

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

For the year

2015-16

Submitted to

NAAC, Bangalore

SKE Society's

Govindram Seksaria Science College, Belagavi

TRACK ID: KACOGN10151

The Annual Quality Assurance Report (AQAR) of the IQAC
(For Affiliated/Constituent Colleges)

Institutions Accredited by NAAC need to submit an Annual self-reviewed progress report i.e. Annual Quality Assurance Report (AQAR) to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the IQAC at the beginning of the Academic year. *The AQAR period would be the Academic Year. (For July 1, 2015 to June 30, 2016)*

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution SKE Society's Govindram Seksaria Science College

- Name of the Head of the institution : A. K. Mense
- Designation: Principal
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no.: 0831 2485193
- Mobile no.: 9448347452
- Registered e-mail: principal.gss@gmail.com
- Alternate e-mail : principal@gssbgm.edu.in
- Address : SKE Society's Govindram Seksaria Science College
- City/Town : Tilakwadi, Belagavi
- State/UT : Karnataka
- Pin Code : 590006

2. Institutional status:

- Affiliated / Constituent: Affiliated
- Type of Institution: Co-education/Men/Women: Co-education
- Location : Rural/Semi-urban/Urban: Urban
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing
(please specify)
Grants-in aid/ UGC 2f and 12 (B) and Self Financing (MSc Botany & MSc Org Chemistry)
- Name of the Affiliating University: Rani Channamma University, Belagavi
- Name of the IQAC Co-ordinator : Dr.P.T.Hanamgond

- Phone no. : 0831-2485193
Alternate phone no.: Nil
- Mobile: 9480275757
- IQAC e-mail address: iqac.gss@gmail.com
- Alternate Email address: hanamgondpt@gmail.com

3. Website address: www.gssbgm.edu.in

Web-link of the AQAR: (Previous Academic Year): <http://gssbgm.edu.in/degree/IQAC-reports-NAAC-SSR-3rd-Cycle.html>

4. Whether Academic Calendar prepared during the year?

Yes/No Yes, if yes, whether it is uploaded in the Institutional website: Yes

Weblink: <http://gssbgm.edu.in/degree/notice-events-calender-events-15-16.html>

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	4 Star	--	2002	from:2002 to: 2007
2 nd	A	3.10	2009	from:2009 to: 2014
3 rd	A	3.16	2016	from:2016 to: 2021

6. Date of Establishment of IQAC: DD/MM/YYYY: 12/07/2003

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Initiated Calendar of Events	July 2015 – June 2016 (Academic year)	All stake holders
Internal Quality Assurance Cell (IQAC) conducts meeting regularly	7Meetings Conducted	Staff and students
Feedback from students were collected, analysed and used for improvements	5 March 2016	Staff and Management
Academic Administrative Audit (AAA) conducted and its follow up action is taken up. External (NAAC Assessors)	15-16 Feb 2016; 2 days	Management, Staff and Management
IQAC has taken initiatives in organization and conduction of various National and institutional level conferences / seminars/workshops.		
1. Two Day National Seminar “Estuaries	24-25 July 2015.	114

