Government of Maharashtra
Estd: 1880

Rajaram College, Kolhapur

Vidyanagar, Kolhapur 416004

E-Mail: rajaramcollege@gmail.com

Telephone -(Office) : 0231-2537840   Fax : 0231-2531989

No.RCK/AQAR/2017-18/ 2266   Date: 31/12/2018

To,

The Director,

NAAC,

Banglore

Subject – Submission of AQAR 2017-2018

Respected sir,

Please find attached the Annual Quality Assurance Report [AQAR 2017-2018] of Internal Quality Assurance Cell IQAC of Rajaram College, Kolhapur.

Kindly accept the same for the necessary action.

Thank You.

Yours faithfully

Dr. A.S. Khemnar

Principal,

Rajaram College, Kolhapur

Principal

Government of Maharashtra's
Rajaram College, Kolhapur.

FOR PERSONALITY.
FOR NATIONALITY.

Government of Maharashtra's

RajaRam College, KolhapuR

Vidyanagar, Kolhapur

(Established in 1880)

ANNUAL QUALITY ASSURANCE REPORT
2017-2018

Submitted to

NatioNal assessmeNt aNd accreditatioN couNcil (Naac)
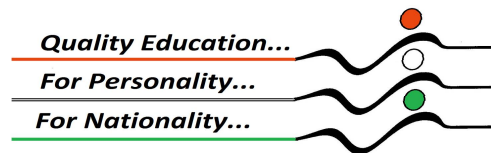Bangalore 560 072, KarnataKa, IndIa

Internal Quality Assurance Cell
Rajaram College, Vidyanagar, Kolhapur 416004

Phone: 0231-2437840, Fax: 0231-2521989   E- Mail: iqacrck@gmail.com,
rajaramcollege@gmail.com, Web: www.rajaramcollege.com

Quality Education...
For Personality...
For Nationality...

PREFACE

We are glad to submit the Annual Quality Assurance Report of the College for the academic year 2017-2018 to NAAC Bangalore. As per vision document of five years road map of the Institute and suggestions and recommendations made by peer team of second reaccreditation cycle, in this year we have started second year of commerce program and three interdisciplinary courses Astrophysics , Nanotechnology and Music at graduate level. Also we have strengthened mentor mentee scheme, fifteen days bridge course was conducted for new entrant in the month of July. Teaching modules of English language were developed and uploaded on YouTube by Dr. Bite V.K.

To boost up research culture five research projects were submitted to funding agencies, among which three faculty were sanctioned research projects under research initiation scheme, one interdisciplinary students research project was sanctioned under Lead College scheme by Shivaji University, Kolhapur.

To understand concept of basic science, use of science in day to day life, transfer of technology from lab to field, concept of " Lab on Wheels " , mobile laboratory was introduced and we visited Kuditre village,Dist.Kolhapur.

Bhavgandh – A spectacular, memorizing, cultural event by singing old, melodious, filmy Marathi songs was organized in the revered presence of Marathi veteran actor and aluminous Bhalchandra Kulkarni .

To sensitize youth about various social services and issues, youth initiative programmes like camps, rally's, workshops, competitions were organized by various Departmental clubs, cells and committees.

We congratulate the students, staff and the members of faculty on their excellent achievement in this academic year.

RAJARAM COLLEGE, KOLHAPUR
THE ANNUAL QUALITY ASSURANCE REPORT (AQAR) OF THE IQAC
For the year from 1st July 2017 to 30st June 2018

Part – A

1. Details of the Institution

1.1 Name of the Institution

> Rajaram College, Kolhapur

1.2 Address Line 1

> Rajaram College, Vidyanagar

Address Line 2

> E-ward, University Road.

City/Town

> Kolhapur

State

> Maharashtra

Pin Code

> 416004

Institution e-mail address

> rajaramcollege@gmail.com

Contact Nos.

> 0231-2537840, 0231-2531989

Name of the Head of the Institution:

> Prof. Dr. A. S. Khemnar

Tel. No. with STD Code:

> 0231-2537840, 0231-2531989

Mobile:

> 09850924991

Name of the IQAC Co-ordinator: | Dr. Y.C. Attar

Mobile: | 09423039626

IQAC e-mail address: | iqacrck@gmail.com

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)* | MHCOGN-10575

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

8-01-2004 (1st cycle)
19-03-2016(2nd Cycle)
Ec. No.:

1.5 **Website address:** | www.rajaramcollege.com

Web-link of the AQAR: | www.rajaramcollege.com/NAAC/AQAR17-18.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	1st Cycle	A	86.10	2004	2009
2	2nd Cycle	A	3.23	2016	2021
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC : DD/MM/YYYY | 26/09/2013

1.8 AQAR for the year *(for example 2010-11)* | 2017-18

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

AQAR 2016-17 submitted to *NAAC* on 24/3/2017

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 [ ]

* State Government   college

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*)   [Shivaji University, Kolhapur]

