computer Science Department bagged third prize in University level intercollegiate seminar competition.
- A student Ku. Bhavana Ingale from Electronics department bagged first prize for the last two years in Taluka Level Swachata Mitra Elocution Competition organized by State Government of Maharashtra funded by Zilla Parishad Amravati.

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

- The automated library caters to the needs of teachers and students by providing easy access of facilities.
- Addition of new titles related to curriculum every year.
- Library remains open from 8.00 a.m. to 5.30 p.m. from Monday to Friday and from 7.30 a.m. to 1.30 p.m. on Saturday which facilitates its optimum use.
- Making available CDs/DVDs, downloaded e-books to the teachers and students.

**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.**

No

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

- By collecting reviews and feedback from students.
- Analysing the feedback and communicating the shortcomings to the teachers for their improvement.
- Analysis of university examination results and taking appropriate steps in order to acquire effective teaching learning skill.



## 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.**

Highest Qulification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	-	-	-	-	05	01	06
NET/SET	-	-	-	-	04	-	04
M.Phil.	-	-	-	-	01	-	01
PG	-	-	-	-	-	-	-
Temporary teachers (Session 2015-16)							
Ph.D.	-	-	-	-	-	01	01
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	08	10	18
Part-time teachers							
Ph.D.	-	-	-	-	-	-	-
M.Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	-	-

### **Recruitment and retention strategies**

- The recruitment of regular faculty (Assistant Professor) is done by the management as per the guidelines of UGC and State Government through open advertisement. Services of the teachers are confirmed by the management after successful completion of probation.
- Temporary teachers on clock hour basis fulfilling eligibility criteria are appointed per academic session by the College authority.

**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.**

Biotechnology, IT, Bioinformatics these courses are not available in our college. Guest lecture by faculty is arranged in relevant

field, College encourages staff to participate in conference and seminar on emerging areas. As an outcome, many of our teachers have participated in seminars at state level and national on the theme of modern areas.

**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>Academic Staff Development Programmes</b>	<b>Number of faculty Nominated</b>
Orientation programmes	08
Refresher courses	05
Workshops(one week)	01

<b>Name of Faculty</b>	<b>Department</b>	<b>Orientation/ Refresher Course /workshop</b>	<b>Date/Month /Year</b>
Dr.A.P.Pachkawde	Physics	Orientation	29/4/2013 to 20/5/2013 and 26/12/2013to 31/12/2013
		Refresher	27/10/2014 to 15/11/2014
Dr.M.J.Keche	Botany	Orientation	29/4/2013 to 20/5/2013
		Refresher	09/3/2012 to 30/3/2012
Dr.A.D.Bansod	Chemistry	Orientation	10/2/2014 to 08/3/2014
		Refresher	20/11/2012 to 11/12/2012
Dr.M.P.Chikhale	Zoology	Orientation	05/12/2013 to 01/1/2014
		Refresher	09/3/2012 to 30/3/2012
Dr.G.B.Santape	Zoology	Orientation	29/4/2013 to 20/5/2013
		Refresher	27/10/2014 to 15/11/2014
Mr.S.S.Padhen	Chemistry	Orientation	27/10/2014 to 22/11/2014
Mr.A.N.Khan	Physical Education	Orientation	18/11/2015 to 15/12/2015
Mr.M.P.Waghmare	Library	Orientation	18/11/2015 to

			15/12/2015
Mr.S.A.Wani	Physics	Workshop	27/04/2015 to 02/05/2015

- b) **Faculty training programmes are organized by the institution to encourage creativity and innovation in teaching and to empower and enable the teachers in the use of various tools and technologies for improved teaching-learning outcome such as teaching learning methods / approaches, handling new curricula, content / knowledge management, selection, development and use of enrichment materials, assessment, cross cutting issues, audiovisual aids / multimedia, Online e-Resources and teaching learning material development, selection and use.**

Institution deputed the faculty to attend workshops regarding discussion of change in syllabus organized at Subject Teachers Association level. The college has organized different programs/workshops and guest lectures to encourage students and the teachers to develop healthy teaching –learning atmosphere. The college has active NSS unit which every year conducts socio-centric programs for the teachers and the students to overcome and resolve cross - cutting issues. Teachers are facilitated with audio visual aids to deliver lectures and also students are encouraged to use of audio visual aids for presentation of seminars.

- c) **Percentage of faculty**

Sr. No.	Particular	Percentage
1	Invited as resource persons in Workshops /Seminars/Conferences	10
2	Participated in external Workshops /Seminars /Conferences	88
3	Presented papers in Workshops / Seminars / Conferences	58

- 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.)**

Teachers are supported by providing the duty leave for attending orientation, refresher programmes, conferences, symposium, workshops, and short term training courses. Teachers are also encouraged to publish their research work in the journals of repute.

- 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 college has instituted the Awards to motivate the staff.**

Name	Details
Dr. M.P Chikhale	Best N.S.S. Programme Officer Award
Mr. T.S. Nirmal	Best Employee Award

**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?**

Yes, the college has the practice of evaluation of teachers through Students Feedback Mechanism and internal academic audit conducted by the management. After evaluation, teachers are advised to adopt student centric teaching-learning method. Also at the end of session, PBAS of teachers are collected which reflect teachers quality.

**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 students and faculty members are made aware of the rules and regulations, syllabus and curriculum, evaluation processes through the annual prospectus, website, Principal's address and staff council meeting respectively.
- The information regarding evaluation process communicated by faculty members with the interaction and notification about the process is circulated in class room and displayed on notice board.
- The college examination committee prepares the programme of internal assessment. Schedules of the same are communicated to students through notice board and website.
- Faculties are made aware of the evaluation processes during meetings and by circulating notification of evaluation received from the University time to time.

**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 college has adopted the evaluation reforms of the university and is effectively implemented in the institution.

- The semester wise curriculum prescribed by university is adopted by institution i.e. internal assessment including unit

test, home assignment, project, study tour, industrial visit, group discussion and seminar presentation.

Also, the college has initiated its own evaluations methods

- Entry Level Test
- First and second terminal examination
- Open Book Test
- Multiple Choice Question (MCQ) Test
- Viva-voce
- Syllabus based - Diagram Sketching assignments

**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?**

College is following strictly all the university norms regarding the evaluation reforms under the guidance of IQAC for its effective implementation.

- The examination committee of the College takes care of the evaluation reforms.
- The IQAC monitors the implementation of the evaluation processes.
- Answer scripts of the students are evaluated and then made available to them for their satisfaction. Grievance regarding evaluation are solved at the spot.
- The marks of internal assessment are displayed before the commencement of university examination.
- There is provision of nodal officer in the College to impart services to the students related to the University examination tasks.

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

Formative evaluation approaches:

- Questioning during lectures
- Class tests
- Home assignments
- Project assignments
- Biological excursions and industrial visits.

Summative evaluation approaches

- College terminal examinations.
- Management of extension activity
- Participation in inter college activity.

**2.5.5 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the**

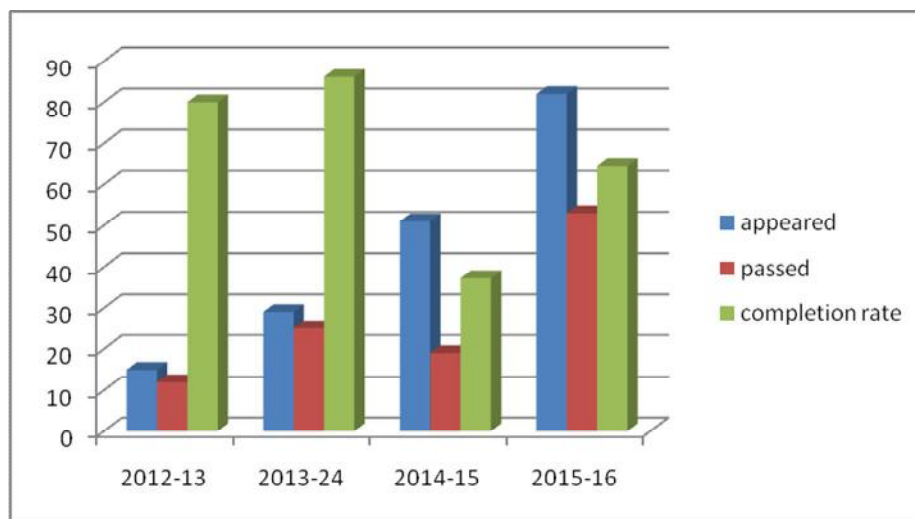
**course/programme? Provide an analysis of the students' results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.**

Institution monitors and communicates the progress and performance of students through college examination committee in the following manner.

- Respective departments and examination committee monitor and communicate the performance of students.
- Performance of the students in internal assessment is displayed.
- Subject wise results are discussed in the college council meeting.
- Remedies to improve the University examination results are discussed at the departmental level.
- The performance of the students is communicated through guardian-teachers.

The University results analysis of the last four years.

Course	Semester Pattern	2012-13 in %	2013-14 in %	2014-15 in %	2015-16 in %
B.Sc. III	Appeared	15	29	51	82
	Passed	12	25	19	53
	Completion rate	80.00	86.21	37.25	64.63



**2.5.6 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**

**(weightage for behavioral aspects, independent learning, communication skills etc.)**

As per University guidelines students of each semester are allotted with the internal assignments of each subject taught which comprises class tests, assignments, activity, projects, group discussions, seminars, excursion or visit to industry/research laboratory, etc. Students submit their assignments to the respective teachers. Teachers undertake the evaluation of these assignments and put internal marks based on their performance. List of internal marks displayed on the notice board for the knowledge of students. Grievance of internal marks, if arises is resolved by the teacher in the presence of concerning student. In this way transparency in conducting internal assessments of the students is maintained. Complete record of internal assessment of all the students is kept in the departments. These marks are submitted to University for further procedure. The process of internal assessments develops skill of independent learning and communication skills etc. in the students.

**2.5.7 Does the institution and individual teachers use assessment/evaluation 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. Assessment is used as an indicator for evaluating student performance.
- Those students who have leadership qualities and interest towards co-curricular activities are offered the position of office bearers for various 'Associations' and 'Clubs'. For example Nature and Science Club, Eco Club, N.S.S., Anti-ragging Committee, Women Grievance Cell, etc.
- Slow learners are supported by remedial classes and advance learners are encouraged for higher performance.  
On the basis of their performance, students are selected for participation in seminar, workshop, quiz etc, in other institutes.

**2.5.8 What are the mechanisms for redressal of grievances with reference to evaluation? Both at the college and University level.**

The mechanisms for redressal of grievances with reference to evaluation are as follows:

**Redressal at College level:**

Internal Assessment –

- Semester wise marks of internal assessment are displayed on notice board for student information.
- Grievance regarding internal marks is to be registered with the Principal.

- Principal directs the concern teacher to resolve the grievance.
  - As far as class and common test examination are concerned, grievances are redressed by the concern teacher.
- Redressal at University level:**
- The university has a mechanism for redressal as per the direction No.12/2010 Dated 06/05/2010.

## **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, the college have stated learning outcomes which are clearly mentioned in the vision and mission. To imbibe the skill, moral, ethical and social values among the students, the staff and students are made aware through different activities conducted throughout the year.

- Orientation of students through Principal Address.
- Interactive meetings of the staff and Principal.
- Monitoring of academic calendar by IQAC.
- Active involvement of students in NSS.

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

The teaching, learning and assessment strategies of the institution are monitored by LMC and IQAC to facilitate the achievement of the intended learning outcomes as given below:

- Prepares the academic calendar with teaching, learning and assessment plan.
- As per departmental SWOC analysis, each department prepares its own teaching plan.
- Teachers are encouraged to use ICT facilities in the teaching learning process.
- Library is used as primary information resource.
- Independent learning- preparation of scientific models, individual internal assignment, power point presentation for seminar.
- The student’s performance is continuously evaluated through unit test, common test examination and internal assignments.
- Collaborative learning- industrial visits, study tours, group discussions.

#### **Assessment Strategies**

- Formative assessment of feedback.
- Evaluation of field visit reports.
- Evaluation of knowledge by Quiz and MCQ test.



Toppers in various subjects are awarded with Cash Prizes sponsored by faculty members.

**2.6.3 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?**

- Free Online Registration is provided by the placement cell of the college for 'Skill Development Training Programme' Dr. Babasaheb Ambedkar Research and Training Institute (BARTI), Pune.
- The College runs competitive examination coaching classes for economical and socially backward students.
- Institution encourages the students to participate in workshops, seminars and research convention like 'AVISHKAR' for development of research skill.
- Field studies/visits, surveys, industrial visits are organized.
- Social awareness programmes like AIDS, *Jagar-Janivancha*(Gender equality), *Swachhatamitra elocution competition* (Taluka and District level), Sickle Cell Anaemia, Blood Donation camp, eye checking camp, environment awareness rally, etc .are organized by college.

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

Based on the semester examination results, pass percentage is worked out to identify the weak students. Remedial classes are conducted for the weak students in the respective departments to improve their performance. Apart from this, remedial coaching classes are conducted for SC/ST and OBC students.

- Institute has its own feedback mechanism to collect and analyze data statistically on student learning outcomes.
- Discussion is made on the result analysis in the meetings of College Council.

**Corrective measures are taken to improve the learning outcome through-**

- Personal counseling to the students.
- Remedial classes for slow learners.
- Motivation to advance learners for better performance in University examination.

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

- The institution monitors and ensures the achievement of students on the basis of class room interactions, practical session, viva-voce, attendance data, parent-teachers meetings, student mentor scheme, unit test, university results and participation in seminars, workshop etc.
- IQAC monitors the achievements of learning outcomes.
- Department wise internal academic audit.

**2.6.6 What is the graduate attributes specified by the college/affiliating university? How does the college ensure the attainment of these by the students?**

The graduate attributes are specified in the vision, mission, goals and objective of the institution in aims towards overall development of the students. The college strives to develop students' physical, scientific, social and spiritual capability together with sincerity, integrity, hard work, honesty so that they give their very best in life. Such attributes attempt to mould the students as a responsible and unique person.

**Any other relevant information regarding Teaching, Learning and Evaluation which the College would like to include.**

- Number of students seeking admission is consistently rising and as per the needs and changes in the curriculum teachers upgrade their subject knowledge.
- Students participation is increasing in various academic events like seminar competitions, poster presentations, quiz competitions and other academic events.
- Hardworking faculty is the strength of our institution, whole hearted supports of parents, management, alumni, parent teacher association also contribute towards for academic excellence of our college.

### CRITERION –III

#### RESEARCH, CONSULTANCY AND EXTENSION

##### 3.1 Promotion of Research

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

This is budding undergraduate college opened just eight years back. No teacher except Principal who joined this college in the last session is research supervisor hence research centre is yet to be established.

###### 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.

The institution has a research committee.

Chairman: Dr. S.S.Thakare, Principal

Coordinator: Mr. S.A.Wani

Member: Dr. A.P.Pachkawade

###### Recommendations of the committee:

- Need of research laboratories.
- The facility of internet service and computer system.
- Motivation to faculty members for their participation in national /international conferences and to publish research papers in reputed journals.
- Registration of non Ph.D. faculty for Ph.D.programme.
- Participation of students in intra/inter collegiate seminars, research convention 'AVISHKAR' and workshops.
- To develop research culture in the department by organizing scientific guest lectures, seminars, workshops etc.

###### ❖ Impact

- The management accepted to make the provision of research facilities in future.
- There is provision of internet facility and a computer system to five departments.
- Teachers are participating in the conferences and also publishing their research work in the journals.
- Two non Ph.D. faculties have registered for Ph.D.programme and their research work is in progress.
- Organized state level workshop on 'Spider Taxonomy'.
- Participation of college students in intra/inter collegiate competitions, poster presentations.

**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.
- Timely availability or release of resources.
- Adequate infrastructure and human resources.
- Time-off, reduced teaching load, special leave etc. to the teachers.
- Support in terms of technology and information needs.
- Facilitate timely auditing and submission of utilization certificate to the funding authorities.

The Institution has applied for obtaining 2(f) and 12(B) status, the minimum criteria, necessary for applying research projects. Hence no faculty members are engaged in the minor/major research projects.

- **Any other:**  
The committee is taking review of research progress of the faculty and motivates them to upgrade their research and academic status.

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

- The College has '**Nature and Science Club**'. This club provides platform to the students for their active participation in the science competitions, debates, quiz, essay writing, model, poster presentations, popular talks, celebration of important national events, etc.
- Organized workshops, scientific guest lectures.
- Students are allotted the research based projects which develop scientific temper amongst the student fraternity.
- On event of 'National Science Day' in accordance with the theme the following programmes are conducted -
  - Debate competition
  - Poster competition
  - Scientific Model Competition
- Students participated in :
  - Workshops/ Seminars/ conducted by other colleges at University level.
  - State level Poster/Seminar Competition.
  - "AVISHKAR" at University level (research festival initiated by Government of Maharashtra).

**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.**

- Out of 10 faculty members six possess Ph.D. degrees.
- Two faculty members are engaged in individual research activity towards Ph.D. programme.
- Faculty members of the respective departments are involved in research activity
- Details of the faculty involvement in active research:

Department	Faculty	Number of papers published			Total
		N.J.	I.J.	C.P.	
Chemistry	Dr. S.S. Thakare	04	11	05	20
	Dr. A. D. Bansod	05	05	04	14
	Mr. S.S. Padhen	02	08	03	13
Physics	Dr. A.P. Pachkawade	03	07	05	15
	Mr. S.A. Wani	-	04	04	08
Zoology	Dr. M.P. Chikhale	01	10	03	14
	Dr. G.B. Santape	01	07	05	13
Botany	Dr. M. J. Keche	-	03	01	04
Mathematics	Dr. R. M. Korpe	03	07	--	10
Library	Mr. M.P. Waghmare	01	01	01	03
Ph. Education	Mr. A. N. Khan	-	-	02	02
Total		20	63	33	116

**\*N.J.-National Journal, I.J.- International Journal, C.P.- Conference Proceedings**

Dr. S.S. Thakare is involved in guiding research scholars towards Ph.D. programmes. Under his guidance two students have been awarded Ph.D. and four are working as research students at Post Graduate Department of Chemistry, Shri. Shivaji Science College, Amravati.

Zoology department has collaboration with SR-lab J.D. Patil Sangludkar Mahavidyalaya, Daryapur, Dist. Amravati.

**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 imbining research culture among the staff and students.**

The College has organized seminars/workshops / invited lectures/ sensitization programmes in order to build research culture among the staff and students.

**Workshops and Sensitization programmes:**

Department	Events	Date	Level	Source of funding	Amount (Rs.)
Zoology	Workshop on 'Disaster Management'	24 <sup>th</sup> Feb. 2012	Regional	Government of Maharashtra	5000/-
	Workshop on 'Environmental Management'	15 <sup>th</sup> Feb. 2013	Regional	Government of Maharashtra	5000/-
	Workshop on 'AIDS'	30 <sup>th</sup> Jan. 2014	Regional	Government of Maharashtra	5000/-
	Workshop on 'Spider Taxonomy'	10 <sup>th</sup> March 2016	State	Indian Science Congress Association	10000/-

**Students involvement in research activity:**

- Hands on preparation of herbal colours.
- Poster presentation on different topics of curriculum.
- Celebration of National Science Day followed by different activities.
- Training programme on preparation of vermi compost.
- Field visit.
- Informative lecture on cyber crime (security and hacking)

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

Most of the faculty members are involved in active research. The expertise with their research areas available with the institution are:

Department	Expert Faculty	Research Areas
Chemistry	Dr. S.S. Thakare	Synthetic Chemistry, Environmental Study
	Dr. A. D. Bansod	Solid State Chemistry & Catalysis
	Mr. S.S. Padhen	Synthesis of Heterocyclics
Physics	Dr. A.P. Pachkawade	Laser and its Applications
	Mr. S.A. Wani	Ultrasonic Investigations.
Zoology	Dr. M.P. Chikhale	Arachnology, Mammalian Reproductive Physiology, Biodiversity and Conservation

		Biology
	Dr. G.B. Santape	Arachnology, Animal Physiology, Molecular Biology, Biodiversity and Conservation Biology
Botany	Dr. M. J. Keche	Plant Biotechnology

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

Department of Zoology				
Sr. No.	Resource Person	Designation and Institution	Topic	Date
1	Dr. Jayant Wadatkar	Secretary, Wild Life Conservation Society, Amaravti	Wildlife , Bird and Butterfly diversity	5 <sup>th</sup> Feb. 2010
2	Mr. Sawan Deshmukh	Assistant Professor Bharatiya Mahavidyalaya, Morshi	Biodiversity conservation	1 <sup>st</sup> Oct. 2012
3	Dr. Pravin Joshi	Assistant Professor Amolakchand College, Yavatmal	Snake Biodiversity	8 <sup>th</sup> Aug. 2013
4	Dr. G.N. Vankhede	Head and Professor Zoology Dept. S.G.B.A.U, Amravati	Spider Diversity	04 <sup>th</sup> Oct. 2013
5	Miss. Ninu Somaraj	D.C.F. Forests Department, Amravati	Wild Life World	04 <sup>th</sup> Oct. 2013
6	Dr. Dilip Hande	Associate Professor Shri. Shivaji Science College, Amaravati	Human Fungal Diseases	21 <sup>st</sup> Nov 2013
7	Dr. K.B. Sangve	Assistant Professor Brijlal Biyani Science College, Amravati	Life and Diversity of Vertebrates & Invertebrate.	15 <sup>th</sup> Sep 2015
8	Dr. G.A. Wagh	Assistant Professor Shri. Shivaji Science College, Amaravati	Conservation of Birds	30 <sup>th</sup> March 2016
9	Dr. S.R. Kondulkar	Assistant Professor Mahatma Fule College, Warud.	Research in Zoology and Career opportunity	1 <sup>st</sup> April 2016

10	Dr.N.R.Thorat	Assistant Professor Vidya Bharti Mahavidyalaya, Amravati.	Stages of embryonic development of Vertebrates	2 <sup>nd</sup> April 2016
11	Dr. Nayana Shirbhate	Head, Dept. of Botany VidyaVikas Arts, Commerce And Science College, Samudrapur, Dist. Wardha	Impact of Environmental Pollution On Soil, Water and Air.	2 <sup>nd</sup> March 2016
<b>Department of Botany</b>				
12	Dr.D.D. Khedkar	Assistant professor Shri Shivaji Science College, Amravati	Protein trafficking and Protein targeting ( lac operon)	1 <sup>st</sup> March 2012
13	Dr.U.J.Malode	Head, Assistant professor Jagdamba Arts Science and Commerce College, Achalpur	Flower Morphology	28 <sup>th</sup> Feb 2013
14	Dr. M.M. Dhore	Head, Assistant Professor Shri Shivaji Science College, Akot	Medicinal plants and its prospects	4 <sup>th</sup> March 2016
<b>Department of Chemistry</b>				
15	Dr.V.B. Badwaik	Assistant Professor S.Khandelwal Science College, Akola	Solid State Chemistry	6 <sup>th</sup> March 2012
16	Dr. P.R.Padole	Assistant Professor Shri Shivaji Science College, Amravati	P- Block Element	24 <sup>th</sup> Feb 2016
17	Mr. N.H. Bansod	Assistant Professor Shri Shivaji Science College, Amravati	Transition Element	24 <sup>th</sup> Feb 2016
<b>Department of Physics</b>				
18	Dr. B. H. Pawar	Professor Dept. of Physics. SGBAU, Amravati	Laser and its Applications	22 <sup>nd</sup> July 2014
19	Mr. K. K. Hurde	Head, Dept. of Physics, Mungsaji Maharaj College, Darhva	Semiconductor	5 <sup>th</sup> Dec. 2015
20	Dr. S. S. Kaware	Head, Department of Physics, Dr. R. G. Rathod Science College Murtijapur Dist.	Nanotechno logy	22 <sup>nd</sup> Feb 2016



		Akola.		
21	Dr.P.A.Nagpure	Assistant Professor Shri Shivaji Science College, Amravati.	Planetary Motion	26 <sup>nd</sup> Sep. 2016
<b>Department of Mathematics</b>				
22	Dr. V. J. Gaikwad	Associate Professor Shri Shivaji Science College, Amravati	Application of Mathematics	26 <sup>th</sup> Feb. 2016
<b>Department of Electronics</b>				
23	Mr. S. A. Rodge	Associate Professor Adarsh Mahavidyalaya Dhamangaon Rly.	Application of Electronics	8 <sup>th</sup> March 2016
<b>Department of Computer Science</b>				
24	Dr. Bhavana Barbudhe	Associate Professor Dr. Bhausaheb Nandurkar College, Yavatmal.	Web Designing	3 <sup>rd</sup> March 2016.

**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?**

Nil.

**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 )**

- State level workshop on spider taxonomy was organised to provide the knowledge of identification and application of spider through field survey, practical demonstration and interaction with students, research scholars and experts.
- Students were given a training of preparation of herbal colours. The colour bottles were sold out on occasion of 'HOLI' to create an awareness of safe and chemical free celebration.
- Wild life photography exhibition for creating awareness for protection and conservation of wild life among the students and community.
- Students actively participated in Debate competition, Poster competition, Scientific Model Competition on event of National Science Day.
- Weekly Science news displayed for the students.
- Inter collegiate seminar competition on 'Transition Elements' was conducted in collaboration with AUCTA.

- Extension activity on Vermicompost was conducted by Botany department.
- Informative lecture on cyber crime (security and hacking)
- Rain water harvesting system is developed in the college.

### **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.**

Nil.

#### **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 of seed money to the faculty for research. Institute provides duty leave to faculty for participating and presenting papers at national level seminar and conferences. Faculties are doing research work at their own cost.

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

This is UG College. No student is involved in research projects but the students utilize facilities like printer, scanner, camera, internet etc. available in the college for projects on curriculum allotted to them. The Institution has good infrastructure and well established labs in the departments. The labs are ready with instrumentation required for students to handle their project work effectively.

#### **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.**

- There is a mutual coordination among the departments which exchange faculty experts to promote research culture.
- Three M. Phil dissertations on interdisciplinary area are supervised by the Chemistry faculty.
- One interdisciplinary minor research project is successfully completed by the Principal, funded by UGC has been completed before his joining.

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

- All staff and students use the facilities available in the college whenever required.
- Library of the college provides journals, reference books and study materials to the staff and students. Faculties engaged in research use e-journals.
- Staff and students are made available computers with broadband internet facilities.

**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.**

The college has not received any special grant from industry however 10 computers and a printer were donated by Shri. Dattaji Meghe, Member of Parliament, Wardha under the major head- 2553 - 'Mps local area development scheme' and minor head-00-101- Assistance to District Rural Development Agencies/Local Bodies. Total amount disbursed is Rs. 345910.

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

Dr. S.S. Thakare, the Principal of the college has completed one research project. The details are given below table.

Nature of the Project	Title of the project	Name of the funding agency	Total Grant		Total grant received
			Sanctioned	Received	
Minor Project	Physicochemical and Micronutrient status of Soil : A case Study of Tongalabad Village.	UGC	60,000/-	60,000/-	60,000/-

- Project completed before joining the college.

**3.3 Research Facilities**

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

- Work pertaining to curriculum projects can be easily carried out in the laboratories.
- Computers, printer, scanner and Xerox facilities are available for the students.
- Free internet and Wi-Fi facility to the student and teachers.
- The library of the college is equipped with reference books and journals.
- Students are given all possible assistance to present posters/seminars at inter/intra collegiate competitions.

**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?**

- IQAC and research committee discusses requirements with the faculties of each department and upgrade facilities based on recommendations.
- Good infrastructure facility is made available to the students. Every year institution releases funds from their own resources to each department to purchase new instruments and upgrade the laboratories.
- For getting 12(B) status from UGC is under process.
- Guest lecture on new research areas like 'Nanotechnology and its Applications' was organized.
- Eminent resource persons from other institute/university are invited to enlighten the students about new trends in emerging research areas.

**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.**

The institution has received financial assistance. Member of Parliament Shri Dattaji Meghe , Wardha, has provided 10 computers and a printer of Rs.345910 under the major head- 2553 -'Mps local area development scheme' and minor head-00-101- Assistance to District Rural Development Agencies/Local Bodies.

Sr. No.	Particulars	Industry /Beneficiary agency	Cost	Year
1	10 computers and a printer	Member of Parliament Shri. Dattaji Meghe, Wardha,	Rs.345910	2013
2	Camera	Trimurti Traders, Amravati	Rs.12,000	2013
3	Reference Books	Dr. A.D.Bansod	Rs.881	2013

4	Reference Books	Dr.A.P.Pachkawade	Rs.450	2013
5	Reference Books	Dr.M.P.Chikhale	Rs.765	2013
6	Reference Books	Dr.M.J.Keche	Rs.175	2013
7	Reference Books	Dr.G.B.Santape	Rs.1366	2013
8	Reference Books	Mr.P.V.Kharbade	Rs.565	2013
9	Reference Books	Dr. A.G. Doshi	Rs.810	2015
10	Journals	Dr. S.S.Thakare	Rs.3806	2016

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

The research facilities made available to the students and staff outside the campus / other research laboratories are:

- S.R. Lab J.D.Patil Sangludkar Mahavidyalaya, Daryapur.
- Department of Physics, RTM Nagpur University.
- Shri Shivaji Science College, Amravati.

**3.3.5 Provide details on the library / information resource centre or any other facilities available specifically for the researchers.**

The library has following facilities:

- Reading Room
- Reference Books, Journals.
- Library Management Software (LMS), Computer with Internet, Wi-Fi connectivity.
- Departmental library.

**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.**

There is no such collaborative research facilities developed /created by any research institutes in the college.

**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)
- Original research contributing to product improvement

- Research studies or surveys benefiting the community or improving the services
- Research inputs contributing to new initiatives and social development

**Surveys Benefiting the Community:**

- Dr.S.S.Thakare, Principal, has undertaken micronutrient survey of some agricultural land of Tonglabad village, Chandur Rly. Tahsil which indicated the status of soils for Soyabean as the major crop.
- Department of Chemistry: Petrol testing.
- Department of Botany: Plant diseases survey.
- Department of Zoology: Survey of Genetic disorder.

**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?**

The College does not publish or partner in publication of research journal(s).

**3.4.3 Give details of publications by the faculty and students:**

- Publication per faculty
- Number of papers published by faculty and students in peer reviewed journals (national / international)
- Number of publications listed in International Database (for Eg: Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)
- Monographs
- Chapter in Books
- Books Edited
- Books with ISBN/ISSN numbers with details of publishers
- Citation Index
- SNIP
- SJR
- Impact factor
- h-index

Authors : Dr. A. P. Pachkawade			
Sr. No.	Title	Vol.(Issue) Year / pp	Journal
1	Intensity Distribution Across the output laser beam in copper vapour laser discharge	Vo. No.7/ 2011/ 113-114	National Journal Bionano Frontier

2	Electrical and Spectroscopic Characterization of Lonar lake water and sediment by Dc-Glow discharge in the interface of solid and liquid	Vo. No. 7/ 2011/ 139-140	National Journal Bionano Frontier
3	Variation of peak power across the laser beam in Copper vapour Laser discharge	Vo. No.7/ 2011/ 139-140	National Journal Bionano Frontier
4	Investigation of change in colour of the glow discharge of the elements by fractional Abundances	2012/ 133-136	International Journal of basic and applied Research
5	Studies on Nanocrystalline chalcogenide thin films Deposited by chemical Bath Technique	2012/ 157-160	International Journal of basic and applied Research
6	Intensity distribution across the output of Copper Vapour Laser discharge	2012/ 269-272	International Journal of basic and applied Research
7	Distribution of intensity across output Laser beam in copper vapour laser discharge	2012/ 312-315	International Journal of basic and applied Research
8	Temporal Evolution of output Power in Copper Vapour Laser	Vo.N.2/ 2012/74-77	International Journal of basic and applied Research
9	Output of Laser beam is strongly dependent on Electron temperature	2015/ 458-461	International Journal of science and Research
10	Investigation of Temporal and Spatial coherence of radiative material by Fourier Transform Technique	Vo.N.2/ 2015/ 190-194	International Journal of Research in Bioscience, Agriculture & Technology
<b>Authors : Mr. S.A.Wani</b>			
<b>Sr. No.</b>	<b>Title</b>	<b>Vol.(Issue) Year / pp</b>	<b>Journal</b>
1	Ultrasonic Study Of Molecular Interaction In Binary Liquid Mixture Triethylamine In N-Hexane At 301k	04/ Jan. 2014/ 178-183	International Journal Of Basic And Applied Research
2	Ultrasonic Study Of Molecular Interaction In Binary Liquid Mixture Containing Triethylamine In Acetonitrile	1(2)/Jan.2014 / 1070-1080	International Journal of Research in Biosciences, Agriculture and

	At 305.15k		Technology
3	Ultrasonic Study of Acoustical Parameters in Binary Liquid Mixture (Triethylamine With n-hexane) at 305.15k	2015/ 35-39 Jan. 2015	International Journal of Science and Research
4	Thermo-Acoustical Studies in Binary Liquid Mixture Containing Triethylamine in Acetonitrile	( 9)/ 2014/ 67-71	Journal of Science Information
<b>Authors : Dr. S.S.Thakare</b>			
Sr. No.	Title	Vol.(Issue) Year / pp	Journal
1	A Novel Synthesis of some Bromopyrazolines.	7(4),1995/ 891-893	Asian Journal Chemistry.
2	Synthesis of new pyrazolines and their derivatives.	1(1), 1999/ 57-60	J. Chemtracks
3	Synthesis of 1-H-3-(2''-Hydroxy-3''-Substituted-5''-Chlorophenyl)-5-(2'-Furyl)-2-Pyrazoles and Their Derivatives.	13(1), 2001/ 237-240	Asian Journal Chemistry
4	A Novel Synthesis of some Isomeric Isoxazoles.	13(2), 2001/ 780-782	Asian Journal Chemistry
5	Dehydrogenation of 1-H-3-(2''-Hydroxy-3''-Substituted-5''-Chlorophenyl)-5-(2'-Furyl)-2-Pyrazolines and and Their Derivatives with Antimicrobial Activities.	17(1), 2001/ 127-130	Oriental Journal of Chemistry
6	Novel Synthesis of some Acetoxy Aryl Pyrazolines.	21(8), 2009/ 6233-6236	Asian Journal Chemistry
7	Synthesis and Antimicrobial Activity of new 3, 5-Disubstituted Pyrazolines.	19,Jan March, 2010/281- 284	Indian Journal of Heterocyclic Chemistry
8	Synthesis and Characterization of some new Imidazole-2-Thiols and its Derivatives.	4(4), 2011/ 853-856	Russiyen Journal of Chemistry
9	Synthesis of Novel Imidazole-2-thiol Derivatives and Evaluation of Their Antimicrobial Efficiency.	21,Jan-Mar., 2012/217- 220	Indian Journal of Heterocyclic Chemistry
10	Synthesis and Characterization of some new 1, 4, 5-	4(1), 2012/866-	Journal of Chemical and Pharmaceutical



	trisubstitutedimidazole-2-thiols derivatives.	871	Research.
11	Synthesis of some new Imidazole-2-thiols and their derivatives as potent antimicrobial agents.	53B, May 2014/642-646	Indian Journal of Chemistry.
12	Synthesis and Characterization of some 2-Azetidinones	111-115	International Journal of Chemistry & Physical Sciences
13	Synthesis of some new 3,5-disubstituted pyrimidine & thiopyrimidine derivatives as potent antimicrobial agents.	117-122	International Journal of Research in Biosciences, Agriculture and Technology.
14	Selective Synthesis of 2-Chloro-N-Alkyl-7-Nitroquinazoline-4-Amines Derivatives from 2,4-Dichloro-7-Nitro Quinazolines by control reaction conditions.	728-733	Indo American Journal of Pharmaceutical Sciences
15	Palladium Catalysed Suzuki Reaction for Synthesis of new Trisubstituted Quinazoline Derivatives.	413-420	Heterocyclic Letters
<b>Authors : Dr. A. D. Bansod</b>			
Sr. No.	Title	Vol.(Issue) Year / pp	Journal
1	Characterization, electrical and biological studies of Cr(III), Mn(III), Fe(III), Ti(III), VO(IV), Th(IV), Zr(IV) and UO <sub>2</sub> (VI) polychelates with bis-bidentate Schiff base	43A, 1892 (2004).	Indian Journal of Chemistry
2	Synthesis, structural and electrical studies of some chelates polymers of bis-bidentate	Vol. 19(1), 81 (2005).	Journal of Natural and Physics Science
3	Synthesis and characterization of Co(II) and Ni(II) polychelates of Schiff base ligands and their catalytic properties	2(3), 703,(2005)	International Journal of Chemical Sciences
4	Synthesis, Characterization	(80), 1065,	Polish Journal of

	and Catalytic Activity of Salen–Type Schiff Base Polychelates	(2006)	Chemistry, Poland.
5	Synthesis, characterization and electrical conductivities of some bivalent metal complexes of ONS donor ligand	(82), 777,(2006)	Indian Journal of Chemical Society
6	Synthetic, structural characterization and biological studies of some divalent metal complexes.	(23).2, 10, (2006)	Indian Council of Chemist
7	Synthesis, thermal, electrical and catalytic studies of some transition metal polychelates of bis–bidentate Schiff base	(25), 154, (2007).	Chinese Journal of Chemistry
8	Coordination chain polymers of salen type Schiff base with metal ions	Vol. 11, No 2, 243, (2007).	Journal Saudi of Chemical Society
9	Synthesis, structural, electrical and biological studies on bivalent metal complexes of tridentate Schiff base	Vol. 52, No 6, 879-883, (2007).	Russian Journal of Inorganic Chemistry
10	Synthesis, Characterization, Electrical Conductivity and Catalytic Activity of some of Salen type Schiff Base	Vol.36,No.4 page 298, Year 2010	Russian Journal of Coordination Chemistry
<b>Authors : Mr. S.S.Padhen</b>			
Sr. No.	Title	Vol.(Issue) Year / pp	Journal
1	Proximate analysis of leaves of <i>Ricinus communis</i> from Chandur (Rly) Amravati District.	5 ( 1 ) 2015/15-16	International Journal of Natural Products Research
2	Refractometric measurements of substituted phenol in ethanol-water system	6(3)2015/ 25-27.	Pelagia Research LibraryDer ChemicaSinica,
3	Viscometric measurements of 3-(2-hydroxy-3-nitro-5-methyl) phenyl-6-amino-1,2,5-thioxazine in 60% ethanol water mixture at various temperatures	Vol.5/ Issue-2 / 2015 / 113-115.	International Journal of Medicinal Chemistry and Analysis