of India: Past, Present & Future”,		
2. Bridge Course Khanija-2016 , for the UG students of KLE’s BMK Ayurveda Mahavidyalaya.	8 Jan 2016; & 22 Jan 2016	75
3. Awareness of Groundwater sponsored by Groundwater Board, Bangalore and District Groundwater Department, Belgaum,	5 March 2016	42
4. FDP on “Creative Teaching in Science”	22 June 2016	12
5. Workshop on Gandhian studies	10 Jan 2016	43
6. Using Library Resources Effectively for B.Sc. II Sem students	23-28 Jan 2016	40
<i>Staff and students were the beneficiaries for all the above programs</i>		
Organising Exhibitions		
i. Coin Exhibition by Shri.Kamule	6 August 2018	Over 1000 visitors
ii. Atomic Minerals and Energy Exhibition Dept of Atomic Energy Bangalore scientists	15-19 Dec 2015.	Over 2000 visitors
iii. Geology Museum Mineral Exhibition	15 Aug 2015 onwards	Over 2000 visitors
iv. Exhibition of Great personalities	14-20 Nov 2015	Over 600 visitors
IQAC has initiated conducting of certificate courses		
i. Certificate Course on Gandhian Studies	16 Oct 2015 – 14 Nov 2015	23
ii. Certificate course in Self Grooming by Hobby Centre		
IQAC has organized 8 guest lectures through science association, ladies association, hobby centre etc.	List Enclosed Separately as ANNEXURE NO. 1	Degree Students
IQAC reports (AQAR) are submitted to NAAC regularly.	Details are provided in website	All stake holders
Orientation Program for students	4 Sept 2015	About 230 students
MoU activities – The college has signed 3 MoU’s and the activities continued with– 1) BMK Ayurveda Mahavidyalaya, Belgaum; 2) Gogte-Joglekar College, Ratnagiri; 3) Mahadei Research Centre, Belgaum.		Both GSS College and Ayurved Mahavidyalaya staff and students
Arranged Alumni Meet	20 Sept 2015	Teaching and non teaching staff

Cultural Programs		All Staff & Management members
i. Cultural Program by Alumni	20 Sept 2015	
ii. Barsaat cultural programme	29 July 2016	>500
iii. Annual Social Gathering	14 Jan 2016	> 1000 Students and Staff

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Dr SM Deshpande Chemistry Dept	MRP	UGC	Oct 2012 2 yrs	19865/-
Dr A R Kulkarni, English Dept	MRP	UGC	17 June 2016 2 yrs	83500/-
Dr.S.K.Hukkeri, Physics Dept	MRP	UGC	4/2/2015 2 yrs	470000/-
Dr.S.Kalgi, Physics Dept	MRP	UGC	28/3/2014 2 yrs	200000/-

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

*upload latest notification of formation of IQAC

10. No. of IQAC meetings held during the year: 7

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

Yes/No **Yes**

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes No

If yes, mention the amount: Year:

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- Preparations for NAAC Reaccreditation for 3rd Cycle
- Conducted orientation and mentor programmes for students
- Organised National seminars, workshops, Exhibitions and guest lectures
- Developed Dr.APJ Abdul Kalam Geology Museum
- MoU collaborative activity Khanija Bridge course

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1. Monthly teaching plan	1. Implemented
2. Faculty Development Programme	2. Creative teaching in Science FDP was organised on 22 June 2016
3. Preservation of old and out of print books by scanning and storing.	3. Out of print and rare books are being digitalized.
4. Improve students' confidence and communication skills.	4. Student seminars, brain storming, group discussions were conducted.
5. Project Work for interested students.	5. A few students from Geology & Botany undertook projects. 4 student Projects were undertaken.
6. Use of audio-visual Educational aids like CD's and models.	6. ICT based classroom teaching by most of the faculty.
7. Arrange talks by eminent speakers and educationists.	7. Arranged 8 guest lectures on various topics and occasions.
8. Environmental Friendly campus	8. Campus Clean drive, Tree Plantation, ETP, Rain water harvesting, Vermicompost, Solar energy etc.
9. Organise National and State level seminars/workshops.	9. 02 National Seminar; 01 State level Workshops; and 03 institute level workshops were conducted. "Khanija" one day Local level workshop being conducted every year, for Ayurveda Medical students on Identification of Minerals and Ores. Use of Library Resources workshop by Library is also a regular programme.
10. Arrange Field and Industrial visits.	10. Being arranged regularly for Physics, Botany, Zoology and Geology students
11. Student Competitions	11. Intercollegiate debate competition.
12. Exhibitions.	12. Dr APJ Abdul Kalam Geology Museum is kept open for all visitors including school and college students. Rare collection of Coin Exhibition by Shri.Kamule, was organised on 10-11 March 2016.
13. Encourage faculty to present papers/publish research papers.	13. 03 international 02 National; and 01 in Non UGC journal and 14 papers were presented in national seminars by faculty
14. Motivate faculty to pursue M.Phil and Ph.D programmes	14. 05 faculty are pursuing PhD research: Mr. SS Mense (PhD) under VT University; Mr.Prashant Mankale under Bangalore University. Mr.Y.B.Dalvi under Bharatidasan University; Mr.RT Katamble under VT University. Mrs.Lata Laxmeshwar under KU Dharwad.
15. Encourage Faculty to take up curricular workshops.	15. Department of Botany and Chemistry have conducted curricular workshops (BoS).
16. Expand Hobby Centre activities	16. Held wide range of activities including exhibition cum sale by students
17. Dress code for students & staff	17. Exists. Non teaching staffs are provided free uniforms once every two years.
18. Cultural and sports programs	18. Continued conducting of Barsaat, Annual Social Gathering; Annual Prize distribution, Sports academy etc.
19. Certificate /Online Courses	19. Certificate in Gandhian Studies, Personal Grooming.
20. Biometric attendance	20. Exists
21. Campus security	21. 24 hours security in the campus

