

Annual Quality Assurance Report (AQAR)

For The Academic Year

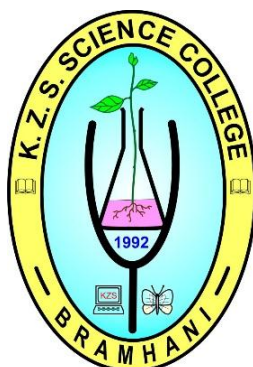
2016-2017



To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

*P. O. Box No. 1075, Nagarbhavi,
Bangalore -560072, Karnataka,*



By

Internal Quality Assurance Cell (IQAC)

K. Z. S. SCIENCE COLLEGE, BRAMHANI- KALMESHWAR

Taluka- Kalmeshwar, District- Nagpur, PIN- 441 501

2017

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Introduction of the Institution

Our college is located in village Bramhani, adjacent to Kalmeshwar city. The Kalmeshwar city has great cultural heritage. It is situated in Nagpur district in Maharashtra twenty five kilometers away from Nagpur. The ancient name of Kalmeshwar was Kadambeshwar after the name of Lord Kadambeshwar. The city is surrounded by religious and historical places such as Dhapewada and Aadasa. In the vicinity of Kalmeshwar, there are about 40 industries in MIDC area. It is a taluka place having Nagar-Parishad and a population is about 30 thousands.

According to proverb “*Tamso ma jyotirgamaya*” to inculcate and promote scientific approach and interest, Dr. Bhabha Vidnyan Lokshikshan Sanstha was established in September 1981. The sanstha started serving society through various social activities such as blood donation, eye donation, body donation, diagnostic camp, total and partial solar eclipse awareness programs, eradication of superstitions, science workshops etc.

Aims and Objectives

According to proverb “*Tamso ma jyotirgamaya*” irrespective of caste, creed, races the sanstha as well as college aims-

- ❖ To inculcate and develop scientific approach, interest and awareness among the society.
- ❖ To promote knowledge, communal harmony and national integration.
- ❖ To work for superstition eradication.
- ❖ To organize various scientific and social programs regarding health awareness, agricultural and pollution awareness.

These objectives as mentioned in institutional bylaws are achieved,

- ❖ By arranging lectures, seminars, exhibitions, general knowledge examinations, workshop for high school students, essay competitions etc.
- ❖ By organizing blood donation, eye donation, body donation and other diagnostic camps in association with other social institutions.
- ❖ By organizing Krishi Melava, UdyojaktaVikasShibir.
- ❖ By imparting knowledge on science subjects through class room teaching, practicals, excursions, competitions etc.
- ❖ By instituting memorial prizes.

The city had science education only up to Junior college level and need for science education at undergraduate level was increasingly felt. In order to provide facility for the same the sanstha started senior college named science college Kalmeshwar with a group PHYSICS, CHEMISTRY, MATHEMATICS, MARATHI, ENGLISH in August 1992 permission letter No. NGC/3592/5207/ Higher and Technical Education and Employment section Dated 21/08/1992.

In 1994 another group BOTANY, ZOOLOGY and CHEMISTRY was introduced at undergraduate level. In 1996, the sanstha received donation in the form of agricultural land from a great donor and the college is now recognized as ***Late Kanhobaji Zolbaji Shrikhande Science College, Bramhani Kalmeshwar.***

Taking into consideration the need for computer education, the subject COMPUTER SCIENCE was introduced to the curriculum from the session 2001-2002 which is run on permanently unaided basis.

Government of Maharashtra and Nagpur University permitted Dr. Bhabha Vidnyan Lokshikshan Sanstha Kalmeshwar to start the college from the session 1992-93 temporarily on un-aided basis . Moreover the government sanctioned 100% grant from session 2000-2001. Till date the college has not received any non-salary grant. The college has been recognized by UGC under section 2f and 12B of the UGC Act 1956 since 2009 vide letter no. F.No.8-222/2009 (CPP-I)

Courses offered-

Our college runs the following groups for study for B.Sc. I, II and III.

1. PHYSICS, CHEMISTRY, MATHEMATICS (PCM)
2. BOTANY, ZOOLOGY, CHEMISTRY (CBZ)
3. MATHEMATICS, PHYSICS, COMPUTER SCIENCE (PCoM)

(Where MARATHI and ENGLISH are compulsory subjects for first and second semester students.)

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR details the results of the perspective plan worked out by the IQAC.