4	Conductometric Measurements of 3-(2-hydroxy-3-nitro-5-methyl) phenyl-6-amino-1,2,5-thioxazine in 50% Ethanol–Water Mixture at Different Temperatures	Vol.3/ Issue2/ 2015/ 87-91.	Int. J. Ayu Pharm Chem
5	Novel Synthesis of 4-(5-substituted thicarbamido)-1,2,4-Dithiazolopyridines	1(2), 2016, 101-104.	Journal of Medicinal Chemistry and Drug Discovery
6	Synthesis and Characterization of 1-Phenyl-3-[4-(2-Substitutedimino-4-Substitutedimino-1,3,5-Dithiazino)Aminophenyl]-Prop-2-Ene-1-Ones	7(1), 2016, 53-58.	International journal of pharmacy and Pharmaceutical Research
7	Novel Synthesis and Characterization of 1-Phenyl-3-[4-(2-Substitutedimino-4-Substitutedimino-1,3,5-Dithiazino)Amino- phenyl] Prop-2-Ene-1-Ones	7(2), 2016, 343-348	International journal of pharmacy and Pharmaceutical Research
8	Synthesis and Characterization Of 1-Phenyl-3-[4-(5-Substituted-2,4-Dithiobiureto)Phenyl]-Prop-2-Ene-1-Ones	3(8), 2016, 310-314.	European Journal Of Pharmaceutical And Medical Research
9	Effect of transition metal ions and their complexes: A study of growth profile and nutrient content in Dhodaka and Bottle Gourd.	2013/ 125-128	Journal of Aquatic Biology
10	Viscometric measurements of 2-methyl-4-hydroxy-6-thiocarbamido-1,3,5-triazine in 55% ethanol water mixture at various temperatures keeping the constant concentration	2015/ 34- 36	Sunrise Multidisciplinary Research Journal
<b>Authors : Dr. M. J. Keché</b>			
Sr. No.	Title	Vol.(Issue) Year / pp	Journal
1	Mutagenicity of gamma Rays on <i>Pisum Sativum</i> (L)	2(3)/2013/ 20-21	Multilogic in Science International Refereed and index Quarterly Journal

2	Electrophoretic pattern in gamma radiated wild pea	5(3)/2016/ 239-242	International Journal of Scientific Research
3	Estimation of Soluble Protein by Bradfords Method in Gamma Radited (WILD) Pea	5(7)/2016/ 983-984.	International Journal of Science and Research
<b>Authors : Mr. M.P.Waghmare</b>			
Sr. No.	Title	Vol.(Issue) Year / pp	Journal
1	User Education and Services Information Technology Age.	3 (3) Sept. 2015/62-63	IJRSSIS Peer reviewed
2	Role of UGC in Continuing Education Programmes (CEP) for College Librarian	Vol.1/ 2015/40-42	Arts Oriented Journal
<b>Authors : Dr. M.P.Chikhale</b>			
Sr. No.	Title	Vol.(Issue) Year / pp	Journal
1	Spider (Arachnida: Araneae) Families of Three Ecosystems of Maharashtra, India	3(1)/ 2011/ 23 - 33	E-International Scientific Research Journal.
2	Road mortality of amphibians and reptiles on Chikhaldara to Paratwada road, southern off shoot of the satpura hill range in Central India (Maharashtra).	2(5)/ 2013/ 81 – 85.	Multilogic in Science an international refereed and indexed Quarterly Journal
3	Prelimiary checklist of the spiders (Araneae) of the coffee plantation of Chikhaldara, Amravati, Maharashtra Central India.	2(5) 2013/ 15 – 19.	Multilogic in Science an international refereed and indexed Quarterly Journal
4	Some observations on burrow architecture of burrowing spider <i>Geolycosa Montgomery, 1904</i> (Araneae:Lycosidae) at Vairat Melghat Tiger Reserve, Maharashtra India.	2(2)/ 2013 / 34-38.	Indian Journal of Arachnology
5	Hunting Strategies of burrowing spider <i>Geolycosa Montgomery, 1904</i> (Araneae:Lycosidae).	2(7)/2014/ 29-31.	Multilogic in Science an international refereed and indexed Quarterly Journal
6	Burrowing Habit Play Thermoregulation Role in <i>Geolycosa Montgomery, T. H., 1904</i> (Araneae, Lycosidae).	4(4)/ 2015/ 2162-2163.	International Journal of Science and Research (IJSR)

7	Haematological changes in wistar female albino rats fed with steroidal and non-steroidal contraceptive pills.	3(4)/ 2015/ 318-321,	International Journal of Pure and Applied Zoology
8	The Effect of Selected Steroidal and Non- Steroidal Contraceptive Pills on Changes in the Body and Organ Weights of Wistar Female Albino Rats.	4(9)/ 2015 / 139 - 142	IJSR
9	The Behavioural Strategy of Orb Weaving Spider <i>Zygiella Indica</i> Tikader & Bal, 1980 (Araneae: Araneidae).	4(8)/2015/ 1074 -1077.	International Journal of Science and Research
10	Influence of steroidal and non-steroidal contraceptive pills on hormonal alterations in wistar female albino rats.	6(3):(B)/ 2015/ 521 - 528	International Journal of Pharma and Bio Sciences. (Scopus and EMBASE) SCI mago Journal Rank 0.288.
<b>Authors : Dr.G.B.Santape</b>			
Sr. No.	Title	Vol.(Issue) Year / pp	Journal
1	Spider (Arachnida:Araneae.) Families of three ecosystems of Maharashtra, India.	3(1)/2011	E.International Scientific Research Journal
2	Road mortality of amphibian and reptiles on Chikhaldara to Paratwada road, southern offshoot of the Satpura hill range in Central India (Maharashtra)	2(5)/2013/ 81-85	Multilogic in Science an international refereed and indexed Quarterly Journal
3	Preliminary Checklist of the spiders (Araneae) of the coffee plantation of Chikhaldara, Amravati, Maharashtra Central India.	2(5)/2013/ 15-19.	Multilogic in Science an international refereed and indexed Quarterly Journal
4	Some observations on burrow architecture of burrowing spider <i>Geolycosa Montgomery, 1904</i> (Araneae:Lycosidae) at Vairat Melghat Tiger Reserve,	2 (2)/ 2013/ 34-38.	Indian Journal of Arachnology

	Maharashtra India.		
5	Electrophoretic patterns of muscle proteins are useful for the species identification.	2(7)/2014/ 85-88	Multilogic in Science an international refereed and indexed Quarterly Journal
6	Burrowing habit play thermoregulation role in <i>Geolycosa Montgomery</i> T.H.1904 (Araneae,lycosidae)	4(4)/2015/ 2162-2163	International Journal of Science and Research (IJSR)
7	The Behavioural Strategy of Orb Weaving Spider <i>Zygiella Indica</i> Tikader&Bal, 1980 (Araneae: Araneidae).	2015/ 1074-1076	International Journal of Science and Research (IJSR)
8	Protemic studies of bird skeletal muscle fiber revealed by electrophoresis	4(9)/2015/ 35-36	International Journal of Scientific Research
<b>Authors : Dr. R.M.Korpe</b>			
Sr. No.	Title	Vol.(Issue) Year / pp	Journal
1	On Distributional generalized Mellin-Whittaker Transform	12(5)/2009/ 45-48	Aryabhata Res. J.of Physical Sciences.
2	Topology of the Spaces of Mellin-Whittaker Transformable Distribution	1(17)/2011 /453-458	Journal of Science and Arts
3	Some Properties of Generalised Mellin-Whittaker Transform	7(10)/2012 /477-488	Int. J.Contemp. math Sciences
4	On Asymptotic Expansion of Generalized Mellin-Whittaker Transform.	2(3)/2012 /289-292	Scientific.Reviews and Chemical Communications
5	Representation Theorem for the Distributional Mellin-Whittaker Transform	2(1)/2012 /81-XX	Journal of Applied Mathematics and Bioinformatics
6	Abelian Theorem for Generalized Mellin-Whittaker Transform	1(4)/2012 /19-23	IOSR Journal of Mathematics
7	On Generalized Finite Mellin Transformation	2(1)/2012 /47-54	Global Journal of Theoretical and Applied Mathematics Sciences
8	Generalized Fractional Mellin-Whittaker Transform	4(5)/2012 /535-540	International Journal of Mathematics Research

\*N.J.: National Journal, I.J.: International Journal, C.P.: Conference proceedings

Faculty	Impact Factor	h-Index	Citation Index	SNIP	SJR	Scopus
Dr. S.S. Thakare	3.833	02	18	-	-	-
Dr. A. D. Bansod	1.98	04	45	-	-	-
Mr. S.S.Padhen	3.60	01	02	-	-	-
Dr. A.P. Pachkawade	5.23	-	-	-	-	-
Mr. S.A. Wani	4.43	-	-	-	-	-
Dr. M.P. Chikhale	5.12	02	12	0.77	0.288	-
Dr. G.B.Santape	4.43	02	12	-	-	-
Dr. M. J. Keche	6.42		01	-	-	-
Dr. R. M. Korpe	0.67	01	07	-	-	-

**Table (b)- Chapters written in Books, Books Edited and Books with ISBN/ISSN numbered by faculties are:**

Sr. No.	Title.	Authors	Chapter /page no.	ISBN No.	Publisher Name	Year
1	Text Book of Organic Chemistry for B.Sc.II	Dr. S.S. Thakare	Chapter No.2 Carboxylic Acids (pp 28-61)		Bokey Prakashan Amravati.	1998
2	Text Book of Organic Chemistry for B.Sc.I	Dr. S.S. Thakare	Chapter No.3 Stereo Chemistry (pp 57-93)		Bokey Prakashan Amravati	2003
3	Text Book of Chemistry for XI <sup>th</sup> Standard	Dr. S.S. Thakare	Chapter No.11 Principles and Methods of Purification of Substances (pp 130-137)		MSB of Secondary and Higher Secondary Education, Pune	2009
4	Text Book of Chemistry for XII <sup>th</sup> Standard	Dr. S.S. Thakare	Chapter No.15 Biomolecules (pp 362-378)		MSB of Secondary and Higher Secondary	2010

					Education, Pune	
5	A Text Book of Chemistry B.Sc.II (3 <sup>rd</sup> Semester)	Dr. S.S. Thakare	Chapter No.3 A. Aldehydes & Ketones B. Carboxylic Acids (pp 67-77)	978- 81- 90577 6-1-1	Nabha Prakashan , Amravati	2011
6	A Text Book of Chemistry B.Sc.III (5 <sup>th</sup> Semester)	Dr. S.S. Thakare	Chapter No.3 A. Heterocyclics B. Organometalli cs C.Retrosynthe sis (pp 84 - 119)	78- 81- 92616 3-1-5	AUCTA	2013
7	A Text Book of Chemistry B.Sc. II (4 <sup>th</sup> Semester)	Dr. S.S. Thakare	Chapter No. 3 A. Polynuclear Hydrocarbons B. Reactive Methylene Compounds C.Carbohydrat es (pp 63 - 90)	978- 81- 92616 3-4-6	AUCTA	2014
8	A Text Book of Chemistry B.Sc.III (5 <sup>th</sup> Semester)	Dr. S.S. Thakare	Chapter No.3 A. Heterocyclics B. Organometalli cs	978- 81- 92616 3-5-3	AUCTA	2015
9	A Text Book of hemistry, B.Sc. II- Fourth Semester	Mr.S.S. Padhen	Chapter No.5 Colligative Properties of Dilute Solutions /129-143.	978- 81- 90577 6- 103-1	Nabh Prakashan	2015
10	Text Book of Chemistry B.Sc. III, Fifth Semester	Mr.S.S. Padhen	Chapter No.5 Elementary Quantum Mechanics /102-125	978- 81- 90577 6- 103-3	Nabh Prakashan	2015



11	A Text Book of Botany Practical 1 <sup>st</sup> and 2 <sup>nd</sup> Semester	Dr. M.J. Keche	Chapter No.3 (56-80) Chapter No.4 (170-182)	978-81-905776-105-2	Nabh Prakashan	2016
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- Books / Chapter Edited:

Sr. No	Book / Chapter	Editor	ISBN/ISS N No.	Publisher Name	Year
1	A Text Book of Chemistry B.Sc.II (4 <sup>th</sup> Semester) Chapter No.3 A. Polynuclear Hydrocarbons B.Organic Synthesis via Enolates (pp 46-47)	Dr. S.S. Thakare	978-81-905776-11-1	Nabha Prakashan, Amravati	2011
2	A Text Book of Practical Chemistry B.Sc.I Chapter No. 1 Inorganic Chemistry Practical Chapter No. 2 Organic Chemistry Practical	Dr. S.S. Thakare	978-81-905776-11-3	Nabha Prakashan, Amravati	2011
3	A Text Book of Practical Chemistry' B.Sc.II	Dr. S.S. Thakare	978-81-905776-11-2	Nabha Prakashan, Amravati	2012
4	A Text Book of Chemistry B.Sc. I Semester- I	Dr. S.S. Thakare	978-81-926163-2-2	AUCTA	2013

#### 3.4.4 Provide details (if any) of

- research awards received by the faculty
  - recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally
  - 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?**

The Principal, IQAC and Research Committee develop a system and strategies for establishing institute and industry interface. Field visit, industrial tour and educational tours are arranged to establish institute-industry interface and to encourage the students in the research field through practical knowledge about working of the industries. College invites business person, entrepreneurs, experts for interaction with the students and staff.

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

The parent society, Principal, IQAC and Research committee encourage and guided the faculty to find out the society benefiting consultancy services and promote such consultancy services.

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

The institution encourages the staff by providing them available facilities like, infrastructure and some financial support.

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

Nil

#### **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?**

- The institution has extended its services through National Service Scheme's seven days special residential camps at two nearby villages continuously from last five years. During these camps students rendered their services totally in the benefit of community.

- Institution promotes student engagements by organizing public oriented programs like Blood Donation Camps, Eye Check up camps, AIDS Awareness programs, Sickle Cell anemia and Diabetes testing program etc.
- Good citizenship amongst the students is inculcated through the organization of –“Swachhatamitra Elocution Competitions”, Cleanliness drive, Environment awareness campaign, Tree plantation and their patrolling, Samuhik Vivah Sohala, District level essay competition on the 125<sup>th</sup> Birth Anniversary of Pandit Jawaharlal Nehru and Dr.Babasaheb Ambedkar, good execution of Cloth Bank, etc.
- Institution gives prime importance to the burning social issues like Gender Equality. A prominent program of three days, “Jagar Janivancha” was nicely organized in the college.
- Various activities such as cleaning of roads are under taken by the NSS volunteers; experts are invited to the village to guide the students and villagers about village development and welfare schemes.
- Free health check-up camps are arranged for the people of the area.
- Checking Blood group and Blood donation camp are organized every year.
- Free Eye checking camp is organized.
- Rallies to protect environment are often taken out. Students march holding placards bearing thought-provoking slogans to draw the attention of people to these issues.
- Rallies for pollution free celebrations.
- Various awareness programs - Women empowerment, personal hygiene.
- Various Social activities – tree plantation, distribution of cloths to the needy.
- Many programmes under the aegis of “Jagar Janivancha” were undertaken
- Essay competition, rangoli competition, poster competition on the theme “Female Foeticide”
- AIDS awareness camp
- Students and Staff voluntarily worked in Samuhik Vivah Sohala and gifted watches to the couples.

**3.6.2 What is the Institutional mechanism to track students’ involvement in various social movements / activities which promote citizenship roles?**

- The college council and staff club provides opportunities to all faculty to learn institutional values, professional ethics and social responsibility.
- College has very active Student's Union which ensures to strengthen the legacy of the college. It conducts frequent meetings of the representatives of all classes to maintain cordial relationship between staff and students
- All information related to students support measures, inter and intra college competitions, campus cleaning, ban of plastics
- Students and staff are sensitized to maintain ragging free campus
- The College encourages the students to involve in various social movements/ activities through participation in numerous activities organized by NSS.
- The College organizes various socio-centric activities which generate awareness regarding their roles and responsibilities in society.
- The college celebrates important days of national and international importance.

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

Suggestions from all stakeholders are taken into consideration and are discussed in the LMC meeting. Suggestions which are within the purview are referred to them for further action.

The College gets feedback on its curricular, co-curricular and extra-curricular activities from parents and students. For improvements in performance and quality of the institution, strengths and weaknesses of college are discussed with the heads of departments, faculties, parents and students. Stakeholders help the college to take decisive and appropriate steps for proper administration and overall performance of the institute.

**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.**

**Extension Activities:**

Cleanliness drive, workshop on disaster management, blood donation camp, distribution of earthen pot for bird caring, rain water harvesting for water conservation, Swachata Mitra Elocution competition organised at district and taluka level, Environment awareness rally.

**Outreach Activities:**

Distribution of kits to deaf and dumb students at Chandur Rly., Cloth bank linked with 'Manuski NGO', organization of *Samuhik Vivah Sohala* for all religion people, workshop on herbal colours, Eye checkup camp and medicine distribution, visit to 'Matoshri Vrudha Ashram' at Bhankhed, Amravati.

**Impact on the overall development of students:**

The active participation of students in these activities would help them to imbibe and inculcate the qualities such as moral values, self discipline, unity in diversity, volunteers spirit, social responsibilities, leadership qualities, health and environmental awareness, social network development and team work etc.

**Budgetary Details:**

Year	Expenditure
2012 – 2013	30158/-
2013 – 2014	59903/-
2014 – 2015	63209/-
2015 – 2016	74815/-

**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 promotes students and faculties for their all round development by extending financial support for organizing different programmes and extension activities. Institution offers awards and prizes to the students. Principal of the college always encourages the students for their academic and personal development. Also special awards, 'Nisarg Sakha' and 'Nisarg Sakhi', announced for significant contribution in the field of conservation of environment, The College has active NSS unit which conducts social activities. Student volunteers working in the NSS unit are awarded with incentive marks by University. Teaching and non teaching members offer cash prizes to the students for their excellent work.

**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.**

Extension activities teach the students to see beyond their curriculum for the betterment of the society as a whole. It gives

purpose to the knowledge acquired by them. Following values and skills are inculcated by the above extension activities:

Team work, time management, leadership, emotional development, understanding the challenges faced by the under privileged sections of our society, effective decision making. Learning through real-life situations, the extension activities conducted by our college are valuable for harnessing youth power for national development. These programmes help the students to build self confidence, earn while learn, eradication of superstition, gender equality, National integration.

**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?**

The NSS organize various camps like general health check up camps and community development work with the consent and consultation of the community members. The community members help the students by providing accommodation in the community hall while organizing the camps. They are also involved in the community developmental activities like cleaning the area, tree plantation and regular watering of the plants etc. The PTA body extends its support and helps the NSS in the community development activities.

Different cultural activities are organized in order to pass message in the society during special camps of NSS unit and social gathering '*Madhugandh*' of the College. Notable involvement of the public from different religions recorded during the organization of '*Samuhik Vivah Sohala*'.

**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.**

The College developed constructive relationship with the following institutions of the locality –

NGO '*Manuski*', Local Bus Stand(MSRTC), Hutatma Bhaugir Vachnalaya. Taluka Agriculture Department, Shirajgaon (Korde) and Songaon Gram panchayat, Regional Transport Office, Rural Hospital and District General Hospital, Garden Club Amravati, Forest Department Regional Forest Office Wadali, Amravati.

**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.**

- S-R lab J.D.Patil Sangludkar Mahavidyalaya, Daryapur.
- Chemistry Research Lab GVISH, Amravati.
- Central Instrumentation Centre Shri Shivaji Science College, Amravati.

**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.**

- S-R lab J.D.Patil Sangludkar Mahavidyalaya, Daryapur providing research facilities to the students and faculties of Zoology Department.
- Hutatma Bhaugir Vachnalaya, Chandur Rly. Sharing library facility specially books and magazines of competitive examinations. Group of students preparing for competitive examination are benefited by this facility.

**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.**

Nil

**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.**

Nil

**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 activity
- h) Publication
- i) Students placement
- j) Twinning program
- k) Introduction of new course
- l) Students exchange
- m) Any other

The college has signed two MoU. The activities conducted under these MoUs are:

- Students of second year are taken to the S .R. Lab J .D. Patil, Sangludkar Mahavidhyalaya, Daryapur to study spider taxonomy.
- Faculty of Zoology frequently visits to carryout their research work.
- Books on competitive exams are barrowed from Hutatma Bhaugir Vachnalaya, Chandur Rly.

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

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



## 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?

The parent management has always been committed to providing the required infrastructure facilities for effective teaching and learning in consensus with institutional mission and objectives. The institution has well equipped laboratories, furnished class rooms, library with sufficient space and books, seminar hall, botanical garden and play ground.

##### 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.**

- The College has campus area: 7018 sq. m.

- The build up area: 2233.75 Sq. m.

Details of the infrastructure available in the college:

##### **Administrative Building**

S. N.	Name of the building/Room/Cabin	Area in Sq. Ft.
1	Principal's Cabin	400 Sq. Ft.
2	Office	400 Sq. Ft.

- **Classroom:-** The available classrooms and seating capacity are as follows:

Sr. No.	Area in Sq. Ft.	No of class Room	Total Area in Sq. Ft.	Seating Capacity
1	600 (20 x 30 each)	04	2400	320
2	900 (30 x 30 each)	03	2700	300

- **Technology enabled learning facilities:-**

The college has following technology enabled learning facilities:-

1. Internet
2. Wi-Fi
3. LCD projector
4. Computer laboratory

The faculties prepare PPT based on curriculum for their respective subject to make the teaching learning process more effective

and interactive. Students make use of these facilities to prepare syllabus based projects.

- **Seminar Hall:-**

The college has multipurpose hall with area 1800 sq. ft. Hall is utilised for conducting seminars, workshops, guest lectures, and various college programme.

- **Laboratories and Library**

The college has well equipped laboratories. The details are as given below

Sr. No.	Department	Area in Sq. ft.	Seating Capacity
1	Chemistry	1200	60
2	Physics	1400	70
3	Botany	1200	60
4	Zoology	1200	60
5	Computer Science	450	20
6	Electronics	450	20
7	Library	900	30

- **Botanical Garden (In Sq. Ft.)**

- Botanical Garden : 2208 Sq. Ft.  
(48x46)
- Vermicompost Plant : 90 Sq. Ft.
- Roof for Rainwater Harvesting : 6000 Sq. Ft.
- Rain Water Percolating Tank : 14 Ft. (Diameter)  
: 15 Ft. (Depth)
- Vehicle Parking Area : 30x175 = 5250 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.**

**Sports: -**

- Physical Education Department : 400 Sq. Ft.  
**Outdoor Games:** - A spacious play ground is available for outdoor games like Kabaddi, Cricket, Basket ball and Volleyball etc.  
**Indoor Games:** - Chess, Carom
- **NSS: -**  
The NSS unit has an intake capacity of 50 students. The NSS office area is 400 Sq. Ft. After completion of tenure, certificate is awarded to the volunteer.
- **Cultural Activities / Yoga :**  
Open space area including Dais covered with cement blocks: 127 x 111 = 14097 Sq. ft.
- **Health and Hygiene :**

- ✓ First aid box is available.
- ✓ Dustbins are placed at every floor.
- ✓ Separate lavatories for boys and girls.
- ✓ Safe drinking water purifier(Aqua Sure and Aqua guard Classic)
- ✓ Water cooler is provided in the college (Voltas Water Cooler).

**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)**

The college has good infrastructure with sufficient facilities like laboratories and class rooms. Administrative office, Principal office, Botanical garden and Library are renovated.

**The amount spent during the last four years:**

**1. Infrastructure Developed :**

Year of completion	Infrastructure Developed	Number	Amount Spent in Rs.
2014	Class Room	04	2615223
2016	Class Room	04	3242602
	Laboratories	04	

**2. Renovation :**

Year of Completion	Renovation
2016	Administrative office, Principal office, Library and Botanical garden.

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

No student admitted is disabled. However, Toilet is made available at the ground level.

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

- Hostel Facility – Recreational facilities, gymnasium, yoga centre, etc.
- Computer facility including access to internet in hostel
- Facilities for medical emergencies
- Library facility in the hostels
- Internet and Wi-Fi facility

- Recreational facility-common room with audio-visual equipments
- Constant supply of safe drinking water
- Security

At present there is no residential facility for staff or hostel for students but two class IV employees are provided free accommodation.

**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?**

**On The Campus:**

- First aid facilities are available in the college campus.
- Safe drinking water purifier (Aqua Sure and Aqua guard Classic)
- The college conducts medical fitness examination/Health Check up camp for the students.
- Regular and Periodic cleaning of water tanks.
- Blood donation camp every year.

**Off The Campus:**

- In case of emergency Medical Practitioner, Dr. K. P. Dhole is consulted.
- The health care for the staff includes reimbursement of medical treatment expenses.

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

- **IQAC: -**  
We are in first accreditation process and space is provided to IQAC office is 400 sq ft.
- **Grievance Redressal committee for Sexual Harassment & Women Cell :**  
As of now, there is no separate space provided to deal with the grievances reported to the women’s cell. If needed, classroom can be made available for the same. Fortunately till date there is no case of gender bias and sexual harassment reported to the cell.
- **Canteen: -** Sufficient space provided to the College Canteen.
- **Ladies Common Room: -** The ladies common room is available in the campus. The ladies common room area is 600 Sq. Ft

- **Safe drinking water facilities:-** Safe drinking water purifier (Aqua Sure and Aqua guard Classic) and Water cooler is provided in the college (Voltas Water Cooler).
- Students Counselling and Career Guidance Cell is accommodated in 400 Sq. Ft. area.

## **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, Library advisory committee comprises of the Principal as the Chairman, Librarian as Secretary, four Staff members and a student representative.

The following are the significant initiatives implemented by the committee to render the library, student/user friendly:

- Approval of library budget.
- Collection development and weeding out books.
- Frame rules and regulations.
- College Book Bank Scheme.
- Number of books issued to the user are increased under Book Issue Policy
- Employment News paper subscribed for the users.
- Use of library Software for easy access of the books.
- Best Library User Award for the students.
- Reader Focus Display.
- Book Exhibition.

### **4.2.2 Provide details of the following:**

- Total area of the library (in Sq. Mts.)
- Total seating capacity
- Working hours (on working days, on holidays, before examination days, during examination days, during vacation)
- Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)

Total space available for the library is 83.61 Sq. Mts. There are no separate compartments but whole space is properly bifurcated for library users.

Details of the Library area/ seating capacity/ working hours of the library:

<b>Total area of the library (in Sq. Mts.)</b>	<b>83.61 Sq. Mts.</b>
Total seating capacity	30
<b>Working Hours</b>	
On working days	08.00 a.m. to 5.30 p.m.
On holidays	-
Before examination days	08.00 a.m. to 5.30 p.m.
During examination days	08.00 a.m. to 5.30 p.m.
During vacation:	10.30 a.m. to 5.30 p.m.

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

- Institute disburses specific amount to the library for books purchase.
- Catalogues of different publishers are provided to each department to select the current titles and other reading material.
- Departmental Heads submit the list of books to be purchased to the librarian.
- The amount to be disbursed to each department is discussed in the Library Advisory committee meeting.
- Quotations are called from different book suppliers and prices /discounts are compared.
- Principal of the college places the order.  
Amount spent on purchasing Books, Journals and magazine during the Last four Years

<b>Library holding</b>	<b>2012-13</b>		<b>2013-14</b>		<b>2014-15</b>		<b>2015-16</b>	
	<b>No.</b>	<b>Total Cost</b>	<b>No.</b>	<b>Total Cost</b>	<b>No.</b>	<b>Total Cost</b>	<b>No.</b>	<b>Total Cost</b>
Textbooks	27	2867	168	22318	80	13306	0	0
Reference Book	7	1555	62	24492	37	13810	0	0
Journals/ Periodicals	0	0	1	128	10	4521	4	2060
e-resource	0	0	0	0	0	0	0	0
Other Books	0	0	32	7512	19	2901	0	0
Total	34	4422	263	54450	146	34538	4	2060

In the current session (2016-17) 93 books of different subjects of amount Rs.41021/- are purchased.

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

Sr. No.	Tools	Comments (If any)
1	OPAC	One computer is made available for this purpose
2	Electronic Resource Management package for e-journals	-
3	Federated searching tools to search articles in multiple databases	-
4	Library Website	Included in the College Website
5	In-house/remote access to e-publications	No
6	Library automation	Yes
7	Total number of computers for public access	01
8	Internet band width/ speed * 2mbps * 10 mbps * 1 gb	10 mbps
9	Total numbers of printers for public access	01
10	Institutional Repository	No
11	Content management system for e-learning	No
12	Participation in Resource sharing networks/consortia (like INFLIBNET)	-

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

S. N.	Item	Details
1	Average number of walk-ins	50/working day
2	Average number of books issued / Returned	25/ working day
3	Ratio of library books to students enrolled	05:01
4	Average number of books added during last three years	271/year
5	Average number of login to OPAC	20/ working day
6	Average number of e-resources downloaded login / painted	-
7	Average number of login to e-resources	-
8	Number of Information literacy trainings organized	04

• **Details of weeded out books and other materials :**

Sr. No.	Acc. No.	Class No.	Title Of Book	Author/Editor	Price (Rs.)
1	134	005.133	Information Technology	Navneet	120
2	196	420	English For B. Sc. 1 Year	Dineshchandra	70
3	321	004.56	Database Management Systems	Bharat Lohiya	145
4	322	004.56	Database Management Systems	Bharat Lohiya	145
5	145	591	Zoology: Animal Ecology B.Sc. 2 Year	Pradipkumar	80
6	146	576.5	Zoology: Genetics B.Sc. 2 Year	Pradipkumar	60
7	147	571.6	Zoology: Cell Biology And Developmental Biology B.Sc. 1 Year	Pradipkumar	75
8	148	571.6	Botany: Cell Biology And Genetics B.Sc. 1 Year	M. B. Kalode, Pradipkumar	70
9	149	588	Botany: Bryophyta And Pteridophyta Cytology B.Sc. 1 Year	M. B. Kalode, Pradipkumar	70
10	150	581	Botany: Angiosperms Systematics B.Sc. 1 Year	M. B. Kalode, Pradipkumar	65
11	647	573.3	Notes For Anatomy	M.M. Shah	150
Total Cost					<b>1050</b>

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

Sr. No.	Library Services	Remark
1	Manuscripts	No
2	Reference Books	369
3	Reprography	Yes
4	ILL (Inter Library Loan Service)	Yes
5	Information Deployment and Notification	Yes, on display board
6	Download	Yes
7	Printing	Yes
8	Reading list/ Bibliography compilation	Yes



9	In-house/remote access to e resources	No
10	User Orientation and awareness	Yes, orientation for student during Principal's address and also through notices, instructions and Library visit.
11	Assistance in searching Databases	Yes
12	INFLIBNET/IUC facilities	No

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

- Library staff is accessible to help students and teachers in finding the books.
- They keep the library noise free.
- Library staff displays the current titles on the display board
- The current journals are displayed on racks
- Department and teachers are informed from time to time.
- The librarian and the staff help them to access information through Open Access to free full-text journals.
- Conducts User Orientation and Information Literacy programmes.
- Books are arranged and labelled according Dewey Decimal Classification (DDC) system.
- Date wise monthly filing of News papers.
- University Question paper Bank is made available for the students and the staff.

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

There are no visually/physically challenged persons till date but there is a provision of hand-to-hand issue of books to the physically challenged 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, the library collects the feedback from its users through feedback form and suggestion box placed in the library. The librarian communicates these feedback and suggestions to the principal and is discussed in the Library Advisory Committee meeting for improvement of the library services.

### 4.3 IT Infrastructure

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

- **Number of computer with configuration (Provide actual number with exact configuration of each available system)**
- **Numbers of computers : 30**  
Including office, Computer Science Department, Library, & all UG departments with following configurations.

#### Computer System Configuration

S. N.	Configuration	Total Nos.
01	Intel Pentium Dual CPU E2180 @2.00 GHz. With 1GB RAM, 100 GB HDD, CRT Colour Monitor, Optical Mouse, Keyboard	10
02	Intel Core i3 -2130 CPU @ 3.40 GHz. With 2 GB RAM, 500 HDD, TFT Colour Monitor, Optical Mouse, Keyboard	10
03	Intel Pentium CPU J2900 @2.41 GHz. With 2GB RAM, 500 HDD, TFT Colour Monitor, Optical Mouse, Keyboard	10

- **Computer-student ratio** : 01:10
- **Stand alone facility** : Available
- **Licensed software** :  
Yes, the Institution is equipped with legal licensed software.
- Library Management System (Lib Soft) Software.
- College Automation System (CAS) Software.

- **Number of nodes/ computers with Internet facility: 25**

- **Any Other**

- **Wi-Fi facility:**

Facility is available in the college premises.

- Number of LCD : 02
- Printer (Laser Printer HP Multipurpose) : 01
- Printer(Laser Printer) : 02
- 3 KVA UPS with 06 Batteries (150 AH) : 01
- Generator : 01
- Xerox Machine : 01

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

- Each department is provided computer system with Internet facility.

- Library is facilitated with computer system and internet.
- Wi-Fi facility is available in the college.
- All computers in computer lab and office are supported with internet facility.
- Computers in the administrative office, principal's chamber and library are in network with LAN.
- The stakeholders have a free access to the college website, [www.rssc.edu.in](http://www.rssc.edu.in)

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

The institute intends to upgrade IT infrastructure and associated facilities by purchasing new hardware and software as and when required.

**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)**

In the annual budget, the college makes provision for procurement / up gradation / maintenance of computers and their accessories.

The budget allocation during the last four years is as below.

Year	2012-13	2013-14	2014-15	2015-16
Budget (In Rs.)	13000	10000	10000	11000

**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?**

The college provides Internet facility to the staff and students. The faculty members provide information and study materials to the students by downloading it from internet. The faculty members prepare power point presentation and study material provided to the students and it is uploaded on college website to make easily available to the students. Faculty members employ modern equipments available in the college such as, LCD Projector and DVD for effective teaching process. The internet facility available to each department and it is used for demonstration of practical, PPTs and video clips.

- The college provides Internet facility to all the staff and students.
- Faculty members prepare teaching/learning materials (power point presentation) using ICT.

- The faculty members teach students through ICT resources like LCD Projector, CDs, and DVD etc.
- Students use internet facility for completion of their curriculum based projects.

**4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching-learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.**

The institution is aware of the fact that with a paradigm shift in teaching learning, student voice has become central to the learning experience and a teacher at best acts as a facilitator. Keeping the students learning at the centre of everything, the college reorients its teachers from time to time and encourages them to undergo training on the computer-aided teaching skills. Well-equipped computer Labs, LCD projector are available to facilitate computer aided teaching and enrich the teaching learning experience. The computer faculty is always available for any need based assistance in the use of ICT.

**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)?**

The budget allocated during the last four years for maintenance and upkeep of the facilities:

Sr. No.	Item	Expenditure (In Rs.)				
		2012-13	2013-14	2014-15	2015-16	Total
1	Building	00	00	00	00	00
2	Furniture	00	00	4260	13842	18102
3	Equipment	280	00	4140	00	4420
4	Computers	12855	7400	9350	8185	37790
5	Vehicles	00	00	00	00	00
6	Any other	73303	61918	68715	99409	303345
	Total	86438	69318	86465	121436	363657

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

Different Committees of college managing committee have the control over the budgeted expenses through Principal. Trust is aware about painting and small repairs; provision is made for yearly expenditures.