1.13 Special status conferred by Central/ State Government--

UGC/CSIR/DST/DBT/ICMR etc

RUSA Agency has sanctioned funds for College development

Autonomy by State/Central Govt. / University ☐

University with Potential for Excellence ☐   UGC-CPE ☐

DST Star Scheme ☐   UGC-CE ☐

UGC-Special Assistance Programme ☐   DST-FIST ☐

UGC-Innovative PG programmes ☐   Any other | RUSA |

UGC-COP Programmes ☐

2. IQAC Composition and Activities

2.1 No. of Teachers | 07 |

2.2 No. of Administrative/Technical staff | 01 |

2.3 No. of students | 01 |

2.4 No. of Management representatives | 01 |

2.5 No. of Alumni | 01 |

2. 6 No. of any other stakeholder and Community representatives | |

2.7 No. of Employers/ Industrialists | 01 |

2.8 No. of other External Experts | 0 1 |

2.9 Total No. of members | 13 |

2.10 No. of IQAC meetings held `6`

2.11 No. of meetings with various stakeholders: No. `6` Faculty `5`

Non-Teaching Staff Students `1` Alumni `1` Others `-`

2.12 Has IQAC received any funding from UGC during the year? Yes ☐ No `√`

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. `7` International ☐ National ☐ State `1` Institution Level `6`

   (ii) Themes

> 1. *"Science Spectacle": To develop right perspective for learning science subjects and motivation to produce icons in the field of Science and Technology organized by Science Association committee.*
>
> 2. *Lead College Workshops sponsored by Shivaji University, Kolhapur. On the following Themes:*
>   1. Frontiers in Interdisciplinary Sciences (Physics Department) 2. Skill development (Electronics and Geology Department) 3. Forts and Tourism (History Department) 4 Digital Herbarium: interdisciplinary workshop by Electronics and Botany Department   5. mathematics in nature (Math's Department)

2.14 Significant Activities and contributions made by IQAC

IQAC, being a mechanistic body, contributed for the quality assurance of the Institute in following ways-

- To understand Observational Astronomy/Space exploration : "Overnight Sky watching Program" and " Meteor showers"
- Introduced "Lab on Wheels" : A mobile laboratory to understand basics sciences concepts by moving to remote areas and to reach the underprivileged section of society.
- National science day celebration in college by fostering scientific temperament amongst students and arranging exhibitions for high-school students.

- Lecture on career opportunities in space science by Dr. D. P. Nade of Sanjay Ghodawat University, Atigre.Kolhapur.

- Lecture on Awareness of Energy conservation Program by Dr. M. M. Wagh from Department of Technology, Shivaji University, Kolhapur.

- ICT based learning: Virtual class room initiated for the first time in the college by Electronics department. Developing Modules and video lectures by English department. Five webinars were organized by microbiology department in collaboration with association with microbiologist society, India

- Two days intercollegiate student meet for enriching knowledge in chemistry, Geology and microbiology at state level

- " Bhavagand" : A spectacular and mesmerizing cultural event showcasing the innate talent of students by singing melodious old filmy Marathi songs in the revered presence of Veteran Actor and alumnus Mr.Balchandra Kulkarni.

- Exhibition of antique and rare armaments of medieval period for knowing the India defense system.

- Sensitization Programs by Ladies association Department: themes- Stress caused by Virtual world; Image of Women in various sectors of employment; Demonetization, gender Sensitization, 'Beti Bachao-Beti Padhao'and Human trafficking.

- Opportunities of Employment through campus interviews and Employment registration drive was introduced for the first time.

- "Nirbhaya Abhiyan": Self defense training for girls.

- Participation in administrative and academic training for teachers organized by Yashada, Pune.

- Lecture on patent filing by Adv. Mrs.Deepa Vichare.

- Creation of E-Lecture module.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievement
1. To boost up research culture amongst faculties and students	Research papers published in various National and International Journal by faculty and Ph.D scholars.
	Student as well faculty members attended and presented papers at Seminars, Workshops, Symposia, and Conferences at a various levels.
	UG Students were granted Rs 10,000/- for interdisciplinary research project
	UG students participation in "Avishkar", University level research project competition
	"Frontiers in interdisciplinary research" : A regional level research workshop was organized
	Two Collaborative projects of Physics department were granted extension.
	Proposals submitted to various funding agencies for organizing Seminar/ Work shop/Conferences. CSIR, New Delhi has recommended partial funding for Conference on Gravitational Astronomy
	Major and Minor Project proposals submitted to various funding agencies. Sanction awaited.
	Three minor research projects were sanction by Shivaji University, Kolhapur to faculty for research initiation.