(Note: The AQAR period is the Academic Year 2016-2017)

Part – A

1. Details of the Institution

1.1 Name of the Institution

K. Z. S. SCIENCE COLLEGE, BRAMHANI-KALMESHWAR

1.2 Address Line 1

**KALMESHWAR-DHAPEWADA ROAD,
AT.- POST-BRAMHANI, TALUKA-
KALMESHWAR, DISTRICT- NAGPUR**

Address Line 2

City/Town

KALMESHWAR

State

MAHARASHTRA

Pin Code

441 501

Institution e-mail address

principal_kzs@rediffmail.com

Contact Nos.

07118-271167; 9823745562

Name of the Head of the Institution:

Dr. A. K. TIKHE

Tel. No. with STD Code:

07118-271167

Mobile:

9823745562

Name of the IQAC Co-ordinator: **Dr. AJAY P. GANORKAR**

Mobile: **9822690649**

IQAC e-mail address: **kzsnaac@gmail.com**

1.3 NAAC Track ID(For ex. MHCOGN 18879) **MHCOGN 11758**

1.4 NAAC Executive Committee No. and Date:

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

**EC(SC)/13/A&A/
71.2 dated
17thMarch 2016**

1.5 Website address: <http://www.kzsscollege.edu.in/>

Web-link of the AQAR (Previous academic year):

<http://www.kzsscollege.edu.in/aqar/2015-2016>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	C⁺	60.05	2004	2009
2	2 nd Cycle	B	02.19	2016	2021
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC: DD/MM/YYYY **28/03/2014**

1.8 AQAR for the year (for example 2010-11) **2016-17**

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

i.	AQAR 2015_16	<i>submitted to NAAC on</i>	22.07.2017
-----------	---------------------	-----------------------------	-------------------

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

 Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

 Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University
(for the Colleges)

**RASHTRASANT TUKADOJI
MAHARAJ NAGPUR
UNIVERSITY, NAGPUR**

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University			<input type="text" value="NO"/>
University with Potential for Excellence	<input type="text" value="NO"/>	UGC-CPE	<input type="text" value="NO"/>
DST Star Scheme	<input type="text" value="NO"/>	UGC-CE	<input type="text" value="NO"/>
UGC-Special Assistance Programme	<input type="text" value="NO"/>	DST-FIST	<input type="text" value="NO"/>
UGC-Innovative PG programmes	<input type="text" value="NO"/>	Any other (<i>Specify</i>)	<input type="text" value="NO"/>
UGC-COP Programmes	<input type="text" value="NO"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="08"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3 No. of students	<input type="text" value="01"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="--"/>
2.9 Total No. of members	<input type="text" value="14"/>
2.10 No. of IQAC meetings held	<input type="text" value="02"/> <input type="text" value="01/07/2016 and 17/01/2017"/>
2.11 No. of meetings with various stakeholders: No.	<input type="text" value="01"/> Faculty <input type="text" value="01/07/2017"/>
Non-Teaching Staff /Students	<input type="text" value=""/> Alumni <input type="text" value="01"/> Others <input type="text" value="00"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="text" value=""/> No <input checked="" type="checkbox"/>

If yes, mention the amount

00

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

Functional IQAC is constituted in last week of March 2014. Till date college doing following Significant Activities under the college committee.

- ✓ The Institution initiated Academic audit and Plantation and ensures its sustainability.
- ✓ College looks after curricular and co-curricular activities including teaching learning evaluations.
- ✓ The institution has Wi-Fi facility.
- ✓ The institution has a LAN facility to office and each department.
- ✓ Conducted remedial coaching for backward students to enhance their learning capability.
- ✓ The career guidance cell arranged a guest lecture for students on career opportunities in various subjects.
- ✓ Study tours/field visits are organized.
- ✓ The faculties are motivated to do post-research work.
- ✓ Faculty members completed Research Projects and applied for a new project.
- ✓ Faculty attended workshops/seminars/refresher/orientation courses.
- ✓ Conducted group discussions and students seminars.
- ✓ Used audio-visual aids in teaching and learning process.
- ✓ Collection and displaying of current scientific News and Information on display board from "Scientific Study Centre"
- ✓ Prizes were given to the meritorious students and arranged a guest lecture on personality development from "Scientific Study Centre".
- ✓ Horticulture training is provided to the students.
- ✓ Art activity "Kaladalan" is smoothly going on.
- ✓ Participated in General Knowledge Examination-2016 activities.

2.15 Plan of Action by IQAC/Outcome

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

* *Attach the Academic Calendar of the year as Annexure I*

In the beginning of the year plan of action is prepared regarding curricular as well as co-curricular activities which helps in quality enhancement of students.