14. Whether the AQAR was placed before statutory body? Yes /No: Yes

Name of the statutory body: SKE Society Date of meeting(s):

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes/No: Yes

Date:

NAAC PEER team visited for 3rd Cycle reaccreditation on 25-27 Feb 2016.

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year:

Date of Submission:

17. Does the Institution have Management Information System?

Yes **No** ✓

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

Part-B

CRITERION I – CURRICULAR ASPECTS					
1.1 Curriculum Planning and Implementation					
1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words					
<ul style="list-style-type: none"> The institution is affiliated to Rani Channamma university and hence follows the curriculum as per university guidelines. The curriculum is well planned and documented following systematic planning such as – calendar of events for the year, monthly teaching plan, maintaining the teachers’ diary and students’ attendance. The college conducts orientation and bridge courses for freshers. The college organises regularly guest lectures and inter departmental faculty exchange. Teachers use the available ICT facility for better understanding of the subject. Home assignments are regular features. Remedial classes are conducted for slow learners and enrichment classes are organized for the fast learners in the departments for the students to enhance the skills and understanding the subject. Departments conduct the student seminar for building the confidence of the students and encourage them to think independently. These seminar reports are documented. Study tours are organized for better understanding of the subject in the field. The departments ensure that students are involved in the projects assigned by the University as per the university curriculum. Also departments encourage students taking up projects other than curriculum. Certificate courses are conducted in the college based on the curriculum so that the students’ skills are enhanced and become employable. 					
1.1.2 Certificate/ Diploma Courses introduced during the Academic year					
Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development	
Gandhian Studies	--	16 Oct 2015 – 14 Nov 2015 for 30 hours	--	Value education	
Personal Grooming	--	16 Jan 2016 30 hours	Yes	Skill Development	
1.2 Academic Flexibility					
1.2.1 New programmes/courses introduced during the Academic year					
Programme with Code	Date of Introduction		Course with Code	Date of Introduction	
	--		MSc Botany	22 June 2015	
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
MSc Org Chemistry		√	2009 – 2010 onwards		
MSc Botany		√	2015 – 2016 onwards		
Already adopted (mention the year)					
1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year					
Certificate			Diploma Courses		