2. Emphasis on skill development amongst faculty as well as students	Skill development and Entrepreneurship workshop were organized. Proposal submitted to UGC New Delhi introduce B.Voc. Programme in Foundry Sciences, Machine Shop and Gemology.
3. To organize lead college workshops on unique themes.	Four workshops were organized. Nearby local college students and the faculties from different disciplines were benefited. Satisfactory feed-back was obtained
4. A best practice of Mobile laboratory "Lab on Wheels" was initiated to rich the under privileged section of society.	Products devised by the college students were exhibited. Students could explore their creativity in applying the knowledge gained in their respective subjects. Reaching remote areas for science concepts clearance of school childrens. It helped in enhancement of communication skills.
5. To initiate ICT based learning	PPT, Modules, Video lectures, Virtual classroom practice, webinars were implemented.
6. Career and training opportunities in software industries provided for final year UG students.	Student could take advantage of exploring their e-skill and logical abilities. Few of them got standing job offers in TCS. Forty five days student training programme was arranged in the campus with the help of TCS.
7. Sensitization Programs by Ladies Association	Awareness and severity of the current issues in the Nation were effectively impressed on the minds of our students. Telecasting and discussion on a short film " Pinjara" for gender sensitization.
8. Arranging expert lectures on various subjects	Grooming students to learn beyond prescribed Curriculum
9.Extension activity for popularizing basic sciences to high school students	Students were trained to share and apply their gained knowledge for practical usage to make science popular amongst school children. The feedback was excellent

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10.Cultural shows through Cultural katta and annual Gathering	"Bhavgand" a Music concert organized by College was appreciated by the local public and was judged at the ranking of "Television reality shows" by media. The students got inspired for their innate talents in Marathi folk songs. Students secure prizes at District and State level in youth festival in Debate and Singing.

* Academic Calendar of the year is attach as Annexure I.

2.15 Whether the AQAR was placed in statutory body

Yes [√]   No [ ]

Management [ ]   Syndicate [ ]   Any other body [IQAC]

Provide the details of the action taken

The IQAC Committee regularly arranged meetings with the faculty and staff.

All the Departments were examined for their academic progress and suggestions were given for improvements.

Special emphasis was given to seek affiliation for natural growth to promote students of newly introduces courses to higher level

IQAC prepared a review of academic and other activities of the college and the Principal presented it to State level review committee meeting of the state Government.

Feedbacks from stakeholders were analyzed and suitable actions for improvement were suggested.

Criterion –I

1. Curricular Aspects

1.1Details about Academic Programmes

Level of the Programmes	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added/ Career Oriented programmes
Ph.D	01(07 Subjects)	01(03Subjects)		
PG	03			
UG	03		05	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others	02(M.sc. T&D)			
Total	09	01	05	

Interdisciplinary				
Innovative				

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

- There is a system of core subjects and open for all programs.
- Students offer either *Public Administration or History of Social Reformers in Maharashtra as an interdisciplinary subject at B. A. part II*
- CBCS Pattern is adopted for M.A. Psychology, Home Science and M.Sc. Analytical Chemistry.

(ii)Pattern of programmes

Pattern	Number of programmes
Semester	B.A./B.Sc. Part- I,II,III &M.A. Part-I &II B.Com Part-I ,M.Sc Part I
Trimester	
Annual	

1.3 Feedback from stakeholders * Alumni [√] Parents [ ]

Employers [ ] Students [√]

(On all aspects)

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

Students give their feedbacks about curriculum development to the respective departmental heads.

*Analysis of the feedback attached (Annexure II)

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

 Syllabi revised as per Shivaji University, Kolhapur

 1.5 Any new Department / Center introduced during the year. If yes, give details   No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors /Principal*	Others
41	31	09	01*	

2.2 No. of permanent faculty with Ph.D.

31

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

Asst. Professors		Associate Professors		Professor/Principal*		Others		Total	
R	V	R	V	R	V	R	V	R	V
31	-	9	-	1	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

CHB 43		V 4		G 4

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended		2	
Presented papers	13	11	3
Resource Persons		1	

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

- Organized "Lab on wheels" to initiate the concept of technology transfer from lab to land/field

- Organized lead college activity workshops on 'Physics Frontier in interdisciplinary research" ,and Skill Development"

- School visits were organized to promote the use of science in day today life.

- Organization of sky watching programme on Panhala fort for the students of Physics and Astrophysics.

- Screening of films based on literary work & Gender Sensitization.

- Organization of "Constitution Day" and "Voters' Day" to induce seeds of Democracy among student

- Guidance for P G Entrance Examination**.**

- Organization of Online lectures/virtual classroom

2.7 Total No. of actual teaching days

| 191 |

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

| 191 |

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

- Seminar and home assignments were conducted.
- Improvement of practical skills of students by assigning projects.
- Provision of photocopy if asked by student.
- Question banks were provided to students
- Surprise tests were conducted

2.9 No. of faculty members involved in curriculum
   restructuring/revision/syllabus development

Sr	Involvement Event	No of Staff
1	Other University BOS Member	01
2	Faculty and Academic council members	-
3	B.O.S Members	01
4	Subcommittee for curriculum development	06
5	Organization of workshops on Syllabus Reforms	-
6	Management Council Member	-

as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

Arts Faculty	%	Science& Commerce Faculty	%
B.A Part I	80.23	B.Sc. Part I	82.00
B.A Part II	84.12	B.Sc. Part II	91.90
B.A Part III	88.42	B.Sc. Part III	94.26
M.A. Part I	93.00	M.sc Part I	91.44
M.A. Part II	92.76	M.sc Part II	88.73
		B.com Part I	87.33
		B.com Part II	86.26