Plan of Action by IQAC/Outcome achieved

Plan of Action	Achievements
Allocation of Time table, Preparation of work load of theory and practical.	Prepared Time table according to work load of theory and practical and distributed to the teacher.
Teaching of syllabus.	Taught / Discussed total syllabus among the students.
Conduction of unit tests, Common test examination.	Successfully completed and evaluated answer books of unit tests and Common test examination.
Arrangement of guest lectures, Student seminar and group discussion.	Arranged guest lectures, student seminars and Student's Group discussion on selected topics.
Students project on their selected topic Evaluation of students.	Students submitted their projects on their selected topics. Evaluation of students is done by questions- answer method in the class room.
Completion of Syllabi.	Taught / Discussed complete Syllabi.
Arrangement of Local visit, one long and one short excursion tours.	Short tour for CBZ students are organized on 27/08/2016 at Devlappar (Goshala) district-Bhandara. Industrial visit is organized at Giriraj Polymer ,Malpani Industries and Univesal Biotech MIDC Kalmeshwar on 23/02/2017.
Subscription of journals.	During this year college subscribed, Current science, Resonance, Competition Success Review and Dream 2047
Participation in University Games	College students are participated in Volley Ball (Men), Volley Ball (Women), Ball Badminton (Women)Athletics, Kabaddi (Men), Chess (Women) and Chess Men

Academic Calendar of the year is attached as Annexure I.

2.15 Whether the AQAR was placed in statutory body Yes No
Management Syndicate Any other body

Provide the details of the action taken

The NAAC and IQAC body has suggested certain suggestions. After rectification of suggestions, AQAR was placed to the Local managing Committee and approved for submission to the NAAC, Bangalore.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	---	---	---	---
PG	---	---	---	---
UG	03 B.Sc. (PCM,CBZ &PCoM)	NIL	NIL	NIL
PG Diploma	---	---	---	---
Advanced Diploma	---	---	---	---
Diploma	---	---	---	---
Certificate	---	---	---	---
Others	---	---	---	---
Total	03	---	NIL	NIL

Interdisciplinary	NIL	NIL	NIL	NIL
Innovative	NIL	NIL	NIL	NIL

1.2 (i) Flexibility of the Curriculum: CBCS/Core/**Elective[✓] option** / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	Sem. I, II, III, IV, V and VI
Trimester	---
Annual	---

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

*An analysis of the feedback is provided in the **Annexure-II**

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

NO,

There is no provision of revision of syllabus at college level but members of Board of study in various subjects and members of faculty of science, R.T.M.Nagpur University Nagpur contribute in revision updating of for syllabi at university level but some college teachers contribute for the same.

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

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
13	11	00	--	Librarian- 01 Principal- 01

2.2 No. of permanent faculty with Ph.D. 12

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
01	01	00	--	--	--	00 Adhoc-02	--	03	01

2.4 No. of Guest and Visiting faculty and Temporary faculty -- -- 8
 Temporary faculty are Clock Hour Basis (CHB) faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	03	10	--
Presented	02	05	--
Resource Persons	--	--	--

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

- ✓ **Teaching learning is made more effective through seminars, project work, group discussion and charts.**
- ✓ **Teachers use OHP, DLP for in-depth subject studies.**

2.7 Total No. of actual teaching days during this academic year 230

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

Double Valuation and Open Book Examination

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of **Board of Study**/Faculty/Curriculum Development workshop

00

00

00

2.10 Average percentage of attendance of students

85

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Sc. III	59	3.3	27.11	38.98	5.0	74.5

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching and Learning processes:

IQAC is contributing, monitoring and evaluating the teaching and learning process with the help of various committees like Workload and Time Table Committee, Examination and Report Committee, Student Monitoring Committee, College development cell / Council etc.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	00
UGC – Faculty Improvement Programme	00
HRD programmes	00
Orientation programmes	00
Faculty exchange programme	00
Staff training conducted by the university	00
Staff training conducted by other institutions	00
Summer / Winter schools, Workshops, etc.	00
Others	00

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	Principal- 01 Clerks- 03	00	00	00
Technical Staff	06	00	00	00

Criterion – III

3. Research, Consultancy and Extension

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

IQAC has formed Research Promoting committee (RPC) of four teachers who are the members of IQAC. The said committee always encourages teachers for their research activities such as Ph.D work; publication of research papers in peer reviewed international and National journals, participation and presentation of their papers in conferences, symposia and seminars; supervising PhD students. The committee is frequently asking to teachers for minor and major research projects. As a result near about 90% teachers are Ph. D degree holders; near about 90% faculties are different project holders. Some of them have been completed their UGC funded projects and some are in ongoing position. This year, out of 13 students five (5) Ph. D students have submitted their thesis for the award of Ph .D degree.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	NIL	NIL	NIL	NIL
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	00	00	NIL	NIL
Outlay in Rs. Lakhs	00	00	NIL	NIL

