

Annual Quality Assurance Report (AQAR)

For The Academic Year

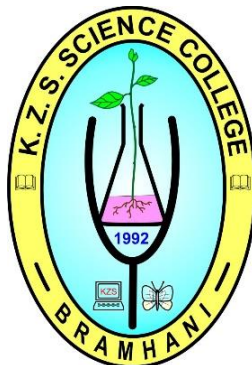
2017-2018



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

2018

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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 2017-2018)

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
17th March 2016**

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

Web-link of the AQAR: http://www.kzsscollege.edu.in/aqar//AQAR 16_17.pdf

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) **2017-18**

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	submitted to NAAC on	22.07.2017
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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"/>
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="03/07/2017 and 19/02/2018"/>
2.11 No. of meetings with various stakeholders: No.	<input type="text" value="01"/> Faculty <input type="text" value="03/07/2017"/>
Non-Teaching Staff /Students	<input type="text"/> 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"/> No <input checked="" type="checkbox"/>

If yes, mention the amount

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 Center”.
- ✓ 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 help 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 16/09/2017 at Gosekhurd and Rawanwadi. Industrial visit is organized at Giriraj Polymer ,Malpani Industries MIDC Kalmeshwar on 22/02/2018.
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
00	01	00	--	--	--	00 Adhoc-02	--	02	01

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

--

--

9

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	03	20	--
Presented	02	09	--
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

231

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	92	3.20	18.47	58.69	6.52	85.86

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

Research Promoting committee (RPC) of the college always encourage teachers for their 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 frequently ask teachers for minor and major research projects. Some of them have completed their UGC funded projects and some are on-going. This year, out of 13 students two (2) 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	NIL	NIL	NIL	NIL
Outlay in Rs. Lakhs	NIL	NIL	NIL	NIL

3.4 Details on research publications

	International	National	Others
Peer Review Journals	10	00	00
Non-Peer Review Journals	NIL	NIL	NIL
e-Journals	NIL	NIL	NIL
Conference proceedings	02	02	NIL

3.5 Details on Impact factor of publications:

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. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST

DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

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

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

3.13 No. of collaborations- International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency From Management of University/College

Total

3.16 No. of patents received this year.

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

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

Total	International	National	State	University	Dist.	College
NIL	NIL	NIL	NIL	NIL	NIL	NIL

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level

National level International level

3.22 No. of students participated in NCC events:

University level	02	State level	NIL
National level	NIL	International level	NIL

3.23 No. of Awards won in NSS:

University level	NIL	State level	NIL
National level	NIL	International level	NIL

3.24 No. of Awards won in NCC:

University level	NIL	State level	NIL
National level	NIL	International level	NIL

3.25 No. of Extension activities organized

University forum	NIL	College forum	03	
NCC	NIL	NSS	01	Any other NIL

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)	Nil		1.8 Hector
	Building area	901.60 sq. m			
	Playground area	1.01 hector			
Class rooms	Total five class rooms		Nil		3630 sq. ft.
	Room no. 1, 2, 4 and 5	500 sq. ft. each			
	Room no. 3	750 sq. ft.			
	Room no 6 Room no 7 Total class room area	1050 sq.ft 830 sf.ft. 3630 sq. ft.			
Laboratories	Chemistry	750 sq. ft.	Nil		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	1944	10,19, 738	24	35793	1968	10,55,531
Reference Books	1939		47		1986	
e-Books	35	Freely downloaded	-----	-----	-----	-----
Journals	02	1500	-----	-----	02	1500
e-Journals	-----	-----	-----	-----	-----	-----
Digital Database	-----	-----	-----	-----	-----	-----
CD and Video	-----	-----	20	Free	-----	-----
Others (specify)	-----	-----	-----	-----	-----	-----

4.4 Technology up gradation (overall)- Computers

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others (Library)
Existing	43	21	Nil	Nil	Nil	05	15	02
Added	Nil	Nil	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	0.23
ii) Campus Infrastructure and facilities	1.05
iii) Equipments	0.14
iv) Others	00
Total:	1.42

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
370	---	---	---

(b) No. of students outside the state

Nil
Nil

(c) No. of international students

Men	No	%	Women	No	%
	109	29.45		261	70.54

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
12	27	04	21	13	251	----	328	11	34	02	29	16	278	----	370

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: Nil

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.
- ✓ 26 students has enrolled to CGCC in the college.
- ✓ Student communication is done on every Saturday.