2.11 Course/Programme wise distribution of pass percentage:

Sr	Title of the Programme	Total no. of students appeared	Division				
			Distinction %	I %	II %	III %	Pass %
1	B.Sc. Part I	360	14.72	27.5	26.66	26.94	95.82
2	B.Sc. Part II	402	26.61	30.84	17.16	2.23	76.84
3	B.Sc. Part III	352	33.5	39.5	18.9	-	91.9
4	B.A Part I	230	14.78	16	22.60	34.96	88.34
5	B.A Part II	187	11.22	22.4	43.31	17.72	94.65
6	B.A Part III	194	17.27	21.98	36.12	1.04	76.41
7	B.Com Part I	128	7	14.06	41.40	26.56	89.02
	B Com Part II	52	9.6	19.23	19.23	9.6	57.66
8	M.A. Part I (Psychology)	16	-	56	-	-	56
9	M.A. Part II (Psychology)	08	-	62.5	12.5	-	75
10	M.A. Part I (Home Science)	04	-	75	-	-	75
	M.A. Part II (Home Science	04	-	50	25	-	75
11	M. Sc. Part I (Chemistry)	27	-	18.51	-	-	18.51
	M. Sc. Part II (Chemistry)	26	-	50	-	-	50

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

- Up gradation of class rooms by providing LCDs and interactive boards

- Monitoring teaching learning process by analysis of results through supervision of principal IQAC HODs.

- Result analysis of previous examinations and suggestions for quality improvement.

- Student's feedbacks are analyzed & suggestions are considered for quality improvement.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	03
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	02
Staff training conducted by the university	01
Staff training conducted by other institutions	07
Summer / Winter schools, Workshops, etc.	04
Others	01

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	15	5		
Technical Staff	36	8	1	

Criteria – III

3. Research, consultancy and Extension

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

Motivated students to write research proposals,& participate in Avishkar
Motivated staff to write research proposals conducts research workshops.
Deputation of teachers for workshops, seminar, conferences, Organized a speech on patent filling.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-03	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	3	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	21	7	2
Non – Peer Review Journals	-	-	-
e- Journals	2	-	-
Conference Proceedings	4	4	1

3.5 Details on Impact factor of publications:

Range | 0 to 4 | Average | - | h – index | 21 | Nos. in SCOPUS | 5 |

3.6 Research funds sanctioned and received from various fun   ding agencies, industry and other organizations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	i. 3 Years	BRNS	34.04	4.10128
	ii. 3years 2015-18	UGC-DAE CSR	9,45,453	2,60,600
Minor projects	-	-	-	-
Interdisciplinary projects	3 Years	UGC	8.85	Nil
Industry sponsored	-	-	-	-
Projects sponsored by the University / College	2 Years	Research initiation by University	95,000	
	2 Years	Research initiation by University	105000	
	2 Years	Research initiation by University	1,00,000	
Students research projects (other than compulsory by the University)	6 Months 2017-18	Shivaji University Kolhapur	10,000	10,000
Any other (Specify)				
Total	07		54,49,453	6,80,728

3.7 No. of books published i) With ISBN No. | 1 | Chapters in Edited Books | 2 |

ii) Without ISBN No. | 1 |

3.8 No. of University Departments receiving funds from

UGC – SAP | | CAS | | DST – FIST | |

DPE | |

3.9 For Colleges   Autonomy | | CPE | | DBT Star Scheme | |

INSPIRE | 06 | 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				1	
Sponsoring agencies				02 (Lead College)	

3.12 No. of faculty served as experts, chairpersons or resource persons | 5 |

3.13 No. of collaborations   International | | National | 2 | Any other | |

3.14 No. of linkages created during this year | 2 |

3.15 Total budget for current year in lakhs: 6.80128

From funding agency 6, 80,728   From Management of University/College

Total   6, 80,728.

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialized	Applied	
	Granted	

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
		2				

3.18 No. of faculty from the Institution

   who are Ph. D. Guides | 15 |

   and students registered under them

                                | 76 |

3.19 No. of Ph. D. awarded by faculty from the Institution | 2 |

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

   JRF | 1 | SRF | 1 | Project Fellows | | Any other | |

3.21 No. of student participated in NSS events:

   University level | 32 | State level | 7 |

   National level | 12 | International level | |

3.22 No. of students participated in NCC events:

University level [90] State level [16]

National level [12] International level [ ]

3.23 No. of awards won in NSS:

University level [ ] State level [ ]

National level [1] International level [ ]

3.24 No. of Awards won in NCC:

University level [1] State level [ ]

National level [ ] International level [ ]

3.25 No. of Extension activities organized

University forum [-] College forum [2]

NCC [8] NSS [4] Any other [ ]

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

Health Awareness: 1) Celebration of 'YOGA DAY'.

2) Participated as Resource Person or Training Guide for Training of 'AASHA' candidates in regard to Health and Nutrition of Rural Women in Nov 2017, at Nagaon, Tal. Karveer, Dist. Kolhapur.

3) **Home Science Department** participated in Vocational Training organized for AASHA workers 'Planning and Management of Diet for health of rural people' organized in collaboration with Krishi Vigyan Kendra, Talsande, Tal. Hatkanangale, Dist. Kolhapur.

4) **Blood Donation Camp was** organized by NCC unit.

Environment Awareness:

1) Swacchata Abhiyan and Save Girl Child program was organised by **NCC** unit **and Chemistry Department** with Lakshya Kiran Academy.