3.4 Details on research publications

	International	National	Others
Peer Review Journals	14	00	00
Non-Peer Review Journals	NIL	NIL	NIL
e-Journals	NIL	NIL	NIL
Conference proceedings	10	08	NIL

3.5 Details on Impact factor of publications:

1.71-3

2.25

10

10

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	NIL	NIL	NIL	NIL
Minor Projects	NIL	NIL	NIL	NIL
Interdisciplinary Projects	NIL	NIL	NIL	NIL
Industry sponsored	NIL	NIL	NIL	NIL
Projects sponsored by the University/ College	NIL	NIL	NIL	NIL
Students research projects <i>(other than compulsory by the University)</i>	NIL	NIL	NIL	NIL
Any other(Specify)	NIL	NIL	NIL	NIL
Total	NIL	NIL	NIL	NIL

3.7 No. of books published i) With ISBN No. **01** Chapters in Edited Books **NIL**

ii) Without ISBN No. **NIL**

3.8 No. of University Departments receiving funds from

UGC-SAP **NIL** CAS **NIL** DST-FIST **NIL**
DPE **NIL** DBT Scheme/funds **NIL**

3.9 For colleges Autonomy **NIL** CPE **NIL** DBT Star Scheme **NIL**
INSPIRE **NIL** CE **NIL** Any Other (specify) **NIL**

3.10 Revenue generated through consultancy **NIL**

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	NIL	NIL	NIL	NIL	NIL
Sponsoring agencies	--	01	--	NIL	02

3.12 No. of faculty **NIL**

National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

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

NIL

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing		Newly created	Source of Fund	Total
Campus area	Total area	1.82 hector (4.5 acre)	-----	Sanstha	1.8 Hector
	Building area	901.60 sq. m			
	Playground area	1.01 hector			
Class rooms	Total five class rooms		Room no 6 of 1050 sq.ft. and 7 of 830 sf.ft. Total 1880 sq. ft.	Sanstha	3630 sq. ft.
	Room no. 1, 2, 4 and 5	500 sq. ft. each			
	Room no. 3	750 sq. ft.			
	Total class rooms area	1750 sq. ft.			
Laboratories	Chemistry	750 sq. ft.	-----	Sanstha	2850 sq. ft.
	Physics	600 sq. ft.			
	Zoology, Botany and Computer Science	500 sq. ft. each			
	Total laboratory area	2850 sq. ft.			
Seminar Halls	-----		-----		-----
No. of important equipments purchased (\geq 1-0 lakh) during the current year.			-----	-----	-----
Value of the equipment purchased during the year (Rs. in Lakhs)			-----	-----	-----
Others					

4.2 Computerization of administration and library

- Principal office and administrative office is well computerized. The admission and examination process is linked via internet with university. All office work being process by computers and internet. Two LAN services are in work.
- Library is partially computerized. The new software, Master soft LIBMAN is in service for library automation.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	1931	10,10,942	13	8796	1944	10,19,738
Reference Books	1933		06		1939	
e-Books	-----	-----	-----	-----	-----	-----
Journals	02	1500	-----	-----	02	1500
e-Journals	-----	-----	-----	-----	-----	-----
Digital Database	-----	-----	-----	-----	-----	-----
CD and Video	-----	-----	-----	-----	-----	-----
Others (specify)	-----	-----	-----	-----	-----	-----

4.4 Technology up gradation (overall)- Computers

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others (Library)
Existing	37	15	Nil	Nil	Nil	05	15	02
Added	06	06	Nil	Nil	Nil	Nil	Nil	Nil
Total	43	21	Nil	Nil	Nil	05	15	02

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

Computer and Internet access are provided to teachers and students.

4.6 Amount spent on maintenance in lakhs:

i) ICT	0.04656
ii) Campus Infrastructure and facilities	0.9338
iii) Equipments	NIL
iv) Others	1.2710
Total:	2.25755

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- ✓ **The college has career guidance and counselling cell, a committee of teachers is appointed for this purpose.**
- ✓ **This committee collects, displays and communicates the information regarding placement and job opportunities.**
- ✓ **A committee of teachers looks after academic and personal counselling.**
- ✓ **Circulars of the information regarding competitive examination are displayed on notice board.**
- ✓ **Guidance is provided to economically and academic poor students.**

5.2 Efforts made by the institution for tracking the progression

- ✓ **The college encourages the students to participate in nation building activities.**
- ✓ **To cater the needs of slow learners through remedial classes.**
- ✓ **Suggestion box.**

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
328	---	---	---

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

Men

No	%
110	33.53

Women

No	%
218	66.47

Last Year								This Year							
Gen eral	SC	ST	NT	SBC	OBC	Physic ally Challe nged	Total	Gen eral	SC	ST	NT	SBC	OBC	Physi cally Challe nged	Total
10	20	04	18	21	229	----	302	12	27	04	21	13	251	----	328