5.7 Details of campus placement **NIL**

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 the College Gender Sensitization programs are arranged under Women cell. Prof. Mrs. Shital Kandalkar delivered a valuable talk on “women empowerment and sexual harrassment” on 07-02-2017. In another program on Women Day on 08/03/2017 Prof. Mayuri Wankhede gave an informative talk.

5.9 Students Activities

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

Sports-State/ University level	10	National level	Nil	International level	Nil
---------------------------------------	-----------	----------------	------------	---------------------	------------

Games- State/ University level **50** National level **02** International level **Nil**

No. of students participated in cultural events

State/ University level **24** National level **Nil** International level **Nil**

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

Sports : State/ University level **NIL** National level **NIL** International level **Nil**

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

Cultural: State/ University level **01** 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	252	10,05,818
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 financially and economically deprived students in rural area.

Mission: 1) To make every student knowledgeable

2) To encourage student to analyse their hidden potential

3) To focus on personality development of student through development of positive attitude, leadership qualities 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 role in development of curriculum of University, though some teachers contribute in 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
- C) To participate in refresher courses, Orientation Courses organized by UGC and Academic Staff College.
- D) To pursue for doctoral programme.
- E) To attend National and International Seminars organized by other colleges

6.3.3 Examination and Evaluation

Examination of students is conducted 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 paper, conducting a common test examination on a complete syllabus of each paper, conducting test practical at the end of each semester.

6.3.4 Research and Development

12 faculties have completed their Ph. D. degree and are engaged in research activities. One faculty member Mr. Ajay M. Shrirame submitted his Thesis for the award of Ph. D. degree in R.T.M. Nagpur, University, Nagpur. Faculties published 14 research papers in International Journals, 05 research papers are published in National journals and 08 research papers are presented in National and International Conferences.

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 facility in library.

The dimensions of Computer Laboratory are 25 x 20 sq. feet. In laboratories there are 15 Computers. Students are given computer literacy training by Department of computer science

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.

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

Rs. 4,75,000 /-

Constructed washrooms for boys and girls by JSW LTD. Kalmeshwar worth of Rs. 4.75 Lakhs

6.6 Whether Annual and financial Audit has been done?

Yes

6.7 Whether Academic and Administrative Audit (AAA) has 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 declares results within 30 days?

For UG Programme

No

For PG Programme

No

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

Syllabus of each examination is decided in meeting of Board of study of each subject in RTM Nagpur University, Nagpur then through faculty approved by Management Council and as per guideline by UGC, is implemented by college.

6.10 What efforts are made by the University to promote autonomy in the affiliated / constituent colleges? ---- NIL**6.11 Activities and support from the Alumni Association**

A meeting of alumni association was held on 07-03-2018 with the students and management. In this meeting alumni promised to arrange the guidance and lectures for competitive exams like UPSC, MPSC, SSC, Bank examinations, etc for students.

6.12 Activities and support from the Parent- Teacher Association

There is no any type of financial support from Parent-Teacher Association. Only suggestions for the infrastructure and other suggestions have received from some parents in the Parent-Teacher meeting organized in the college on 17-02-2018.

6.13 Development programmes for support staff

- i) The Principal of the college permitted the faculty members to attend the Orientation Programmes, Refresher Courses, Short Term Courses, Workshops organized by UGC and other Academic Staff College in India.
- ii) The Principal provides periodically conducts in campus seminars for the non-teaching staff for their up-gradation. Head of the department of Computer science always 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.