No of Students	Gandhian Studies - 23 students Personal Grooming – 26 students Total 49 students	--		
1.3 Curriculum Enrichment				
1.3.1 Value-added courses imparting transferable and life skills offered during the year				
Value added courses	Date of introduction	Number of students enrolled		
Certificate Course in Gandhian Studies	16 Oct 2015	23		
Certificate Course in Personal Grooming	16 Jan 2016	26		
1.3.2 Field Projects / Internships under taken during the year				
Project/Programme Title		No. of students enrolled for Field Projects / Internships		
COMPUTER SCIENCE				
03 Projects		09		
GEOLOGY				
01 Project		11		
1.4 Feedback System				
1.4.1 Whether structured feedback received from all the stakeholders.				
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	No	No	No	No
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)				
<ul style="list-style-type: none"> ➤ The student feedback forms are distributed and collected at the end of academic year. The filled up forms are analysed. Students are also asked to indicate the qualities of teacher in the class by answering the questionnaire in the feedback form. ➤ Feedbacks are then analysed by using the grades scored by the teachers. ➤ Each and every feedback form is well scrutinised and the judgement is done. If the feedback from the student regarding the teaching is not satisfactory then the faculty concerned is advised to improve. ➤ The shortfall in the teachers is recorded. ➤ The consolidated data recorded are sent to the Principal. Depending upon the feedback analysis, the Principal advises the individual faculty for improvements. ➤ Administrative suggestions are also recorded, and further they are sent to administrative authorities for necessary action. ➤ The valid suggestions from students, alumni, parents, and teachers are considered, and implemented for the overall development of the institution. 				
CRITERION II -TEACHING-LEARNING AND EVALUATION				
2.1 Student Enrolment and Profile				
2.1.1 Demand Ratio during the year				
Name of the Programme	Number of seats available	Number of applications received	Students Enrolled	
BSc I	360	454	323	
MSc Org Chem I year	30	29	28	
MSc Botany I year	20	21	20+1*	
• 01 seat admitted as a special case as per University Instructions				
2.2 Catering to Student Diversity				

2.2.1. Student - Full time teacher ratio (current year data)					
Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
	877	108	53	04	08

2.3 Teaching - Learning Process

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
57	22	LCD Projectors, Smart Boards, Internet & CD's	10	04	Educational CD's, DVD's, PPT's, E-Books

2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)

At the entry point of students at B.Sc. I year, orientation programme is organized by the staff of the college of different departments, to make the students familiar with the infra-structure of college, facilities available, scholarships etc. During this programme set of students (25-30) are allotted to the staff member for mentoring system. The ratio of mentor: mentee is roughly 1: 28. Regular meetings are conducted to get to know the problems and seek solutions. Parents meet is also organized to deal with any problem a mentee faces at the domestic level to excel in the carrier. Industry visits, special lectures on value education and personality development and study tours are also organized.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
985	59*	1: 17

*2 faculty are appointed by RC University, who are conducting lectures for PG Botany.

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
62	56	--	13	13

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2015	A. K. Mense	Principal	<ul style="list-style-type: none"> Nation Builder award: on 20th Sept 2015 by Rotary E-club, Belgaum of Dist 3170 of Rotary International.

2015	Dr P T Hanamgond	Associate Professor	<ul style="list-style-type: none"> Received “Jnyanshri”, best teacher award by All Karnataka Jain Teachers Association, at Hubli on 13 December 2015.
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2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year - 172 days

Programme Name	Program me Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
BSc		I, III & V	18.10.2015	18 Jan 2016
		II, IV, & VI	7.04.2016	25 June 2016
M. Sc. Botany		(I & III)	15.12.2015	I - 10.03.16 III – NA
		(II & IV)	29.05.2016	II - 1.9.2016 IV - NA
M. Sc. Chemistry		I & III	15.12.2015	10.03.16
		II & IV	29.05.2016	24.08.16

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

- At the orientation program, students are informed about the Continuous Comprehensive Evaluation (CCE).
- Syllabus, exam pattern and tentative dates for theory and practical's are informed to the students through circulars and messages.
- The college follows the UG & PG syllabus of Rani Channamma University.
- Marks obtained by the students in CIE are informed to the students by displaying them on the Notice Board.
- Mentors discuss CIE performance of each student.
- Students are encouraged to take up student research projects.
- Students are given assignments on different topics.
- Student seminars/presentations are part of classroom activity.
- Principal directs to ensure effective implementation of evaluation process.
- Monthly teaching plan for all subjects is displayed in advance.
- Distribution of workload and subjects for teachers is done well in advance before the start of academic term.
- Exam schedule for theory and practical is displayed/communicated well in advance.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic Calendar is enclosed as **Annexure 1**