Demand ratio

1:1

Dropout %

02

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

- ✓ **The college has CGCC department support student for appearing and qualifying in various competitive examinations.**
- ✓ **Guest lecturers are invited to guide students for competitive examinations.**
- ✓ **College library provides materials for competitive examinations.**

No. of students beneficiaries

5.5 No. of students qualified in these examinations.

NET	Nil	SET/SLET	Nil	GATE	Nil	CAT	Nil
IAS/IPS etc	Nil	State PSC	Nil	UPSC	Nil	Others	Nil

5.6 Details of student counselling and career guidance

- ✓ The college has a CGCC. A committee of teachers is appointed for this purpose.
- ✓ A committee of teachers looks after academic and personal counselling.
- ✓ 28 students has enrolled to CGCC in the college.
- ✓ Student communication is done on every Saturday.

No. of students benefitted

NIL

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
Nil	Nil	Nil	Nil

5.8 Details of gender sensitization programmes

02

In College Gender Sensitization programs are arranged under Women cell. Prof. Ms. Vijaya Rasoni delivered a talk on “women empowerment” on 17-2-2016. In another program. Ms. Ashwini Bhojar gave a talk on 8 March 2016. She pointed that India is male dominated country, and there is atrocity regarding women and hence a need of women empowerment. In each field women have achieved good position in the society and changing now to equal move.

5.9 Students Activities

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

Sports-State/ University level	12	National level	Nil	International level	Nil
Games- State/ University level	59	National level	01	International level	Nil

No. of students participated in cultural events

State/ University level	06	National level	Nil	International level	Nil
-------------------------	-----------	----------------	------------	---------------------	------------

5.9.2 No. of medals /awards won by students in Sports, Games and other events-

Nil

Nil

22

Nil

e

Sports/ State/ University level National level International level

Games: State/ University level **01** National level **01** International level **NIL**

Cultural: State/ University level **02** National level **Nil** International level **Nil**

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	Nil	Nil
Financial support from government	225	9,48,465
Financial support from other sources	Nil	Nil
Number of students who received International/National recognitions	Nil	Nil

5.11 Student organised / initiatives

Fairs : State/ University level **Nil** National level **Nil** International level **Nil**

Exhibition: State/ University level **Nil** National level **Nil** International level **Nil**

5.12 No. of social initiatives undertaken by the students **Nil**

5.13 Major grievances of students (if any) redressed: **Nil**

Criterion- VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To provide higher education to the financially and economically deprived students in rural area. According to proverb “Tamso ma Jyotirgama” irrespective of caste, creed, races the sanstha as well as college aims

- (1) To inculcate and develop Scientific approach, interest and awareness among the society
- (2) To promote knowledge, Communal harmony and National Integration.
- (3) To work for Superstition eradication.
- (4) To organize various scientific and social programmes regarding health awareness, agricultural and health awareness.

Mission:

- 1) To make every student knowledgeable.
- 2) To encourage student to analyse their hidden potential.
- 3) To focus on personality development of each student through development of positive attitude, leadership, qualitative and self-awareness.

6.2 Does the institution has a Management Information System

Yes, partial. Some of the data regarding internal marks, practical marks is submitted to University online. Informations regarding students, teachers, Institution and other are submitted through MIS to the State Government and AISHE to the Central Government.

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

6.3.1 Curriculum Development

The College has no roll in development of curriculum of University, although some of the faculty contribute in the development of curriculum in Board of studies of R. T. M. Nagpur University, Nagpur.

6.3.2 Teaching and Learning

The Management ensures effective and efficient transaction of teaching and learning process by

- A) Recruiting highly qualified teaching faculty

- B) Promoting professional development of faculty by providing support
- i) To undergo refresher courses, Orientation Courses organized by UGC and Academic Staff College.
 - ii) To pursue for doctoral programme.
 - iii) To attend National and International Seminars organized by other colleges.

6.3.3 Examination and Evaluation

Examination of students has been done as per guidelines of UGC and R.T.M. Nagpur, University norms. Internal evaluation is done by conducting unit tests on each unit of each topic/paper, conducting a Common Test Examination on a complete syllabus of each paper, conducting test practical at the end of each session.

6.3.4 Research and Development

12 out of 13 faculties have completed their Ph. D. degree and are engaged in research activities Mr. A.M. Shrirame has submitted his thesis for the award of Ph. D. degree in Botany to R.T.M. Nagpur, University. Some teachers are guiding research students. Some teachers have presented a research papers in National/ International Conference and published in National/ International Journals.