- The institution has constituted Campus Maintenance Committee for supervision. The committee has the right to diagnose and give suggestions for developing and maintaining of infrastructure. Accordingly, the institution makes appropriate provisions in the budget.
- The computers, their accessories and major technical equipments, are maintained by hiring professional technicians under maintenance contract
- The College Management and the Principal after the discussion with committee, implements the suggestions about the maintenance of infrastructure. As far as maintenance is concerned, outside vendors are contacted for major repairs and for minor repairs the institution uses its resources.
- For development and automation or improvement in the labs, offices or classrooms the society works on recommendation of staff members and other stakeholders.
- Wear and tear of furniture is maintained properly.
- For the maintenance and minor repairs of furniture and equipments, the parent management approves and allocates the funds.
- The college appoints regular staff and private employee for regular cleaning of campus, toilet, garden, etc.
- Equipments / Instruments / Furniture / Computers etc. which are under warranty repaired by suppliers / vendor / distributors.
- Non-warranty Equipments / Instruments/ Furniture / Computers etc. are repaired by technicians appointed for the maintenance.

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

We have well equipped laboratory. Annual maintenance and repair of the infrastructure is taken care of by the college in a systematic manner. The laboratory equipments are maintained through College development fund and annual grants received either from the parent society or from government. The computers and electronic devices are maintained and repaired through the funds available in the institution under maintenance contract.

The college does not have high level equipments / instrument to be calibrated. But the laboratory instruments / equipments are maintained properly by the staff of the respective department.

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

- Our college has some sensitive equipment but fortunately we are not facing much problem with electricity. The problem of water supply is also solved by local governing body. Presently we are not in need of alternate energy sources.
- UPS systems are attached to computer systems and equipments/instruments for safety purposes.
- Petrol generator of capacity of maximum output 2.4KVA is available for alternative power supply which maintain the regular official work and the constant supply of water.
- UPS systems are attached to computer systems in the computer lab, office and principal office for safety purpose.
- Cleaning of water tanks is carried out by the college non-teaching staff.

**4.4.5 Any other relevant information regarding Infrastructure and Learning Resources which the college would like to include.**

All the information has been covered above.

## 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 college publishes updated prospectus annually. The prospectus includes brief history of the college, Vision and Mission, Academic Calendar, Admission process, Course available, Fee Structure, Reservation for backward classes, Concessions and Scholarships, Awards and Prizes, Admission Committee, Various Committees and their Coordinators, Infrastructure facility including Library and Laboratory, contact numbers of Staff. Brief information about Discipline and Code of Conduct, Vacation and National holidays. Student's achievement and extracurricular activities are highlighted. The college ensures its commitment and accountability by conducting in curricular and co-curricular activities towards holistic development of the students within the frame work of the college.

##### 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?

The college acts as an agency for distributing freeships and scholarships offered by the State / Central Government to eligible students. Information about Scholarships /freeships is mentioned in the college prospectus.

Type of the scholarship: GOI, EBC, Minority, PTC, STC.

**The details of Institutional scholarships /freeships given to the students during the last four years:**

Academic Year	Type of Scholarship	Number of Recipient	No. of Admitted Students	Amount Disbursed	Percentage
2012-2013	GOI	56	121	166567	49.58
	Freeship	01		2970	
	EBC	02		340	
	PTC	01		690	
	<b>Total</b>	<b>60</b>		<b>170567</b>	
2013-2014	GOI	111		347725	
	Freeship	01		3175	
	EBC	00		00	

	PTC	00		00	
	<b>Total</b>	<b>112</b>	<b>180</b>	<b>350900</b>	<b>62.22</b>
2014-2015	GOI	174		510245	
	Freeship	01		2955	
	EBC	00		00	
	PTC	01		810	
	Handicapped	01		3150	
	<b>Total</b>	<b>177</b>	<b>279</b>	<b>517160</b>	<b>63.44</b>
2015-2016	GOI	207		606080	
	Freeship	04		11820	
	EBC	00		00	
	PTC	00		00	
	<b>Total</b>	<b>211</b>	<b>320</b>	<b>617900</b>	<b>65.93</b>

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

The statement of scholarships and other financial assistance received from State Government, Central Government and other national agencies from 2012-2013 to 2015-2016 is as under:

<b>Year</b>	<b>Total Admitted Students</b>	<b>Students Received Scholarships</b>	<b>% of beneficiary</b>
2012-2013	121	60	49.58
2013-2014	180	112	62.22
2014-2015	279	177	63.44
2015-2016	320	211	65.93

**5.1.4 What are the specific support services / facilities available for: Students from SC/ ST, OBC and economically weaker sections:**

- Reservation in admission at entry level.
- Distributing free ships and scholarships to eligible students as per State and Central Government guidelines.
- The college runs competitive exam coaching classes for SC/ST, OBC and economically weaker students.
- The college provides official documents to the students for bus pass.
- **Medical assistance to students:**
- The college has provided “Insurance Coverage” for all the students. Student welfare department of the SGBAU collects Rs.10/- per student through college and provides medical insurance claim. The claim includes Rs.20,000/- for accidental minor injuries and Rs. 2,50,000/- for accidental death. In addition to this, first aid boxes are available in college premises.



Dr Krantisagar Dhole, Dhole Hospital, Chandur Rly is available on emergency call.

- Free medical check-up of students is a regular practice.
- **Students to participate in various competitions / National and International**

Students are encouraged to participate in various academic and extracurricular activities such as seminars, research convention “Avishkar”, science exhibitions, quiz, debates, essay, elocution, and cultural activity. College bears TA and DA to the students for the participation in various academic and extracurricular activities.

- **Organizing coaching classes for competitive exams**  
Career Guidance and Placement Cell organize competitive examination classes and motivational guest lectures for economically backward students. The college library provides books, magazines, news papers and internet facility for the students for preparation of competitive exams.
- **Skill development (Spoken English, Computer Literacy, etc.)**

For the subject of English regular tutorial classes are conducted. Spoken English classes are also organized for the development of communication skill among the students. Department of Computer Science organized computer literacy programmes for the students.

**Support for “Slow Learners”**

Remedial classes are taken for the subject in which students are weak. Problems of these Students regarding academic and personal matters can be solved by “Students Mentor Scheme”.

- The college conducts remedial classes for slow learners.
- Offer counseling to the students by the guardian teacher to resolve his/her problem and help them for their academic improvement.

**Exposure of students to other Institution of higher learning / corporate/ business house etc.**

- Department of Chemistry arranged industrial visit to “Hindustan Lever Pvt. Ltd.” at Khamgaon, Dist. Buldana.
- Organized Botanical excursion at Chikaldara and Mahendri forest for the study of medicinal plants.
- Visited Plant Tissue Culture Laboratory, Department of Biotechnology, Sant Gadge Baba Amravati University, Amravati.
- Zoological study tour was organized at Fish Culture Centre at Baslapur and Field visit is organized at Pohara Malkhed forest.

- Visited Raman Science Centre, Nagpur.
  - Visited Nature Interpretation Centre, Melghat Tiger Project, Semadoh.
  - Organized seminars and guest lectures of renowned faculty.
  - Students participated in intercollegiate competitions.
- Publication of student magazine and newsletter**
- College annually publishes student magazine "Sankalp" and initiative has been taken toward the publication of newsletter.

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

The institute encourages and develops entrepreneurial skills among the students through the conduct of workshop and training programme.

- For promoting eco friendly practice, Department of Chemistry organized practical demonstration for herbal colour preparation during festival of colours (Holi). Students collected flowers of native trees (Palash) *Butea monosperma* and prepared dry powder.
- Department of Botany organized training programme on vermi-composting. Students collected dried fallen leaves from campus and it was disposed into the compost pit for preparation of manure.
- Department of Zoology organized guest lecture on Career Opportunity in Zoology.
- Department of Physics and Electronics organized training programme on mobile repairing (Hardware and Software).
- Job training programme and career oriented workshop conducted by carrier guidance and placement cell in collaboration with N.S.S. unit.
- Yearly industrial visit to various sectors.
- During the festival of Holi, students sold colour bottles outside. Vermi compost is at its budding stage.

**5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular 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
- Any other

To promote participation of students in extracurricular and co-curricular activities, institution has chalked out the policies and

strategies. The college avails services by constituting various committees such as the Sport, Games and Cultural, Nature and Science Club. Through these clubs and committees -

- The college organizes Intercollegiate Volley Ball tournament in college campus.
- Students are motivated to participate in University Level Youth Festival. Every year on an average 20 students participate in various event of this festival.
- We organize annually Sport and Cultural meet
- On event of National Science Day, Birth Anniversary of social reformers and great Scientist different activities are conducted such as quiz, debate, essay writing competition, elocution and group discussion etc.

**Additional academic support, flexibility in examinations-**

- Conduct extra classes for students participating in various sport and cultural activities round the year.
- Incentive marks are given as per the University rules.
- The students are provided time relaxation for the completion of academic assignment and internal assessment.

**Special dietary requirements, sports uniform and materials**

- The Director, Physical Education guides the students about essential intake of nutrients that will keep them fit and strong.
- Provides sports kits, uniform and TA / DA for participation in intercollegiate, University and State Level tournament.

**Any other-**

Cash Prize for best player in sports and games sponsored by Department of Physical Education.

The institution believes in all round development of the students and thus provides facilities essential to promote participation of the students in extra and co-curricular activities including sports.

- Various committees such as sports, Games and Cultural, Nature and Science Club, NSS Unit etc. are formed to promote the students for participation.

**Students are facilitated with**

- Special admission quota for sports.
- Sport kits like Volley ball, Hockey, Kabaddi, Badminton and Cricket.
- Additional fund apart from university allowances.
- Grants leave for sports person as and when required.
- Additional academic support, flexibility in college examination.
- Guide lines for proper intake of nutrients.
- Felicitating students with cash prize.

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

- Career guidance and Placement Cell conduct preliminary classes for competitive exams.
- Competitive Books and Internet facilities are available in the college library.
- Faculties provide constant support and guidance to the students for appearing in various competitive exams.
- Five students are qualified in state services exams.

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

At the time of admission, faculties counsel students and help them in choosing subject group. All faculty members identify slow learners and advance learner and provide guidance to them. Career Counseling Cell organizes Career Guidance programmes in association with Alumni.

Academic, psycho-social and personal counseling of students is a regular practice done by the Teacher Guardian under “Student Mentor Scheme”. The Institution organizes orientation programmes for girl students to resolve the problems they may face with age. NSS conduct various social activities like blood donation camp, eye check up camp, tree plantation, and cleanliness programmes and road safety awareness workshop. etc.

**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).**

The college has career guidance cell which in collaboration with Dheya Study group runs competitive examination classes for college students in the college campus. Students are guided about job opportunities available in different government and private sectors and provided the details of recruitments advertised in the news papers and on online. Students use internet facilities to fill online forms. Till now, no employer is visited to the college campus to interview students.

**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 a Grievance Redressal Cell for students. Students can directly approach the teachers, HODs, Principal to register their grievances.
- To report the grievances suggestion box has been set up in the campus.
- No significant grievance was reported in the last five years.

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

As per the guidelines of the Ministry of Human Resources Development, State Government and our parent University, an Anti-Sexual Harassment Cell has been existing from the last two years with a senior lady teacher as its convener, one lady lawyer, one lady representative each from management and NGO, two senior lady teachers, two non-teaching members, one student representative and two senior male teachers. A Sexual Harassment awareness committee gives special education to girls regarding this issue in the form of lecture and counseling. The committee organizes awareness programme through panel discussion in collaboration with NSS unit. Till now no incident has been reported.

**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. As per the State government and the university directives anti-ragging committee has been constituted.
- The College has a separate Discipline Committee which keeps vigilance.
- Due to the preventing measures taken by the anti-ragging committee, no incident or case has been registered in the institution.

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

- ***“Dr. A.P.J. Abdul Kalam Adoption Scheme”*** is run for providing the financial assistance to needy students.
- **Insurance:** Group Insurance” is provided to all the students.
- **Alumni association** conducts programme for personality development for students who are preparing competitive examination.
- **Health awareness programmes:** Organize Guest lectures for health awareness, annual medical check up camp including Sick Cell Anemia, diabetes and eye checking camp, blood pressure, haemoglobin etc. regularly.

- Distribution of books and other study materials to the needy students by faculty.
- Guardian teacher provides financial help to the economically weak students.

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

Yes, The institution has a registered Alumni Association with the Registration No. Maharashtra/ MH-565/16/Amravati.

**Activities of the Alumni Association.**

- “Goal Setting” a personality development programme was organized on dated 19<sup>th</sup> March 2016.
- Parent- Teacher and Alumni meet is arranged regularly.
- Book distribution programme was conducted.
- Financial help is provided to economically backward students for higher education.
- Teachers’ Day is celebrated every year and on this occasion teachers are felicitated.

**5.2 Student Progression**

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

Student Progression %				
UG to PG	PG to M. Phil.	PG to Ph.D.	Employed	
			Campus selection	Other than campus recruitment
6.7	Nil	Nil	Nil	6.3

**5.2.2 Provide details of the programme wise passing 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.**

B.Sc. III (Result in % for the last 04 years)

Programme	Year	Semester	No. of students Appeared	No. of students Passed	Pass percentage
B.Sc.III	2012-2013	VI	17	12	70.58
	2013-2014	VI	29	25	86.21
	2014-2015	VI	51	19	37.25
	2015-2016	VI	82	53	64.63

Comparison of university result of B.Sc.III Sem.VI with other colleges within the city/district.

Academic Year	Rajarshee Shahu Science College Chandur Rly. (Result in %)	Vinayak Vidnayan Mahavidyalaya Nandgaon Khandeshwar (Result in %)	Late Madan Gopal Mundhada Arts, Com and Ashok Science College, Chandur Railway (Result in %)
2012-2013	70.58	42.86	83.33
2013-2014	86.21	33.33	84.38
2014-2015	37.25	70.00	34.09
2015-2016	64.63	22.22	53.70

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

The college takes initiative to inspire and motivate the students to pursue higher level of education by arranging guest lectures of eminent academicians. Open discussion are arranged by all departments so that the students get chance to interact with the experts who have contributed very meaningfully to their discipline. This can serves guiding light for students to pursue the higher education. Career guidance and placement cell provides information about job opportunities.

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

- Provided remedial teaching to academically weaker students.
- Counseling and Financial help is provided by Guardian, Teacher and alumni association to students who are at risk of failure and drop out.
- Solving the question sets of previous years university examination.
- Personal counseling of the weaker students.
- Conducted remedial classes for slow learners.

### 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.

##### Student Participation at University level Sports and Games: Sports Calendar

Events	2012-2013	2013-2014	2014-2015	2015-2016
Volleyball	-	14 Sep.13	23 Sep.14	4 Sep. 15
Badminton	-	-	-	4-7 Sep.15
Cricket	-	-	-	-
Athletics	6-8 Jan.13	-	-	-
Cross-country	15 Sep.12	15 Sep.13	7 Sep.14	6 Sep.15
Chess	12 Sep.12	12 Sep.13	-	
Kabaddi	6 Sep.12	-	-	4 Sep.15
Boxing	1-3 Oct.12	1-3Oct.13	1-3 Oct.14	-

- Participation of Students in Intercollegiate University level Sports and Games.**

Event	Numbers of Participants			
	2012-2013	2013-2014	2014-2015	2015-2016
Volleyball	-	12	12	12
Badminton	-	-	-	08
Athletic	01	-	-	-
Cross-country	15	15	15	15
Chess	04	04	-	-
Kabaddi	12	12	12	12
Boxing	03	02	02	0

- Youth Festival Participation of Students in Intercollegiate**

Cultural events (University level)	2012-2013	2013-2014	2014-2015	2015-2016
Literary Events	05	03	06	03
Theatre	06	12	12	06
Fine Arts	01	05	05	05

- Participation in Extracurricular Activities (In own and other Institutions)**

Other Events	2012-2013	2013-2014	2014-2015	2015-2016
Avishkar	-	-	-	06
Seminar competition	03	03	03	06
Workshop	-	02	02	-



Debate	01	01	01	01
Quiz	02	02	02	02
Poster Presentation	-	-	-	12

All most all students actively take part in the college Annual Gathering and National Science Day celebrations.

**National Service Schemes:**

Year	No. of students Participated		Activities
	Activities	Camp	
2012-2013	50	25	Tree plantations, Cleanliness drive, Water conservation, Blood Donation Camp, Digging of lavatory tanks, Congress Grass Eradication
2013-2014	50	25	Tree plantations, Cleanliness drive, Water Harvesting Progrmme, Blood Donation Camp, Health checking camp for child and woman, addiction awareness programme. etc.
2014-2015	50	25	Tree plantations, Cleanliness drive, Talk on Female Foeticide, Talk on Global warming, animal health checkup camp. 'Crop Cultivation' for farmers etc
2015-2016	50	25	Tree plantations, Cleanliness drive, Talk on Female Feticide, Talk on Global warming , check dam construction water harvesting ,Yoga and meditation,AIDS awareness Programme etc

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

- Ku. Bhavana Ingle bagged First prize in successive three years (2013-14, 2014-15, 2015-16.) in "Taluka level Swachta Mitra Elocution Competition" Organized by Government of Maharashtra.
- Ku. Roshni Vanjari bagged Third prize in University level Seminar competition in the year 2015-16.
- Mr. Pawan Bhagat bagged Second prize in University level competition Compex -2016 organized by SGBAU-CSTA.

**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?**

College has effective mechanism to seek and use data and feedback from its graduates and employers to improve the growth and development of the institution.

- Feedback proforma is given to the students for evaluation of teacher.
- Feedback is collected from the students and the employers through suggestion box.
- The opinions of the Alumni about institution to be considered for improving the quality aspects.
- The Institution has regular interaction with their employers and uses their feedback to overcome its weaknesses.
- Feedback obtained is analyzed by Principal and IQAC for necessary action to enhance performance and quality of the institutional provisions.

**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.**

- Students are encouraged to contribute and provides the scope to the students to explore their skill. The institution publishes its magazine "Sankalap" every year covering contributions in three languages viz. Marathi, English, Hindi which includes prose, poetry and articles on science and great personalities.
- Weekly Wall Magazine is displayed by Nature and Science Club.
- Newsletter is published from 2015-16 to highlights the curricular and extracurricular activities of students.

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

The college had Student Representative Council (SRC) till academic session 2014-15.

**Selection and Constitution-**

- The Student Council of the college is constituted as per section 40(2) (b) of the Maharashtra University Act 1994.
- Class representatives are nominated, one from each class on the basis of academic merit.
- Two representatives of ladies and one student representative from N.S.S., Games and Cultural activities are nominated. The

secretary of student council is elected from amongst these members.

**Activities and Funding-**

- The maintenance of general discipline and good atmosphere for study.
- It organizes celebrations of Sports and Cultural meet, Teachers day, National Science Day.
- The college provided the financial help for organizing the various activities.

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

Student representative are nominated in various academic and administrative bodies of the institute for encouraging participation of students for planning and development of the college.

Participation of students in various committees is given below.

- Student Council (up to Academic Session 2014-2015.).
- Annual Sport and Cultural Committee.
- National Service Scheme.
- Anti-Ragging Committee.
- Grievance Redressal Cell for sexual harassment.
- Internal Quality Assurance Cell.(Since 2015).
- Nature and Science Club.
- Departmental Association and Club.

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

Institution networks and collaborates with the Alumni through the Alumni meets and keeps interlinking through Whatsapp groups. The college invites the alumni in celebrations of Sports and Cultural meet.

**Any other relevant information regarding Student Support and Progression which the College would like to include.**

- Cash prize for each subject topper.
- Nisarga Sakha Puraskar
- Nisarga Sakhi Puraskar
- Best Student of the year sponsored by the institution.
- Best N.S.S. volunteer award sponsored by faculty.
- Best Library User award sponsored by Librarian.
- Best Player award sponsored by the Physical Education Department.

## 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.?

The vision and mission of the institution is in tune with the objectives of higher education in India.

##### **Vision**

To create brilliancy in science for comprehensive social development adaptable to global competency and to enhance and upgrade socially deprived and marginalized students with the tool of education which inculcates social, moral, ethical values among all strata of rural students.

##### **Mission**

- To create scientific temperament among the students.
- To bring girls in the main stream of education.
- To provide education to the socially backward and rural students.
- To create cultural and cult of social service among the students.
- To make students responsible citizens.

##### **Objectives**

- To develop inquisitiveness in the science education that create scientific attitude among the students.
- To cultivate spirit of national integration, patriotism and secularism among the students.
- To create healthy atmosphere for teaching and learning which make students competent, confident, creative, socially, morally and ethically a good citizen.

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

- Parent management insists and supports to fulfill the vision and mission of the institution by providing road map and guidelines. Principal, IQAC and Faculties are always stepping in together for designing and implementation of policies regarding quality education.

- The Principal executes the academic and administrative matters of the institution. He inspires and motivates the Staff time to time for overall development of the institution. The administrative staffs also work under his supervision for the benefits of stake holders.
- IQAC prepares the strategies for monitoring and evaluation of academic policies and plan.
- Faculty follows the instructions and implements the plan of IQAC for enhancement of quality education.

#### **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 in 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 parent management actively participates in policy decisions, the formulation of action plans and their implementation, in LMC meetings and in reviewing the overall progress.

The principal as the head of the institution bears the responsibility of the smooth functioning of the college, in consultation with the IQAC, the college council, the council of heads with a view to strengthen the culture of excellence. He designs the quality plans and policies, the budget, the audited statements and gets it approved in the meeting of the LMC. The action plans include plans for the improvement of teaching-learning, floating of new programs and providing infrastructural support for the departmental initiatives, research, support services, library and the use of ICT in all transactions, and are targeted towards attaining the college vision and the mission. The entire process involves all the units of the institution.

The Parent Management entrusts leadership to the principal for smooth functioning and imparting the quality education. The management and the Principal meets frequently to take feedback on execution of policies and the action plans. The principal implements policies framed by the management and local managing committee and monitor the progress of the college through review from different Committee members. IQAC coordinator and the heads of departments ensure the effective execution of the policies adopted by the institute. The principal often interacts with stakeholders, alumni for their support

and betterment of the College. To reinforce the culture of excellence, the management keeps improving the infrastructural facilities and necessary resources. The principal motivates the faculty to attend refresher/ orientation/workshops/training programs and to upgrade the academic status to render their services for teaching- learning and overall development of the institution. Students are motivated for their participation and active involvement in inter / intra collegiate activities.

**6.1.4 What are the procedure adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?**

- Institutional administrative and academic policies are planned in the College Council meeting.
- Different committees are constituted for the decentralization of work.
- Each committee takes privilege to undertake its responsibility in proper way.
- Working of committees is monitored by the Principal.
- IQAC plans and monitors academic schedule as per academic calendar.
- The internal academic audit of all the departments is conducted annually.
- Reports of various committees are presented and discussed in the meeting of College Council.
- Suggestions are given by the authority for necessary improvements time to time.

**6.1.5 Give details of the academic leadership provided to faculty by the top management?**

The top management of the institute provides academic leadership by giving the liberty to the Principal and the faculty for the smooth functioning of the College. Principal plays a significant role for the academic excellence of the institute by providing further freedom to faculty members for adoption of its own innovative methods for strengthening teaching learning process. Faculties are also encouraged for acquiring better qualities for development of the institute.

**6.1.6 How does the college groom leadership at various levels?**

The College grooms leadership qualities among the faculties by providing opportunities to work as the convener /coordinator/ member/ programme officer/ organizer of various committees / units / cells and events to prove their organizational skill.

The college deputed non teaching staff members for attending training programme to meet the challenges of administration.

The Student Council members and students' representatives of different committees actively participate in leading the various activities organized inside and outside of college. Regular activities and special camp of N.S.S. unit of College provides a platform to develop leadership qualities amongst the students. Selected students represent the College in various intercollegiate events.

**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 College authority, under the supervision of the Principal, provides freedom to the individual department to decide their distribution of workload, teaching plan, paper setting, and internal assessment. Also autonomy is given to the departments to utilize the allotted budget for departmental growth. Various committees are set-up at the college level with a view to achieve the desired goals of the institution.

**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.**

- Local Management Committee (LMC) comprises of three faculties and one non- teaching staff member is the part of governing body who contributes to take major decisions of the institution.
- Dynamic role of faculty members in IQAC.
- Faculty members plan, co-ordinate and execute the activities of academic and administrative committees. Staff member carry out duties as a part of various statutory bodies constituted by the college.
- The college Council and L.M.C.takes periodic review for better functioning of the institute.
- The Students explore their participative qualities with assigned responsibilities in the organized events.

**6.2 Strategy Development and Deployment**

**6.2.1 Does the institution has a formally stated quality policy? How is it developed, driven, deployed and reviewed?**

Mission and Vision Statement of the institution clearly reflects the quality policy. It is developed to fulfill the demands of higher education of this region. The college has designed its own strategies to

provide the better education to marginalized and deprived section of the society.

**6.2.2 Does the Institution have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.**

Yes, the college has a perspective plan that can be defined as below:

The following aspects are considered in the perspective plan for the general development of the institution.

- To develop academic plan of each department year wise for teaching learning and extension activities.
- To develop the infrastructure and green campus.
- To promote extensive use of ICT in teaching learning process.
- To encourage students for active participation in events and activities reflecting the social responsibility through seminars and workshops.
- To establish linkages, collaboration and MOU with other institutions.
- Skill based certificate courses to be started.
- Expansion of academic faculty at under graduation level.
- Introduction of Post Graduation courses in some subjects.
- Development of research centre.
- Well equipped health center.
- Hostel facilities for the students.
- Infrastructural development with necessary amenities.
- Use of non conventional energy resources.
- Transportation facility for students.
- Digital class rooms.

**6.2.3 Describe the internal organizational structure and decision making processes.**

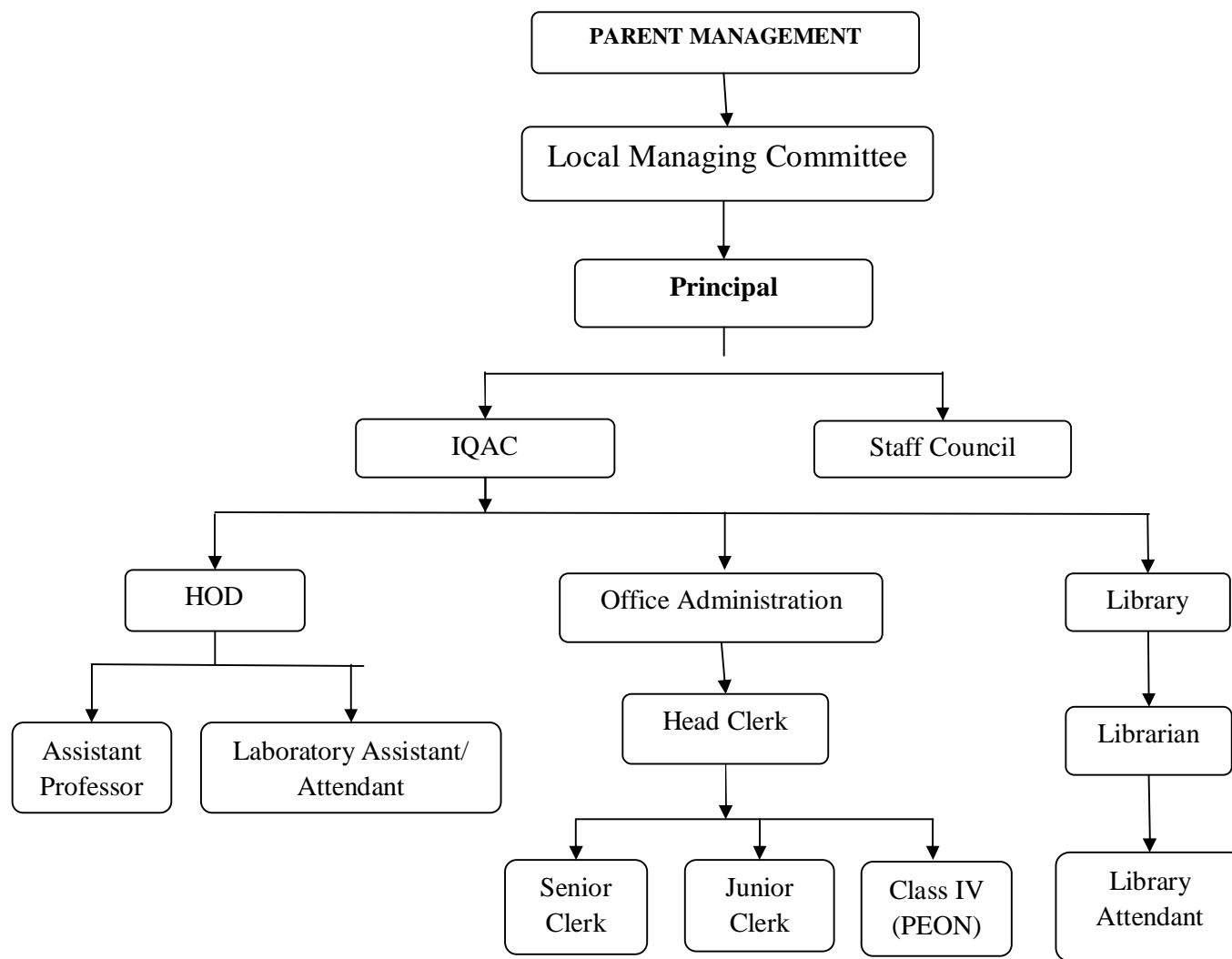
**Internal organizational structure:**

- **Local Management Committee (LMC):** The Local Management Committee established in the institute as per Maharashtra University Act. and its composition includes the President of the parent management as its Chairman, the Principal as its Secretary, four members are nominated, by the management, three teacher representatives, and one non-teaching staff representative.
- **Staff Council:** The principal is its chairman and all regular faculties are its members.
- **IQAC:** The principal is its Chairman a senior faculty is nominated as its coordinator and member secretary, five teachers as members, one representative of the executive council of the parent management, and one member as an



expert nominated by the principal from outside the college and a member of the student/Alumni Association.

- **Students' Council:** The principal is its chairman, one faculty member nominated by the principal, one student from each class who has shown academic merit in UG, one student representative each from NSS, sports and cultural fields, two lady representatives and a General Secretary who is elected from among the student representatives.



**Decision Making Process:**

- The quality enhancement plans, the financial policies and implementation policies are decided by the LMC and IQAC.
- The decisions regarding the academic activities are taken in the college council which are subject to approval of the LMC and IQAC.
- The IQAC plans and suggests the process for implementing the various academic activities.
- The extracurricular activities are planned in consultation with the cultural committee.
- Departmental academic and research activities are planned by the respective head of the department under the guidance of RDBC.
- Parent Management looks after establishment and governance of the institution.
- The staff requirement, quality enhancement plans and financial policies are processed by the LMC.
- The decisions regarding the academic strategies are taken in the college council subjected to approval of the LMC.
- Administrative and academic working of the College is monitored by the Principal.
- The IQAC plans and suggests the process for implementing the various academic activities.
- Departmental activities are planned by the respective heads.

**6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following**

- **Quality improvement strategies of the institute**
- **Teaching & Learning:**

The Time-Table is prepared at the beginning of every academic session and executed accordingly.

- Teaching schedule is followed in accordance with the micro teaching plan and record is maintained in the teacher's diary.
- Chalk and talk teaching learning method supplemented by ICT and other teaching tools.
- Laboratories are equipped to meet the needs to perform experiments.
- Library supports teaching learning process by maintaining sufficient number of text books, reference books, magazines, etc.
- Students' performance is assessed through continuous evaluation such as unit tests, class test, open book test, MCQ test, assignments, seminars and projects.
- Remedial classes meet the need of slow learners.

- Internal academic audit is conducted and suggestions are implemented.

#### **Research & Development:**

- Of the total faculty, sixty percent are doctorate, twenty percent are on the verge of submission, ten percent are research supervisor.
- Three M. Phil and two Ph.D. awardees and four candidates are working for Ph.D. at other places.
- Most of the faculties are engaged in research by attending and presenting their work in the conferences, seminars, etc. and publishing in journals at national and international level.
- Organized state level workshop.
- Arranged lectures of eminent personalities.
- Work for inclusion of College in the list of 2(f) & 12 (B) for getting UGC grants is under process for the development of research facilities.
- Establishment of MoUs and collaborations with various institutes.

#### **Community Engagement and Human Resource Management:**

- Institute as a whole organizes community events like “Samuhik Vivah Sohala” (collective marriage ceremony especially for poor couples) for all sections of society where in students and staff actively participate.
- The College N.S.S. unit undertakes various community activities in which the students are actively participated.
- The individual departments conduct extension activities at their level.
- The faculty members are working with N.G.Os.
- For the recruitment of teaching and non teaching staff, the state government rules, regulations and reservation policies are strictly followed.
- The College monitors the performance of the faculty members. The administration is fully decentralized and functional freedom is given to the head of respective departments. Various committees are constituted to monitor the co- curricular and other activities. The non teaching staff performs their role for the smooth functioning of the institute.

#### **Industry interaction:**

- Industrial visits are arranged for observation of actual working of the manufacturing process.
- Guest lecture are organized for the interaction of student with industry personnel.

**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?**

**Head of the institution takes review frequently**

- The annual report of all administrative and academic activities is placed before the LMC for discussion, suggestions and approval.
- IQAC meets regularly and take review of various committees to improve the institutional quality.
- A feedback is collected from students, parents and alumni through interaction and communicates the reports to the top management.

**6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?**

The management made available adequate infrastructural facilities within a short period without any financial assistance by any other funding agency and from government always remains supportive in carrying out routine business of the college. Encouragement is also given time to time in facing new challenges. For instance, when regular salary was discontinued by the government for no fault of college in the past, the management approached to High Court in justice on its own, rendered financial support to the staff for eleven months. This act not only catered the financial need but boosted the moral of the staff in putting more efforts to increase the effectiveness and efficiency of the institutional processes.

**6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.**

Resolutions of Local Management Committee (LMC) of the academic year 2015-16

- 1 Purchase of books in the library.
- 2 Recommended as early as possible to go for Assessment and Accreditation of college by N.A.A.C.
- 3 Reviewed the progress of the process of appointments of Assistant Professors of Mathematics and Botany.
- 4 Granted the permission to conduct the special N.S.S. camp in second week of January 2016.
- 5 Approved to purchase laboratory equipments and practical material for all the departments as per their requisitions.
- 6 Approved the appointments of clock hour basis (C.H.B.) teachers.

- 7 Recommended to implement directions of the Local Enquiry Committee (L.E.C.) of Sant Gadge Baba Amravati University, Amravati.
- 8 Reviewed the construction work of the new laboratories.
- 9 Approved the list of books to be write-off from the library.
- 10 Permitted the construction work of the Vermicompost Plant and Rain Water Harvesting project in the college campus.
- 11 Budgetary provision for the academic session 2016-17 was granted.
- 12 Decided to open the Vidyarthi Vastu Bhandar and Canteen in the campus.

#### **Status of implementation of resolutions**

- Books for library were purchased.
- Work of S.S.R. preparation was speed up.
- No objection certificate of Joint Director for the recruitment of the posts of Assistant Professors of Mathematics and Botany is pending because of not undergoing assessment and accreditation of the college by N.A.A.C.
- Conducted the special N.S.S. camp in January 2016.
- Purchased laboratory equipments and practical material for the departments.
- Local Inquiry Committee's recommendations implemented.
- All the books that were in the list were removed from the library record.
- Started the construction work of the Vermicompost Plant and Rain Water Harvesting project in the college campus.
- Vidyarthi Vastu Bhandar and Canteen were opened in the college campus.

#### **6.2.8 Does 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?**

No

#### **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?**

The Institution has well established mechanism to attend and resolve the grievances/ complaints effectively through different committees as follows.

- Anti-ragging committee.
- Grievance and Redressal committee for sexual harassment.

- Campus monitoring Committee.
- Appointments as per Right to Information act.
- Student Mentor Scheme.

Stakeholder having any complaints and grievances can approach coordinators of the respective committees. The complaint box is placed in the campus and monitored by the Principal regularly and complaints are forwarded to respective committees for necessary action. Sensitive problems are discussed and resolved in the L.M.C. Meets.

**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?**

Nil

**6.2.11 Does the Institution have a mechanism for analyzing student feed back on institutional performance? If ‘yes’, what was the outcome and response of the institution to such an effort?**

The college has created a well defined mechanism for obtaining the feedback from the students to improve the performance and quality of the institutional provisions. The inputs obtained from them are further used to improve overall competency of the students in positive manner.