- LCD projectors helped teachers to execute better teaching.
- Counselling for weak and meritorious students
- Group discussion for students and Study Material are shared with students.
- Promotion of sports and co- curricular 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 from 22/09/17 to 29/09/2017.
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 and Carrier and Guidance Cell organised guest lecture on "Cloud Technology & Information security" on 03/02/2018 by Mr. Anil Tatode.• Department of Botany conducted guest lecture on "General Awareness in life Sciences" on 12/10/2017 by Dr. V.S. Doifode.• Department of Zoology conducted guest Lecture on 'Bee Keeping & Cross Pollination' on 30/12/2017 by Prof. Nitin P. Meshram.• Department of Chemistry conducted guest lecture on "Crystal Field Theory" on 18/01/2018 by Dr. W. B. Gurnule.• Department of Mathematics conducted guest lecture on "Vector Calculus and improper

		<p>integrals “on 12/03/2018 by Dr. G .R. Awachar</p> <ul style="list-style-type: none"> • NSS and Library department organised a workshop on ‘Mental Hygiene’ on 25/09/2017 by Dr. Pradip Nagrale. • Women cell organised a guest Lecture on 08/03/2018 by Dr. U.B. Mahatme & Dr. Gedam
5	To concentrate on introducing various sports	The Annual Sports meet was organised on 22 to 25 Jan 2018.
6	To arrange Parent meeting	17/02/2018
7	To arrange student alumni meeting	07/03/2018
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 programmes in their respective adopted villages.
9	National , International Day and Birth anniversary, Death anniversary	All activities as per as Academic calendar 2017-18

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 programmes in their respective adopted villages.

- Tree Plantation Programme
- Save Electricity Campaign
- Save Water Campaign
- Disposal of e - waste through proper procedure.
- Environmental awareness study tour

7.5 Whether environmental audit was conducted? **Yes, partially**

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 & Attended conferences in India and abroad.
- 4) Awards
- 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) Complete work of women hostel.
- 2) To enrich the library by new periodicals, journals and reference books.
- 3) Beautification of college campus.
- 4) Augment in infrastructure.

ACADEMIC CALENDAR OF THE YEAR 2017-2018

S. N .	Particulars	College period
1)	First term.	: 15 June 2017 to 15 Oct 2017
2)	Winter Vacation.	: 16 Oct 2017 to 14 Nov 2017
3)	Second term	: 15 Nov 2017 to 30 th April 2018
4)	Summer Vacations	: 1 st May 2017 to 15 th June 2018
5)	Last date of Admission	: 7 Aug 2017 and 14 September 2017 with prior permission of vice –chancellor
6)	Internal Exam.	1) First term: 1 st week of Oct. 2017 2) Second term 1 st week of Feb. 2018
7)	Examination	1) Winter Exam. Start from 24/10/2018 for regular student in odd Semester. 2) Summer Exam. Start from 13/03/2018 for regular student in even semester.

CALENDAR OF ACTIVITIES 2017-18

Sr. No	Date	Day	Event / Activity
1	16/06/2017	Friday	Staff Meeting for preparation of various committees
2	20/06/2017	Tuesday	Time table committees Meeting to apply New time table
3	21/06/2017	Wednesday	International Yoga day
4	01/07/2017	Saturday	Tree plantation by NSS and Botany Departments
5	03/07/2017	Monday	Meeting of IQAC Committee

6	21/07/2017	Friday	Staff academic meeting
7	25/07/2017	Thursday	Welcome to 1 st year students
8	11/08/2017	Friday	Orientation Programme for NSS / Sports
9	14/08/2017	Monday	Cleaning of college campus by NSS Unit.
10	15/08/2017	Tuesday	Independence Day
11	21/08/2017	Monday	Workshop on competitive Exam. by CGCC
12	29/08/2017	Monday	Sports day
13	04/09/2017	Monday	Meeting of students council Advisory committee
14	05/09/2017	Tuesday	Teachers day
15	16/09/17	Saturday	World Ozone day
16	25/09/2017	Monday	NSS foundation day
17	02/10/2017	Monday	Birth anniversary of M.K Gandhi
18	03/10/2016	Tuesday	Meeting of Exam. Committee about Internal Exam
19	01/10/2017	Sunday	GK Exam
20	15/10/2017	Sunday	Maharashtra Reading Day (Dr. A. P. J. Abdul Kalam Jayanti)
21	15/10/2017	Sunday	Hand wash day
22	30/10/2017	Monday	Dr. Homi Jehangir Bhabha Birth Anniversary
23	11/11/2017	Friday	National Education Day (Maulana Abul Kalam Azad Jayanti)
24	26/11/2017	Sunday	Sanvidhan Diwas (Constitution Day)
25	01/12/2017	Friday	World AIDS day