6.3.5 Library, ICT and physical infrastructure/ instrumentation

Library is partially automated and some books are under Barcoding process. Students have a reading room in a library.

The dimension of Computer Laboratory is 25 x 20 sq. feet. In this Laboratory there are 15 Computers and are equipped with internet and wi-fi facility. Students and teachers are given internet access facility in a Laboratory.

6.3.6 Human Resource Management

Nil

6.3.7 Faculty and staff recruitment

The college recruits faculty members and staff as per guidelines given by the Maharashtra state Govt., UGC and RTM Nagpur University, Nagpur.

6.3.8 Industry Interaction / Collaboration

There is no industry interaction or Collaboration of the college for this academic session.

However, some industries such as ZIM Laboratory Ltd. and ISPAT Industries Ltd. Kalmeshwar are frequently interact with college for employment to the students.

6.3.9 Admission of students

As per norms of RTM Nagpur University, Nagpur the admission of the students are made in the college in every academic year.

6.4 Welfare schemes for

Teaching	Pensions and Gratuities
Non-teaching	Pensions and Gratuities
Students	Scholarship

6.5 Total corpus fund generated

Nil

6.6 Whether Annual and financial Audit has been done?

Yes

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

Audit Type	External		Internal	
	Yes/ No	Agency	Yes/ No	Authority
Academic	Yes	RTM Nagpur University , Nagpur	Yes	Principal
Administrative	Yes	Joint Director of Higher Education Nagpur and RTM Nagpur University, Nagpur	Yes	Principal

6.8 Does the University Autonomous College declare results within 30 days?

For UG Programme

NA

For PG Programme

NA

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

Syllabus of each examination is decided in Board of study of each subject in RTM Nagpur University, Nagpur and as per guideline by UGC.

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

NA

6.11 Activities and support from the Alumni Association

An alumni meet was arranged with management and staff was arranged in the college on 29/01/2017. In this meet members of alumni promised to support the college by conducting guest lectures for the preparation of various competitions examinations. No financial support is received from alumni.

6.12 Activities and support from the Parent- Teacher Association

There is no any type of financial support from Parent-Teacher Association. Only infrastructural and other suggestions have received from some parents in the Parent- Teacher meeting organized in the college on 29/01/2017.

6.13 Development programmes for support staff

- i) The Principal of the college encourages the faculty members to attend the Orientation Programmes, Refresher Courses, Short Term Courses and Workshops organized by UGC and Academic Staff College.
- ii) Head of the department of Computer science frequently gives basic computer education to non-teaching staff for their up gradation.

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

Plantations are made for green campus and made it eco-friendly. Organic waste is utilised for composting and used for plant as a fertilizers. Use of plastic is banned in the campus.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Study notes are shared with students
- Counseling for weak students
- Group discussion for students.
- Promotion of sports activities for students.

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

SR. No	Plan of Action	Achievements
1	To continue provide coaching for various competitive exams	Coaching for the examinations for Bank/Railway/GPSC/UPSC/Staff Selection/IBPS etc. is arranged in the campus every year at (26/09/16 to 04/10/2016)
2	Students' Creativity	Students' creations are displayed on the college notice board (Kaladalan) on regular basis.
3	Minor Research Project proposals to be forwarded to UGC for funding	1 Proposed
4	To encourage all departments to organize Guest Lectures	<ul style="list-style-type: none">• Department of Physics conducted guest lecture on "Dielectric Materials & properties" on 07/04/2017 by Dr. M.P Lokhande.• Department of Botany conducted guest lecture on "Scope in life Science" on 12/12/2016 by Dr. R.N Deshmukh.• Department of Zoology conducted guest Lecture on genetic Balance Theory' on 27/12/2016 by Dr.M.P Barbate And another Lecture deliver by Dr. A.V Deore on 24/03/2017& Dr. R.S Bahekar Lecture on Brain Anatomy learning Imprinting on 30/03/2017.• Department of Chemistry conducted guest lecture on "Spectroscopy Chemistry" on 07/03/2017 by Dr. S. E. Bhandarkar.• Department of Mathematics conducted guest lecture on "Theory of Relativity" on 22/03/2017 by Prof. S. A.Katare.