The college has feedback committee which collects the feedback forms from the students at the end of the session. The feed back forms contain questionnaires on curriculum, sports, Infrastructure and teachers performance. The Committee submits the forms to the Principal of the college. Principal identifies strength, weaknesses and suggestions after analyzing these feedback forms and communicates to the staff and discuss with the management for quality improvement of the institution. The institution always approaches positively to overcome weaknesses and suggestions.

**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 institution takes efforts to enhance the professional development of teaching and non teaching staff.

- Faculty members are encouraged to attend refresher, orientation courses, training programs and short term courses. (95 % faculty members attended orientation course and 50% refresher course)

- The faculties are motivated to organize workshops/seminars and participate in the conferences, seminars and workshops for updating knowledge of their respective subjects.
- Department of Zoology has organized a State Level Workshop on spider taxonomy for the students.
- Mr.S.A.Wani, Department of Physics, attended “One week training program on Computer interface science” organized by Inter-University Accelerator Centre an autonomous centre of U.G.C. at I.U.A.C. New Delhi.
- Mr.A.N.Khan and Dr.G.B.Santape attended IQAC Accreditation Awareness Workshop Organised by Sant Gadge Baba Amravati University Amravati.
- Mr.S.M. Ambatkar, Lab. Assistant, attended Short-term Course in ‘Administrative Training Program for non teaching staff of group C’ organised by academic staff college Amravati University.
- Mr. P.B. Mankar and Mr. S.M. Ambatkar also attended state level training program on “Prabhavi Mahavidyalaya Prashasan va Gunvata Vikas” organized by Tuljaram Chaturchand Mahavidylaya, Baramati, Dist. Pune.

**6.3.2 What are strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?**

- Newly appointed faculties are urged to attend mandatory orientation, refresher courses.
- Faculty members are encouraged to attend Conferences, seminars, workshops and to publish books and research articles necessary for their academic development.
- Each department is suggested to organize guest lectures of the eminent personalities to make teaching learning process more effective and skilful.
- The College deputed teaching and non-teaching staff to attend training programmes organized at other institution for better administration.

**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.**

- The performance appraisals of teaching staff are collected at the end of every academic year through the format introduced by S.G.B. Amravati University Amravati.
- Academic Performance Indicator (API) is screened and verified by IQAC for further process.



- Self appraisals are considered for promotion of Career Advancement Scheme (C.A.S.) by the management through the L.M.C.
- Performance of non-teaching is evaluated through format issued by the office which is later communicated by the principal to the management.

**6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?**

The Management, after reviewing the performance appraisal reports of the staff; communicate to the concerned staff for the necessary development. The performance of the non-teaching is evaluated on the basis of the feedback from office head and management communicates to the concerned employee for further improvement. Also the Principal evaluates the performance reports of the teaching and non-teaching staff and communicates through meeting to the concerned stakeholder for further improvement.

**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?**

- Medical reimbursement by State Government, 21% of staff has utilized the facility of this scheme.
- Group insurance scheme.
- L.T.C. (Leave travelling Concession) scheme as per the State government norms.
- Management provides festival gifts to the class IV employees.
- Class IV employees are provided free residential accommodation.
- The non-teaching staff is given free uniform of good quality cloths.
- There is a provision of concession in admission to the wards of non teaching staff.
- Financial assistance to the wards of IV class employee in critical situations. Loan deduction facility provided.

**6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?**

As such we don't face this problem as most of the staff members continue to serve the institution till superannuation.

## **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 financial resources available to the institution are:

1. Government Salary grants only.
2. Scholarship grants like free ships and G.O.I. scholarship.
3. Fees collected from students for non grant courses.
4. Management provides for non salary expenditure by giving advances.

The Principal is the authority for monitoring all the financial transactional procedures. For Government salary grants, month wise salary bills statements are maintained. Scholarship grants are maintained by the office. The Principal, H.O.Ds and office staff regularly monitor the requirements of various departments and maintenance of infrastructure. Institute allots the specific amount to each department for chemicals, equipments, books and repair works. Each departmental heads submits requirements to the principal. For the proper use of the fund, quotations are called and prices are compared. Stock registers showing the purchases done on furniture, equipment and chemicals; books, etc. are maintained by office /departments/library respectively. The college maintains separate cash book for different heads. The transaction is supported by vouchers and cashbook.

### **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.**

College has internal and external audit mechanism.

**Internal Audit:-**The yearly internal audit is conducted by a Chartered Accountant appointed by the parent management and is approved in the L.M.C. Internal audit for the session 2015-16 was done on dated 30/07/2016. There were no audit objection.

**External Audit:** Assessment of disbursement of salary grant is carried out by Joint Director of Higher Education Amravati Division Amravati.

### **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 the reserve fund/corpus available with Institutions, if any.**

The major sources of institutional funding are fees collected from students for non grant courses. The deficiency is compensated by

the parent management. The details of audited income and expenditure statement are given below table:

Sr.No	Administrative and Academic activities	
	Audited income	Expenditure
2012-13	8,64,304/-	6,59,001/-
2013-14	9,73,273/-	9,60,525/-
2014-15	8,00,328/-	7,33,422.50/-
2015-16	12,58,995/-	11,56,684/-

**6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).**

Institution is at the budding stage in securing additional funding by cultivation of bio fertilizers.

**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, Institution recently set up Internal Quality Assurance Cell (IQAC). It is constituted as follows

IQAC Committee	
Chairperson	Dr. Suresh S.Thakare
Management Representative	Mrs.Uttaratai V. Jagtap
Co-ordinator	Dr.Gajanan B. Santape
Member	Dr. Ashwin P. Pachkawade
Member	Mr. Aslam N. Khan
Member	Dr. Minal J. Keche
Member	Dr.Ashish D. Bansod
Member	Dr.Mahesh P. Chikhale
Member	Mr. Manoj P. Waghmare
Member	Mr. Sanghpal S. Padhen
Member	Mr. Surendra A. Wani
External Member	Mr.U.S.Sherkar
Non Teaching Representative	Mr.Prashant B. Mankar
Student Representative	Ms.Shubhangi Somnathe

Coordinators are appointed for different sub-committees for decentralization of work.

**Distribution of Criterion**

S.No	Name	Criteria
1	Dr. A.P. Pachkawade	Curricular Aspects
2	Dr. M.P. Chikhale and Mr. S. S. Padhen	Teaching, Learning and Evaluation
3	Mr. S. A. Wani	Research, Consultancy and Extension
4	Mr. M. P. Waghmare	Infrastructure and Learning Resources
5	Dr .A. D. Bansod	Students Support and Progression
6	Dr. M. J. Keche	Governance, Leadership and Management
7	Mr. A.N. Khan	Innovations and Best Practices

The IQAC strives hard to attain and sustain newer heights in academic excellence. For quality enhancement, IQAC play pivot role by planning and implementing the various curricular and co-curricular activities.

- b. How many decisions of the IQAC have been approved by the management / authorities for implementation and how many of them were actually implemented?**

Most of the decisions taken by IQAC are taken into consideration by the parent body and was implemented as and when required for the betterment of the institution, for example, Wi-Fi , well equipped laboratories, furnished class rooms, renovation of library and office.

- c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**

Yes, Mr.U.S.Sherkar has been inducted as an external member of IQAC. He shares his experience and knowledge with students and guides them for career opportunities in the field of Science.

- d. How do students and alumni contribute to the effective functioning of the IQAC?**

IQAC has a student representative as one of the member in the cell for communicating student related grievances that help IQAC to resolve their grievances which contributes in effective functioning of the cell. Also feedback given by the students on different academic and administrative aspects helps IQAC to improve institutional quality. Suggestions from Alumni in the alumni meet are taken into consideration as priority for quality enhancement.

- e. How does the IQAC communicate and engage staff from different constituents of the institution?**

All faculty members are key constituents of the IQAC. The IQAC is responsible for monitoring all the institutional academic processes. IQAC communicates to all Coordinators of various

Committees (like research, discipline, examination, career counselling cell etc.) and all Departmental Heads through notices, e-mails, and personal messages on mobile phones. To overcome short falls observed in the review, IQAC suggest reforms in the benefit of all stakeholders to the administrative body. The college administration, IQAC and management together implement strategies adopted for growth of the institution. The IQAC also maintains a close association with office staff and supports them in administration procedure.

**6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If ‘yes’, give details on its operationalisation.**

The college LMC guides in planning, monitoring and evaluation mechanisms regarding academic and administrative processes. IQAC prepares strategic plans and Calendar at the beginning of each term/year for academic activities. The IQAC meets regularly to take review of academic and administrative matters and to ensure sustenance and enhancement of the quality education as stipulated by the NAAC. Criteria wise committees take all the necessary actions for implementation of the decisions and provide feedback frequently to the IQAC.

**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.**

- Training related to specific use of software for library, operation and uploading of content on the college website.
- Training for non teaching staff with regard to laboratory procedures, safety in laboratory.
- Workshops/ interactive sessions on revised guidelines of UGC and State Government with special reference to filling of PBAS and API forms.

All these steps taken by the college have helped the teachers in marching towards excellence in education.

**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 college IQAC undertakes academic audit at the end of semester. All the outcomes are thoroughly assessed by the college and IQAC. These audits have helped in improving our academic and administrative processes (with regard to teachers’ appraisal, student activities, addition of equipment, books and journals, infrastructure etc.).

**6.5.5 How is the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/regulatory authorities?**

The IQAC collects the data and information that is used to compile the SSR report for submission to NAAC.

**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 outcome?**

- i) Preparation of academic and activity calendar.
- ii) Preparation and execution of teaching plan.
- iii) Time table preparation and daily entry of academic activities in teachers' diary.
- iv) Course curriculum is completed by respective teachers within the time frame.
- v) Periodic review of syllabus in departmental meetings.

**6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders?**

The institution communicates its various quality assurance policies, mechanisms and outcomes, to the various internal and external stakeholders through.

- General staff meetings.
- Special meetings of heads of department.
- Meetings with committee coordinators and other constituents.
- Interaction with administrative staff.
- Notice/ Circulars/ E-mails to respective departments/ units of the college.
- College prospectus and College website.

**Any other relevant information regarding Governance Leadership and Management which the college would like to include.**

- Connectivity of all departments via internet.
- Biometric system for log in and log out of the employees.
- Office Renovation
- Student counters
- Separate Record Room
- Photocopy machine

As the principal is the member of the executive council of the parent society, the college staffs has ample opportunities to discharge the responsibility of conducting various society level functions.

## INNOVATIONS AND BEST PRACTICES

### 7.1 Environment Consciousness

#### 7.1.1 Does the institute conduct Green Audit of its campus and facilities?

The following necessary steps are taken to ensure a clean and healthy environment that aids effective learning.

- Switching off / unplugging fans, lights, computers, printers, electrical & electronic equipments when not in use.
- We have identified all of the light bulbs that are suitable for changing to low energy.
- We invite visitors/guest to give lectures on global warming and saving water.
- We encourage our visitors to consider the Importance of improving and protecting the environment for future generation and invite them to make suggestions about how we might improve our environment.

#### 7.1.2 What are the initiatives taken by college to make the campus eco-friendly?

The college has taken certain initiatives to make the campus eco-friendly by following measures such as energy conservation, use of renewable energy, water harvesting, plantation, waste management, and e- waste management.

All other departments, besides the N.S.S. Department & Eco-Club of the College. The College takes part in the promotion of eco-friendly campus with the above mentioned initiatives and carried out the following activities:

##### **Energy Conservation:**

- Minimum use of electricity by shifting to the CFLs/ LEDs and other Eco-friendly products with star rating in power saving.
- The lights and fans are switched off by students and staff whenever classrooms and laboratories are not in use.

##### **Use of Renewable Energy:**

“Solar Roof top Power Generating System under Net Metering” is installed in the College. This system generates 5KW energy.

##### **Water Harvesting:**

- Rainwater harvesting by roof water collection method is practiced in the College building. The outlets have been let out in to the well to help raise the water table.

- The rain water by the Chemistry department is used as distilled water for experiments thereby saving the electricity needed for distillation of water and water conservation too is maintained.

**Check Dam Construction:**

This activity is not carried out in the college campus, but NSS Unit of the college conduct an awareness programme during NSS residential camp at adopted villages i.e. in Sirajgaon Korde and Songaon.

**Efforts for Carbon Neutrality:**

The College makes the students aware of the Carbon Credits, Carbon Neutrality and its advantages. Plantation in the vicinity of the campus. Recently our college Environmental Conservation Group, through Student Council and student participation has started Green Saturday, to make the campus pollution free by avoiding the use of vehicles once a week.

**Plantation:**

The green ambience of the college is largely due to tree plantation. There are about 75 trees of various kinds in the campus. Trees have nearly covered 2/3 of the college area. They help to maintain the ecosystem. Planting of saplings by the chief guests of various functions evinces the eco-consciousness inherent in the college practices. Planting a large number of trees in the adopted villages is one of the regular features of the N.S.S. Special Camps. Plantation activity carried out by the management and staff members on both side of the road near about half kilometer plantation is done.

**Waste management:**

- Campus is made polythene bag free.
- Use of paper cups in college canteen.
- Vermi – compost by decomposition of plant residues of the campus.
- Science exhibition and guest lectures on environmental issues.

**E-Waste management:**

- Reuse of most of the electronic equipments and other materials wherever possible.
- In addition to the above, our college carries out the following activities (list at a glance)

## **7.2 Innovations**

### **7.2.1 Give details of innovations introduced during the last four years which have created positive impact on functioning of the college.**

The college has introduced following innovative activities which have created a positive impact on the functioning of the college.

**Students Feedback Mechanism:**



Through this mechanism students give their feedback on curriculum, teacher, subject, syllabus and facilities at the end of the year. The college collects the feedback of students and analyzes the data and can understand the progress of student and college function also. By using this information the college tries to solve the problems of students.

**Dr. A.P. J. Abdul Kalam Students Adoption Scheme:**

In our college there is a student adoption scheme namely Dr. A.P. J. Abdul Kalam through college faculty adopts the students who are studying in poor and difficult condition. Almost all the students of our college are adopted by the teachers. If they are economically poor, they have some academic problems and any need of special guidance, the parent teacher takes initiatives to solve their problems. This scheme is very useful for students because in our college many of them belong to poor middle class and rural area and they do not have any academic background.

**Remedial Classes and Question Bank:**

The college has introduced an innovation for the students to improve their quality in education. The college has introduced remedial classes for students. This has helped them cover up their back log. For every subject the type of questions such as long, short and objective, many questions are available in the library in the form of question bank for practice.

**Suggestion and complaint box:**

If students have any problem or any complaint which can be related to academic, administrative, facilities and other complaints which are related to the college or any student want to give suggestion, the students can use suggestion and complaint box. Through this facility we are able to understand the students' problems.

- Systematic filing of news paper clippings in the college library.
- Recently our college Eco-Club, N.S.S. Unit participation has started Green Saturday to keep campus pollution free from vehicles once a week.

**Awards**

Recognition is the best way to motivate and in this direction the college and faculty members have instituted prizes for achievers from teachers in memory of their dear ones.

### **7.3 Best practices**

#### **7.3.1 Elaborate on any two best practices as per the annexed format, which have contributed to the achievements of institute objectives and/or contributed to the Quality Improvement of the core activities of the college.**

**Best practices**

- Total ragging free campus
- Blood donation camp, Eye checking camp every year
- Wi-Fi campus
- Thought for the day are displayed and staff and students assembled for National Anthem, Prayer and Yoga meditation every Saturday throughout the year.
- Vehicle free day.
- Installation of pots by Department of Zoology, Pitcher are installed in the trees in college campus for protecting them from scorching heat of the Sun during summer season and also use for laying the eggs and parental care.
- Earthen Pots are kept at accessible places to quench the thirst of birds.
- Department of Chemistry celebrates Holi by making herbal color.
- Student Mentor Scheme.
- Swachhatamitra Elocution Competition is organized by the college at taluka and district level.
- Cleanliness awareness campaigning at public places.
- Computer literacy to non teaching staff.
- Alumni Association.
- Parent teacher meet.
- Booklet of news paper cutting and display of important notifications in library.
- The office administration is computerized.
- Uniform to students, non-teaching staff.
- Pre admission guidance & counselling for first year students.
- Principal's address in the beginning for freshers.
- Academic audit of departments through IQAC.
- Examinations reforms by open book test and M.C.Q.
- Organization of book exhibitions.
- Wild life week celebration
- Excursion and industrial study tours.
- The college has the practice of greeting guest on various occasions with the sapling plants.
- The institution has started to save the trees one student one tree plantation.
- Eco-friendly Rally is organized by eco club

## Two Best Practices as per format:

### Best Practice I - Tree Plantation

**1. Title of the practice: Tree plantation drives**

These are launched each year (mostly during the monsoon season) by the college with the help of Eco Club. More than one fifty trees, shrubs and flowers plants are grown in an around alone i.e. within 1.5 Km. The college aspires to focus on the overall environment friendliness. It is one of the best practices used to realize the goals of the college. To save the trees and to develop the plantation and bringing Eco-friendly Environment.

- 2. Goal:** The Tree plantation program is the most important and utmost care of every tree is taken. It is an innovative program of the college for eco friendly to develop the trees for the protection of living being.

**Objective of the practice:**

**What are the objectives/intended outcomes of the “best practices” and what are the underlying principles or concepts of these practice. (In about 100 words)**

- The lofty objectives of the college are largely due to tree plantation program there are about 250 trees of various kinds in the campus. Trees have nearly covered one third of the college area. They help to maintain the eco system.

Planting of saplings by the chief guest of various functions, the eco consciousness inherent in the college practices. Planting a large number of trees in the adopted village is one of the regular feature of Eco Club. Trees planted by the eco club on the both sides of the pathways from I.T.I. Campus to Virul Road a distance of 1 Km. Provide shade to the morning walkers. The project of eco club members serves as bio-diversity documentation.

**3. The Context:**

**What were the contextual features or challenging issues that needed to be addressed in designing and implementing these practices.**

The fact that trees play such an important role in keeping the environment pure, holy and clean, the harmful impacts of environment degradation and suggested measures to cope with health problems arising out of the pollution. It is our collective efforts for protecting the environment. Regular watering of the planted trees by the eco club is the routine activity of the college.

**4. The Practice:**

**Describe the practice and its uniqueness in the context of environment.**

Environment awareness program is unique in its context and practice. The tree plantation program is conducted on the eve of birth anniversaries of top management, teaching staff members of the

college and the monitoring is done by the staff of the college by regularly giving water to the plants.

- Save trees and save earth is our moto.
- Trees planted outside the campus are maintained by the non teaching staff members of the college.
- Activities under taken by the students for tree plantation with the cooperation of the staff members.
- The Eco Club in the college identifies the problems of environment which is taught to our every students regarding the mission of our college “save tree save earth”.
- The college has launched green policy for the college. It has been implemented by our Hon. Principal Dr. S. S. Thakare. It provides for converting the campus green by implanting and maintaining a preset number of trees. It also provides for setting the target for saving the energy and fuels for all the staff members. The Eco Club of the college celebrates the days which are related to environment, there by make each college students aware of all energy and environment issues. (Details of green calendar days) and to organize the programme on that day.

**Following are examples of event observed by the college:**

- Events of the green calendar were started with the tree plantation on first July in which 25 saplings were planted in the college campus.
- Students of college and staff members launched a cleanliness drive on 2<sup>nd</sup> October 2015

**5. Evidence of success:**

**Provide evidence of success such as performance against targets and bench marks. Review results. What do these results indicate? (In about 200 words)**

Tree plantation program has been organized on 1<sup>st</sup> July 2014 as our motto of environment is save tree save earth. Awareness program are conducted and environment awareness rally was organized by the college for all the people of the Chandur Rly and it has “slogans, placard”. The outcome of tree plantation is highlighted below:

- Helped to create healthy and pollution free campus.
- Created good rapport with the students of the college as environment protection is the need of the hour.
- Imparted social and moral values.
- Created opportunity for sharing the knowledge and experience of environmentalist, visited the college.
- Students engaged in the tree plantation program enjoy rich rewards of social service as it has enlightened them with the environment friendly attitude.
- Students have been exposed to the environment problems.

- The students have been aware of their responsibilities and commitment to the society regarding how tree are important.
  - The college students have acted as instruments in bringing about social transformation through tree plantation program.
6. **Problems encountered and resources required:**
- The College has found the reluctant involve themselves in the extension activities proposed by the college. Because of tree plantation program it has identify problem of tree plantation where all the trees planted in an out of the campus for the very purpose of making college campus green and clean. As the trees planted face the water problems but our non teaching staff members monitor the trees.

## Best Practice II - Cleanliness Drive

1. **Title of the practice**

The main focus of our college and higher education in our country regarding cleanliness drive is effectively implemented on 2<sup>nd</sup> October. Cleanliness drive is done each and every department of our college in campus. The dustbin has been placed in each and every corner at suitable places. The students groups have been formed and group responsibility is to collect all the waste in the dustbin and properly put it in the garbage, so that from health point of view it should be good.

2. **Objective of the practice**

**What are the objectives/intended out comes of this “best practice” and what are the underlying principles or concepts of this practice. (in above 100 words)**

- To keep pace with the relentless wheel of change and update our society how cleanliness drive is important.
- To make our society aware of the cleanliness that they should know that it is our national duty that we should not spit on any walls, roads or any public places, and should not put waste on the same places. And we should make them aware how we keep our home clean that attitude should be there.
- Mission cleanliness drive is a motto. As it will keep ourselves and society healthy. If we spit and put waste not on proper places, we have to face the diseases which give alarming signals to the big communicable diseases.
- Every step should be in the right direction so that our motto will be achieved.

3. **The Context**

There is a fast changing generation present scene, and need is to make awareness campaign of cleanliness drive which will benefit our society. The college with the help of small groups of students has

launched the cleanliness drive and its main focus is on the students. The groups teach the people travelling in buses as to how cleanliness is important by giving speeches in every bus and how is the people responsibility in keeping the cleanliness wherever they go.

- The demand of our rural based students should be to coped with the society as it is the message which prevents ours society from health hazards.
- Creation of awareness regarding cleanliness drive is the need of the hour for the students and our society.
- Creating an environment in the college for the students how cleanliness drive is important.

**4. The Practice**

**Describe the practice and its uniqueness in the context of Indian higher education what were the constraints/limitations if any, faced.**

The institution provides opportunity to the students group in the off period and after the college hours to collect the dustbin waste from the bus stand and put it in the proper dustbin that are collected by the Nagar Parishad Chandur Rly. The committee under the Chairmanship of the principal actively involves in promoting the cleanliness drive among the staff and students by making the groups for cleanliness. It sets the target for achievement in action plan presented, and making the meeting every week on Saturday. The attainment of the target is reviewed at the end of the academic year.

- Special consideration of visiting the Bus Stand is given to the staff and students.
- The visit to Bus Stand/College campus for monitoring the cleanliness drive.
- The college extends cooperation to the staff to go for cleanliness drive of the Bus stand/ college campus.
- Steps have been taken to have linkage in future with the other N.G.Os for the cleanliness drive
- The Cleanliness drive by the students the group which works best is rewarded.
- Students are provided mask on head, mouth and hand gloves for their safety.

**5. Evidence of success**

Awareness among rural people have been arranged to improve the health status through cleanliness drive.

**Outcomes:**

The service of our volunteer group has yielded satisfactory results. Evidence of success in cleanliness drive in the college campus and bus depot has been gradually improving. The students of the college are

voluntarily working in the specified groups. This practice helps in making the cleanliness drive successful'

The students are also highly motivated for doing innovative projects. Students are also giving a good message to the society and masses.

**6. Problems encountered and resources required**

There are some problems in implementing this practice due to health hazards, however the college manages to recruit the volunteers on cleanliness drive.

**Contact details:**

Name of the Principal: **Dr. S. S. Thakare**

Name of the Institution: **Rajarshee Shahu Science College**

City: **Chandur Railway, District: Amravati (M.S.)**

Pin Code: **444904**

Accredited status: **Cycle-I**

Work Phone: **07222-254111**

Web Site: [www.rssc.edu.in](http://www.rssc.edu.in)

Mobile No.: **9422844149**

E-mail: [rsscprincipal@gmail.com](mailto:rsscprincipal@gmail.com), [principalrssc@edu.in](mailto:principalrssc@edu.in)

### Evaluative Report of Department of Botany

1. Name of the department : **Botany**
2. Year of Establishment : **2008**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., and Integrated Masters; Integrated Ph.D., etc.): UG- **B.Sc.**
4. Names of Interdisciplinary courses and the departments/units involved: **Nil**
5. Annual/ semester/choice based credit system (programme wise): **Semester**
6. Participation of the department in the courses offered by other departments: **Nil**
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:

Post	Sanctioned	Filled
Professors	00	00
Associate Professors	00	00
Assistant Professors	02	01

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M.Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Year of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. Minal J. Keche	M.Sc, Ph.D, B.Ed.	Assistant Professor	Phycology	6 Years	Nil

11. List of senior visiting faculty: **Nil**
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

Academic Year	Total Work Load	Total no of CHB	Percentage of Workload taken By CHB
2011-2012	36	01	19.44
2012-2013	36	01	19.44
2013-2014	36	02	38.88
2014-2015	48	02	29.16
2015-2016	54	03	38.88



13. Student -Teacher Ratio (programme wise):

Year	Programme	Teacher	Students	Ratio
2011 – 12	UG	01	49	45:1
2012 – 13	UG	01	44	53:1
2013 – 14	UG	01	83	78:1
2014 – 15	UG	01	105	102:1
2015- 16	UG	01	112	107:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Staff	Sanctioned	Filled
Lab. Attendant	01	01

15. Qualifications of teaching faculty with D.Sc/ D. Litt/ Ph. D/ MPhil / PG.

Qualification	Ph. D
Number of Permanent faculty	01

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, DBT, ICSSR, etc. and total grants received: **Nil**

18. Research Centre /facility recognized by the University: **Nil**

19. Publications:

a) Publication per faculty

Name of Faculty / Student	No. of Papers Published Journal		No. of Publication listed in International Database		Citation Index	Impact Factor	h-index	S N IP	SJ R
	National	International							
Dr. M. J. Keche	-	03	-	-	-	6.39	-	-	-

Name of Faculty	Chapters in book	Books/journals edited	Books with ISBN/ISSN Number
Dr.M.J.Keche	02	-	978-81905776-105-2

20. Areas of consultancy and income generated: **Nil**

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards: **Nil**

- Life member of Indian Science Congress Association, Kolkata
- Life member of Amravati University Botany Teachers Association.

22. Student projects:  
 a) Percentage of students who have done in-house projects  
 Including inter departmental / programme: **50%**  
 b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ Other agencies: **Nil**
23. Awards / Recognitions received by faculty and students:

Academic Year	Name of Students	Events Seminar /quize/ Workshop /Avishkar
2010-2011	Ku Rohini. R. Hadake	Intercollegiate Seminar Competition On "Conservation of water is Need of the Day" Phulsing Naik Mahavidyalaya, Pusad. Date 4 <sup>th</sup> October 2011
2011-2012	Ku Rohini R. Hadake Ku. Pranali A. Nihatkar	Attended UGC Sponsored Workshop on "Hands on Training in Mushroom Cultivation ". Organized by Shri, Shivaji College Akola. 22 <sup>nd</sup> Dec 2012
2012-2013	Ku. Rohini Hadake	Workshop on Isolation Techniques of Macro-Biomolecules: DNA and Protein March 2 <sup>nd</sup> 2013 Sponsored by Department of Biotechnology Ministry of Science and Technology Government of India Organised by Vidya Bharati Mahavidyalaya, Amravati
2014-2015	Ku. Swati Chunarkar Ku. Komal Basonathe Ku. Pranita Sadmake	Participated in District Level Inter-collegiate Research Festival – Avishkar -2015 Organised By Shri Shivaji Science College Amravati Presented a Project on Vermicomposting By Biodegradable Kitchen Waste.
2015-2016	Ku. Yogita Dongare Ku. Shilpa Tekam Ku. Kajal Madkawade	Presented a Poster on Biopesticide in District Level-Intercollegiate Research Festival Avishkar 2016 Organized by Shri Shivaji Science College Amravati. 7 <sup>th</sup> October 2016

**Students felicitated for scoring highest marks in the subject Botany in University examination of last four years.**

Sr.no.	Academic session	Name of the students
1	2011-12	Ku. Sheetal G. Babar
2	2012-13	Ku. Rohinin R. Hadake

3	2013-14	Ku. Radhika R. Pawase
4	2014-15	Mr. Vaibhav A. Nandeshwar

**Students having distinction in the subject:**

Sr.No.	Academic session	Name of the students
1	2011-2012	Ms. Kanchan Meshram
2	2014-2015	Mr. Vaibhav Nandeshwar
3	2015-2016	Ku. Swati Chunarkar

24. List of eminent academicians and scientists / visitors to the Department:

Sr.no	Eminent academicians and scientists / visitors work place	Field
1	Dr. D. D Khedkar, Assistant Professor Shri Shivaji Science College, Amravati	Molecular Biology
2	Dr. U. J Malode, Associate Professor Department of Botany Jagdamba Arts, Science and Commerce College, Achalpur	Reproductive Biology
3	Dr. M.M Dhore, Associate Professor , Department of Botany Shri Shivaji College, Akot	Plant Taxonomy
4	Dr. D .G Bhadange Principal L.P.G Arts, Commerce and Science College, Shirpur Jain	Plant Taxonomy
5	Dr. S.P Rothe Professor, Department of Botany Shri Shivaji Science College, Akola	Plant Taxonomy
6	Dr. D.V Hande, Associate Professor, Department of Botany Shri Shivaji Science College, Amravati	Mycology

25. Seminars/ Conferences/Workshops organized & the source of funding  
a) National- Nil b) International- Nil

26. Student profile programme/course wise:

Name of the Course/ programme	Year (Session)	Applicati ons received	Selected	Enrolled *M *F		Pass Percentage
B. Sc-III	2011-2012	07	07	2	5	57.14
B. Sc-III	2012-2013	2	2	1	1	50
B. Sc-III	2013-2014	11	11	6	5	90
B. Sc-III	2014-2015	21	21	7	14	75
B. Sc-III	2015-2016	33	33	7	26	75

\*M = Male \*F = Female

27. Diversity of Students: -

Name of the Course	% of students from the same state	% of students from other States	% of students From abroad
B. Sc.	100	0	0

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	10.66
PG to M.Phil.	Nil
PG to Ph.D.	Nil
Ph.D. to Post-Doctoral	Nil
<b>Employed</b>	
*Campus selection	Nil
*Other than campus recruitment	04
Entrepreneurship/Self-employment	04

30. Details of Infrastructural facilities:

S.N	Infrastructural Facilities	Status	
1	Books	Main Library	175
		Library (departmental)	12
2	Internet facilities for staff & student	No. of Computer	1
		No. of Computer with Internet facility	1
3.	Laboratories	No. of Lab :1 Capacity of lab. UG-50,	30x40 sq. ft.
4.	Other	Botanical specimens- (37) Seed bank collection, Herbarium	37

31. Number of students receiving financial assistance from college, university, government or other agencies: 65%

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts. (Year wise arrangement)

Sr. no.	Academic Session	Date	Activity	Expert Name
1	2011-2012	28 <sup>th</sup> Feb	Guest Lecture on “Lac operon” in the	Dr D.D. Khedkar, Assistant Professor

		2012	programme of National Science Day-2012	Department of Botany, Shri Shivaji Science College Amravati
2	2012-2013	28 <sup>th</sup> Feb 2012	Guest Lecture On “Floral Morphology” National Science Day-2013	Dr U.J. Malode, Associate Professor Department of Botany Jagdamba Arts, Comm. and Science College Achalpur
		28 <sup>th</sup> Feb 2012	Organised Poster Competition	Dr U.J. Malode, Associate Professor Department of Botany Jagdamba, Arts, Comm. and Science College Achalpur
3	2013-2014	7 <sup>th</sup> Sept. 2013	One day study tour was organised to Nagthana and Mahendri Forest Warud 7 <sup>th</sup> Sep 2013 for collection of plant	Dr M. J. Keché
		28 <sup>th</sup> Feb. 2014	Seminar Competition National Science Day-2014	Dr M. J. Keché
4	2014-2015	16 <sup>th</sup> Sept. 2014	Informative talk on plant identification.	Prof Dr. D .G. Bhadange Dean and Principal L.P.G Arts, Comm. and Science College, Shirpur Jain
5	2015-2016		Information regarding Enrichment programme of department.	Prof Dr. S.P. Rothe Shri Shivaji Science College, Akola
6		24 <sup>th</sup> Sept. 2015	Botanical study tour to Chikhaldara, and Ethnomedicinal plant garden Sipna Arts, Commerce and Science College Informative talk on economically and endangered medicinal plants and their Conservation	Dr. G.D.Muratkar ,Art ,Comm. and Science College ,Chikhaldara
7		19 <sup>th</sup> Sept.	One Day Study Tour to Gavhan Kund, Warud	Shri Ravi Madve Ravada

8		17 <sup>th</sup> Sept.	Vermicomposting Training Programme.	Shri Atul Belsare, NGO
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33.

Teaching methods adopted to improve student learning	
<ul style="list-style-type: none"> <li>Field study</li> <li>Group discussion</li> <li>Assignment, Project</li> <li>Power point presentation</li> <li>Charts</li> </ul>	<ul style="list-style-type: none"> <li>Class Unit test</li> <li>Seminar, Herbarium preparation</li> <li>Photographic display of Plants, Plant Specimens</li> </ul>

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Life member of Garden Club, Amravati.
- Tree Plantation Programme in Campus.
- Vermicompost Plant
- Seed Collection
- Biopesticide
- Participation in NSS as Assistant Program Officer

35. SWOC analysis of the department and Future plans.

#### SWOC ANALYSIS AND FUTURE PLAN

##### Strengths:

- Equipped and spacious laboratory.
- Botanical garden with variety of medicinal plants available for the study.
- Healthy environment for teaching-learning.

##### Weaknesses:

- Single permanent teacher.

##### Opportunities:

- Skill development in plant taxonomy.
- Extension of subject knowledge up to the farmers of the region.
- To produce meritorious students.
- Enrichment of plant tissue culture.

##### Challenges:

- Getting students with good academic record at the entry level.
- Attending students for their individual counseling.

##### Future Plans:

- To convert vermicompost plant as a source generator through consultancy.
- To start P.G. course.
- To undertake research projects.
- To organize national level events.
- To establish collaborations and MOUs with leading institute.

### Evaluative Report of Department of Chemistry

1. Name of the department : **Chemistry**
2. Year of Establishment : 2008
3. Names of Programmes/Courses offered : UG - B.Sc.
4. Names of Interdisciplinary courses and the departments/units involved : Nil
5. Annual/ semester/choice based credit system (programme wise) : Semester
6. Participation of the department in the courses offered by other departments : Nil
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:

Posts	Sanctioned	Filled
Professors	-	-
Associate Professors	-	-
Assistant Professors	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Year of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. S. S. Thakare	M.Sc., M.Phil., Ph.D.	Principal	Organic Chemistry	30 Years	Awarded:2 Working:4
Dr.A. D. Bansod	M.Sc., Ph.D. B.Ed.	Assistant Professor & Head	Organic Chemistry	6 Years	Nil
Mr. S.S. Padhen	M.Sc., NET	Assistant Professor	Organic Chemistry	5 Years	Nil

No. of temporary faculty (Fix-pay/CHB) : 05

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: (B.Sc. Programme)

Academic Year	% of Lectures delivered	% of Practical classes handled
2012-2013	00	00
2013-2014	20	50
2014-2015	20	50
2015-2016	20	50

13. Student -Teacher Ratio (programme wise):

Year	Course	Teacher	Students	Ratio (Student – Teacher Ratio)
2012-2013	B.Sc.	02	60	1:30
2013-2014	B.Sc.	02	106	1:53
2014-2015	B.Sc.	02	165	1:83
2015-2016	B.Sc.	02	182	1:91

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Staff	Sanctioned	Filled
Administrative staff	01	01
Support staff	01	01

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Qualification	Ph. D	M.Phil	(NET/SET)	M.Sc.
Number of Permanent faculty	02	00	01	-

16. Number of faculty with ongoing projects from  
a) National b) International funding agencies and grants received:

Sr.No.	No. Name of Faculty	Project	Project Topic	Funding Agency	Grants Received
-	-	-	-	-	-

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received :

Sr.No.	No. Name of Faculty	Project	Project Topic	Funding Agency	Grants Received
-	-	-	-	-	-

18.1 Research Centre /facility recognized by the University:

No. of Supervisor	Intake Capacity	No. of Research Lab.	No. of Research students		No. of Ph. D.	
			Registered	Yet to be Registered	Awa rded	Thesis Submitt ed
-	-	-	-	-	-	-



19. Publications:

a) Publication per faculty

Name of Faculty / Student	No. of Papers Published in Journals		No. of Publication listed in International Database	Citation Index	Impact factor	h-index	S N I P	S J R
	National	International						
Dr. S. S. Thakare	04	11	-	18	3.833	02	-	-
Dr. A. D Bansod	05	05	-	45	1.98	04	-	-
Mr. S. S. Padhen	02	05	-	02	3.6	01	-	-

Name of Faculty	Chapters in book having ISBN No.	Books/edited
Dr. S. S. Thakare	08	04
Mr. S. S. Padhen	02	00

20. Areas of consultancy and income generated: Nil

21. Faculty as members in:

a) National committees b) International Committees c) Editorial Boards : Nil

**Life Member of various associations**

- Life member of Indian Science Congress Association, Kolkata
- Amravati University Chemistry Teacher Association

22. Student projects:

a) Percentage of students who have done in-house project including inter departmental/programme.