2) Tree Plantation at Rajaram College was organised by NCC students.

Cultural Activity: 1) 10 NSS students participated in NIC camp in Hasan,Karnataka.

2) Celebrated various Birth and Death Anniversaries as per Government rule and norms.

Extension activity: 1) **Political Science Department** organised a visit of B.A.III students to Old Age Home.

2) Distribution of school material at Rajendra Nagar slum area students by NCC students.

3) Distribution of clothes by NCC students to underprivileged people at Gadmudshingi slum area on the occasion of NCC Day.

4) Blanket donation to children of sugarcane factory workers by NCC students.

5) Road safety campaign was organised by NCC students.

6) Ladies staff members donated Rs 2000 to student aid fund Poster presentation on human trafficking organised by ladies association.

Academic Activity:

1) **Four Lead College Workshops** were organised on themes 'Frontiers in Interdisciplinary research', 'Mathematics in nature', 'Skill Development' and 'Forts and Tourism'.

2)50 students participated in the activity 'Lab on Wheels' organized by Science Association.

3) **Electronics Department** 2018- Rural Tech Fest- First and Second Rank achieved by students   organised by Shivaji University, Kolhapur.

4) **Economics Department** organised lecture on Share Market (SEBI) for students.

Faculty Social Responsibilities: 1) Ladies staff members donated rupees 2000 to student aid fund.

2) Faculty members render economic support to poor students.

Criteria IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus Area	66.03 acres	-		
Class rooms	26	04	State plan	
Laboratories	12	02		
Seminar Halls	09	01		
No. of important equipments purchased (≥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

Administration complete, Biometric attendance Library- partial- KOHA Software + RFID Reader + Tag + Data Entry Rs. 12,27900/-

4.3 Library Services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	86	15026	261	50,000		
Reference Book	94408	1649223			94408	1671322
e – Book	93,000	0		0	0	0
Journals						
e – Journals (inflibent)	0	0	10,000	0	0	0
Digital Database	0	0	0	0	0	0

CD & Video	0	0	0	0	0	0
Others (Specify)	0	0	928	123051	928	123051

4.4 Technology up gradation (Overall)

	Total computers	Computer labs	Internet	Browsing centres	Coputer centres	Offce	Departments	Others
Existing	107	01	20			06	29	
Added	-	-	-			-		
Total	82					06	29	

4.5 Computer Internet Access, Training to teachers and students and any other program for technology up gradation (Networking, e – Governance etc.)

Organization of training for students on power point presentation

4.6 Amount spent on maintenance in lakhs:

i) ICT   0.18

ii) Campus Infrastructure and facilities   66.44

iii) Equipment   --

iv) Other   79.19

            Total   145.63

Criterion –V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services
1. IQAC committee gives guidelines for the preparation of college prospectus.
2. IQAC cell encourages the activities of career guidance and placement cell.
3. Initiated Mentor- Mentee scheme for First Year Student

5.2 Efforts made by the institution for tracking the progression
1. Academic and personal counselling.
2. Career Counselling and Placement guidance for students**.**
3. Tracking the progression at departmental level.(Higher education)
4. Tracking the academic progression   by result analysis committee.

5.3 (a) Total Number of students enrolled during the year:

UG	PG	Ph. D.	Others
2172	96	70	09

(b) No. of students outside the state

6

(c) No. of international students

Nil

Men

No	%
1225	53,91

Women

No	%
1047	46.03

Last Year 2016-17						This Year 2017-18					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
950	257	9	422	1	1639	**1439**	287	12	530	-	2268

Demand ratio **2.08:1**   Drop out % 9.92 **%**

5.4 Details of student support mechanism for coaching for competitive examinations (If any)
1. Coaching series for competitive examinations along with regular teaching.
2. Guest lecture on Budget and economic survey
3. Guest lecture on Panchayat Raj
4. Guest lecture on Preparation for competitive exam.
   No. of students beneficiaries

350

5.5 No. of students qualified in these examinations

NET [01]   SET/SLET [03]   GATE [Nil]   CAT [Nil]

IAS/IPS etc [Nil]   State PSC [Nil]   UPSC [Nil]   Others [1]

1. Vishal Pandit –NET
2. Mahesh Kukade- SET
3. Jyoti Sawant- SET
4. Vidya Nikam- SET\
5. Nelam Giakwad IITJAM

5.6 Details of student counselling and career guidance:
1) Workshop was organized on skill development and team building
2) Workshop was conducted on overall personality development
3) A guest lecture conducted by Anil V. Ghule, Shivaji University Kolhapur on Avenues and Aspects of Analytical Chemistry.
4) Workshop was organized on Evolution- Personality development programme

No. of students benefitted   [**More than 1000**]

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
09	200	03	02

5.8 Details of gender sensitization programmes
1) Discussions on telecasted short film Pinjara
2) Organization of slogan competition on 'Beti Padhao -Beti Bachao', save girl child and gender equality
3) Organization of Sambhav activity.