		<ul style="list-style-type: none"> • Career and Guidance Cell organized Lecture on 'Industrial Robotics' by Mr. Anil Totode on 06/02/2017 • NSS and Library department organized a workshop on 'Personal Hygiene' on 24/09/2016 by Dr. Sunil Duf. • Women cell organised a guest Lecture on 07/02/2017 by Mrs. Shital kadalkar.
5	To concentrate on introducing various sports	The Annual Sports meet was organized on 25 to 27 Jan 2017.
6	To arrange Parent meeting	29/01/2017
7	To arrange student alumni meeting	29/01/2017
8	To widen the area of outreach programs in community services by NSS	With a view to ensure environmental awareness as well as protection units of NSS organized various extension programs in their respective adopted villages.
9	National , International Day and Birth anniversary, Death anniversary	All activities as per as Academic calendar 2016-17

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

- 1) General Knowledge Examination (GKE)
- 2) Physical Training for Various Armed Forces (PTVAF)

7.4 Contribution to environmental awareness / protection

With a view to ensure environmental awareness as well as protection NSS unit organized various extension programs in their respective adopted villages.

- Tree Plantation Program
- Save Electricity Campaign
- Save Water Campaign
- Environmental awareness study tour

7.5 Whether environmental audit was conducted?

No

7.6 Any other relevant information the institution wishes to add.

Strength of the college

- 1) Well qualified staff and Good academic Excellence

- 2) Students stand in merit list in university examinations
- 3) Faculties involved in paper publication in national /International conferences and attended conferences in India and abroad.
- 4) Awards to student.
- 5) Good result tradition.
- 6) Good co-operative interaction and communication in staff members

Weakness of the college

- 1) Lack of E-books and E-journals
- 2) Insufficient infrastructure facilities and funding

Opportunities

- 1) To create efficient administrators, politicians, powerful youth and string Indians for health, wealth and characters of the nation.
- 2) Development of overall personality of the students to prepare them against new challenges.
3. Research opportunity.

Challenges

- 1) Lack of sufficient fund to develop infrastructure
- 2) How to improve scientific temper almost to the particular rural area students.
- 3) Updating use of modern technology in the college.

8. Plans of institution for next year

- 1) Proposal for the additional section.
- 2) To enrich the library by new periodicals, journals and reference books.
- 3) Beautification of college campus.
- 4) Augment in laboratory facilities.

ACADEMIC CALENDAR OF THE YEAR 2016-2017

S. N.	Particulars	College Period
1.	First term.	16 th June 2016 to 27 th Oct. 2016
2.	Winter Vacation	28 th Oct. 2016 to 27 th Nov. 2016
3.	Second Term	28 th Nov. 2016 to 30 th April 2017
4.	Summer Vacations	1 st May 2017 to 15 June 2017
5.	Last date of Admission	1 st Sept. 2016 (Probably Extended)
6.	Internal Exam.	First term : 2 nd week of Nov. 2016 Second term 1 st week of Feb. 2017
7.	Annual Exam. Practical Theory	Starts from 1 st week of March. 2017 Starts from Last of March. 2017

CALENDAR OF ACTIVITIES 2016-2017

S. N.	Date	Day	Event / Activity
1.	18/06/2016	Saturday	Staff Meeting for preparation of various committees
2.	20/06/2016	Monday	Time table committees Meeting to apply new time table
3.	1/07/2016	Friday	Meeting of IQAC Committee
4.	23/07/2016	Saturday	Staff academic meeting
5.	06/08/2016	Saturday	Welcome to 1 st year students
6.	8/08/2016	Monday	Orientation program for NSS / Sports
7.	13/08/2016	Saturday	Cleaning of college campus by NSS Unit.
8.	15/08/2016	Monday	Independence Day
9.	18/08/2016	Thursday	Tree plantation by NSS and Botany Departments
10.	19/08/2016	Friday	Workshop on competitive Exam. Conduct by CGCC

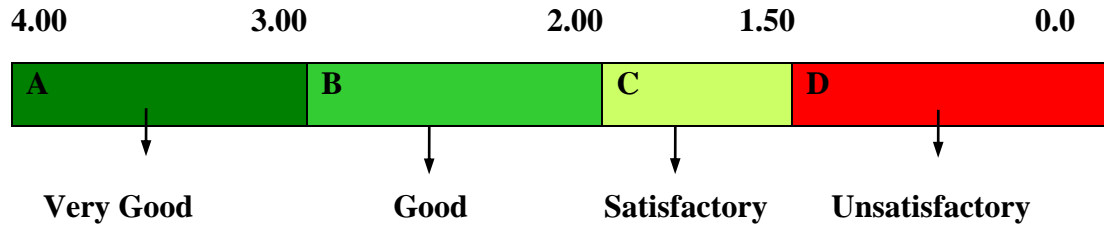
11.	29/08/2016	Monday	Celebration of sports day
12.	2/09/2016	Friday	Meeting of students council Advisory committee
13.	6/09/2016	Tuesday	Teachers day
14.	16/09/16	Friday	World Ozone day
15.	24/09/2016	Saturday	NSS foundation day
16.	2/10/2016	Sunday	Birth anniversary of M.K Gandhi
17.	3/10/2016	Monday	Meeting of Exam. Committee about Internal Exam
18.	9/10/2016	Sunday	GK Exam conduct by college & Sanstha
19.	30/10/2016	Sunday	Dr.Bhaha Jayanti celebration
20.	1/12/2016	Thursday	World Aids day
21.	2nd week Dec.		NSS special camp
22.	15/12/2015	Monday	Sports committee meeting
23.	16/12/2015	Wednesday	Meeting for organizing college annual Function
24.	Last week of Dec 15		College Gathering – Cultural Progmmme& prize Distribution
25.	3/1/2017	Tuesday	Savitribai Fule Jayanti celebration
26.	12/1/2017	Thursday	National Youth day
27.	14/1/2017	Saturday	Guest Lecture for students by CGCC
28.	24/1/2017	Tuesday	Dr. Homi Bhabha memorial Day
29.	30/1/2017	Monday	Hutatma Din
30.	1/2/2017	Wednesday	Meeting of exam. Committees about internal exam.
31.	17/2/2017	Friday	IQAC Committee meeting for preparation of AQAR
32.	28/02/2017	Tuesday	Science day & farewell program for final students