Course	% of students
B.Sc.	60

b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/Other agencies: Nil

23. Awards / Recognitions received by faculty and students:

- Ph.D. Supervisor recognition-01

Sr. No	Year	Class	Name of students	Venue	Participation
1.	2015-	B. Sc-. I	Mr. Ankit	Shri Shivaji Science	Chem Quiz

	2016		Dhokane Mr. Aditya Madame	College, Amravati	
		B.Sc.-II	Mr. Shubham Somnathe	G.S. Tompe Science College Chandur Bazar	Seminar competition
2.	2014- 2015	B.Sc.-III	Ku. Shubhangi Kene	Dr. R.G. Rathod Science College , Murtizapur	Seminar competition
		B.Sc.-II	Ku. Pranita Sadmke	Mungsaji Maharaj Science College Darwha	Seminar competition
3.	2013- 2014	B.Sc.-I	Ku. Shubhangi Kene Ku. Pranita Sadmke	G.S. Tompe Science College, Chandur Bazar	Chem Quiz
		B.Sc.-II	Mr. Vaibhav Nandeshwar	Rajarshee Shahu Science College, Chandur Rly	Seminar competition
		B.Sc.-III	Ku. Megha Nistane	Dr. R.G. Rathod Science College , Murtizapur	Seminar competition

<b>Felicted to the students of B.Sc. III for scoring highest marks in the subject Chemistry in University Examination.</b>		
1	2010-2011	Ku. Shila Gawai
2	2011-2012	Ku. Shital Babar
3	2012-2013	Ku. Rohini Hadke
4	2013-2014	Ku. Megha Nistane
5	2014-2015	Mr. Vaibhav Nandeshvar
6	2015-2016	Ku. Pranita Sadmake

24. List of eminent academicians and scientists / visitors to the Department:

Sr. No.	Eminent academicians and scientists/ visitors with work place	Field
1	Dr. S. P. Kulkarni	Nuclear Chemistry
2	Dr. P. R. Rajput	Medicinal Chemistry
3	Dr. P. R. Padole	Nano Science
4	Mr. N.H. Bansod	Nano Science

25. Seminars/ Conferences/Workshops organized & the source of funding.

Events	Date Level	Level (I/N/S/R/U/C)	Source of funding	Grant Received
Students Seminar Competition	31/01/2013	University	AUCTA & Parent Management	Rs. 14000/-
Students Seminar Competition	17/09/2016	University	AUCTA & Parent Management	Rs. 17000/-

26. Student profile programme/course wise:

Academic Year	Name of the course/ programme (refer question no.4)	Applica tion received	Selected Applicati on	Enrolled		Pass %
				*M	*F	
2011-2012	B.Sc.III	11	11	3	8	27.27
2012-2013	B.Sc.III	1	1	0	1	100
2013-2014	B.Sc.III	16	16	08	08	93.75
2014-2015	B.Sc.III	27	78	32	46	48.14
2015-2016	B.Sc.III	48	48	13	35	83.33

\*M = Male \*F = Female

27. Diversity of Students: -

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc.	100%	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

NET	SET	GATE	Civil services	Defense Services	PAT	Any other
-	-	-	-	-	-	-

29. Student progression:

Student progression	Against % enrolled
UG to PG	04
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
*Employed-Campus selection	-
*Other than campus recruitment	04
Entrepreneurship/Self-employment	04

30. Details of Infrastructural facilities:

Sr. No	Infrastructural facilities	Particular	Nos.
a)	Library(departmental)	Books	35
b)	Internet facilities for staff & student	No. of Computer No. of Computer with Internet facility	01 01
c)	Laboratories (with capacity)	No. of Lab : UG - 01 Capacity of each lab. : 60	01
d)	Other	HOD Cabin: 01 Store : 01	02

31. Number of students receiving financial assistance from college, university, government or other agencies: More than 50%

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: Seminar organized for the student enrichment programme.

- Organized Intercollegiate Seminar Competition for B.Sc. II students on 31<sup>st</sup> January 2013.

33.

Teaching methods adopted to improve student learning	
Chalk and Talk Method	Projects
Seminars	Group discussion
Charts	Models

34. Participation in Institutional Social Responsibility (ISR) and Extension

• Herbal Colour Preparation	• Cleanliness Drive
• Eye Checking Camp	• Blood Donation Camp

<b>SWOC ANALYSIS AND FUTURE PLAN</b>
--------------------------------------

**Strengths:**

- Qualified, experienced and devoted staff.
- Departmental library.
- Equipped and spacious laboratory.
- Good results.
- Participation of faculty and students in outreach program.

**Weakness:**

- No consultancy services.
- No industrial exposure in the region.
- No research culture.

**Opportunities:**

- To create interest of chemistry to attract talented students.
- To undertake research projects.
- To establish collaborations and consultancy services.
- To percolate the message of eco-friendly environment.

**Challenges:**

- To bridge the gap between the industrial demand and curriculum in order to increase the job opportunities to the students.
- To develop strategic alliances with the national and international institutions to offer carrier oriented courses and collaborative research activities.
- Research on society oriented problems.
- Minimum placement of students from basic sciences.

**Future plans:**

- To enhance employability of science graduates through skill development.
- To organize conferences, workshops, seminars.
- To increase research publications in national and international journals.
- To undertake research projects.
- To establish collaboration and linkages with other research institutes and industries and invite companies for campus interviews.
- To motivate students in large scale to pursue higher education.

### Evaluative Report of Department of Computer Science

1. Name of the department : **Computer Science**
2. Year of Establishment : 2008
3. Names of Programmes / Courses offered : UG-B.Sc.
4. Names of Interdisciplinary courses and the departments/units involved:  
Nil
5. Annual/ semester/choice based credit system (programme wise):

Courses	Pattern
UG	Semester pattern

6. Participation of the department in the courses offered by other departments: Nil
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: (on Contract basic teacher )

Post	Sanctioned	Filled
Professors	00	00
Associate Professors	00	00
Asst. Professors	-	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc

Name	Qualification	Designation	Specialization	No. of Year of Experience
Miss. Rani W. Tayde	B.E.	Fixed pay teacher	Computer Science.	1

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 100%
13. Student -Teacher Ratio (programme wise):

Year	Programme	Teacher	Students	Ratio
2011 – 12	UG	1	71	71:1
2012 – 13	UG	1	59	59:1
2013 – 14	UG	1	73	73:1
2014 – 15	UG	1	113	113:1
2015 -16	UG	1	134	134:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Staff	Sanctioned	Filled
Lab.Attendant	00	00

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. :-  
(contributory teacher)

Qualifications/Faculty	B.E.
Contributory Teacher	01

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, DBT, ICSSR, 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  
a) National committees b) International Committees c) Editorial Boards: Nil
22. Student projects  
a) Percentage of students who have done in-house project including inter departmental/programme:

Course	% of students
UG	60

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/Other agencies:

Agency / field	% of students
Research laboratories	-
Industry	-
Other agencies	-

23. Awards / Recognitions received by faculty and students

**Students Academic Achievements**

- Miss Bhavana Ingle bagged First Prize in Taluka level Swacchhtamitra Elocution Competition in academic session 2013-14 and 2014-15 organised by State Government.
  - Miss Bhavana Ingle participated in District level Swacchhtamitra Elocution Competition.
  - Miss.Roshani Vanjari bagged third prize in intercollegiate Seminar Competition at Adarsh Science Mahavidyalaya, Dhamangaon Railway in academic session 2015-16.
  - Mr. Pawan Bhagat bagged second prize in University level competition Compex -2016 organized by SGBAU-CSTA.
24. List of Eminent Academicians and Scientists / Visitors to the Department:

Sr. No.	Eminent academicians and scientists/ visitors with work place	Field
1	Prof. D. M. Kene, Asst. Professor, Department of Computer Science, Vidya Bharati Mahavidyalaya, Amravati.	Web Technology (Language : Visual basic, Oracle)
2	Prof. Sabale, Asst. Professor, Department of Computer Science, Shri Shivaji Science College Amravati.	Interactive Voice software(computer software)
3	Prof. P.S. Mankar, Asst. Professor, Department of Computer Science, Shri Shivaji Science College, Amravati.	Computer Science.

25. Seminars/ Conferences/Workshops organized & the source of funding

- National
- International – Nil

26. Student profile programme/course wise:

Year	Name of the Course /Program	Application received/ selected	Enrolled		Pass %
			M	F	
2011-12	B.Sc. III	21	13	8	12.00
2012-13	B.Sc. III	13	8	5	84.62
2013-14	B.Sc. III	14	6	8	100
2014-15	B.Sc. III	24	16	8	37.50
2015-16	B.Sc. III	34	16	18	70.59

\*M = Male \*F = Female

27. Diversity of Students: -

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
UG	99.64%	0.35%	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

NET	SET	GATE	Civil services	Defense Services	PAT	Any other
-	-	-	-	-	-	-

29. Student progression

Student progression	Against % enrolled
UG to PG	7.54
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-



<b>Employed</b>	-
<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:

S.N.	Infrastructural facilities	Status	
1	Library (departmental)	Books	145
2	Internet facilities for staff & student	No. of Computer	11
		No. of Computer with Internet facility	11
3.	Laboratories	No. of Lab :01 Capacity of lab. UG-50,	Area - 18.6 x 25
4.	Other	-	-

31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:

- Guest lecture organised on Password Hacking
- Prof. Bhavana Barbudhe, (MCA Department) Nandurkar College Yavatmal, delivered the guest lecture on “Web Designing” on 3<sup>rd</sup> March 2016.
- Conducted the Workshop on “Computer Literacy” for students and non teaching staff.

33.

Teaching methods adopted to improve student learning:	
<ul style="list-style-type: none"> <li>• Chalk and talk method</li> <li>• Field learning method</li> <li>• Question and answer method</li> </ul>	<ul style="list-style-type: none"> <li>• Group discussion</li> <li>• Class seminars , class unit test</li> <li>• PPT method</li> </ul>

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

- Conducted Computer Literacy Workshop for students of Atul Jagtap High School, Chandur Railway.

35.

<b>SWOC ANALYSIS AND FUTURE PLAN</b>
--------------------------------------

**Strengths:**

- Laboratory with sufficient number of working computer systems.
- Battery power backup to run the computer systems without interruption.
- Broad band internet connectivity.
- Students' demanding subject.

**Weaknesses:**

- Unaided and self financing subject.
- No permanent faculty.

**Opportunities:**

- To pursue higher education and job opportunities in IT sector.

**Challenges:**

- To obtain grant-in aid status to the subject.
- To get qualified teachers.

**Future plans:**

- To start hardware course.
- To start job oriented certificate courses.

### Evaluative Report of Department of Electronics

1. Name of the department : **Electronics**
2. Year of Establishment : **2008**
3. Names of Programmes / Courses offered : **UG-B.Sc.**

Course	Year of Establishment
UG-B.Sc.	2008

4. Names of Interdisciplinary courses and the departments/units involved:  
Nil
5. Annual/ semester/choice based credit system (Programme wise):

Course	Pattern
UG-B.Sc	Semester pattern

6. Participation of the department in the courses offered by other departments: Nil
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: (on Contract basis Teacher)

Post	Sanctioned	Filled
Professors	00	00
Associate Professors	00	00
Asst. Professors	00	00

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc

Name	Qualification	Designation	Specialization	No. of Year of Experience
Miss. Rita N. Khandare	B.E.	Fixed Pay Teacher	Electronics & Telecommunication	2

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: 100
13. Student -Teacher Ratio (programme wise):

Year	Programme	Teacher	Students	Ratio
2011 - 12	UG	1	59	59:1
2012 - 13	UG	1	51	51:1
2013 - 14	UG	1	52	52:1
2014 - 15	UG	1	75	75:1
2015 - 16	UG	1	68	68:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Staff	Sanctioned	Filled
Attendant	00	00

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG. :

Qualifications/Faculty	B.E.
Fixed Pay Teacher	01

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, DBT, ICSSR, 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  
a) National Committees b) International Committees c) Editorial Boards- Nil
22. Student Projects  
a) Percentage of students who have done in-house project including inter departmental/programme:

Course	% of students
B.Sc.	67.04

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/Other agencies:

Agency / field	% of students
Research laboratories	-
Industry	-
Other agencies	-

23. Awards / Recognitions received by faculty and students: Nil

**Students Academic Achievements:**

- Ms.Bhavana Ingle bagged first prize in Taluka level Swacchhtamitra Elocution Competition organized by State Government.
- Ms. Bhavana Ingle participated in District level Swacchhtamitra Elocution Competition
- Ms.Vrushali Hatwar students of B.Sc.II participated in Workshop of Basic Electronics & Circuit Design.

24. List of eminent academicians and scientists / visitors to the Department:

S.No.	Eminent academicians and scientists/ visitors with work place	Field
1	Mr.S.A. Rodge Asst. Professor, Department of Electronics, Adarsh Science Mahavidyalaya , Dhamangoan Rly.	Ultrasonic transducer (for medical application)
2	Mr.R.R. Zoting Asst. Professor, Department of Electronics , Mahatma Fuley Mahavidyalaya, Warud	Applied Electronics
3	Mr.K.B. Borkar, Asst. Professor, Department of Electronics,Brijlal Biyani Science College , Amravati	Applied Electronics
4	Dr. N. B. Raut, Associate Professor, Department of Electronics, Vidya Bharti Mahavidyalaya , Amravati	Sensor improvement Per biomedical instrument

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National

b) International :- Nil

26. Student profile programme/course wise:

Year	Name of the course/ Program	Applicati on received	selected	Enrolled		Pass %
				M	F	
2011-12	B.Sc.	14	14	13	01	83.33%
2012-13	B.Sc.	31	31	22	09	83.33%
2013-14	B.Sc.	23	23	12	11	38.10%
2014-15	B.Sc.	24	24	16	08	83.33%
2015-16	B.Sc.	21	21	10	11	38.10%

\*M = Male \*F = Female

27. Diversity of Students: -

Name of the Course	% of students from the same state	% of students from other states	% of students from abroad
UG-B.Sc.	100	Nil	Nil

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, defence services, etc. ?:

NET	SET	GATE	Civil services	Defense Services	PAT	Any other
-	-	-	-	-	-	-

29. Student progression:-

Student progression	Against % enrolled
UG to PG	3.84%
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
<b>Employed</b>	-
<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:-

S.N	Infrastructural facilities	Status	
1	Books	Main library	67
2	Internet facilities for staff & student	No. of Computer	-
		No. of Computer with Internet facility	-
3.	Laboratories	No. of Lab : 1 Capacity of lab. UG-50,	18.6x25
4.	Other	-	-

31. Number of students receiving financial assistance from college, university, government or other agencies: Nil

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts:

**Following student enrichment programmes (special lectures / workshops / seminar) with external experts:-**

Mr.S.A.Rodge, Department of Electronics, Adarsh Science Mahavidyalaya, Dhamangoan Rly delivered a guest lecture on “Application of Electronics” on 8<sup>th</sup> March 2016.

33. Teaching methods adopted to improve student learning:

1	Chalk and talk method	4	Group discussion
2	Interactive learning method	5	Class seminars , class unit test
3	Question and answer method	6	PPT method

34. Participation in Institutional Social Responsibility (ISR) and Extension activities:- Nil

35.

<b>SWOC ANALYSIS AND FUTURE PLAN</b>
--------------------------------------

**Strength:**

- Independent equipped laboratory.

**Weaknesses:**

- Unaided and self financing subject.
- No permanent faculty.

**Opportunities:**

- Job opportunities in the industries and telecommunication departments.

**Challenges:**

- To obtain grant-in aid status to the subject.
- To get qualified teachers.
- To get adequate number of students to run the subject.

**Future plans:**

- To start job oriented certificate courses.
- To promote self employment.

### Evaluative Report of Department of Mathematics

1. Name of the department : **Mathematics**
2. Year of Establishment : 2008
3. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.);

Course	Programme
Year of Establishment	2008

4. Names of Interdisciplinary courses and the departments/units involved: Nil
5. Annual/ semester/choice based credit system (programme wise):

Courses	Pattern
UG	Semester

6. Participation of the department in the courses offered by other departments: Nil
7. Courses in collaboration with other universities, industries, foreign institutions, etc.: Nil
8. Details of courses/programs discontinued (if any) with reasons: Nil
9. Number of Teaching posts:

Posts	Sanctioned	Filled
Professors	-	-
Associate Professors -	-	-
Assistant Professors -	02	Nil

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.):

Name of the faculty	Qualification	Designation	Specilization	No. of Years of Experience
Dr. R.M. Korpe	M.Sc., B.Ed., M.Phil., Ph.D.	CHB	Integral Transform	05
Mr. P.R. Deshmukh	M.Sc., B.Ed.	CHB	-	03
Ku. A.D. Vishwakarma	M.Sc.	CHB	-	02
Mr. A.D. Dodani	M.Sc	CHB	-	01
Ku.P.D. Bhongade	M.Sc	CHB	-	01

11. List of senior visiting faculty: Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty: NA



13. Student –Teacher Ratio (programme wise):

Year	Programme	Teacher	Students	Ratio (Student – Teacher Ratio)
2011-12	UG	02	44	1:22
2012-13	UG	02	28	1: 14
2013-14	UG	02	44	1:22
2014-15	UG	02	100	1:50
2015-16	UG	03	138	1:46

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled: Nil

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG:

Qualifications	Ph. D.	M.Phil.	M.Sc. (NET/SET)	M.Sc.
Number of Permanent faculty	-	-	-	-

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, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University: Nil

19. Publications:

a) Publication per faculty / student:

Name of Faculty	No. of Papers Published National		No. of Publication listed in International Database	Citation Index	Impact factor	h-index	S N I P	SJR
	National	International						
Dr. R.M. Korpe	3	7	-	7	0.675	01		

b) Other Publication by Faculty:

Name of Faculty	No. of Paper Presented on Conference /Workshop /Seminar,etc.	No. of Conference / Workshop / Seminar, etc. attended	Chapters in book	Books/ journals edited	Books with ISBN/ ISSN number
Dr. R.M. Korpe	02	01	-	-	-

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

- a. National committees b) International Committees c) Editorial Boards: Nil
22. Student projects:  
a. Percentage of students who have done in-house projects including inter departmental/programme.

Course	% of students
UG	Nil

- b. Percentage of students placed for projects in organizations outside the institution i.e.in research laboratories/Industry/other agencies: Nil
23. Awards/ Recognitions received by faculty and students: Nil

**Students Academic Achievements:**

Ms.Mohsina Pathan and Shoeb Akhtar participated in University Level Seminar Competition held at Adarsh Mahavidyalaya, Dhamangaon Rly.

24. List of eminent academicians and scientists/ visitors to the department:

S.No.	Eminent academicians and scientists/ visitors with work place	Field
1	Dr. V. J. Gaikwad	Relativity

25. Seminars/ Conferences/Workshops organized & the source of funding:

Event	Date	Level I/N/S/R/U/C)	Source of finding	Grant received
-	-	-	-	-

26. Student profile programme/course wise:

Year	Name of the Course /programme	Applications Received	Selected Enrolled		Pass percentage
			*M	*F	
2011-12	B.Sc-III	06	04	02	00
2012-13	B.Sc-III	01	01	00	100
2013-14	B.Sc-III	11	03	08	99
2014-15	B.Sc-III	07	03	04	100
2015-16	B.Sc-III	28	13	15	99

27. Diversity of Students:

Name of the Course	% of students from the same state	% of students from the other state	% of students from the abroad
UG	98%	2%	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

Student progression	Against % enrolled
UG to PG	8.30
PG to M. Phil.	-
PG to Ph.D. PG to Post- Doctoral	-
Employed - Campus selection Other than campus recruitment	-
Entrepreneurship/Self-employment	-

30. Details of Infrastructural facilities:

S.No	Infrastructural facilities	Status	Nos.
a	Library		137
b	Internet facilities for staff & student	No. of Computer: No. of Computer with Internet facility:	Nil Nil
c	Class room with ICT facilities	No. of Printer:	Nil
d	Laboratories (with dimension and capacity)	-	-
e	Other -	-	-

31. Number of students receiving financial assistance from college, university, government or other agencies: 60%

32. Details on student enrichment programmes (special lectures / workshops /seminar/educational tour/ industrial visit/ etc.) with external experts

Dr.Vidya J. Gaikwad, Assistant Professor, Shri Shivaji Science College, Amravati delivered a lecture on “Application of Mathematics” on 26<sup>th</sup> February 2016

33.

Teaching methods adopted to improve student learning	
<ul style="list-style-type: none"> <li>Chalk and Talk Method</li> <li>Seminar</li> <li>PPT</li> </ul>	<ul style="list-style-type: none"> <li>Group discussion</li> <li>Unit Test</li> </ul>

34. Participation in Institutional Social Responsibility (ISR) and Extension activities: Nil

35.

<b>SWOC ANALYSIS AND FUTURE PLAN</b>
--------------------------------------

**Strengths:**

- Consistent good results.
- Qualified CHB teacher.

**Weakness:**

- No permanent faculty.
- Marginally passed majority students seek admission.

**Opportunities:**

- To recruit efficient and dedicated teachers.
- To make students competent for the recruitments in the sector like BARC as it is one of the most demanding subject.

**Challenges:**

- To boost the students for higher education to meet the scarcity of teachers in higher education.

**Future plans:**

- To recruit a permanent faculty.
- To establish Mathematical Laboratory.

### Evaluative Report of Department of Physics

1. Name of the department : **Physics**
2. Year of Establishment : **2008**
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):

Programme	Course	System
U.G.	B.Sc.	Semester

6. Participation of the department in the courses offered by other departments : **Nil**
7. Courses in collaboration with other universities, industries, foreign institutions, etc. : **Nil.**
8. Details of courses discontinued with reasons : **Nil**
9. Number of teaching posts

Designation	Sanctioned	Filled
Professors	Nil	Nil
Associate Professors	Nil	Nil
Asst. Professors	02	02

10. Faculty profile with name, qualification, designation, specialization,

Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided
Dr.A.P. Pachkawade	M.Sc., Ph.D.	Assistant Professor and Head	Communication Electronics	09	-
Mr.S. A. Wani	M.Sc., NET.	Assistant Professor	Acoustics and Digital Electronics	03	-

11. List of senior visiting faculty :

List of visiting faculty during affiliation of the college:-

- Dr. D. S. Dhote, Dean of Science Faculty (2009 – 2010), Amravati.
- Dr. Y.B. Gandole, Adarsh Science Mahavidyalaya, Dhamangaon Rly Dist.Amravati.

- i) Percentage of lectures delivered and practical classes handled by temporary faculty:

Year	Total work load	No. of C.H.B	Work load of C.H.B.	% Classes handled by C.H.B.
2012-13	48	02	14	29.16
2013-14	63	02	14	22.22

2014-15	87	03	21	24.13
2015-16	102	04	28	27.45

12. Student -Teacher Ratio (Programme wise) :

Course	Year	Teacher	Students	Ratio (Student – Teacher)
B.Sc.	2011- 2012	02	72	72 : 2
B.Sc.	2012 - 2013	01	76	76 : 1
B.Sc.	2013 - 2014	02	97	97 : 2
B.Sc.	2014 - 2015	02	173	173 : 2
B.Sc.	2015- 2016	02	206	206 : 2

13. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Post	Sanctioned	Filled
Laboratory Assistant	-	-
Laboratory Attendent	01	01

14. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.:

Qualification	D.Sc	D.Litt	Ph.D.	M. Phil.	NET/ SET	PG
Number of permanent faculty	-	-	01	-	01	-
Number of Temporary faculty	-	-	-	-	-	02

15. Number of faculty with ongoing projects from a) National

b) International funding agencies and grants received : Nil

16. Departmental projects funded by UGC etc. and total grants received : Nil

17. Research Centre /facility recognized by the University : N.A.

18. Publications:

a) Publication per faculty

Name of Faculty /Student	No. of Papers Published in Journals		No. of Publication listed in International Database	Citation Index	Impact factor	h-index	SNIP	SJR
	National	International						
Dr. A.P. Pachkawade	08	06	-	-	5.23	-	-	-
Mr.S.A.Wani	-	03	-	-	4.43	-	-	-

Areas of consultancy and income generated : Nil

19. Faculty as members in a) National committees

b) International Committees c) Editorial Board : Nil

20. Student projects: - Projects are given to the students of B.Sc.-III year as per university programme.

a) Percentage of students who have done in-house projects including inter departmental /programme :

Course	Year	No. of Students assigned project	% of students submitted Projects
B.Sc. Final	2011 - 2012	13	100 %
	2012 - 2013	13	100 %
	2013 - 2014	18	100 %
	2014 - 2015	31	100 %

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories : Nil

21. Awards / Recognitions received by faculty and student :

Faculty/ Students	Awards / Recognitions
Miss. Bhavna Ingle ( Student )	First Prize in Swachtamitra Elocution Competition at Taluka level.

22. List of eminent academicians and scientists / visitors to the department.

Sr. No.	Visitors Name	Designation	Field/ Specialization
1	Dr. B. H. Pawar	Professor, Dept. of Physics, SGBAU, Amravati	Laser and its Applications
2	Dr. S. H. Behere	Professor , Department of Physics, Dr.Babasaheb Ambedkar Marathawada University, Aurangabad	Spectroscopy
3	Dr. M. D. Sirshat	Professor , Department of Physics , Dr. Babasaheb Ambedkar Marathawada University, Aurangabad	Nanotechnology
4	Dr. F. C. Raghuvanshi	Dean of Science Faculty SGBAU. Amravati	Gas Sensor

23. Seminars/ Conferences/Workshops organized & the source of funding  
a.National: Nil                      b. International : Nil

24. Student profile programme/course wise:

Name of the Course/ programme	Year	Applications received	Selected	Enrolled		Pass percent age
				Male	Female	
B.Sc. III	2011- 2012	27	27	19	08	25.93
	2012 – 2013	13	13	08	05	100.00
	2013 – 2014	18	18	08	10	94.44
	2014 – 2015	31	31	23	08	38.71
	2015 – 2016	49	49	28	21	87.76

25. Diversity of Students :

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.Sc. ( from 2013 to 2016)	98 %	2%	0%

26. How many students have cleared national and state competitive examinations : Nil

27. Student Progression

Student progression	Against % enrolled
UG to PG	5
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	-
• Campus Selection	-
• Other than campus recruitment	-
Entrepreneurship / Self – employment	1

28. Details of Infrastructural facilities

- Library : a. Departmental : 25 b. Main: 202
- Internet facilities for Staff & Students : YES
- Class rooms with ICT facility : NO
- Laboratories : One laboratory of size 30 X 40 Sq. ft. with attached dark room of size 20 X 10 Sq. ft.

29. Number of students receiving financial assistance from College, University, Government or other agencies:

- Students are receiving financial assistance from the Government in the form of GOI Scholarship/ free ship / concession.-- 65%

30. Details on student enrichment programmes with external experts:

- a) Guest Lectures :



Sr. No.	External Experts	Designation/field	Topic
1	Dr. B. H. Pawar	Professor, Dept. of Physics SGBAU, Amravati	Laser and its Applications
2	Mr.K. K. Hurde	Head, Department of Physics, Mungsaji Maharaj College, Darhva	Semiconductor
3	Dr. S. S. Kavar	Head, Department of Physics, Dr. R. G. Rathod Science College Murtijapur Dist. Akola.	Nanotechnology
4	Dr.P.A.Nagpure	Assistant Professor, Shri Shivaji Science College, Amravati.	Planetary Motion

b) Students Participation:

Sr. No.	Name of the students	Programme	Place
1	Ku. Khushbu Patriya Ku. Lochana Pande	Seminar competition	Bhartiya Mahavidyalaya Amravati
2	Ku. Vrushali Hatwar	Workshop on Basic Electronics and Circuit Design	Matoshri Nanibai Gharphalkar Science College Babhulgaon

33. Teaching methods adopted to improve student learning:

<ul style="list-style-type: none"> <li>Lecture Method</li> <li>Question-Answer Method</li> <li>Practical Demonstration</li> <li>Power Point Presentation</li> </ul>	<ul style="list-style-type: none"> <li>Group Discussion</li> <li>Poster Presentation</li> <li>Seminar</li> <li>Educational Tour</li> </ul>
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34. Participation in Institutional Social Responsibility (ISR) and Extension activities:

<ul style="list-style-type: none"> <li>Visit to 'Old Age Home' at Bhankhed, Amravati.</li> <li>Blood donation camp</li> <li>Tree plantation</li> <li>Swach Bharat Abhiyan</li> </ul>	<ul style="list-style-type: none"> <li>Samuhik Vivah Sohala</li> <li>Environment Awareness rally</li> <li>NSS Camp</li> </ul>
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## SWOC ANALYSIS AND FUTURE PLAN

### **Strengths:**

- Spacious and equipped laboratory
- Separate darkroom to perform experiments.
- Two permanent teaching faculty members.
- ICT facilities available.

### **Weaknesses:**

- Less than average students seek admission.
- English Language writing and understanding is the major problem of the students.
- Graduation based job opportunities are very less.

### **Opportunities:**

- Improvement in the scientific attitude.
- To produce substantiate students in education field.
- Students can explore their hidden talent by participating in curricular and Co-curricular activities.

### **Challenges:**

- Motivating students to overcome their inferiority complex due to English Language and to make them stand in the stream of competitive world.
- To produce meritorious students.

### **Future Plans:**

- To enrich ICT Facility.
- To start job oriented diploma/certificate course.
- To organise workshop/conference.
- To undertake research projects.

### Evaluative Report of Department of Zoology

1. Name of the department : **Zoology**
2. Year of Establishment : **2008**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Course	Programme	Year of Establishment
UG	B.Sc.	2008

4. Names of Interdisciplinary courses and the departments/units involved  
Course Name: **Nil**
5. Annual/ semester/choice based credit system (programme wise)

Courses	Pattern
UG - B.Sc.	Semester pattern

6. Participation of the department in the courses offered by other departments: **Nil**
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:

Teaching Posts	Sanctioned	Filled
Professors	00	00
Associate Professors	00	00
Assistant Professors	02	02

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name of the faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
Dr. M.P. Chikhale	M.Sc., B.Ed., Ph.D.	Head and Assistant Professor	Mammalian Reproductive Physiology	06	-
Dr. G.B. Santape	M.Sc., Ph.D.	Assistant Professor	Animal Physiology	07	-

11. List of senior visiting faculty: **Nil**

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty :

Academic Year	% of Lectures delivered	% of Practical handled
2015-16	44.44	16.66
2016-17	22.22	16.66

13. Student –Teacher Ratio (programme wise):

Academic Year	Programme	Teacher	Students	Ratio
2011 – 12	UG – B.Sc.	02	45	23:1
2012 – 13	UG – B.Sc.	02	44	22:1
2013 – 14	UG – B.Sc.	02	83	42:1
2014 – 15	UG – B.Sc.	02	105	53:1
2015-16	UG – B.Sc.	02	107	54:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled:

Staff	Sanctioned	Filled
Lab. Attendant	01	01

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil/PG.

Qualifications of teaching faculty	Ph. D.
Number of permanent faculty	02

16. Number of faculty with on-going projects from a) National b) International funding agencies and grants received: Nil  
 17. Departmental projects funded by DST-FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil  
 18. Research Centre /facility recognized by the University: Nil  
 19. Publications::

Name of Faculty	No. of Papers Published		No. of Publications listed in International Database	Citation Index	Impact Factor	h-index	i-10 index	S N I P	S J R
	National	International							
Dr. M.P. Chikhale	1	10	-	12	5.121	2	1	0.77	0.288
Dr. G. B. Santape	1	7	-	12	4.438	2	1	-	-

20. Areas of consultancy and income generated: Nil  
 21. Faculty as members in a. National committees b) International Committees c) Editorial Boards

Name of Faculty	Editorial Boards	University Committees (BOS/MC/ Senate /LEC/ etc.)	Any other Committee
Dr. M.P. Chikhale	-	-	Founder Member, Indian Society of Arachnology
Dr. G. B. Santape	Executive editorial member of the Bioinfo Publications , International Journal of Zoology Research	-	Founder Member, Indian Society of Arachnology

**22. Student projects:**

**a. Percentage of students who have done in-house projects including inter departmental/programme:**

Academic Year	Name of the course/Program	% of students
2011-12	UG – B.Sc.	57.77
2012-13	UG – B.Sc.	38.63
2013-14	UG – B.Sc.	43.37
2014-15	UG – B.Sc.	60.00
2015-16	UG – B.Sc.	57.94

**b. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies:**  
Nil

**23. Awards/ Recognitions received by faculty and students:**

**Faculty:** Dr.G.B.Santape received “*Bharat Gaurav Award*” from India International Friendship Society (NGO), New Delhi.

**Students Academic Achievements and participation:**

Academic Year	Name Of students	Seminar/Quiz/Aptitude Test/ Competition/ Avishkar etc.
2 <sup>nd</sup> March 2013	Miss. Kishori D. Rathod	Attended the workshop on isolation techniques of Macro-biomolecules; DNA & Proteins at Vidya Bharati Mahavidyalaya, Amravati, M.S.
27 <sup>th</sup> Feb. 2015	Ku. Komal M. Basonathe	State level student Seminar Competition ‘ <i>Scientiliation</i> ’ -2015 at Jankidevi Bajaj College of Science, Wardha
26 <sup>th</sup> October 2015	Ku.Pratiksha M. Pokale Ku. Roshni V. Wasnik.	District Level Inter-collegiate Research Festival, Avishkar - 2015, Sant Gadge Baba Amravati University, Amravati.
3 <sup>rd</sup> Feb.	Ku. Bhavna D. Raut	Attended State Level Poster

2016	Ku. Yogita V. Yadav Ku. Shruti Deshmukh Ku. Payal Deshmukh Ku. Ankita Gajbhiye Ku. Arati H. Dadmal	Competition ' <i>Scientifia</i> ' at Jagdamba Mahavidyalaya, Achalpur. Dist. Amravati
28 <sup>th</sup> Feb. 2016	Ku. Bhavana D. Raut	Bagged First Prize in Poster Presentation, NSD-2016
28 <sup>th</sup> Feb. 2016	Ku. Kajal J. Madkwade	Bagged First Prize in Model exhibition, NSD-2016
10 <sup>th</sup> March 2016	Ku. Pratiksha M. Pokale	One day State Level Workshop for students on Spider Taxonomy, At Rajarshee Shahu Science College, Chandur Rly
Feb. 2016	Ku. Shruti Deshmukh Ku. Kalyani Jalit Ku. Priya Karwade Ku. Pranjali Savalikar Ku. Yogita V. Yadav	Participated in the General Knowledge Exam. ' <i>Bio-Genius</i> ' organized by Department of Zoology, Govt. Vidarbha Institute Science and Humanities, Amravati.