5.9 Students Activities

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

State/ University level [3/95]   National level [4]   International level [Nil]

No. of students participated in cultural events

State/ University level [0/17]   National level [0/0]   International level [Nil]

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

Sports : State/ University level | 0/22 | National level | 2 | International level | Nil |

Cultural: State/ University level | 0/2 | National level | Nil | International level | Nil |

5.10 Scholarships and Financial Support

	Number of students	Amount in Rs
Financial support from institution	30	35450
Financial support from government	366	51270346
Financial support from other sources (Malhotra Foundation)	3	30000
Number of students who received International/ National recognitions DST INPSPIRE AWARD	6	360000

5.11   Student organized / initiatives

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

Exhibition: State/ University level | 0/2 | National level | Nil | International level | Nil |

5.12   No. of social initiatives undertaken by the   students: NCC day rally | 15 |

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: "Quality Education for Personality and for Nationality"

Mission: To impart quality education to students from all strata of society, to create and to stimulate a conducive academic atmosphere for Higher Education, to ensure values like Truth, Honesty, Character, Sacrifice among the Students by sensitizing them to various issues and problems of the society and to make them competent, global citizens, aware of new technologies and scientific temper.

Goals set for the year 2017-18

- To strengthen the Mentor-menti Scheme
- To strengthen Parent-Teacher association.
- To initiate value added bridge courses for students.
- To motivate students for extensive participation in social awareness programmes.
- To organize health awareness camp for staff and students.

6.2 Does the Institution has a management Information System

Yes.

Annual/Periodic reports of the various Committees, Departments and Units of the college.

Various circulars, orders, letters

Agenda and Minutes of the Meetings

Meetings, discussions and oral communications

Feedback from various stakeholders

College prospectus and annual magazine -'Rajaramiya'.

Correspondence with GOs, NGOs

College website, Net browsing and other ICT tools

'Sevarth'-, a government information system, includes personal information of faculties.

1) Several faculty members are involved in course restructuring and revision committees constituted by Shivaji University.
2) Work load distribution as per specialization of faculty members.
3) Examination committee ensures smooth conduct of examinations.
4) Several faculty members are active members of University appointed examination committee to frame questions papers and evaluate examination scripts.

6.3.2 Teaching and Learning

1) Highly qualified and dedicated faculty.
2) Healthy interaction between students and faculty which goes beyond the classrooms.
3) Learning beyond curriculum.
4) Innovative methods are adopted for teaching and learning process.
5) For all practical oriented programmes various subject related projects, semi-projects, industrial visit, guest lectures are insisted.
6) Well-equipped library for both faculty and students.
7) Excellent collection of rare and latest books and journals.
8) Regular feedback from students to improve teaching and learning methods.
9) Mock interviews and group discussion are a part of simulation exercises helping them in placements.
10) Mentoring and counselling of slow learners are part of teaching and learning process.
11) Organization of e- lectures on syllabus topics in Microbiology.

12) Guiding students for the preparation for PG entrance Exam.

6.3.3 Examination and Evaluation

- Multiple choice question-based examinations conducted for T.Y.B.A. and T.Y. B.Sc., courses.
- Open book test introduced by Department of Microbiology.
- Fair conduct of examinations.
- Conduct of Central Assessment Programme of Shivaji University, Kolhapur
- Provision to provide photocopies of answer books.
- Prompt and timely evaluation for F.Y.B.A., F.Y.B.Sc. and F.Y.B.Com. University exam through CAP of Shivaji University, Kolhapur.
- Provide question-bank to students.
- Preliminary examination conducted for some classes of B.A. and B.Sc.
- Guidance for viva-examinations for T.Y. B.Sc.

6.3.4 Research and Development

- Three faculty were sanctioned research projects by Shivaji University, Kolhapur.

- Sanctioned interdisciplinary project of Rs. 10,000 for Botany and Electronics for students by Shivaji University under Lead College.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- SMART board and addition of LCD projectors facilities to departments.

- Surveillance system with CCTV facility having cameras for main building

- Library OPAQ available on Websites

- INFLIBNT data available for staff and research student

- Automation of library Digitization, RFID gate, LCD projectors and Xerox machines.

- Virtual classroom.

6.3.6 Human Resource Management

- Planed and effective mechanism for HRM involving all teachers and administrative staff entrusting them with different responsibilities

- Health awareness camp for staff.

- Motivation to participate in workshops /seminars/conferences.

6.3.7 Faculty and staff recruitment

- The faculty recruitment process is conducted by Maharashtra Public Service Commission an autonomous organization of the Govt. of Maharashtra.

- Additional faculties required (viz CHB. Visiting guest lecturers are appointed by the principal; with permission of DHE.

- The administrative staffs i.e. class- 3 and class- 4 employees are recruited by Joint Director of Higher Education according to the vacancies.

- Teaching faculties are appointed by Government of Maharashtra through Maharashtra Public Service Commission.

- The admission process is done on the basis of merit.

- Fair admission system implemented by the admission committee co-ordinators as per

- Online submission of admission forms is practiced for all classes.

- The admission process is done on the basis of merit.

- Fair and impartial admission system governed by the admission committee co-coordinators.