26	2 nd week Dec. 2017		NSS Special Camp
27	03/01/2018	Wednesday	Savitribai Phule Jayanti celebration
28	12/01/2018	Friday	National Youth day
29	15/01/2018	Monday	Sports committee meeting
30	22/1/2018	Monday	Meeting for organizing college annual Function
31	23/1/2018	Tuesday	Guest Lecture for students by CGCC
32	24/01/2018	Wednesday	Dr. Homi Jehangir Bhabha Memorial Day
33	26/01/2018	Friday	Republic day
34	28/01/2018	Sunday	ALUMNI MEET/Parents meet
35	30/1/2018	Monday	Hutatma Din M. K Gandhi Death Anniversary
36	Last week of Jan 18		College Gathering – Cultural Progmmme & prize Distribution
37	1/2/2018	Thursday	Meeting of exam. Committee about internal exam.
38	12/02/2018	Monday	Guest Lecture for students by CGCC
39	19/02/2018	Monday	IQAC Committee meeting for preparation of AQAR
40	27/02/2018	Tuesday	Marathi Gourav Diwas
41	28/02/2018	Wednesday	National Science day
42	08/03/2018	Thursday	Women's day
43	Month of March 2018		Farewell program for final students
44	11/04/02018	Wednesday	Mahatama Phule Jayanti

45	14/02/2018	Saturday	Dr. B.R Ambedkar Jayanti
46	Last week of April 2018		Feedback from students
47	01/05/2018	Tuesday	Maharashtra Day celebration

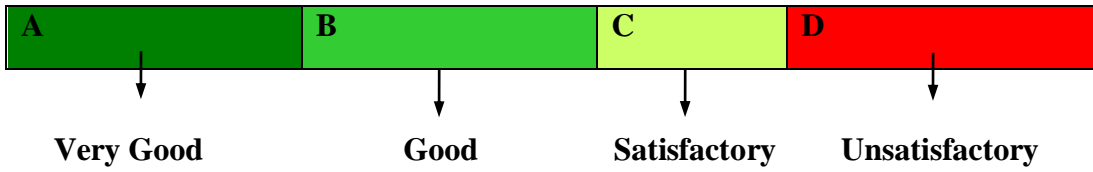
STUDENTS' FEEDBACK ON TEACHERS

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

Semester/Term/Year :2017-2018

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

4.00 3.00 2.00 1.50 0.0



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	91.25	5.0	3.75	----
2.	Dr. S. S. Charjan	88.75	7.5	3.7	----
3.	Dr. A. P. Ganorkar	92.5	5.0	2.5	----
4.	Dr. R. H. Gupta	87.5	7.5	5.0	----
5.	Dr. A. R. Bijwe	85.0	7.5	7.5	----
6.	Dr. V. A. Shende	90.0	5.0	5.0	----
7.	Dr . A. N. Darvekar	88.75	8.5	2.5	
8.	Dr. S. R. Hiwale	91.25	7.5	2.5	----
9.	Mr . A. M. Shrirame	87.5	8.5	3.75	----
10.	Dr. U. B. Mahatme	92.5	5.0	2.5	----
11.	Dr. S. C. Gedam	88.75	10.0	2.5	----

Name- Dr. Ajay P. Ganorkar

Signature of the Coordinator, IQAC

Name- Dr. Anand K. Tikhe

Signature of the Chairperson, IQA

Best Practice: #1
General Knowledge Examination (GKE)

INTRODUCTION

General Knowledge Examination is conducted by Dr. Bhabha Lokshikshan Vigyan Sanstha Kalmeshwar since 1990. In the year 1992 Dr. Bhabha Lokshikshan Vigyan Sanstha Kalmeshwar established Late K.Z.S. Science College thereafter the college took over all the responsibility of this examination. From last 20 years the Late K.Z.S. Science College is conducting this examination very successfully. This examination is specially designed for rural area school student of Seven Talukas in the category of A, B, C. The category 'A' is for 5th standard to 7th standard students, the category 'B' is for 8th standard to 10th standard students and the category 'C' is for 11th and 12th standard students. On an average 7000 to 10000 students appeared for the examination.

Table participation in General Knowledge Examination 2017.

Talukas	Schools	No. Of centre	category 'A'	category 'B'	category 'C'	Total
7	43	43	1299	2865	433	4597



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 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 2017-2018)

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