**Felicitated to the students of B.Sc. III for scoring highest marks in the subject Zoology in University Examination.**

Sr.No.	Academic Year	Name of student
1	2010-11	Ku. Shila Gawai
2.	2011-12	Ku. Shital Babar
3.	2012-13	Ku. Rohini Hadke
4.	2013-14	Ku. Megha Nistane
5.	2014-15	Mr. Vaibhav Nandeshwar

**Students having distinction in the University Examination:**

Academic Year	Name of the students
2011- 2012	Ku. Shital Babar
2013 - 2014	Ku. Megha Nistane, Mr. Sachin Narnavare Ku. Radhika Pawase
2014 – 2015	Mr. Vaibhav Nandeshwar
2015 - 2016	Ku. Shubhangi Somanathe

**24. List of eminent academicians and scientists/ visitors to the department:**

S.No.	Eminent academicians and scientists/ visitors with work place	Field
1	Dr. Jayant Wadatkar, Secretary, W.E.C.S., Amravati,	Wildlife Expert
2	Mr. Sawan Deshmukh Bharatiya Mahavidyalaya, Morshi.	Ornithologist
3	Dr. Pravin Joshi, Amolakchand College,	Herpatologist

	Yavatmal.	
4	Dr. Dilip Hande, Shivaji Science College, Amaravati.	Mycologist
5	Dr. G. N. Vankhede, Professor and Head, Department of Zoology, .SGBA University, Amravati.	Archanologist
6	Dr. J. B. Sabnis Ex. Head Of The Department of Zoology V.M.V., Amravati.	Zoologist
7	Dr. Atul Bodkhe, J.D. Patil Sangludkar Mahavidyalaya, Daryapur.	Archanologist
8	Mr. Nandkishor Dudhe, Project Officer, Environmental Education Centre, Pune	Environmentalist
9.	Miss. Ninu Somraj, Deputy Conservator of Forest, Forest Department, Government of Maharashtra , Amravati.	IFS
10	Mr. Promad Mishal, Programme officer, NavjivanVikas Society, Amravati	Social Worker
11	Mr. Ajay Kulthe, Project Officer,NavjivanVikas Society, Amravati	Social Worker
12	Dr. Milind Shirbhate, Shankarlal Khandelwal College Akola.	Archanologist
13	Dr. Archana Amle, R.L.T. College, Akola	Archanologist
14	Dr. R. G. Jadhav, Head , Department of Zoology , Shri Shivaji Science College, Amravati	Toxicologist
15	Dr. Rajiv Gulhane, Associate Professor, Innani Science College, Karanja Lad.	Parasitology
16	Dr. S. O. Qureshi, Adarsh Mahavidyalaya, Dhamangaon Rly.	Entomologist
17	Dr. C. R. Kasar, Gilani College, Ghatanji, DistYavatmal	Parasitology
18	Dr. Y. D. Akhare, Vidya Bharati Mahavidyalaya, Amravati.	Animal Physiology
19	Dr. J.G. Suryavanshi, Adarsh Science Mahavidyalaya, Dhamangaon Rly.	Molecular Biology

**25. Seminars/ Conferences/Workshops organized & the source of funding:**

Seminars/Conference /Workshop	Date	I/N/S/R/U	Funding Agencies	Amount
State level Workshop on “Spider Taxonomy”	10 <sup>th</sup> March 2016	State	Indian Science Congress Association, Kolkata Amravati Chapter	10000/-

\*I=International, N=National, S=State, R=Regional, U=University

**26. Student profile programme /course wise:**

Year	Name of the course/ Program	Application received/ selected	Enrolled		Pass %
			M	F	
2011-12	B.Sc.III	12	5	7	75.00
2012-13	B.Sc.III	2	1	1	100
2013-14	B.Sc.III	11	6	5	81.82
2014-15	B.Sc.III	21	7	14	57.14
2015-16	B.Sc.III	33	7	26	93.75

**27. Diversity of Students:**

Name of the Course	% of students from the same state	% of students from the other state	% of students from the abroad
UG - B.Sc.	100	Nil	Nil

**28. How many students have cleared National and State competitive examinations such as NET, SLET, GATE, Civil services, Defences services, etc.?**

NET	SET	GATE	Civil services	Defense Services	Any other
-	-	-	-	-	01

**29. Student progression:**

Student progression	Against % enrolled
UG to PG	<b>7.59</b>
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed	
• Other than campus recruitment	<b>6.32</b>
Entrepreneurship/Self-employment	<b>22.78</b>

**30. Details of Infrastructural facilities**

S.N.	Infrastructural Facilities	Status	
1	Books	Main Library	102
		Departmental Library	35
2	Internet facilities for staff & student	No. of Computer	1
		No. of Computer with Internet facility	1
3.	Laboratories	No. of Lab : Capacity of lab. UG-50,	1 , Area - 30X40 Sq. Ft.
4.	Other	Zoological Museum-	1, (60 specimens)



31. Number of students receiving financial assistance from college, university, government or other agencies: More than 50%
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts:

Sr. No.	Date	student enrichment programmes	External Experts
1	19 <sup>th</sup> August 2011	Special lecture on Birds Diversity	Mr. Sawan Deshmukh, eminent ornithologist, Assistant Professor, Department of Geography, Bharatiya Mahavidyalaya, Morshi
2	24 <sup>th</sup> Feb. 2012	Workshop on “Disaster Management”	In collaboration with NSS Unit sponsored by Government of Maharashtra and SGBA University
3	3 <sup>rd</sup> Jan. 2013	Gender Sensitization Program : Jagar Janivancha	Conducted by Dr. G. B. Santape as a Convenor
4	15 <sup>th</sup> Feb. 2013	University level Workshop on “Environmental Management”	In collaboration with NSS Unit sponsored by Government of Maharashtra and SGBA University, Amravati.
5	28 <sup>th</sup> Feb. 2013	Seminar Competition	Entitled for college students on the theme ‘Genetic Disorders’
6	8 <sup>th</sup> Aug. 2013	Guest lecture on Snake Biodiversity	Dr. Pravin Joshi, Assistant Professor, Department of Zoology, Amolakchand College, Yavatmal .
7	21 <sup>st</sup> Sep. 2013	Special lecture on Human Fungal Diseases	Dr. Dilip Hande, Associate Professor, Botany Department, Shivaji Science College, Amravati.
8	04 <sup>th</sup> and 5 <sup>th</sup> Oct. 2013	Wild life week celebration by “Environmental Awareness and Biodiversity Workshop ”	In collaboration with NSS Unit sponsored by Government of Maharashtra and SGBA University, Amravati.
9	17 <sup>th</sup> and 18 <sup>th</sup> Dec. 2013	District level Swachhatamitra Elocution competition	In collaboration with department water supply Z.P. Amravati, Govt. of Maharashtra Coordinator Dr. G. B. Santape
10	30 <sup>th</sup> Jan. 2014	AIDS Awareness Workshop	In collaboration with NSS Unit sponsored by Government of

			Maharashtra and SGBA University, Amravati.
11	28 <sup>th</sup> Feb. 2015	Seminar Competition on National Science Day.	Entitled for college students on as “Endocrine Glands”.
12	15 <sup>th</sup> Septmber 2015	Special lecture on “Life and Diversity of Vertebrates and Invertebrates”	Dr. K. B. Sangve, Assistant Professor, Department of Zoology, Brijlal Biyani Science College, Amravati.
14	03 <sup>th</sup> March 2016	Special lecture on: Impact of Environmental Pollution on Soil. Water and Air.	Dr. Nayana Shirbhate Head and Assistant Professor, Botany Department , VidyaVikas Arts, Commerce and Science College, Samudrapur, Dist- Wardha
15	10 <sup>th</sup> March 2016	One day State Level Workshop on Spider Taxonomy	Indian Science Congress Association, Kolkata Amravati Chapter sponsored.
16	30 <sup>th</sup> March 2016	Special lecture on Birds Diversity from Amravati District	Dr. Gajanan Wagh, Assistant Professor, Zoology Department, Shri Shivaji Science College, Amravati
17	1 <sup>st</sup> April 2016	Special lecture on Importance of Ecosystem and Career Opportunity in Zoology	Dr. Sunil Kondulkar Assistant Professor Zoology Department, Mahatma Fule Arts, Commerce and Science College, Warud
18	2 <sup>nd</sup> April 2016	Special lecture on Stages of Embryonic Development of Vertebrates	Dr.N. R.Thorat Assistant Professor, Department of Zoology, Vidya Bharati Mahavidyalaya, Amravati.

Teaching methods adopted to improve student learning	
<ul style="list-style-type: none"> <li>• Chalk and talk method</li> <li>• Chart display method</li> <li>• Field learning method</li> <li>• Question and answer method</li> </ul>	<ul style="list-style-type: none"> <li>• PPT method</li> <li>• Group discussion</li> <li>• Image display method</li> <li>• Class seminars , class unit test</li> </ul>

#### 34. Participation in Institutional Social Responsibility (ISR) and Extension Activities:

Institutional Social Responsibility (ISR)	
1	Workshop on “ Disaster Management ”
2	Workshop on “ Envornmental Management ”

3	Sickle Cell Anemia Test
4	Active participation in NSS camps as Guest Lecturer
5	Guest lectures by faculty
<b>Extension activities:</b>	
To celebrate Wildlife week in 1 <sup>st</sup> Week of October (Every year).	

### SWOC ANALYSIS AND FUTURE PLANS

**Strength:**

- Well qualified faculties.
- Well furnished and equipped laboratory.
- Collaboration with Spider Lab.

**Weakness:**

- No consultancy services and industrial link.
- No PG and Research recognized laboratory.
- No minor and major research projects.

**Opportunities:**

- To establish PG programme and Research laboratory.
- Training and placement cell in college.
- Research projects.
- Placement through competitive examination.

**Challenges:**

- To enhance placement.
- To promote self employment.

**Future plans:**

- To start P.G. programme
- Collaboration with scientific institutions and laboratories.
- Job oriented certificate courses.
- To organize National conferences, workshops, seminars, etc.

**Support Facilities: Library**

- Year of Establishment : 2008
- Number of teaching posts : 01

Post	Sanctioned	Filled
Librarian	01	01

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M.Phil. etc.)

Name	Qualification	Designation	Specialization	No. of Year of Experience
Manoj P. Waghmare	M.Lib.I.Sc. M.Phil., NET, SET	Librarian	-	3 Years

- Number of academic support staff (technical) and administrative staff; sanctioned and filled

Post	Sanctioned	Filled
Library Attendant	01	01

- Qualifications of teaching faculty with D.Sc/ D. Litt/ Ph. D/MPhil/PG.

Name	Qualification	Designation
Manoj P. Waghmare	M.A. (Pol. Sci.) M.Lib.I.Sc., M.Phil.(Lib. Inf. Sci.), NET, SET	Librarian

- Publications:
  - a) Publication per faculty
 \*Number of papers published in peer reviewed journals (national /International) by faculty and students:

Title with page nos.	Name of Journal	Vol. No.	Publisher	ISSN No.
User Education and Services Information Technology Age	International Journal of Researches in Social Science & Information Studies (IJRSSIS)	Special Issue (3), Vol. No. III 04 <sup>th</sup> Sept. 2015	Vishwashanti Multipurpose Society (Global Peace Multipurpose Society), Nagpur	2347-8268 (Online) 2347-8209 (Print)

- Details of Infrastructural facilities
  - a) Library

Sr. No.	Sources	Number
1	Text Books	939
2	Text Books in Book Bank Scheme	129
3	Reference Books	403
4	Compititive Examination Books	63
5	Other Books (Literature, Novel, etc.)	182
6	CDs / DVDs	39
7	Open Access Downloaded Books	69
8	Periodicals	13
9	Newspapers	04

Working hours	
On working days before and During examination day	8.00 am to 5.30 pm
During vacation	10.30 am to 5.30 pm

b) **Internet facilities for Staff & Students : Yes**

c) **ICT and other tools in the library**

OPAC	Open Public Access Catalogue System (OPAC) is available.
Library Website	Included in College Website
Library automation	The library services are computerized through Library Management System Software (Lib Soft) Software such as OPAC, Circulation, catalogue and stock maintenance

- **Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- **Organization of ‘Vachan Prerna Din’:** Birth Anniversary of former President of India Dr. A. P. J. Abdul Kalam was observed on 15<sup>th</sup> October 2015 as the ‘Vachan Prerna Din’.
- **Organization of Book Exhibition:** Book exhibition was organized on 29<sup>th</sup> Feb. 2016 which was inaugurated at the hands of Dr. Sangita Ingole, HOD Environmental Science of Shri Shivaji Science College, Amravati.
- **Collabration:** Hutatma Bhaugir Vachnalaya, Chandur Rly. Sharing library facility specially books and magazines of competitive examinations. Group of students preparing for competitive examination are benefited by this facility.

## SWOC ANALYSIS AND FUTURE PLANS

### **Strengths:**

- Permanent librarian.
- Library with good collection
- Automated Library services.
- Free internet facility to the users.
- Book Bank Scheme.
- Collaboration with the local public library
- Reader Focus Display
- Open Access e-books downloaded.

### **Weaknesses:**

- Insufficient funds for further development.

### **Opportunities:**

- To develop reading culture among teachers and students.
- To establish additional linkages with other libraries.

### **Challenges:**

- Emphasizing on maximum use of the library for overall development.
- Compiling students reading books other than curriculum.

### **Future plans:**

- To establish systematic library with advance technology.
- Enriching library with e-resources.

### Support Facilities: Physical Education & Sports

- Year of Establishment : **2008**
- Number of teaching posts : 01

Teaching posts:	Sanctioned	Filled
Director of Physical Education	01	01

- Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc)

Name	Qualification	Designation	Specialization	No. of Year of Experience
Aslam N. Khan	M. P. Ed., NET	Director of Physical Education	N.S.N.I.S.- Hockey	6 Years

List of senior visiting faculty: Nil

- Faculty as members in
  - a) National committees b) International Committees c) Editorial Boards.....: Nil
  - Member of Syllabus Committee: B.A.(Sports)-2011 – Yashwantrao Chavan Maharashtra Open University, Nashik

#### **Sports and Games facilities:**

- Indoor Games
  - i) Badminton ii) Chess iii) Yoga
- Outdoor Games
  - i) Basketball Court ii) Kabaddi iii) Volleyball

#### **Sports and Games participation and achievements:**

- Student Participation at University level:

Sports and Games	2011-12	2012-13	2013-14	2014-15	2015-16
Volleyball	-	-	12	12	12
Badminton	-	-	-	08	-
Athletic	-	01	-	-	-
Cross-country	15	15	15	15	15
Chess	-	03	03	-	03
Kabaddi	12	12	-	-	12
Boxing	02	02	02	02	-
Weight Lifting	-	-	02	02	-

Cultural events (University Level)	2011-12	2012-13	2013-14	2014-15	2015-16
Literary Events	07	05	07	07	03
Theatre	12	06	12	12	12
Fine Arts	01	01	04	04	04

- **Remarkable Achievements in Sports (List of Colour coat Holder):**  
Ku. Swati Manvatkar (B.Sc. III Year) participated in West Zone Inter-university Hockey tournament held at Gwalior from 19<sup>th</sup> to 23<sup>rd</sup> December 2016.
- Awards / Recognitions received by faculty:

Teacher	Year	Award Received
Mr. A. N. Khan	2011	Coach Award for Hockey

- List of Eminent Personality

Sr. No.	List of Eminent Personality	Field
1	Mr.M. T. Deshmukh (Shiv Chatrapati Awardee)	Chairman, Board of Physical Education & Recreation, Sant Gadge Baba Amravati University, Amravati
2	Mr.Anil Deshmukh	Ex.Director of Physical Education GVISH, Amravati
3	Dr. Sanjay Deshmukh	Director of Physical Education, Takshashila Mahavidyalaya, Amravati
4	Dr. D. V. Ruikar	Director of Physical Education Bhartiya Mahavidyalaya , Amravati
5	Dr. Ajay Chinchmalatpure	Director of Physical Education Adarsh Science Mahavidyalaya, Dhamangaon Rly.
6	Dr. Umesh Rathi	Director of Physical Education Arts & Sci. College, Kurha
7	Dr. Gajendra Raghuvanshi	Director of Physical Education K. L. College, Amravati
8	Dr. Devendra Gawande	Principal Smt. S.R. College, Wanoja
9	Mr.S. H. Meshram	Director of Physical Education Jagdamba Mahavidyalaya, Achalpur
10	Dr. P. R Rajput	Ex. Principal S. K. College, Akola



- Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts :

Sr. No.	Activity	Expert Name
1	Short term training programme	Dr. A. V. Chinchmalatpure
2	Long term training programme	Dr. G. B. Raghuwanshi
3	Demonstration of Yoga, Karate.	Mr. Prashant Deshmukh

**Participation in Institutional Social Responsibility (ISR) and Extension activities:**

- Secretary Local Managing Committee from 2013 to 2015.
- College Sports Committee –Secretary
- Internal Quality Assurance Cell – Member
- Officer Incharge of S.G.B.A. University Examination from 2013 to 2015.
- Taluka Coordinator Tree plantation programme.
- Code of Conduct Grievance Committee –Member
- Coaching of Hockey, Volleyball with Physical Fitness Training under extension work of department.
- Environment consciousness committee
- Inter Collegiate Volleyball Men B Zone Tournament Person In charge
- Coach of S.G.B.A. University Men’s Hockey from 1<sup>st</sup> January 2011 to 16<sup>th</sup> January 2011 Team Qualify for All India Inter University Hockey Championship, Mumbai.(Fourth Place)
- Coach of S.G.B.A. University’s Men Hockey from 1<sup>st</sup> January 2012 to 5<sup>th</sup> January 2012. Dr. H. S Gaur University, Sagar
- 2015-16 University’s Hockey (Men & Women) Selection Committee Member
- 2016-17 University’s Hockey (Men & Women) Selection Committee Member.

**Recognitions of Physical Education Director:**

- Member of sports committee:- 09
- Team manager :-01
- Official :- 09
- Coach :- 04

## SWOC ANALYSIS AND FUTURE PLAN

### **Strengths:**

- Play ground for different games.
- Director of Physical Education is a university level hockey coach.

### **Weakness:**

- Being a science college fewer students show interest in the sports and games.
- Insufficient incentives to sportsman like freeship, scholarship, awards etc.

### **Opportunities:**

- To produce national level hockey players.
- 5% seats in government jobs are reserved for the students securing prominent positions in various games at state and national levels.

### **Challenges:**

- To create more awareness towards Physical Fitness.

### **Future Plan:**

- Multipurpose Gymnasium (with facilities of Yoga, Table-Tennis, Meditation Room etc.).
- Sports medicine laboratory, indoor sports training facilities with wooden flooring, utilization of gym facilities.



Atul Vidya Mandir's

## Rajarshee Shahu Science College, Chandur Rly

Dist: Amravati (M.S.) 444 904

(College Code : 807)

**President**

Prof. Annasaheb Alias Walmikrao Jagtap

**Secretary**

Prof. Virendrabhai Jagtap

**Principal**

Dr. Suresh S. Thakare

Website : [www.rssc.edu.in](http://www.rssc.edu.in)

Email : [rajarsheeshahucollege@rediffmail.com](mailto:rajarsheeshahucollege@rediffmail.com) / [rsscprincipal@gmail.com](mailto:rsscprincipal@gmail.com) / [principal@rssc.edu.in](mailto:principal@rssc.edu.in)

☎ (Office) 07222- 254111

Ref. No. R.S.S.C./42/17

Date: 07/02/2017


### Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.



  
Signature of the Head of the institution with seal  
**Principal**  
Rajarshee Shahu Science College  
Chandur Rly. Distt. Amravati

Place: Chandur Railway

Date: 07/02/2017



Atul Vidya Mandir's

## Rajarshee Shahu Science College, Chandur Rly

Dist: Amravati (M.S.) 444 904

(College Code : 807)

**President**

Prof. Annasaheb Alias Walmikrao Jagtap

**Secretary**

Prof. Virendrabhai Jagtap

**Principal**

Dr. Suresh S. Thakare

Website : www.rssc-edu-in

Email : rajarsheeshahucollege@rediffmail.com / rsscprincipal@gmail.com / principal@rssc-edu-in

☎ (Office) 07222- 254111

Ref. No. R.S.S.C./43/17

Date: 07/02/2017

### Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions)

This is to certify that **RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY, DIST. AMRAVATI (M.S.)** fulfils all norms.

1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation/recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

*Dr. S. S. Thakare*

Dr. S. S. Thakare  
Principal/Head of the institution

**Principal**

Rajarshee Shahu Science College  
Chandur Rly. Distt. Amravati

Place: Chandur Railway

Date: 07/02/2017





Atul Vidya Mandir's  
**Rajarshee Shahu Science College, Chandur Rly**  
Dist: Amravati (M.S.) 444 904  
(College Code : 807)

**President**  
Prof. Annasaheb Alias Walmikrao Jagtap

**Secretary**  
Prof. Virendrabhau Jagtap

**Principal**  
Dr. Suresh S. Thakare

Website : [www.rssc-edu.in](http://www.rssc-edu.in)

Email : [rajarsheeshahucollege@rediffmail.com](mailto:rajarsheeshahucollege@rediffmail.com) / [rsscprincipal@gmail.com](mailto:rsscprincipal@gmail.com) / [principal@rssc-edu.in](mailto:principal@rssc-edu.in)

☎ (Office) 07222- 254111

Ref. No. ....

Date: .....

**NAAC Steering Committee**

Sr.No.	Name	Designation
1	Dr. Suresh S.Thakare	Principal
2	Dr.Gajanan B. Santape	Coordinator
3	Dr. Ashwin P. Pachkawade	Member
4	Mr. Aslam N. Khan	Member
5	Dr. Minal J. Keche	Member
6	Dr.Ashish D. Bansod	Member
7	Dr.Mahesh P. Chikhale	Member
8	Mr. Manoj P. Waghmare	Member
9	Mr. Sanghpal S. Padhen	Member
10	Mr. Surendra A. Wani	Member



SANT GADGE BABA  
AMRAVATI UNIVERSITY  
AMRAVATI - 444602  
(M.S.)

☎ : 2662206, 2662207, 2662208, 2662249, 2662358.  
website : www.sgbau.ac.in

FAX NO. 0721-2660949, 2662135

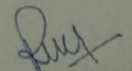
No.SGBAU/8/C- 43 /2017.

Dt: 29-03.2017

**TO WHOM IT MAY CONCERN**

This is to certify that **Rajarshee Shahu Science Colleg, Virul Road, Chandur Rly, Dist:- Amravati, Maharashtra** is affiliated to the **Sant Gadge Baba Amravati University, Amravati** since 2008 and recognized by the University Grants Commission (if applicable) and the following Courses/Subjects are taught in the said college as per approva,

Sr. No	Name of the Course(s) and Duration	Affiliation		Period of Validity for the year(s)
		Permanent	Temporary	
1.	Three year B.Sc. Courses in English, Marathi, Physics, Mathematics, Chemistry, Botany, Zoology, Computer Science, Electronics .	Permanent		--

  
Asstt. Registrar (Colle.),  
Sant Gadge Baba  
Amravati University.  
Amravati



R.S.S.C.  
37/1/13  
13/03/13  
23236351, 23232701, 23237721  
23234116, 23235733, 23232317  
23236735, 23239437, 23239627

Extension No. 413 (CPP-I Colleges)  
UGC Website: [www.ugc.ac.in](http://www.ugc.ac.in)  
F. No. 8-690/2012 (CPP-I/C)



ज्ञान-विज्ञान विमुक्तये  
SPEED POST

विश्वविद्यालय अनुदान आयोग  
बहादुरशाह जफर मार्ग  
नई दिल्ली-110 002  
UNIVERSITY GRANTS COMMISSION  
BAHADURSHAH ZAFAR MARG  
NEW DELHI-110 002

February, 2013

The Registrar,  
Sant Gadge Baba Amravati University  
Amravati - 444 602  
Maharashtra

5 MAR 2013

**Sub:** - Recognition of College under Section 2 (f) of the UGC Act, 1956.

Sir,

I am directed to refer to your letter no. SGBAU/7-D/77/2012 dated 05-12-2012 on the above subject and to say that it is noted that the College is **un-aided** and on **temporary** affiliation to **Sant Gadge Baba Amravati University, Amravati**. I am further to say that the name of the following College has been included in the list of Colleges prepared under Section 2 (f) of the UGC Act, 1956 under the head **Non-Government** Colleges teaching upto **Bachelor's Degree**:-

Name of the College	Year of Establishment	Remarks
Rajarshee Shahu Science College, Near I.T.I., Virul Road, Chandur Railway - 444 904, Dist. Amravati, Maharashtra.	2008	The college does not fulfill the requirement of permanent affiliation. Therefore, the college is <b>not</b> eligible to receive Central assistance under Section 12 (B) of the UGC Act, 1956.

The Indemnity Bond and the other supporting documents submitted in respect of the above College have been accepted by the University Grants Commission.

Yours faithfully,

(Raksha Pahwa)  
Under Secretary

Copy to:-

1. The Principal, Rajarshee Shahu Science College, Near I.T.I., Virul Road, Chandur Railway - 444 904, Dist. Amravati, Maharashtra.
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Secondary Education & Higher Education, Shastri Bhavan, New Delhi - 110 001
3. The Principal Secretary, Tech. & Higher Education Deptt. Government of Maharashtra, Mantralaya, Annexe Building, Mumbai - 400 032, (Maharashtra).
4. The Deputy Secretary, UGC, Western Regional Office (WRO), Ganeshkhind, Poona - 411 007, (Maharashtra).
5. Publication Officer, (UGC-Website), New Delhi.
6. Section Officer (F.D.-III Section) U.G.C., New Delhi.
7. Guard file.

(Sunita Gulati)  
Section Officer



**SANT GADGE BABA  
AMRAVATI UNIVERSITY**  
AMRAVATI - 444602  
(M.S.)

☎ : 2662206, 2662207, 2662208, 2662249, 2662358.  
website : www.sgbau.ac.in

FAX NO. 0721-2660949, 2662135

To,  
The Principal,  
Rajarshee Shahu Science College,  
Virul Road, Chandur Rly.,  
Dist. Amravati.

No.:SGBAU/8/C- 2343/2016,  
Date: 29.11.2016

**Subject :- Permanent Affiliation under section 88 of Maharashtra Universities Act, 1994 regarding.**

**Ref:-** 1) Your letter Outward No.R.S.S.C.53116 dated 13/2/2016 .

Sir,

With reference to your letter cited above, it is to inform you that, the Academic Council of Sant Gadge Baba Amravati University, in its meeting held on dated 17/10/2016 vide item no.80 resolved to grant Permanent Affiliation to your college for courses/subjects as mentioned in the following table, from the session 2016-2017 subject to the fulfillment of the conditions as mentioned below :-

Even though your college / Institutions is granted Permanent Affiliation it shall continue to pay annual affiliation fee as prescribed in Direction no. 39/2004, dated 20.10.2004.

Sr.No.	Course/s	Subject/s
1.	B.Sc.	English, Marathi, Physics, Chemistry, Electronics, Mathematics, Computer Science, Botany, Zoology.

Yours faithfully,

*[Signature]*  
Director (BCUD)  
Sant Gadge Baba  
Amravati University, Amravati.

**Copy with compliments to :-**

1. Director of Higher Education, Maharashtra State, Pune-1
2. Joint Director of Higher Education, V.M.V. camps Amravati.
3. Controller of Exam, Sant Gadge Baba Amravati University, Amravati.
4. Finance & Accounts Officer, Sant Gadge Baba Amravati University, Amravati.
5. Director of Student Welfare, Sant Gadge Baba Amravati University, Amravati.
6. Dy.Registrar (Devp.), Sant Gadge Baba Amravati University, Amravati.

pa





SANT GADGE BABA  
AMRAVATI UNIVERSITY  
AMRAVATI - 444602  
(M.S.)

☎ : 2662206, 2662207, 2662208, 2662249, 2662358.  
website : www.sgbau.ac.in

FAX NO. 0721-2660949, 2662135

No. SGBAU/7-D/11/.....<sup>723</sup>...../17  
Date: 9.02.2017

To,  
The Secretary,  
University Grants Commission,  
Bahadurshah Zafar Marg,  
New Delhi – 110 002.

Sub: Regarding recognition of College under Section 12 B of the UGC Act, 1956.  
Ref: UGC letter no. F. 8-690/2012 (CPP-I/C) dated 5<sup>th</sup> March, 2013.

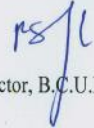
Sir,

**Rajarshee Shahu Science College, Chandur Railway Dist. Amravati** is included in the list of Colleges prepared under Section 2(f) of the UGC Act, 1956 vide above referred letter. The college has fulfilled the requirement of permanent affiliation now. Therefore, I am forwarding herewith proposal for inclusion of College under Section 12 B of the UGC Act 1956, received from Principal, **Rajarshee Shahu Science College**, near I.T.I., Virul road, **Chandur Railway Dist. Amravati – 444 904 (Maharashtra)**.

You are requested to kindly consider the proposal favourably.

Encl.: As above.

Yours faithfully,

  
Director, B.C.U.D.

Copy w/c to:

The Principal, Rajarshee Shahu Science College, near I.T.I., Virul road, Chandur Railway Dist. Amravati – 444 904 (Maharashtra).

(परिशिष्ट २)

महाराष्ट्र शासन  
उच्च व तंत्र शिक्षण विभाग  
शासन आदेश क्रमांक एनजीसी २००८/(२१८/०८)/मशि-३  
मंत्रालय विस्तार भवन, मुंबई ४०० ०३२  
दिनांक : १३ जुन, २००८

- पहा:-१) शासन निर्णय क्रमांक-एनजीसी२००८ / (१८/०८) / मशि-३,  
दि.३०.०१.२००८ (Task Force)  
२) संचालक, उच्च शिक्षण यांचे पत्र क्र. एनजीसी / ०८-०९ /नवि महा अतु / मान्यता /  
मवि २-३, दि. १.०५.२००८

#### शासन आदेश

महाराष्ट्र विद्यापीठ अधिनियम १९९४ मधील कलम ८२(४) नुसार राज्यातील विद्यापीठांनी शासनाकडे नवीन महाविद्यालयाच्या (पारंपारिक) मान्यतेसाठी प्रस्ताव सादर करावयाचे असतात, त्यानुसार शैक्षणिक वर्ष २००८-०९ साठी राज्यातील विद्यापीठांकडून प्राप्त झालेल्या प्रस्तावांची शासन निर्णय क्रमांक-एनजीसी२००८ / (१८/०८) / मशि-३, दि.३०.०१.२००८ अन्वये स्थापित कृतिसमितीद्वारे छाननी करण्यात आली. समितीचे अभिप्राय / शिफारशी व विद्यापीठाच्या शिफारशी विचारात घेऊन महाराष्ट्र विद्यापीठ अधिनियम १९९४ मधील कलम ८२(५) अन्वये शासनास प्राप्त अधिकारानुसार नवीन महाविद्यालयाच्या (पारंपारिक) सोबत जोडलेल्या प्रपत्रामध्ये नमूद केल्यानुसार खालील अटी व शर्ती च्या अधिन राहून मंजूरी देण्यात येत आहे.

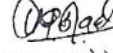
#### अटी व शर्ती:-

- (१) ज्या संस्थांना नवीन पारंपारिक महाविद्यालये मंजूर करण्यात आलेली आहेत, त्या महाविद्यालयांनी त्यांच्या विभागीय सहसंचालकांकडे ते भविष्यात कोणत्याही परिस्थितीत अनुदानाची मागणी करणार नाहीत असे हमीपत्र रु. १००/- च्या नॉन ज्युडीशियल स्टॅम्प पेपरवर सादर करावे.
- (२) संबंधित विभागीय सहसंचालकांचे हमीपत्र सादर केल्याविषयीचे प्रमाणपत्र प्राप्त झाल्याशिवाय विद्यापीठाने संलग्नतेची प्रक्रिया सुरू करू नये.
- (३) महाविद्यालयांनी कोणत्याही परिस्थितीत मंजूर प्रवेश क्षमतेपेक्षा जास्त प्रवेश देऊ नयेत.
- (४) विद्यापीठाने विहित केलेल्या निकषानुसार व विद्यापीठ अनुदान आयोगाने विहित केलेल्या शैक्षणिक पात्रतेनुसार महाविद्यालयांनी अध्यापक वर्ग/ कर्मचारी वर्ग महाविद्यालयाने नेमणे आवश्यक असून इतर सर्व आवश्यक पायाभूत सोयी उपलब्ध कराव्यात.
- (५) ही मान्यता, फक्त शैक्षणिक वर्ष २००८-०९ पुरती मर्यादित आहे. यावर्षी नवीन महाविद्यालये (पारंपारिक) सुरू न करणा-या महाविद्यालयांची ही मान्यता आपोआप रद्द झाली असे समजण्यात येईल.
- (६) \*\* अशी खुण असलेल्या महाविद्यालयातील नवीन महाविद्यालयांना (पारंपारिक) नकारात्मक शिफारस असली तरी सदरच्या नवीन महाविद्यालयांना (पारंपारिक) स्थानिक विद्यार्थ्यांची गरज विचारात घेऊन मान्यता देण्यात येत आहे.

शिक्षण, महाराष्ट्र राज्य, पुणे व संबंधित विभागीय सहसंचालक, उच्च शिक्षण, महाराष्ट्र राज्य यांना पाठवावा.

३. हे आदेश, राज्य शासनाच्या [www.maharashtra.gov.in](http://www.maharashtra.gov.in) या संकेत स्थळावर उपलब्ध असून त्याचा संगणक संकेतांक २००८०६१३२०१९१९००१ आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,



( प्रकाश सुरसे )

अवर सचिव, महाराष्ट्र शासन

प्रत,

- १) कुलसचिव, सर्व अकृषी विद्यापीठे, महाराष्ट्र राज्य,
- २) संचालक, उच्च शिक्षण, महाराष्ट्र राज्य, पुणे
- ३) सर्व विभागीय सहसंचालक, महाराष्ट्र राज्य,
- ४) संबंधित संस्था,
- ५) निवड नस्ती (मशि-३)

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		विद्याशाखा
२८.	आदर्श शिक्षण संस्था, ब्रम्ही, ता. पयनी, जि. भंडारा --लाखांदूर, जि. भंडारा	कला, वाणिज्य व विज्ञान
शिवाजी विद्यापीठ, कोल्हापूर.		
२९.	ग्रामीण विकास शिक्षण संस्था, उंडाळे, ता.कराड, जि.सातारा-४१५११८	कला व वाणिज्य
३०.	डी.एस. शिक्षण संस्था, पांचगणी ता.महाबळेश्वर, जि.सातारा- ४१२ ८०५, --वाई, ता. वाई,	कला, वाणिज्य व विज्ञान
सोलापूर विद्यापीठ, सोलापूर		
३१.	सर्वादय शिक्षण प्रसारक मंडळ, भोसे (क) ता. पंढरपूर, जि. सोलापूर	कला
३२.	महावि विवेकानंद समाजकल्याण संस्था, अक्कलकोट, जि.सोलापूर	कला व वाणिज्य (महिला)
उत्तर महाराष्ट्र विद्यापीठ, जळगांव		
३३.	जिजाऊ बहुउद्देशीय संस्था, अमळनेर, जि. जळगांव	कला, विज्ञान आणि वाणिज्य
संत गाडगेबाबा अमरावती विद्यापीठ, अमरावती		
३४.	वि आर्य शिक्षण संस्था, रिसोड, जि. वाशिम.	विज्ञान
३५.	** राजीव शिक्षण क्रीडा व बहुउद्देशीय संस्था, बुलडाणा --ओ.अंसीस कला व वाणिज्य महाविद्यालय, धाड, ता., जि.बुलडाणा.	कला व वाणिज्य
३६.	अतुल विद्या मंदीर, वर्धा, ता.चांदूर रेल्वे, जि. अमरावती. --राजर्षी शाहु विज्ञान महाविद्यालय, चांदूर रेल्वे जि.अमरावती.	विज्ञान
३७.	पैनगंगा एज्युकेशन सोसायटी पाटन, ता. झरी जामणी चे --सूर्यतेज कॉलेज ऑफ टेक्नोलॉजी, पांढरकवडा, ता. केळापूर. जि.यवतमाळ.	विज्ञान
डॉ. बाबासाहेब आंबेडकर मराठवाडा विद्यापीठ, औरंगाबाद		
३८.	राष्ट्रीय चॅरिटेबल ट्रस्ट, औरंगाबाद राष्ट्रीय कला महाविद्यालय, हातनूर, ता. कन्नड, जि. औरंगाबाद	कला
३९.	शिवाजी शिक्षण प्रसारक मंडळ, जालना संचलित कला, वाणिज्य, विज्ञान महाविद्यालय, रामनगर, जालना.	कला, वाणिज्य व विज्ञान
४०.	अक्षय सेवा प्रतिष्ठान संचलित वसुंधरा महिला कला, वाणिज्य व विज्ञान महाविद्यालय, अंबाजोगाई, जि. बीड.	कला, वाणिज्य व विज्ञान
४१.	माऊली विद्यापीठ, केज संचलित कला व विज्ञान महाविद्यालय, --युसुफ वडगाव. जि. बीड.	कला व विज्ञान
४२.	समाजसेवा शिक्षण संस्था नाई चाकूर, ता. उमरगा, जि. उस्मानाबाद --सावित्रीबाई फुले महिला कला व विज्ञान महाविद्यालय, उमरगा, जि. उस्मानाबाद.	कला व विज्ञान



(True Translation of order of Maharashtra Government giving the permission to start college at Chandur Rly.)

Academic Year 2008-09  
Permission for new colleges (Traditional)

**Government of Maharashtra**  
**Higher and Technical Education Department**  
**Government Order No. NGC (2008 / (218/ 08) /MS-3**  
**Mantralaya Extension Bhawan**  
**Mumbai 400032**  
**Date: - 13<sup>th</sup> June 2008**

See :- 1) Government Decision No. NGC 2008/(18/08) /MS-3 Dated 30-01-2008 (Task Force)  
2) Director, Higher Education, Letter No. NGC / 08-09/NV  
MAHAATU/Manyata/MV2-3  
Dated 09-05-2008

**Government Order**

As per Section 82 (4) of Maharashtra University Act 1994, Universities have to submit proposal for the permission of new colleges ( Traditional ) to the State Government, in accordance for the academic year 2008-2009 the state Universities received proposals and scrutinized by the Taskforce as per Government Decision No:- NGC 2008/(18/08) /MS-3 , Dated 30-01-2008. By Considering the opinion / recommendations of Task force and Universities recommendation, Government authority granting permission as per Maharashtra University Act 1994 under Section 82 (5) to relevant new college (traditional) mentioned in the enclosed format which are subjected to the following terms and conditions.