6.4 Welfare schemes for

Teaching	• Medi – claim • Group insurance • Loan facility and local travel concession to employees
Non-teaching	• Medi – claim • Group insurance • Loan facility to employees • local travel concession
Students	• Students aid funds • Dakshina fellowship • GOI scholarship • Merit scholarship and fellowship • Fee concession to economically weaker students • Accidental insurance

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done | Y | Yes | - | No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Y	DHE-PUNE	Y	Internal Committee
Administrative	**Y**	Government	Y	College committee

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

For UG Programs   Yes | Y | No | |

For PG Programs   Yes   No

| Y | | |

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

- College implement university SRPD (secured remote paper delivery) system effectively
- . Photocopies of answer scripts are provided for students based on request.
- Revaluation of Answer book
- Online declaration of semester result.

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

University autonomy committee visited college on 20/04/2017 and Government of Maharashtra ha granted No Objection Certificate to start autonomy on 21/8/2017.

College is preparing for UGC committee visit for autonomy.

6.11 Activities and support from the Alumni Association

- Some alumni work as CDC members and share their views for development of our college

- Earn and learn scheme is introduced by alumni.

- Alumni guide the students for preparation of various entrance exams.

- Alumni association (WE Care) organized motivational lectures "quest for success".

- The Agnihotri prize is awarded to a student from the arts faculty who excels in studies and extra-curricular. This prize has been donated by an alumnus.

- Mr. Parikh an alumnus has donated an amount to organize lectures of eminent personalities to pay respect to his teacher principal Bar. Balasaheb Khardekar endowment lecture series

- Parent- teachers Association was established for Senior College.

6.13 Development programs for support staff

- Health awareness camp was organized for staff

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

- Trees census is done regularly

- Tree plantation in the campus

- Use of solar heater system in hostels

- LED lamp

Criterion – VII

7. Innovations and Best Practices:

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

1. Organisation of State level Model Competition on "Applications of Microbial Technology.

2. Virtual Classroom started in the Department of Electronics. Also a mobile application entitled "Classroom" is used for the online interaction with the students.

3. Online lecture series were organised by the Department Of Microbiology.

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

IQAC as per the year plan successfully carried out following activities

1. Sky Observation Programme organized for the students by the Department of Physics.

2. Student Research Sensitization programme was organized by the Departments of Electronics and Botany under Lead College scheme.

3. Industrial trainings organized by the Department of Microbiology for the students of B. Sc. I at Gokul Dairy and S.G. Phyto Pharma, Kolhapur.

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

We have decided to focus on two best practices for next five years

- **Practice I:**

  - **Title of the practice: Research Sensitization**
  - **Goals and Objectives of the practice:**
    a) To encourage the students and the faculty to involve in research activities.
    b) To inculcate research aptitude among the students.
    c) To explore new area in research.
  - **The context:** The college has research centres in 7 subjects at present catering to 76 students guided by 15 Research Guides.

- **Practice:** Research papers published in various National and International Journals by the faculty and Ph.D scholars. Students as well as faculty members attended and

presented papers at Seminars, Workshops, Symposia, and Conferences at various levels.

"Frontiers in interdisciplinary research": A regional level research workshop was organized.

Evidence of success: Two Collaborative projects of Physics department were granted extension.

- UG Students were granted Rs 10,000/- for interdisciplinary research project
- UG students participation in "Avishkar", University level research project competition.
- Three faculty members were sanctioned minor research projects by Shivaji University, Kolhapur.
  - **Problems encountered and resources required:**. This practice did not encounter any specific problems except the lack of infrastructural resources.

  - **Practice II:**

  - **Title of the practice: Lab on Wheels**

  - **Goals and Objectives of the practice:**

    a) To encourage the school students to gain knowledge about the science through observation and experiments.

    b) To inculcate scientific attitude among the school students.

    c) To rich the under priviledge section of society for transfer of technology from Lab to Field.

- **The context:** There are many students who have a strong desire to study and gain knowledge. However, they cannot do so due to their social or economic problems. Therefore, "Lab on Wheels" is an attempt to take education to the needy and widely spread the message about the significance of scientific applications in the daily life of peoples.

  - **Practice: T**he Science Departments conducts this activity every year.
  - **Evidence of success:** This activity receives very good response. During the visit, school childrens,their teachers,village peoples were happy to view and handle such facilities to their doors.

- **Problems encountered and resources required:** To make this practice, more sophisticated advanced at par with the National Level financial assistance is required.

Annexure III

7.4 Contribution to environmental awareness / protection

1. Department of Geography organized poster competition on water conservation
2. Department of NSS students made garbage boxes and installed them in the college campus.
3. NCC unit organized environmental awareness rally.

7.5 Whether environmental audit was conducted?   No

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

SWOT Analysis:

Strengths:

    i.   Eco-friendly campus
    ii.   Separate buildings for Science departments and well-equipped laboratories
    iii.   Well-qualified staff
    iv.   High quality research output

Weaknesses:

    i.   Inadequate Supporting Staff/Non-teaching staff
    ii.   Need of Separate buildings for humanities and Social Sciences
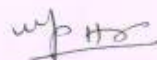
Opportunities:

    i.   Launching of value-added/ skill-based courses
    ii.   Collaboration with other academic institutes and industries/agencies

Threats:

    i.   Low rate of campus placement
    ii.   Lack of PG courses

7.7 Plan for next year

- To start Value added courses in all subjects.
- To start a certificate course in English Communication.
- To organize a national level conference on Gravitational Astronomy and Atmospheric Sciences.
- To organize induction programs for teachers.