STUDENTS' FEEDBACK ON TEACHERS

College- K. Z. S. Science College, Bramhani- Kalmeshwar
Taluka- Kalmeshwar, District- Nagpur, PIN- 441 501

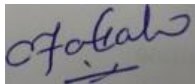
Semester/Term/Year :2016-2017

Please rate the teacher on the following attributes using the 4 -point scale shown



S. N.	Name of Teacher	A Very Good 76-100%	B Good 50-75%	C Satisfactory 36-49%	D Unsatisfactory 1-35 %
1.	Dr. A. K. Tikhe	93.75	3.75	2.5	----
2.	Dr. S. S. Charjan	92.5	6.25	1.25	----
3.	Dr. A. P. Ganorkar	93.75	5.00	1.25	----
4.	Dr. R. H. Gupta	90.0	7.5	2.5	----
5.	Dr. A. R. Bijwe	88.75	7.5	3.75	----
6.	Dr. V. A. Shende	92.5	5.0	2.5	----
7.	Dr . A. N. Darvekar	91.25	5.0	3.75	
8.	Dr. S. R. Hiwale	92.5	3.75	3.75	----
9.	Mr . A. M. Shrirame	90.0	7.5	2.5	----
10.	Dr. U. B. Mahatme	95.0	3.75	1.25	----
11.	Dr. S. C. Gedam	93.75	5.0	1.25	----

Name- Dr. Ajay P. Ganorkar



Signature of the Coordinator, IQAC

Name- Dr. Anand K. Tikhe



Signature of the Chairperson, IQAC

Best Practice: #2

Physical Training for Various Armed Forces (PTVAF)

Late K.Z.S. Science College has provided playground facility to the youth for physical exercise as well as for special training for various armed forces jobs. The management and the principal have decided to make it possible by giving appropriate place and special training equipment to the students. Students are asked to register their names to respective faculty member. This year near about 19 Students registered in physical education department.



K. Z. S. SCIENCE COLLEGE, BRAMHANI- KALMESHWAR

Composition of Internal Quality Assurance Cell (IQAC)

(For the session 2016-2017)

Chairperson : Head of Institution-	Dr. A. K. Tikhe
A few Administrative officers (Accountant)	Mr. A. G. Shrikhande
Three to Eight Teachers	Dr. S. C. Gedam
	Dr. U. B. Mahatme
	Dr. V.A. Shende
	Dr. S. R. Hiwale
	Dr. G. L. Makkasare
	Dr. A. N. Darvekar
One member from management	Mr. S. Y. Langde
One/two nominees from local society, Students and Alumni	Mr. S. D. Adhau
	Mr. Sudarshan K. Deoghare
	Mr. Gunvanta Ramesh Chimote
One/two nominees from Employers /Industrialists/stakeholders	Mr. Prakash P. Sapkal
One of the senior teachers as the coordinator/Director of the IQAC	Dr. A. P. Ganorkar

Abbreviations:

CAS - Career Advanced Scheme
CAT - Common Admission Test
CBCS - Choice Based Credit System
CE - Centre for Excellence
COP - Career Oriented Programme
CPE - College with Potential for Excellence
DPE - Department with Potential for Excellence
GATE - Graduate Aptitude Test
NA – Not applicable
NET - National Eligibility Test
PEI - Physical Education Institution
SAP - Special Assistance Programme
SF - Self Financing
SLET - State Level Eligibility Test
TEI - Teacher Education Institution
UPE - University with Potential Excellence
UPSC - Union Public Service Commission