**Terms and Conditions:-**

- 1) Those Educational Societies has been permitted to start traditional colleges should submit the guarantee letter of no claim of grant in future on Non-Judicial stamp paper of Rs. 100/- to respective Divisional Joint Director.
  - 2) University should not start the process of Affiliation without receiving the certificate of submission of guarantee letter of concerning Divisional Joint-Director.
  - 3) Colleges should not admit the students beyond granted intake capacity in any circumstances.
  - 4) As per prescribed criterion of University and UGC prescribed academic qualification, the respective colleges should appoint the teaching staff/Non- Teaching staff and made available all other fundamental basic facilities.
  - 5) This approval is only for the academic year 2008-09. This approval should be automatically cancel for those new colleges (traditional) do not initiate in this year.
  - 6) \*\*\* marked college (Traditional) though having negative recommendation has been granted permission considering the need of local students.
2. Universities, should not initiate the essential further process of Affiliation without observing the approval order of State Government on its website. Universities should forwarded the realization certificate of Affiliation to the Director, Higher Education Maharashtra State , PUNE and relevant Divisional Joint Director, Higher Education Maharashtra State.

  
**Principal**  
Rajarshree Shahu Science College  
Chandur Rly. Distt. Amravati

3. This order, available on website [www.maharashtra.gov.in](http://www.maharashtra.gov.in) of state Government and its computer code No. is 20080613201919001. As per the order of Honorable Governor of Maharashtra and in the name.

Sd/-  
(Prakash Surwase )  
Upper Secretary  
Maharashtra Government

Copy to,

- 1) The Registrar, All Non- Agriculture Universities, Maharashtra State
- 2) The Director, Higher Education, Maharashtra State, PUNE
- 3) All Divisional Joint-Directors, Maharashtra State
- 4) Relevant Society
- 5) Selection File (MS-3)

  
Principal  
Rajarshee Shahu Science College  
Chandur Rly. Distt. Amravati

**True Translation**

Letter of Government order No. NGC-2008/(218/08)/MS-3, Dated 13<sup>th</sup> June 2008.

Sr. No.	Name & Address of College	Faculty
28	Adarsh Shikshan Sanstha, Bramhi, Tq: Pawani, Dist: Bhandara - Lakhandur, Dist: Bhandara	Arts, Commerce & Science
<b>Shivaji University, Kolhapur</b>		
29	Gramin Vikas Shikshan Sanstha, Undale, Tq: Karad, Dist: Satara-415118	Arts & Commerce
30	D.S. Shikshan Sanstha, Panchgani, Tq: Mahabaleshwar, Dist: Satara - 412805 - Wai, Tq: Wai	Arts, Commerce & Science
<b>Solapur University, Solapur</b>		
31	Sarvodaya Shikshan Prasarak Mandal, Bhose (k.), Tq: Pandharpur, Dist: Solapur	Arts
32	Maharshi Vivekanand Samajkalyan Sanstha, Akkalkot, Dist: Solapur	Arts & Commerce (Ladies)
<b>North Maharashtra University, Jalgaon</b>		
33	Jijao Bahuuddeshiya Sanstha, Amalner, Dist: Jalgaon	Arts, Commerce & Science
<b>Sant Gadge Baba Amravati University, Amravati</b>		
34	The Arya Shikshan Sanstha, Risod, Dist: Washim	Science
35	Rajiv Shikshan Krida & Bahuuddeshiya Sanstha, Buldhana - Oasis Arts & Commerce College, Dhad, Ta: Dist: Buldhana	Arts & Commerce
36	<b>Atul Vidya Mandir, Wardha, Ta: Chandur Railway, Dist: Amravati - Rajarshree Shahu Science College, Chandur Railway, Dist: Amravati</b>	<b>Science</b>
37	Painganga Education Society, Patan, Tq: Zari Jamni - Suryatej College of Technology, Pandharkawada, Tq: Kelapur, Dist: Yavatmal	Science
<b>Dr. Babasaheb Ambedkar Marathwada University, Aurangabad</b>		
38	Rashtriya Charitable Trust, Aurangabad - Rashtriya Arts College, Hatnur, Tq: Kannad, Dist: Aurangabad	Arts
39	Shivaji Shikshan Prasarak Mandal, Jalana Sanchalit - Arts, Commerce & Science College, Ramnagar, Jalana	Arts, Commerce & Science
40	Atma Seva Pratishthan Sanchalit Vasundhara Mahila Arts, Commerce & Science College, Ambajogai, Dist: Beed	Arts, Commerce & Science
41	Maooli Vidyapeeth, Kej Sanchalit Arts, & Science College, Yusuf Wadgaon, Dist: Beed	Arts & Science
42	Samajseva Shikshan Sanstha, Nai Chakur, Tq: Umarga, Dist: Usmanabad - Savitribai Phule Mahila Arts & Science College, Umarga, Dist: Usmanabad	Arts & Science

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**Principal**  
 Rajarshree Shahu Science College  
 Chandur Rly. Distt. Amravati

तालुक्यात एकमेव कायम विना अनुदानित  
महाविद्यालयाला /विद्याशाखांना १००% अनुदान  
मंजूर करणेबाबत

**महाराष्ट्र शासन**

**उच्च व तंत्र शिक्षण विभाग**

शासन आदेश क्रमांक: एनजीसी २००९/(२२५/०९)भाग-१/ मशि-४

मंत्रालय विस्तार भवन, मुंबई ४०० ०३२

दिनांक : ५ ऑगस्ट, २०१०

पहा : १) शासन निर्णय क्रमांक एनजीसी २००७/(१६४/०७)/ मशि ३,

दि. ४ फेब्रुवारी, २००८.

२) शासन पत्र क्रमांक एनजीसी २००८/(१७/०८)/मशि३, दि.१०.१०.२००८

३) शासन निर्णय क्र. एनजीसी २००८/(१७/०८)/मशि३, दि.१४ मे २००९.

४) संचालक, उच्च शिक्षण, यांचे पत्र क्र. एनजीसी २००९/ताएमअनु/

मवि-२/२७५०, दि. २ ऑगस्ट, २००९.

५) संचालक, उच्च शिक्षण, यांचे पत्र क्र. एनजीसी २००९/ताएमअनु/

मवि-२/६८९६, दि. १ फेब्रुवारी २०१०.

६) शासन निर्णय क्रमांक एनजीसी २००७/(१६४/०७)/ मशि ४,

दि. २६ ऑगस्ट, २००९.

७) समक्रमांकीत शासन आदेश दि. ७.११.२००९, दि.१५.१२.२०१० व

दि. १९.३.२०१०

**शासन आदेश :**

प्रत्येक तालुक्यात एक महाविद्यालय / विद्याशाखा १००% अनुदानावर असावी हे धोरण शासनाने दिनांक ४ फेब्रुवारी २००८ अन्वये स्विकारले असून ज्या तालुक्यात एकही विद्याशाखा अनुदानावर नाही त्या तालुक्यात ती विद्याशाखा अनुदानावर असण्याची बाब या ठिकाणी विचारात असून वरील दि. ४/२/२००८ च्या शासन निर्णयाच्या अनुषंगाने संबंधित संस्थांकडून प्राप्त झालेल्या प्रस्तावाची-शासनाने संदर्भ क्र. ३ अन्वये गठीत केलेल्या कार्यबलगटाच्या दि. २६.५.२०१० रोजी झालेल्या बैठकीत छाननी करण्यात आली. कार्यबल गटाच्या शिफारशी विचारात घेऊन प्रपत्र-अ मधील ९ महाविद्यालयांच्या नावासमोर दर्शविलेल्या विद्यमान विद्याशाखांना शैक्षणिक वर्ष २०१०-११ पासून १००% अनुदानावर आणण्यास खालील अटी व शर्तीच्या अधीन राहून मान्यता देण्यात येत आहे.



**प्रपत्र-अ**

अ. क्र.	जिल्हा	तालुका	संस्थेचे नाव	महाविद्यालयांचे नांव	अनुदानासाठी शिफारस केलेली विद्याशाखा
१	सोलापूर	करमाळा	सहकार महर्षी शंकरराव मोहिते पाटील प्रतिष्ठान, शंकरनगर अकलूज ता. माळशिरस जि. सोलापूर	प्रतापसिंह मोहिते पाटील महाविद्यालय करमाळा जि. सोलापूर	विज्ञान
२	अमरावती	नांदगांव खंडेस्वर	प्रविण खोडके मेमोरिअल ट्रस्ट, अमरावती	विनायक विज्ञान महाविद्यालय, नांदगांव खंडेस्वर, ता. नांदगांव खंडेस्वर, जि. अमरावती	विज्ञान
३	अमरावती	चांदूररेल्वे	अतुल विद्या मंदिर (वर्धा) शाख चांदूररेल्वे, जि. अमरावती	राजर्षी शाहू विज्ञान महाविद्यालय, चांदूररेल्वे, जि. अमरावती	विज्ञान
४	यवतमाळ	बाभूळगांव	सुदाम शिक्षण प्रसारक मंडळ, यवतमाळ	मातोश्री नानीबाई धारफळकर विज्ञान महाविद्यालय, ता. बाभूळगांव, जि. यवतमाळ	विज्ञान
५	अकोला	तेल्हारा	नरसिंग महाराज बहुउद्येशिय विकास संस्था अकोट जि. अकोला	ना. आर.आर.पाटील विज्ञान महाविद्यालय, तेल्हारा ता. तेल्हारा, जि. अकोला	विज्ञान
६	वर्धा	सेलू	विद्याभारती संस्था वर्धा	विद्याभारती महाविद्यालय सेलू जि. वर्धा	विज्ञान
७	गोंदिया	सालेकसा	प्रताप मेमोरिअल चॅरिटेबल ट्रस्ट शंकरभवन गोंदिया	शंकरलाल अग्रवाल विज्ञान महाविद्यालय, सालेकसा जि. गोंदिया	विज्ञान
८	चंद्रपूर	नागभिड	मनोहरभाई शिक्षण प्रसारक मंडळ आरमोरी, जि. गडचिरोली	राष्ट्रपिता महात्मा गांधी कला विज्ञान महाविद्यालय नागभिड, ता. नागभिड, जि. चंद्रपूर	विज्ञान
९	गडचिरोली	देसाईगंज	बल्लारपूर सेवा समिती बल्लारपूर, जि. चंद्रपूर	मोहसीनभाई जव्हेरी महाविद्यालय, वडसा देसाईगंज, जि. गडचिरोली	विज्ञान

**२ अटी व शर्ती :**

- विद्यापीठाने विहित केलेल्या निकषानुसार व विद्यापीठ अनुदान आयोगाने विहित केलेल्या शैक्षणिक पात्रतेनुसार महाविद्यालयांनी, अध्यापक वर्ग / कर्मचारी वर्ग (पूर्णवेळ प्राचार्य / ग्रंथपाल / शिक्षक) नेमणे आवश्यक असून इतर सर्व आवश्यक पायाभूत सोयी उपलब्ध कराव्यात (उदा. स्वतःची इमारत, प्रयोगशाळा, ग्रंथालय, क्रिडांगण, मुला-मुलींसाठी स्वतंत्र प्रसाधनगृहे इ.). त्याची खात्री विभागीय सहसंचालकांनी करावी.
- महाविद्यालयांनी कोणत्याही परिस्थितीत मंजूर प्रवेश क्षमतेपेक्षा जास्त प्रवेश देऊ नयेत.

३. संबंधित महाविद्यालयांनी शासन परिपत्रक क्रमांक एनजीसी- ३५९३/५४४३/विशि२, दिनांक २४ सप्टेंबर १९९३ अन्वये विहित केलेले विद्यार्थी संख्येचे निकष पूर्ण करणे आवश्यक आहे. ते पूर्ण न केल्यास पुढील शैक्षणिक वर्षापासून महाविद्यालय / विद्याशाखेचे अनुदान बंद करण्यात येईल.

४. संबंधित महाविद्यालयांनी / व्यवस्थापनांनी शिक्षक व शिक्षकेतर कर्मचा-यांना शासनाने व विद्यापीठाने विहित केलेल्या सेवाशर्ती व वेतनश्रेण्या लागू केलेल्या असल्या पाहिजेत.

५. संबंधित महाविद्यालयांनी शासनाच्या वेळोवेळी निघालेल्या/ निर्गमित होणा-या आदेशांचे / अध्यादेशांचे (विद्यार्थी प्रवेश, गुणवत्ता, संवर्गनिहाय आरक्षण व शिक्षण शुल्क इ.) काटेकोर पालन करणे बंधनकारक राहिल.

६. संबंधित महाविद्यालयांनी शैक्षणिक वर्ष २०१०-११ व २०११-१२ मध्ये नॅक अॅक्रेडिटेशन प्राप्त करून घ्यावे..

७. संस्थेत गैरप्रकार, शिक्षक निवडीमध्ये गैरप्रकार, संस्थेच्या पदाधिका-यांवर गुन्हेगारी स्वरूपाचे खटले अशा बाबी प्रलंबित नसल्याबाबत संबंधित संस्था / महाविद्यालयांनी त्यांच्या विभागीय सहसंचालकांकडे रु.१००/- च्या नॉन ज्युडीशियल स्टॅम्प पेपरवर लेखी हमीपत्र सादर करावे.

८. संबंधित महाविद्यालयास वेतन अनुदानाशिवाय इतर कोणतेही अनुदान मिळणार नाही.

९. दुर्गम व डोंगराळ ठिकाणी असणा-या महाविद्यालयांतील विद्यार्थ्यांसाठी वसतीगृहाची सोय संस्थेने स्वखर्चाने करावी.

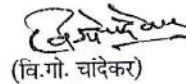
१०. संबंधित महाविद्यालयाचे महालेखापालांकडून / शासनकडून अनुदानाचे वेळोवेळी लेखापरिक्षण करण्यात येईल.

११. संबंधित महाविद्यालय / विद्याशाखेस संलग्नीकरण देण्यापूर्वी विद्यापीठांनी शासनाने विहित केलेल्या अटी व शर्तीची पूर्तता केल्याची खात्री करावी.

३. यावरील खर्च " मागणी क्र. डब्ल्यू- २, २२०२- सर्वसाधारण शिक्षण, ०३- विद्यापीठीय व उच्च शिक्षण, १०४-अशासकीय महाविद्यालयांना व संस्थांना सहाय्य, (०१) (०१) - अशासकीय वाड्.मय, विज्ञान, वाणिज्य व विधी महाविद्यालयांना अनुदाने (२२०२ ०८७२), ३५- सहाय्यक अनुदाने (वेतन) या लेखाशिर्षाखाली सन २०१०-११ साठी मंजूर असलेल्या तरतूदीतून भागविण्यात यावा.

४. हे आदेश शासनाच्या [www.maharashtra.gov.in](http://www.maharashtra.gov.in) या संकेत स्थळावर उपलब्ध करून देण्यात आले असून त्याचा संगणक संकेतांक २०१००८०४१६१७२१००१ असा आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने.

  
(वि.गो. चांदेकर)

कार्यासन अधिकारी, महाराष्ट्र शासन

प्रत:

संचालक, उच्च शिक्षण, महाराष्ट्र राज्य, पुणे  
सर्व विभागीय सहसंचालक, उच्च शिक्षण

**True Translation in English Version**  
About to grand 100% grant –in  
aid to only one college / faculty  
in Tahsil.

**Govt. Of Maharashtra.**  
**Dept of Higher and Technical Education**

Govt. order No.: NGC2009/(225/09) Part – 1/ Maha. Education – 4.  
Ministry Extension Building, Mumbai-400032.

Date:- August 5<sup>th</sup>, 2010.

- See :- 1) Govt. GR No NGC 2007/ (164/07) Maha.Edu-3. Date: February 4<sup>th</sup>, 2008.  
2) Govt. Letter no NGC 2008 (97/08) Maha.Edu. Date: 10.10.2008.  
3) Govt. GR. No. NGC 2008 (97/08) Maha- Edu. Date: 14th May 2009.  
4) Director's (Higher Education) Letter No NGC 2009/

Government accepted a policy that only one college / faculty in every Tahsil should be on 100% grant in aid basis by it's gr date Feb-04-2008. In every Tahsil if there is no grant-in-aid College or Faculty in these Tahsil the Faculty will be in consideration for grant- in- aid as per GR of 04/02/2008. As per GR of 04/02/2008 proposals received by concerning societies are scrutinized by task force constitute by government in its meeting on 26.05.2010. In consideration of task force recommendation 09 colleges and faculties before their name in proforma A are permitted 100% grand –in aid from the academic year 2010-11 by adding certain term and conditions.

Proforma – A

Sr. No.	District	Tahsil	Society Name	College Name	Recommendation Faculty for Grant
1	Solapur	Karmala	Sahkar Mahrshi Shankarrao Mohite Patil Pratishthan, Shakarnagar Akluj Ta. Malshiras Dist:- Solapur	Pratapsih Mohite Patil Mahavidyalya karmala Dist. Solapur	Science
2	Amravati	Nandgaon khandeshwar	Pravin Khodke Memorial Trust, Amravati	Vinyak Science Mahavidyalya, Nandgaon Khandeshwar Ta. Nandgaon Khandeshwar, Dist:Amravati	Science
3	Amravati	Chandur Railway	Atul Vidya Mandir (Wardha) Branch Chandur Railway,Dist. Amravati	Rajarshee Shahu Science College, Chandur Railway, Dist. Amravati	Science

10-05-2010 11/1/10

4	Yavatmal	Babhulgaon	Sudam Shikshan Prasarak Mandal, Yavatmal	Matoshri Nanibai Dharphalkar Science Mahavidyalya, Ta. Babhulgaon, Dist. Yavatmal	Science
5	Akola	Telhara	Narsingh Maharaj Bahaudeshiya Vikas Society Akot Dist. Akola	Na. R. R. Patil Science Mahavidyalya, Telhara Ta. Telhara, Dist. Akola	Science
6	Wardha	Selu	Vidyabharti Society Wardha	Vidyabharti Mahavidyalya Selu, Dist. Wardha	Science
7	Gondia	Salekasa	Pratap Memorial Charitable Trust Shankarbhan Gondia	Shankarlal Agrwal Science Mahavidyalya, Salekasa Dist. Gondia	Science
8	Chandrapur	Nagbhid	Manoharbai Shikshan Prasarak Mandal Armori, Dist. Gadchiroli	Rashtrapita Mahatma Gandhi Art Science Mahavidyalya, Nagbhid, Ta. Nagbhid, Dist. Chandrapur	Science
9	Gadchiroli	Desaiganj	Ballapur Seva Samiti Ballapur, Dist. Chandrapur	Mohsinbhai Jvheri Mahavidyalya, Wadsa Desaiganj, Dist. Gadchiroli	Science

#### 02. Terms and Condition.

- 1) It is necessary to appoint teacher staff / non – teaching staff ( Full time Principal, Librarian / Teachers) as per criteria of university and Education qualification guided by U.G.C. All the infrastructural facilities should be available i.e. (own Building, Laborites. Library, Playground, Separate urinal for Boys & Girls) Joint Director of the division should ensure these facilities.
- 2) College should not give admission beyond permitted capacity.
- 3) According to Govt. letter No. NGC. 3593/5443/ Date: 24 September 1993 criteria related to admitted students should be fulfilled strictly. If not fulfilled from next academic year grant will be stopped of the concerning College / Faculty.
- 4) Concerning College / Managements most their teaching and non – teaching staff rules and regulation Pay scales, guided by govt. and university.

- 5) Concerning Colleges should strictly follows the GRS issued by government time to time, and it is obligatory for them ( students admission, merit, category wise reservation and Education fees etc) .
- 6) Concerning colleges should archive their NAAC in the academic year 201-11 and 2011-2012.
- 7) Mismanagement in the institution, mismanagement in teachers selection and the members of the management have not criminal offences concerning institution should submit guarantee letter on 100/- rs non- judicial stamp to the divisional Joint Director.
- 8) Concerning colleges will not get other grant except salary grant.
- 9) In accessible and hilly region colleges should give hostel facility for the students with their own expenses.
- 10) The audit of the concerning colleges govt. grant will be done by accountant general govt. time to time.
- 11) Before giving affiliation to the concerning Colleges / Faculty University will be ensured to fulfill certain terms and condition.
- 4) These order are available on Govt. website [www.Maharashtra .gov.in](http://www.Maharashtra.gov.in). The computer index no is 20100804161721001 Read by the order of the Governor of Maharashtra.

V. G. Chandekar  
Incharge Office  
Govt. of Maharashtra

Copy to :  
Director, Higher Education, Maharashtra State  
All divisional Joint Directors, Higher Education



तालुक्यातील एकमेव महाविद्यालयास / विद्याशाखेस १०० %  
अनुदान योजनेअंतर्गत पूर्णतः अनुदान सुरु करण्याव्यतः...  
राजर्षी शाहू विज्ञान महाविद्यालय, चांदूररेल्वे, जि. अमरावती

#### महाराष्ट्र शासन

##### उच्च व तंत्र शिक्षण विभाग

शासन निर्णय क्रमांक : विअया-२०११/(२६१/११)/मशि-४

मंत्रालय विस्तार भवन, मुंबई ४०००३२

दिनांक : २५ ऑगस्ट, २०१४.

- वाचा: १. शासन निर्णय क्र. एनजीसी-२००७/(१६४/०७)/मशि-३, दि.४.२.२००८  
२. शासन आदेश क्र. एनजीसी-२००९/(२२५/०९)/मशि-४, दि.५.८.२०१०  
३. मा. उच्च न्यायालय, नागपुर यांनी याचिका क्र. ३९९४/२०१० मध्ये दि.२९.६.२०११ रोजी दिलेला निर्णय  
४. मा. सर्वोच्च न्यायालयाने विशेष अनुमती याचिका क्र. २०४१२/२०१२ मध्ये दि.१२.११.२०१३ रोजी दिलेला निर्णय.  
५. शासन आदेश क्र. विअया-२०११/(२६१/११)/मशि-४, दि.३०.४.२०१४.  
६. मा. उच्च न्यायालय, नागपुर यांनी याचिका क्र. १२२२/२०१४ व इतर याचिकांमध्ये दि.१६.७.२०१४ रोजी दिलेला निर्णय.

#### शासन आदेश

शासन निर्णय क्र. एनजीसी-२००७/(१६४/०७)/मशि-३, दि.४.२.२००८ अन्वये राज्यातील प्रत्येक तालुक्यातील किमान एका महाविद्यालयास / विद्याशाखेस १०० टक्के अनुदान मंजूर करण्याचा निर्णय शासनाने घेतला आहे. सदर निर्णयानुसार शासन आदेश क्र. एनजीसी-२००९/(२२५/०९)/मशि-४, दि.५.८.२०१० अन्वये अतुल विद्यामंदिर (वर्धा) शाखा चांदूररेल्वे, जि. अमरावती यांचे राजर्षी शाहू विज्ञान महाविद्यालय, चांदूररेल्वे, जि. अमरावती या महाविद्यालयातील "विज्ञान" या विद्याशाखेस अनुदान मंजूर करण्यात आले होते. तथापि, याचिका क्र. ३९९४/२०१० मध्ये मा. उच्च न्यायालय, नागपुर खंडपीठ, नागपुर यांनी दि.२९.६.२०११ रोजी दिलेला न्यायनिर्णय व मा. सर्वोच्च न्यायालय, नवी दिल्ली यांनी सदर न्याय निर्णय विशेष अनुमती याचिका क्र. २०४१२/२०१२ मध्ये दि. १२.११.२०१३ रोजी कायम केला होता. सदर न्यायनिर्णय विचारात घेऊन, महाविद्यालयाचे अनुदान शासन आदेश क्र. विअया-२०११/(२६१/११)/मशि-४, दि.३०.४.२०१४ अन्वये रद्द करण्यात आले होते.

सदर निर्णयास शासन निर्णय दि. ५.८.२०१० मध्ये समावेश असलेल्या महाविद्यालयांनी मा. उच्च न्यायालय, नागपुर खंडपीठ, नागपुर येथे याचिका दाखल केल्या होत्या. सदर याचिकांमध्ये दि.१६.७.२०१४ रोजी पुढील प्रमाणे निर्णय दिला आहे -

"The decision appears to have been taken without extending any opportunity of hearing to the petitioners were not party to earlier Writ petition. if there was no other competing claim from the Tahsil in which colleges of petitioners are located and if entitlement of petitioner has already crystallized, the respondents could not have cancelled that consideration and entitlement without extend opportunity of hearing to all petitioners and there after take suitable decision in accordance with law. Petitioners shall be heard within a period of three weeks of the receipt of this order by respondent no.१ and suitable

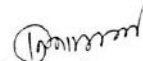
C:\Users\lavindra.mayekar\Desktop\sudam २०१४१२.२०११.docx १

decision be taken within further weeks. Before embarking on this exercise, respondents shall also communicate to petitioners lacunae if any, noticed by them in the proposal of petitioners in the light of advertisement dated १७.१०.२००८ or then revised norms."

उपरोक्त न्यायनिर्णय विचारात घेऊन सर्व संबंधित महाविद्यालयांना त्यांची बाजू मांडण्याची संधी दि. २.८.२०१४ रोजी घेण्यात आलेल्या सुनावणीद्वारे देण्यात आली होती. सदर सुनावणी दरम्यान संबंधित महाविद्यालयीन बाजू विचारात घेऊन व शासन निर्णय दि. ५.८.२०१० अन्वये अनुदान मंजूर करताना असलेला एकमेव अर्जदार विचारात घेऊन टास्क फोर्स समितीच्या शिफारशीनुसार अनुदान मंजूर करण्यात आले आहे. तसेच मुळ न्यायालयीन याचिका क्र. ३९९४/२०१० मध्येही मा. उच्च न्यायालय, नागपुर खंडपीठ, नागपुर यांनी दि. २९.६.२०११ रोजी दिलेल्या निर्णयात याचिकेतील प्रतिवादी महाविद्यालयाव्यतिरीक्त इतर महाविद्यालयांवर कोणतेही भाष्य केलेले नाही. या सर्व बाबी विचारात घेऊन राजर्षी शाहू विज्ञान महाविद्यालय, चांदुररेल्वे, जि. अमरावती या महाविद्यालयातील विज्ञान विद्याशाखेचे अनुदान पुर्ववत सुरु करण्याच्या निर्णयास मान्यता देण्यात येत आहे.

वरील निर्णयांमुळे शासन आदेश क्र. विअया-२०११/(२६१/११)/मशि-४, दि. ३०.४.२०१४ रद्द करण्यात येत असून सदर महाविद्यालयातील विज्ञान विद्याशाखेस दि. १.१२.२०१३ पासून अनुदान सुरु करण्यासही मान्यता देण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने,

  
(नि. भा. मराठे)  
अवर सचिव, महाराष्ट्र शासन

प्रत,

- १) संचालक, उच्च शिक्षण, महाराष्ट्र राज्य, पुणे.
- २) विभागीय सहसंचालक, उच्च शिक्षण, अमरावती
- ३) महालेखापाल, लेखा अनुज्ञेयता/लेखा परीक्षा १/२, मुंबई/नागपुर
- ४) अधिदान व लेखा अधिकारी, मुंबई / नागपुर
- ५) जिल्हा कोषागार अधिकारी, अमरावती
- ६) प्राचार्य, राजर्षी शाहू विज्ञान महाविद्यालय, चांदुररेल्वे, जि. अमरावती
- ७) निवड नस्ती (मशि-४)

**True Translation in English Version**  
Order of Maharashtra Government about  
recontinuation of 100% grant-in Aid to  
Tahasil's only one College / Faculty...  
Rajarshee Shahu Science College,  
Chandur Rly, Dist: Amravati

**Government of Maharashtra**  
**Higher and Technical Education Department**  
Government Resolution No. विअया -2011 (261/11) मंश -4  
Maharashtra Visitor Bhavan Mumbai-400032

Dated: 25<sup>th</sup> August, 2014.

- See: 1. Government Resolution No. NGC.2007/ (164/07) मंश - 3, Dated 4.2.2008  
2. Government Order No. NGC - 2009/(225/09) मंश - 4, Dated 5.8.2010  
3. Hon'ble High Court, Nagpur's Judgement in Petition No-3994/2010 dated 29/06/ 2011  
4. Hon'ble Suprim Court's Judgement on special Petition No. 20412/2012 dated 12.11.2013.  
5. Government Order No. विअया - 2011/(261/11) मंश - 4 dated 30/04/2014.  
6. Hon'ble High Court's Judgement on Petition No. 1222 / 2014 & other petition dated 16.7.2014.

**Government Order**

In context to Government Resolution No. NGC - 2007 / (164/07) / मंश -3, dated 4.2.2008, the Government has taken the decision to grant at least one College / Faculty on 100 % grant -in Aid at every Tahasil place of the state. According to this decision, Government order No. NGC - 2009 / (225/09) / मंश - 4, dated 5.8.2010, grant-in Aid "Science" faculty was granted to Rajarshee Shahu Science College, Chandur Rly run by Atul Vidya Mandir (Wardha) Branch Chandur Rly. However, taking into account the judgment of hon'ble High Court vide writ petition No. 3994/2010 dated 29.06.2011 and confirmation of judgment of hon'ble High Court, Nagpur bench by the hon'ble Suprim Court New Delhi vide special writ petition No. 204/2/2012 dated 12.11.2013, grant - in Aid status of the college was withdrawn as per Government order No. विअया 2011/(261/11) मंश - 4 dated 30.4.2014.

In view of the above decision, the colleges which were included in Government Resolution dated 5.8.2010, submitted writ petition at the Nagpur High Court and there on the High Court has passed the order on 16.07.2014 as under -

"The decision appears to have been taken without extending any opportunity of hearing to the petitioners who were not party to earlier Writ petition. If there was no other competing claim from the Tahsil in which colleges of petitioners are located and if entitlement of petitioner has already crystallized, the respondents could not have cancelled that consideration and entitlement without extended opportunity of hearing to all petitioners and there after take suitable decision in accordance with law. Petitioners shall be heard within a period of three weeks of the receipt of this order by respondent no.1 and suitable decision be taken within further weeks. Before embarking on this exercise, respondents shall also communicate to petitioners lacunae if any, noticed by them in the proposal of petitioners in the light of advertisement dated 17.10.2008 or then revised norms."

In view of above court's decision, all the concerned colleges have been given an opportunity to put their say before the 'Taskforce Committee' on 2.8.2014. After listening the say of concerned colleges and receipt of only application for grant formalities vide Government's Resolution dated



5.8.2010, as per the recommendation of 'Taskforce' Committee, college was sanctioned the grant-in Aid basis. Similarly, in the court's decision on original writ petition No. 3994/2010 dated 29.6.2011 too, honorable High Court, Nagpur bench, stated that there is no other college than the petitioner college. No comment has been made by the Court regarding other colleges. Taking into account all above facts, grant-in Aid status is reallocated to the Rajarshree Shahu Science College, Chandur Rly as before.

In view of above decision, Government Order No विअया-2011/(261/11)मशि-4, dated 30.4.2014, stand cancelled and grant – in Aid status to the science faculty the Rajarshree Shahu Science College have been approved from 1/12/2013.

By the order of Honorable Governor of Maharashtra.

Sd/-

(N.B. Marale)

Upper Secretary, Maharashtra Government

Copy to :-

1. Director, Higher Education, Maharashtra State, Pune
2. Joint Director, Higher Education, Amravati Division
3. Accountant General, Account Assessment/Account Audit 1/2, Mumbai/Nagpur
4. Grant & Account Officer, Mumbai/Nagpur
5. District Treasurer, Amravati
6. Principal, Rajarshree Shahu Science College, Chandur Rly, Dist. Amravati
7. Nivad Nasti (मशि -4)

RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. : F / 1335 / WRD & MAH/871/91  
NON SALARY ACCOUNT

RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2013

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	17341.70	Contingencies Expenses ( As per Schedule - 2 )	158380.00
Cash in Hand	114.70	Fees Paid To University ( As per Schedule - 3 )	98045.00
With Bank		Current Lab Expenses :- Science Lab Practical Exp.	1475.00
Bank of Maharashtra -264	17227.00	Loans & Advances :- Rajarshee Shahu - Salary A/c	60000.00
SBI ( GOI ) A/c. No. 55071	0.00	Building Insurance Expenses	4990.00
Fees Received From Student ( As per Schedule - 1 )	386176.00	Scholarship Paid G.O.I. Sch. Grant	323832.00
Loans & Advances R.S.Sci. College No-Grant A/c.	12000.00	E.B.C. Grant	1020.00
Uni. Grant Received, Students Sport Grant	1016.00	P.T.C. Grant	690.00
Exam. Grant	28171.00	ADDITIONS TO FIXED ASSETS	10569.50
Scholarship Received G.O.I. Sch. Grant	416968.00	Sport Material	8726.00
E.B.C. Grant	1020.00	Library Books	1843.50
P.T.C. Grant	690.00	CLOSING BALANCES	204643.70
Other Income		Cash in Hand	125.70
Discount on Other	262.50	With Bank-	
		Bank of Maharashtra -264	107032.00
		SBI ( GOI ) A/c. No. 55071	97486.00
TOTAL RS. ..	803645.20	TOTAL RS. ..	863645.20

Place : Amravati  
Date : 05.06.2013

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants

Aslam N. Khan  
Principal

Walmikrao Y. Jagtap  
President

Virendra W. Jagtap  
Secretary

CA Rajesh Chandak  
Partner  
M. No. 41917

Rajarshee Shahu Science College  
Chandur Rly., Dist. Amravati.

RAJARSHEE SHAHU SCIENCE COLLEGE , CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. : F / 1335 / WRD & MAH/871/91  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2013  
NO GRANT ACCOUNT

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	68931.00	Salary Expenses	47825.00
Cash in Hand	245.00	Contingencies Expenses :-	32675.00
With Bank		Printing & Stationary Expenses	5412.00
Bank of Maharashtra - 8158	68686.00	Tea & Refreshment Expenses	1688.00
Bank Interest Received	1975.00	Computer Lab Expenses	12855.00
Collected From Staff :-	1050.00	Misc. Expenses	4847.00
Professional Tax		Travelling Expenses	500.00
		Advertisement Expenses	2400.00
Student Fee Received :-	138430.00	Zerox & Computer Typing Exp.	4973.00
Tuition Fees	16000.00	Deposited With Respective Authorities :-	1050.00
Laboratory Fees	4000.00	Professional Tax	1050.00
Computer Sci. Fees	118430.00		
		Loans & Advance :-	12000.00
		R.S. Sci.College Non - Salary	6000.00
		R.S.Sci. College G.O.I.	6000.00
		Additions To Fixed Assets :-	59323.00
		Science Lab Equipments	25200.00
		Furniture Fixture Purchase	13400.00
		Office Equipments	13800.00
		Dead Stock	3800.00
		Library Books	3123.00
		CLOSING BALANCES	57513.00
		Cash in Hand	117.00
		With Bank -	57396.00
		Bank of Maharashtra - 8158	
TOTAL RS...	210386.00	TOTAL RS...	210386.00

Place : Amravati  
Date : 05.06.2013

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants

Aslam N. Khan  
Principal

Walmikrao Y. Jagtap  
President

Virendra W. Jagtap  
Secretary

CA Rajesh Chandak  
Partner  
M. No. 41917

Rajarshee Shahu Science College  
Chandur Rly., Dist. Amravati.



RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY

[ RUN BY ATUL VIDYA MANDIR WARDHA ]  
REGISTRATION NO F/1335/WRD & MAH/871/91  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2013  
SALARY GRANT ACCOUNT

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	9568.00	Salary & Wages Teaching Staff :-	4437049.00
Cash in Hand	0.00	Basic Pay	1673567.00
Bank Of Maharashtra - 1949	9568.00	Grade Pay	576867.00
Grant Received	6966506.00	D.A	1376426.00
Salary Grant	6421466.00	D.A Arrears	106499.00
CHB Remuneration Grant	545040.00	H.R.A	260987.00
Loans & Advances	60000.00	Conveyance Allowance	60211.00
( Rajarshee Shahu Science College )		Prin Spl. Allowance	14532.00
		CHB Remuneration	368160.00
Salary Deductions	1170485.00	Non Teaching Staff :-	2287283.00
Income Tax	350000.00	Basic Pay	982200.00
Professional Tax	58950.00	Grade Pay	302400.00
L.I.C.	365318.00	D.A	790498.00
Group L.I.C.	11817.00	D.A Arrears	57075.00
The Khamgaon Urban Bank	384400.00	H.R.A	128460.00
		Conveyance Allowance	21650.00
		Payments out of Salary Deductions	1170485.00
		Income Tax	350000.00
		Professional Tax	58950.00
		L.I.C.	365318.00
		Group L.I.C.	11817.00
		The Khamgaon Urban Bank	384400.00
		Bank Commission	420.00
		CLOSING BALANCES	316322.00
		Cash in Hand	0.00
		Bank Of Maharashtra - 1949	316322.00
TOTAL RS	8206559.00	TOTAL RS...	8206559.00

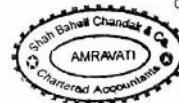
Date : 05.06.2013  
Place : Amravati

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants

Aslam N. Khan Walmikrao Y. Jagtap  
Principal President

Virendra W. Jagtap  
Secretary

Principal  
Rajarshee Shahu Science College  
Chandur Rly, Dist. Amravati.  
ATUL VIDYA MANDIR 31.03.13




CA Rajesh Chandak  
Partner  
M. No. 41917

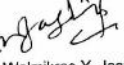
RAJARSHEE SHAHU SCIENCE COLLEGE , CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR , WARDHA ]  
REGISTRATION NO. : F / 1335 / WRD & MAH/871/91  
NON SALARY ACCOUNT  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2014

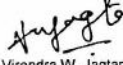
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	107157.70	Contingencies Expenses ( As per Schedule - 2 )	166936.00
Cash in Hand	125.70	Fees Paid To University ( As per Schedule - 3 )	159912.50
With Bank		Lab Expenses	67697.00
Bank of Maharashtra -264	107032.00	Science Lab Practical Exp.	67697.00
Fees Received From Student ( As per Schedule - 1 )	390450.00	Tuition Fees Transfer To Rajarshee Shahu - Salary A/c	66400.00
Loans & Advances ( Atul Vidya Mandir Chandur Rly )	500000.00	Uni. Grant Expenses	60013.00
Uni. Grant Received	81793.00	Students Sport Grant	9220.00
Students Sport Grant	4500.00	University Exam. Expenses	77293.00
Exam. Grant	77293.00	Building Insurance Policy	4900.00
Scholarship Received	1030.00	Scholarship Paid	1030.00
E.B.C. Grant	340.00	E.B.C. Grant	340.00
P.T.C. Grant	690.00	P.T.C. Grant	690.00
		ADDITIONS TO FIXED ASSETS	436771.00
		Science Equipment	399188.00
		Sport Material	6502.00
		Library Books	53081.00
		CLOSING BALANCES	10161.20
		Cash in Hand	1268.20
		With Bank-	
		Bank of Maharashtra -264	14913.00
TOTAL RS...	1080430.70	TOTAL RS...	1050430.70

Place : Amravati  
Date : 17.07.2014


Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants

  
Aslam N. Khan  
Principal

  
Walmikrao Y. Jagtap  
President  
अध्यक्ष

  
Virendra W. Jagtap  
Secretary  
सचिव



  
CA Rajesh Chandak  
Partner  
M. No. 41917

**Principal**  
Rajarshee Shahu Science College  
Chandur Rly., Dist. Amravati.

अतुल विद्या मंदीर वर्धा अतुल विद्या मंदीर वर्धा



**RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY**  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]

REGISTRATION NO : F / 1335 / WRD & MAH/871/91

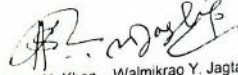
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2014

**SALARY GRANT ACCOUNT**

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	316322.00	Salary & Wages Teaching Staff :-	2618481.00
Cash in Hand	0.00	( Schedule - 2 )	
Bank Of Maharashtra - 1949	316322.00	Non Teaching Staff :-	1664015.00
Grant Received	7413605.00	( Schedule - 3 )	
( Schedule - 1 )		D.A. Arrears :-	420528.00
Rajarshee Shahu Science College	98400.00	( Schedule - 4 )	
( Tuition Fee )		Salary Arrears Teaching Staff	1157167.00
Salary Deductions -	1586199.00	( Schedule - 5 )	
Income Tax	145000.00	Salary Arrears Non Teaching Staff	1546964.00
Professional Tax	31800.00	( Schedule - 6 )	
L.I.C.	252254.00	Payments out of Salary Deductions	1588380.00
Group L.I.C.	18663.00	( Schedule - 7 )	
The Khamgaon Urban Bank	363300.00	Payments out of Arrears Deductions	244750.00
The P.D. Urban Bank	145000.00	( Schedule - 8 )	
D.C.P.S.	630182.00	Payments out of Ph.D Deductions	6000.00
Salary Arrears Deduction	244750.00	( Schedule - 9 )	
Income Tax	212500.00	Payments out of Ph.D Deductions	2450.00
Professional Tax	32250.00	( Schedule - 10 )	
Ph.D Arrears Deduction	6000.00	Ph.D Arrears Paid	52000.00
Income Tax	6000.00	CHB Remuneration Paid	193992.00
CHB Arrears Deduction	2450.00	Medical Remb. Paid	32804.00
Professional Tax	2450.00	Group LIC Late Fee Paid	486.00
		E-TDS Return Late Fee Paid	1000.00
		Bank Commission	140.00
		CLOSING BALANCES	138569.00
		Cash in Hand	0.00
		Bank Of Maharashtra - 1949	138569.00
<b>TOTAL RS...</b>	<b>9667726.00</b>	<b>TOTAL RS...</b>	<b>9667726.00</b>

Date : 17.07.2014  
Place : Amravati

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants

  
Aslam N. Khan  
Principal

Walmikrao Y. Jagtap  
President  
अध्यक्ष

अतुल विद्या मंदीर वर्धा

  
Virendra W. Jagtap  
Secretary  
सचिव

अतुल विद्या मंदीर वर्धा



  
CA Rajesh Chandak  
Partner  
M. No. 41917


**Principal**  
Rajarshee Shahu Science College  
Chandur Rly. Dist. Amravati.

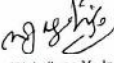
RAJARSHEE SHAHU SCIENCE COLLEGE , CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO : F/1335/WRD & MAH/871/91  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2014  
NO GRANT ACCOUNT

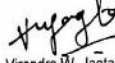
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	57513.00	Salary Expenses	75870.00
Cash in Hand	117.00	Contingencies Expenses :-	
With Bank		Extra Curri. Activity Expenses	4970.00
Bank of Maharashtra - 8158	57396.00	Printing & Stationary Expenses	13395.00
Bank Interest Received	1879.00	Postage & Telegram Expenses	39.00
Collected From Staff :-	350.00	Computer Lab Expenses	7400.00
Professional Tax	350.00	Misc. Expenses	7437.00
Student Fee Received	150735.00	Travelling Expenses	1425.00
		Advertisement Expenses	5000.00
		Photo Copy & Computer Typing Exp.	2746.00
		Laboratory Expenses	21909.00
		Audit Fees	6000.00
		Gathering Expenses	9000.00
		Deposited With Respective Authorities :-	350.00
		Professional Tax	350.00
		Student Fees Return	760.00
		Additions To Fixed Assets :-	33265.00
		Science Lab Equipments	30695.00
		Dead Stock	1330.00
		Library Books	1240.00
		CLOSING BALANCES	20911.00
		Cash in Hand	20.00
		With Bank -	20891.00
		Bank of Maharashtra - 8158	
TOTAL RS...	210477.00	TOTAL RS...	210477.00

Place Amravati  
Date : 17.07.2014

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants

  
Aslam N. Khan  
Principal

  
Walmikrao Y. Jagtap  
President

  
Virendra W. Jagtap  
Secretary

  
CA Rajesh Chandak  
Partner  
M. No. 41917

**Principal**  
Rajarshee Shahu Science College  
Chandur Rly., Dist. Amravati.


अतुल विद्या मंदीर वर्धा अतुल विद्या मंदीर वर्धा

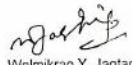
RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. F/1335 / WRD & MAH/671/91  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2014  
SCHLORSHIP ACCOUNT

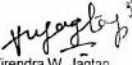
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	97486.00		
Cash in Hand	0.00		
State Bank Of India - 55071	97486.00	Bank Commission	1161.00
Scholarship Received	115096.00	Scholarship Paid	188787.00
Tuition Fee Recovery	42400.00	Tuition Fee Transfer To Rajarshee Shahu Non Salary A/c	42400.00
Other Fee Recovery	69330.00	Other Fee Transfer To Rajarshee Shahu Non Salary A/c	69330.00
Grant Received :- Vakrutva Karandak Spardha	29735.00	Grant Paid :- Vakrutva Karandak Spardha	29735.00
		CLOSING BALANCES	22634.00
		Cash in Hand	0.00
		State Bank Of India - 55071	22634.00
<b>TOTAL RS...</b>	<b>354047.00</b>	<b>TOTAL RS...</b>	<b>354047.00</b>

Date : 17.07.2014  
Place : Amravati

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants


  
Aslam N. Khan  
Principal

  
Walmikrao Y. Jagtap  
President

  
Virendra W. Jagtap  
Secretary

अतुल विद्या मंदीर वर्धा अतुल विद्या मंदीर वर्धा



  
CA Rajesh Chandak  
Partner  
M. No. 41917

**Principal**  
Rajarshee Shahu Science College  
Chandur Rly., Dist. Amravati.


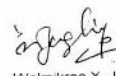
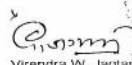



RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. F/1335 / WRD & MAH/871/91  
NON SALARY ACCOUNT  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2015

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	16181.20	Contingencies Expenses ( As per Schedule - 2 )	238545.00
Cash in Hand 1268.20		Fees Paid To University ( As per Schedule - 3 )	272100.00
With Bank		Lab Expenses	1279.50
Bank of Maharashtra -264- 14913.00		Science Lab Practical Exp 1279.50	
Fees Received From Student ( As per Schedule - 1 )	714443.00	Loans & Advances	34350.00
Loans & Advances	34441.00	Atul Vidya Mandir 20000.00	
Atul Vidya Mandir 20000.00		M.P. Waghmare 4350.00	
M.P. Waghmare 4441.00		R. Shahu Sr. Salary A/c 10000.00	
R. Shahu Sr. Salary A/c 10000.00		Uni Grant Expenses	50744.00
Uni Grant Received	50744.00	Exam Expenses 50744.00	
Exam Grant 50744.00		Building Insurance Policy	4993.00
Misc Income (Scrap Sale)	700.00	Tuition Fees Transfer To Rajarshee Shahu - Salary A/c 95200.00	95200.00
		Additions To Fixed Assets	36121.00
		Science Equipment 6103.00	
		Library Books 30018.00	
		CLOSING BALANCES	83086.70
		Cash in Hand 533.70	
		With Bank-	
		Bank of Maharashtra -264- 82553.00	
TOTAL RS..	816509.20	TOTAL RS..	816509.20

Place : Amravati  
Date : 29.05.2015

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants  
FRN 109513w


 Aslam N. Khan  
Principal  
Rajarshee Shahu Science College  
Chandur Rly. Dist. Amravati
  Walmikrao Y. Jagtap  
President  
अध्यक्ष  
राजर्षी शाहु सायेंस कॉलेज
  Virendra W. Jagtap  
Secretary  
सचिव  
राजर्षी शाहु सायेंस कॉलेज
  CA Rajesh Chaudak  
Partner  
M. No. 41917


RAJARSHEE SHAHU SCIENCE COLLEGE , CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. F/1335 / WRD & MAH/871/91  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2015  
NO GRANT ACCOUNT

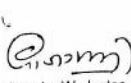
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	20911.00	Remuneration Expenses	102810.00
Cash in Hand	20.00	Contingencies Expenses :-	
With Bank		Extra Curri. Activity Expenses	17678.00
Bank of Maharashtra - 8158	20891.00	Printing & Stationary Expenses	16497.00
		Postage & Telegram Expenses	61.00
Bank Interest Received	2992.00	Computer Lab Expenses	9000.00
		Misc. Expenses	8999.00
Student Fee Received	237485.00	Travelling Expenses	11700.00
		Advertisement Expenses	3720.00
		Photo Copy & Computer Typing Exp.	1470.00
		College Expenses	12350.00
		Repair & Maintenance Exp.	6730.00
		Audit Fees	3000.00
		College Exam. Expenses	5000.00
		Additions To Fixed Assets :-	1647.00
		Dead Stock	1647.00
		CLOSING BALANCES	60726.00
		Cash in Hand	78.00
		With Bank -	60648.00
		Bank of Maharashtra - 8158	
TOTAL RS...	261388.00	TOTAL RS...	261388.00


Place : Amravati  
Date : 29.05.2015

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants  
FRN 109513w

  
Aslam N. Khan  
Principal  
**Principal**  
Rajarshee Shahu Science College  
Chandur Rly. Distt. Amravati

  
Walmikrao Y. Jagtap  
President  
अध्यक्ष  
राजार्शे शाहू सायेंस कॉलेज

  
Virendra W. Jagtap  
Secretary  
सचिव  
राजार्शे शाहू सायेंस कॉलेज


  
CA Rajesh Chandak  
Partner  
M. No. 41917


RAJARSHEE SHAHU SCIENCE COLLEGE , CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. F/1335 / WRD & MAH/871/91  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2015  
SALARY GRANT ACCOUNT

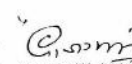
RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	138569.00	Salary & Wages Teaching Staff :- ( Schedule - 2 )	6626174.00
Cash in Hand 0.00			
Bank Of Maharashtra -1949 138569.00			
Grant Received ( Schedule - 1 )	10767811.00	Non Teaching Staff :- ( Schedule - 3 )	3474145.00
Rajarshee Shahu Science College ( Tuition Fee )	95200.00	D.A. Arrears :- ( Schedule - 4 )	255612.00
Salary Deductions :-	2952674.00	Payments out of Salary Deductions	2955658.00
Income Tax 411400.00		Income Tax 411400.00	
Professional Tax 66300.00		Professional Tax 66300.00	
L.I.C. 486352.00		LIC 486352.00	
Group L.I.C. 43290.00		Group LIC 43290.00	
The Khamgaon Urban Bank 610200.00		The Khamgaon Bank 610200.00	
The P.D. Urban Bank 187300.00		Dr P.D. Urban Bank 187300.00	
D.C.P.S. 1131405.00		D.C.P.S. 1134589.00	
G.P.F. 16427.00		G.P.F. 16427.00	
CHB Arrears Deduction	3675.00	Payments out of CHB Deductions	3675.00
Professional Tax 3675.00		Professional Tax 3675.00	
Group LIC Claim Received	515.00	Group LIC Claim Paid	515.00
		Bank Commission	420.00
		CHB Remuneration Paid	206760.00
		CLOSING BALANCES	434085.00
		Cash in Hand 0.00	
		Bank Of Maharashtra - 1949 434085.00	
TOTAL RS...	13958444.00	TOTAL RS...	13958444.00

Date : 29.05.2015  
Place : Amravati

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants  
FRN 109513w

  
Aslam N. Khan  
Principal  
Principal  
Rajarshee Shahu Science College  
Chandur Rly. Distt. Amravati

  
Walmikrao Y. Jagtap  
President  
अध्यक्ष  
राजार्शेे शाहु सायेंस कॉलेज  
चंदूर रेल्वे स्टेशन, अमरावती

  
Virendra W. Jagtap  
Secretary  
सचिव  
राजार्शेे शाहु सायेंस कॉलेज  
चंदूर रेल्वे स्टेशन, अमरावती

  
CA Rajesh Chandak  
Partner  
M. No. 41917

RAJARSHEE SHAHU SCIENCE COLLEGE , CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. F/1335 / WRD & MAH/671/91  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2015  
SCHOLARSHIP ACCOUNT

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	22634.00		
Cash in Hand 0.00			
State Bank Of India - 55071 22634.00		Bank Commission	643.00
Scholarship Received	395480.00	Scholarship Paid	370107.00
Tuition Fee Recovery	85600.00	Tuition Fee Transfer To Rajarshee Shahu Non Salary A/c	85600.00
Other Fee Recovery	160005.00	Other Fee Transfer To Rajarshee Shahu Non Salary A/c	160005.00
		CLOSING BALANCES	47364.00
		Cash in Hand 0.00	
		State Bank Of India - 55071 47364.00	
TOTAL RS...	663719.00	TOTAL RS...	663719.00

Date : 29.05.2015  
Place : Amravati

Checked & found to be correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants  
FRN 109513w

Principal  
Walmikrao Y. Jagtap  
President  
Virendra W. Jagtap  
Secretary  
Principal  
Rajarshee Shahu Science College  
Chandur Rly. Distt. Amravati

CA Rajesh Chandak  
Partner  
M. No. 41917

RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY  
Salary Grant Account For The Year Ended 31st March 2015

Schedule :- 1  
Grant Received

Particulars	Amount
Salary Grant	10197158.00
CHB Remuneration Grant	244560.00
D.A. Arrears	326093.00
Total....	10767811.00

Schedule :- 3  
Salary & Wages Non Teaching Staff :-

Particulars	Amount
Basic Pay	1294368.00
Grade Pay	374610.00
D.A.	1591809.00
H.R.A.	166898.00
Conveyance Allowance	46460.00
Total....	3474145.00

Schedule :- 2  
Salary & Wages Teaching Staff :-

Particulars	Amount
Basic Pay	2418720.00
Grade Pay	744000.00
D.A.	3036273.00
H.R.A.	316272.00
Conveyance Allowance	110909.00
Total....	6626174.00

Schedule :- 4  
D.A. Arrears Staff :-

Particulars	Amount
Teaching Staff	160317.00
Non Teaching Staff	96495.00
Total....	256812.00



RAJARSHEE SHAHU SCIENCE COLLEGE , CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. F/1335 / WRD & MAH/871/81  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2016  
SALARY GRANT ACCOUNT

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	434085.00	Salary & Wages Teaching Staff :- ( Schedule - 2 )	6625302.00
Cash in Hand	0.00		
Bank Of Maharashtra -1949	434085.00		
Grant Received ( Schedule - 1 )	9768179.00	Salary & Wages Non Teaching Staff :- ( Schedule - 3 )	2713434.00
Rajarshee Shahu Science College ( Tuition Fee )	144000.00	D.A. Arrears of Staff :- ( Schedule - 4 )	339379.00
Salary Deductions :-	3035528.00	Payments out of Salary Deductions	3035528.00
Income Tax	645000.00	Income Tax	645000.00
Professional Tax	50500.00	Professional Tax	50500.00
L.I.C.	402436.00	LIC	402436.00
Group L.I.C.	25272.00	Group LIC	25272.00
The Khamgaon Urban Bank	379300.00	The Khamgaon Bank	379300.00
The P.D. Urban Bank	346600.00	The P.D. Urban Bank	346600.00
State Bank of India	154000.00	State Bank of India	154000.00
D.C.P.S.	947954.00	D.C.P.S.	947954.00
G.P.F.	84466.00	G.P.F.	84466.00
		Bank Commission	429.00
		CHB Remuneration Paid	240240.00
		CLOSING BALANCES	427480.00
		Cash in Hand	0.00
		Bank Of Maharashtra - 1949	427480.00
TOTAL RS...	13381792.00	TOTAL RS...	13381792.00

Date : 30.07.2016  
Place : Amravati

Checked & Found Correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants  
FRN 109513w







Dr. Suresh S. Thakare    Walmikrao Y. Jagtap    Virendra W. Jagtap  
 Principal                      President                      Secretary  
 प्राचार्य                      अध्यक्ष                      सचिव  
 रजर्षी शाहू विज्ञान महाविद्यालय    अतुल विद्या मंदीर वर्धा    अतुल विद्या मंदीर वर्धा  
 चंद्रूर रेल्वे

CA Rajesh Chandak  
 Partner  
 M. No. 41917

RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY  
Salary Grant Account For The Year Ended 31st March, 2016

Schedule :- 1  
Grant Received

Particulars	Amount
Salary Grant	9120159.00
CHB Remuneration Grant	308640.00
D.A. Arrears	339380.00
Total....	9768179.00

Schedule :- 3  
Salary & Wages Non Teaching Staff :-

Particulars	Amount
Basic Pay	947120.00
Grade Pay	264000.00
D.A.	1332725.00
H.R.A.	121124.00
Conveyance Allowance	48465.00
Total....	2713434.00

Schedule :- 2  
Salary & Wages Teaching Staff :-

Particulars	Amount
Basic Pay	2285920.00
Grade Pay	668000.00
D.A.	3258440.00
H.R.A.	294942.00
Conveyance Allowance	111200.00
Licence free Allowance	2800.00
Other Allowance	4000.00
Total....	6625302.00

Schedule :- 4  
D.A. Arrears of Staff :-

Particulars	Amount
Teaching Staff	236932.00
Non Teaching Staff	102447.00
Total....	339379.00





RAJARSHEE SHAHU SCIENCE COLLEGE , CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. F/1335 / WRD & MAH/871/91  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2016  
NO GRANT ACCOUNT

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	60726.00	Remuneration Expenses	152960.00
Cash in Hand 78.00		CHB Teaching Staff 107960.00	
With Bank		Non Teaching Staff 45000.00	
Bank of Maharashtra - 8158 60648.00			
Bank Interest Received	6472.00	Contingencies Expenses :-	
Student Fee Received	363720.00	Extra Curri. Activity Expenses	8093.00
Advance From Society	10000.00	Printing & Stationary Expenses	4030.00
		Computer Lab Expenses	8185.00
		Travelling Expenses	8600.00
		Fees Returned To Students	4200.00
		Photo Copy & Computer Typing Exp.	7603.00
		College Expenses	14640.00
		Repair & Maintenance Exp.	7560.00
		Audit Fees	5000.00
		College Exam. Expenses	1000.00
		Non Grant Computer Sci. Fees Returned	3500.00
		National Programme Expenses	3094.00
		Building Rent	90000.00
		Additions To Fixed Assets :-	100575.00
		Battery 82800.00	
		Furniture 17775.00	
		CLOSING BALANCES	21878.00
		Cash in Hand 128.00	
		With Bank - 21750.00	
		Bank of Maharashtra - 8158	
TOTAL RS...	440918.00	TOTAL RS...	440918.00

Place : Amravati  
Date : 30.07.2016

Checked & Found Correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants  
FRN 109513w

Dr. Suresh S. Thakare Principal प्राचार्य  
Walmikrao Y. Jagtap President अध्यक्ष  
Virendra W. Jagtap Secretary सचिव  
CA Rajesh Chandak Partner M. No. 41917

राजर्षी शाहू विज्ञान महाविद्यालय, अतुल विद्या मंदिर, वर्धा  
चंद्रूर रेल्वे



RAJARSHEE SHAHU SCIENCE COLLEGE, CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]

REGISTRATION NO. F/1335 / WRD & MAH/871/91

NON SALARY ACCOUNT

RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2016

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	83086.70	Contingencies Expenses ( As per Schedule - 2 )	330750.00
Cash in Hand 533.70			
With Bank		Fees Paid To University ( As per Schedule - 3 )	338075.00
Bank of Maharashtra -264 82553.00			
Fees Received From Student ( As per Schedule - 1 )	990378.00	Lab Expenses Science Lab Practical Exp. 7350.00	7350.00
Interest Reserve Fund	150607.00	Loans & Advances	186000.00
PTC Grant Received	810.00	Atul Vidya Mandir 150000.00	
		Dotcom Info (For Software) 30000.00	
		S.K.Rathod (Against Salary Adv.) 6000.00	
Uni. Grant Received Exam. Grant 100501.00	100501.00	Uni. Grant Expenses Exam. Expenses 100501.00	100501.00
Misc. Income (Scrap Sale)	1100.00	Building Insurance Policy	5078.00
Prize Money Received	4600.00	PTC Grant Exp. 810.00	
MHRD Remuneration Received	1000.00	Workshop Grant Exp. 10000.00	
Workshop Grant Received	10000.00	Prize Money Exp. 4000.00	
		Uniform Exp. (Non Teaching) 15620.00	
		Tuition Fees Transfer To Rajarshee Shahu - Salary A/c 144000.00	144000.00
		Additions To Fixed Assets	14500.00
		Furniture 4650.00	
		Sport Equipment 5250.00	
		Dead Stock 4600.00	
		CLOSING BALANCES	185398.70
		Cash in Hand 161.70	
		With Bank-	
		Bank of Maharashtra -264 185237.00	
TOTAL RS...	1342082.70	TOTAL RS...	1342082.70

Place : Amravati  
Date : 30.07.2016

Checked & Found Correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants  
FRN 109513w

Dr. Suresh S. Thakare Principal  
Walmikrao Y. Jagtap President  
Virendra W. Jagtap Secretary  
CA Rajesh Chandak Partner  
M. No. 41917


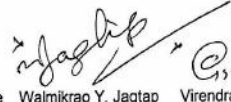



राजर्षी शाहू विज्ञान महाविद्यालय अतुल विद्या मंदिर वर्धा  
चंद्रूर रेल्वे

RAJARSHEE SHAHU SCIENCE COLLEGE , CHANDUR RAILWAY  
[ RUN BY ATUL VIDYA MANDIR, WARDHA ]  
REGISTRATION NO. F/1335 / WRD & MAH/871/91  
RECEIPTS & PAYMENTS STATEMENT For The Year Ended 31<sup>st</sup> March 2016  
SCHOLARSHIP ACCOUNT

RECEIPTS	AMOUNT	PAYMENTS	AMOUNT
OPENING BALANCES	47364.00	Bank Commission	858.00
Cash in Hand	0.00		
State Bank Of India - 55071	47364.00		
Scholarship Received	628682.00	Scholarship Paid	686882.00
Tuition Fee Recovery	141600.00	Tuition Fee Transfer To Rajarshee Shahu Non Salary A/c	141600.00
Other Fee Recovery	287110.00	Other Fee Transfer To Rajarshee Shahu Non Salary A/c	287110.00
Atul Jagtap Arts Jr. College Scholarship A/c Transfer	44652.00		
		CLOSING BALANCES	32958.00
		Cash in Hand	0.00
		State Bank Of India - 55071	32958.00
TOTAL RS...	1149408.00	TOTAL RS...	1149408.00

Date : 30.07.2016  
Place : Amravati

Checked & Found Correct  
For Shah Baheti Chandak & Co.  
Chartered Accountants  
FRN 109513w

Dr. Suresh S. Thakare    Walmikrao Y. Jagtap    Virendra W. Jagtap  
 Principal    President    Secretary  
 प्राचार्य    अध्यक्ष    सचिव  
 जर्षी शाहू विज्ञान महाविद्यालय अतुल विद्या मंदिर वर्धा    अतुल विद्या मंदिर वर्धा  
 चांदूर रेल्वे

CA Rajesh Chandak  
 Partner  
 M. No. 41917



सत्यमेव जयते  
Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

# Certificate



**Reference No. C-42968-2013**

This is to certify that ASLAM NIYAMAT KHAN of Rajarshi Shahu College of Science, Chandur Rly. Distt:- Amravati has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2013-2014.

( B N Tiwari )

Deputy Director General

**Dated:** 25/03/2017



सत्यमेव जयते

Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

# Certificate



**Reference No.** C-42968-2014

This is to certify that ASLAM NIYAMAT KHAN of Rajarshi Shahu College of Science, Chandur Rly. Distt:- Amravati has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2014-2015.

( B N Tiwari )

Deputy Director General

**Dated:** 25/03/2017





सत्यमेव जयते  
Government of India

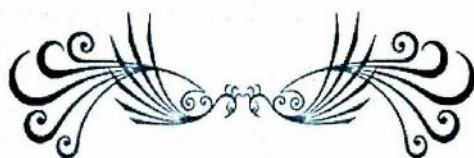
Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

# Certificate



**Reference No.** C-42968-2015

This is to certify that ASLAM NIYAMAT KHAN of Rajarshi Shahu College of Science, Chandur Rly. Distt:- Amravati has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2015-2016.

( B N Tiwari )

Deputy Director General

**Dated:** 16/03/2017



Government of India

Ministry of Human Resource Development

Department of Higher Education

Statistics Division

New Delhi

# Certificate



**Reference No.** C-42968-2016

This is to certify that Dr. SURESH SADASHIVRAO THAKARE of Rajarshi Shahu College of Science, Chandur Rly. Distt:- Amravati has successfully uploaded the data of All India Survey on Higher Education(AISHE) 2016-2017.

( B N Tiwari )

Deputy Director General

**Dated:** 16/03/2017

IEQA SUBMISSION DATE-21/03/2017

### INSTITUTIONAL ELIGIBILITY FOR QUALITY ASSESSMENT(IEQA) QUESTIONNAIRE

<b>1 COLLEGE DETAILS</b>			
Name of the college	Rajarshee shahu science college, chandur railway	Year of establishment	2008
Location of the college	RURAL		
<b>2 ADDRESS</b>			
Address	VIRUL ROAD, CHANDUR RAILWAY	City	Amravati
State	Maharashtra	Pin Code	444904
Website	www.rssc.edu.in	E-Mail	rsscoffice807@gmail.com
Phone STD Code	07222	Phone No	254111
Fax STD Code	0	Fax	0
<b>3 HEAD OF THE INSTITUTION</b>			
Name	Dr. S. S. THAKARE	Designation	PRINCIPAL
Status of appointment	TENURE		
<b>4 CONTACT DETAILS OF HEAD OF THE INSTITUTION</b>			
Phone std code	0721	Phone number	2666391
Fax std code		Fax	
Mobile	+919422844149	E-Mail	rsseprincipal@gmail.com
<b>5 DOES THE COLLEGE FUNCTION FROM</b>			
<b>a. MAIN CAMPUS</b>			
	AREA OF THE CAMPUS IN ACRES	TOTAL BUILT UP AREA IN sq.m.	
OWN BUILDINGS	1.7342	2233.75	
RENTED BUILDINGS	0.0	0.0	
<b>b. SATELLITE CAMPUS</b>			
	AREA OF THE CAMPUS IN ACRES	TOTAL BUILT UP AREA IN sq.m.	
OWN BUILDINGS	0.0	0.0	
RENTED BUILDINGS	0.0	0.0	
<b>6 NAME OF THE UNIVERSITIES TO WHICH THE COLLEGE IS AFFILIATED OR CONSTITUENT</b>			
University1	Sant Gadge Baba Amravati University, Amravati	Other	
Nature of relationship with the university	AFFILIATED	If affiliated, status of affiliation	PERMANENT
University2		Other	
Nature of relationship with the university		If affiliated, status of affiliation	
University3		Other	
Nature of relationship with the university		If affiliated, status of affiliation	
<b>7 STATUTORY PROFESSIONAL REGULATORY COUNCIL(S)</b>			
Does the college offer any programme recognized by any Statutory Professional Regulatory Council(s)?			no
Programmes offered		Name of the Regulatory Council(s)	
<b>8 COLLEGE FUNCTIONING</b>			
Type of college	CO-EDUCATION	Time of functioning	DAY COLLEGE
Nature of funding	GRANT-IN-AID	Management	PRIVATE
<b>9 MANAGEMENT/TRUST DETAILS</b>			
Name of the Management	ATUL VIDYA MANDIR WARDHA	Recognition under Ugc Act.1956	2f



10 MANAGEMENT/TRUST OF THE COLLEGE IS REGISTERED UNDER									
Society's registration Act of 1960		yes		Relevant Act of the respective state Govt.		yes			
Any other (please specify)		SOCIETY REGISTRATION ACT 1960							
11 NUMBER OF DEGREES OFFERED BY THE COLLEGE									
UG		1		PG		0			
Research		0		Others		0			
Total		1							
12 DETAILS OF DEGREES OFFERED (B.A., M.A., B.Com., M.Com., B.Sc., M.Sc., M.Phil., Ph.D., etc.)									
Arts				Commerce					
Science		B.Sc.		Education					
Health Science				Engineering & Technology					
Management				Others					
Is the college opting for Assessment & Accreditation of Teacher Education department separately?		no							
Is the college opting for Assessment & Accreditation of Physical Education department separately?		no							
Number of departments		7							
13 TOTAL NUMBER OF STUDENTS (EXCLUDING THOSE IN SELF-FINANCING PROGRAMMES)									
	UG		PG		M.Phil/Ph.D		Value Added Courses (Certificate/Diploma)		
	Male	Female	Male	Female	Male	Female	Male	Female	
General	25	47	0	0	0	0	0	0	0
SC/ST	28	43	0	0	0	0	0	0	0
OBC	66	111	0	0	0	0	0	0	0
Total	119	201	0	0	0	0	0	0	0
Grand Total	320								
14 TOTAL NUMBER OF STUDENTS IN SELF-FINANCING PROGRAMMES									
	UG		PG		M.Phil/Ph.D		Value Added Courses (Certificate/Diploma)		
	Male	Female	Male	Female	Male	Female	Male	Female	
General	0	0	0	0	0	0	0	0	0
SC/ST	0	0	0	0	0	0	0	0	0
OBC	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0
Grand Total	0								
Total number of students in the college 320									
15 NUMBER OF TEACHING, TECHNICAL AND ADMINISTRATIVE STAFF									
	Permanent		Temporary		Total				
	Male	Female	Male	Female	Male	Female			
Teachers with PG	3	0	8	10	11	10			
Teachers with M.Phil.	1	0	0	0	1	0			
Teachers with Ph.D	5	1	0	0	5	2			
Teachers with NET/SET	4	0	0	0	4	0			
Technical staff	6	0	0	0	6	0			
Administrative staff	3	0	0	0	3	0			
Support staff	3	1	0	0	3	1			
Total no. of teachers	9	1	8	11	17	12			
16 SUPPORT SERVICES									
Number of titles of books					1035				
Number of journals					10				
Number of e-resources					52				
Does the college have a registered Alumni Association?					yes				
Does the college have a functional Placement Cell?					yes				
17 UNIT COST OF EDUCATION									
Unit Cost-Total annual expenditure divided by no. of students enrolled					41159.0				



Unit cost calculated excluding salary component	4610.0
<b>18 MENTION FIVE ACADEMIC MILESTONES OF THE COLLEGE</b>	
First	COLOR COAT IN INTER UNIVERSITY HOCKEY TOURNAMENT
Second	STATE LEVEL WORKSHOP FOR STUDENTS ON SPIDER TAXONOMY
Third	DISTRICT LEVEL SWACCHATA MITRA FLOORUTION COMPETITION
Fourth	UNIVERSITY LEVEL SEMINAR COMPETITION IN CHEMISTRY
Fifth	WORKSHOP ON RESEARCH METHODOLOGY FOR UNDER GRADUATE STUDENTS
<b>Section 2: Institutional Data Questionnaire</b>	
1. The college has in place a structured internal quality assurance system for ensuring continuous quality monitoring or improvement	YES
2. Library has reading room facilities for students and faculty separately	YES
3. The college uses the students feedback for analysis and improvement purposes	YES
4. Basic computer literacy is ensured for all students in a structured way such as add on courses	YES
5. The college provides financial aid to at least 10% of the general category students	YES
6. The college has a mechanism for counselling students	YES
7. An annual in-house academic calendar is prepared and implemented by the college	YES
8. The college has a mechanism for addressing grievances of students and staff	YES
9. The college promotes scholarly activities of the faculty beyond the syllabus	YES
10. Internet facility is available in the college for faculty and students	YES
11. The college campus is differently-abled friendly	YES
12. The college has a formal mechanism to promote research activities of its students and faculty.	YES
13. The college has adequate sports facility	YES
14. The college has developed a short term and a long term plan for its development and growth	YES
15. Percentage of classrooms equipped with LCD projector	25-50%
16. Percentage of teachers using audio-visual aids including computer-aided teaching	<40%
17. The average number of extension activities organised by the college during the last four years	<6
18. Average percentage utilization of annual allocated funds for the last four years	<75%
19. Maintenance expenditure on infrastructure as percentage of the total annual budget	2-4%
20. Average pass percentage of graduating students	50-70%
21. Computer students ratio	<1:30
22. Percentage of faculty benefitted from UGC and other staff development programmes (average of last four years)	<5%
23. Percentage of permanent teachers with Ph.D. qualification	>40%
24. Percentage of classes taught by guest faculty or temporary teachers	<20%
25. Students teacher ratio	30:1-50:1
26. Percentage of faculty positions filled against sanctioned posts	60-80%
27. Number of add-on courses conducted by the college	<3
28. Awards received by the students in sports and cultural activities in the last four years	State or University Level
29. Percentage of teachers having on-going or completed research projects in the last four years	<10%
30. Number of academic seminars or conferences or workshops that the college has organized (average of last four years)	2-4
31. Number of Journals subscribed in the library National or International	10-20
32. Percentage of students admitted against the reservation category as per Government of India norms	>75%
<b>Certificate</b>	
This is to certify that the information given in the IEQA application is true to the best of my knowledge and ability and if the same is found to be false or misleading, I authorize NAAC to initiate any action which it deems fit including withholding the outcome of the Peer Team Visit.	


**Principal**Rajarshree Shahu Science College  
Chandur Rly. Distt. Amravati