IQAC Co-ordinator

Principal
Principal
Government of Maharashtra's
Rajaram College, Kolhapur.

FOR PERSONALITY.
FOR NATIONALITY.

FOR PERSONALITY.
FOR NATIONALITY.

Rajaram college, Kolhapur.

Academic calendar for 2017-2018

Academic terms:

First term: 12-06-2017 to 14-10-2017   Winter Vacation: 15-10-2017 to 05-11-2017

Second term: 06-11-2017 to 28-04-2018   Summer vacation: 29-04-2018 to 14-06-
2018

University holidays: 18   Teaching days: 191

Month	Activity
June	Meeting of staff with principal
	Admission procedures
	Time table preparation
	Planning of academic and Administrative duties
	Shahu Jayanti
	Yoga Day
July	Principal address to students
	H.O.D meeting with principal
	Academic counseling of students at Department level. Submission of lead college proposals
	Lectures/ practicals of Bridge course
	Meeting of IQAC with criteria co co-ordinator
	Plantation Program
August	Staff meeting with principal
	Procedure for purchase under DPDC, state plan funds.
	Planning for study tours and submission of proposals to DHE for approval.
	Preparation of youth festival with selected students
	Unit test
	Report of syllabus progress
	Independence day celebration
	Bhavgandh (Cultural event)
September	Celebration of Teachers Day
	Activities of film club, trecking club, reading club
	Planning of university examinations
	Unit test
	Meeting of IQAC with criteria co-ordinator
	Dindayal Upadhyay Jayanti
	Health check up
	Coaching for competitive examination

October	Internal examination of B.sc III,BA III, M.sc I and II
	University semester examination
	Meeting of staff with principal
	Vachan prerana divas
	Swatch Bharat abhiyan
November	Meeting of staff with principal
	University CAP
	Sanvidhan divas
	NCC day
December	Parent- teacher meet
	Gender sensitization programs
	Br.Khardekar lecture series
	Meeting of IQAC cell
	Unit test
	Alumini meet
January	Study tours of various Departments
	NCC drills and activities
	NSS 7 days winter camp.
	Celebration of gymkhana day(Sports activities)
	Departmental activities (Quiz)
	Annual social programs and prize distribution
	Republic Day
	Campus placement activities
February	Unit test
	Internal examinations of BA,B.Sc 3 and M.Sc. 1 and 2
	Planning of university examiniations
	World science Day
	Report of syllabus progress
March	Meeting of IQAC with criteria co-ordinators
	University practical and theory examinations
	Analysis of student's feedback
April	University practical and theory examination
	Term end meeting of staff with Principal

Apart from these important days, anniversaries will be celebrated as per Government resolutions and university norms.

ANNEXURE II

Government of Maharashtra

RAJARAM COLLEGE, KOLHAPUR

Students Feedback Academic Performance of Departments (2017-2018)

Sr. No.	Name of the Department	Score(out of 100)
1	Botany	72%
2	Chemistry	76%
3	Commerce	80%
4	Electronics	84%
5	Economics	79%
6	English	78%
7	Geology	78%
8	Geography	77%
9	Home Science%	78%
10	Hindi	80%
11	Mathematics	81%
12	Marathi	80%
13	Microbiology	84%
14	Physics	72%
15	Psychology	76%
16	Physical Education	72%

FOR PERSONALITY.
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17	Political Science	74%
18	Sociology	76%
19	Statistics	72%
20	Zoology	74%

RAJARAM COLLEGE, KOLHAPUR

FEEDBACK of ALUMNI (2017-2018)

Feedback Regarding College

Sr. No.	Criteria	Rating in %			
		Excellent	**Good**	**Average**	**Poor**
1	College Infrastructure	94	6		
2	Administrative Office support system	78	22		
3	Co-curricular And Extra - Curricular activities	90	10		
4	Cleanliness	78	22		
5	Discipline	84	16		
6	Library facilities	65	35		
7	I.C.T. facilities	50	50		
8	Sport facilities	80	20		
9	Canteen facilities	60	30	10	
10	Opportunities for overall Development	84	16		

<u>Analysis of student feedback</u>

The students' feedback on curriculum, infrastructure and teacher were collected from B.A.III and B.Sc. III students. The collected feedbacks analyzed and Results of analysis is considered for suggestions

Infrastructure and facilities

1. Students of Geology department want more space.

2 .Students want Xerox facility in college.

3. of Home Science want more spacious department.

4. Student   want   classes for competitive exam.

5.Students want more program for career guidance.

Curriculum

1Students of science depart. Want more job oriented curriculum.

2 Students want more skill base curriculum.

- Others

1 Boys want separate room

2 More Wi-fi facilities

Feedback on Faculty

1 More use of ICT facility.

2 More participatory lecture method.

Action Taken:

1) Geology Department is shifted in new Building.

2) Canteen facilities are updated.