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink) <http://gssbgm.edu.in/degree/notice-subjeect-wise-po-co-ug-pg.html>

2.6.2 Pass percentage of students

Program me Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year	Pass Percentage
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			examination	
	BSc	269	169	62.82%
	MSc Org Chem	30	28	93.33%

2.7 Student Satisfaction Survey – Nil – As it was not introduced during 2015-16.

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink): Student Satisfaction Survey (SSS) was not mandatory for the year.

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects				
Minor Projects	2 yrs	UGC	1760000	962500
Interdisciplinary Projects				
Industry sponsored Projects				
Projects sponsored by the University/ College				
Students Research Projects (other than compulsory by the College)				
<i>Geology 01</i>	3 months	Self	NA	NA
<i>Comp. Science 01</i>	3 months	Self	NA	NA
International Projects	Nil	NA	NA	NA
Any other(Specify)				
Total			1760000	962500

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year - Nil -

Title of Workshop/Seminar	Name of the Dept.	Date(s)

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Nil				

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year						
Incubation Centre	Name			Sponsored by		
Nil						
Name of the Start-up	Nature of Start-up			Date of commencement		
Nil						
3.3 Research Publications and Awards						
3.3.1 Incentive to the teachers who receive recognition/awards						
State		National			International	
Duty leave is provided Felicitation on the occasion of Independence Day & Republic Day		Duty leave is provided Felicitation on the occasion of Independence Day & Republic Day			Duty leave is provided Felicitation on the occasion of Independence Day & Republic Day	
3.3.2 Ph. Ds awarded during the year (<i>applicable for PG College, Research Center</i>) – Nil -						
Name of the Department			No. of Ph. Ds Awarded			
3.3.3 Research Publications in the Journals notified on UGC website during the year						
	Department		No. of Publication		Average Impact Factor, if any	
National	-		-		-	
International	Physics		01		2.299	
	Chemistry		01		1.439	
	Geology		01		1.765	
3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year – Nil -						
Department			No. of publication			
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Organic modification of TEOS based silica aerogels using hexadecyltrimethoxysilane as a hydrophobic reagent	N.D.Hegde, A.V.Rao	Applied surface science	2006	98	SUK	8
Effect of processing temperature on gelation and physical properties of low density TEOS based silica aerogels	N.D.Hegde, A.V.Rao	Journal of sol-gel science and technology	2006	19	SUK	-

Absorption and desorption of organic liquids in elasticsuperhydrophobic silica aerogels	N.D.Hegde, A.V.Rao,H. Hirashima	Journal of colloid and interface science	2007	243	SUK	27
Physical properties of methyltrimethoxysilane based elastic silica aerogels prepared by two stage sol-gel process	N.D.Hegde, A.V.Rao	Journal of materials science	2007	84	SUK	10
Two step sol-gel processing of TEOS based hydrophobic silica aerogels using trimethylethoxysilane as a co precursor	N.D.Hegde, A.V.Rao,H. Hirashima	Journal of porous materials	2007	60	SUK	1
Imperviousnes of the hydrophobic silica aerogels against various solvents and acids	N.D.Hegde, A.V.Rao,P. M.Shewale	Applied surface science	2007	28	SUK	1
Thermally stable and transparent hydrphobic sol-gel coatings by spray method	N.D.Hegde, . V.Rao	Journal of sol-gel science and technology	2012	69	GSS	6
Durability and restoring of superhydrophobic properties in silica based coatings	N.D.Hegde et.al.	Journal of colloid and interface science	2013	41	GSS	7
Polymer assisted deposition of electrochromictungsten oxide thin films	SS Kalagi, DS Dalavi, RC Pawar, NL Tarwal, SS Mali, PS Patil	Journal of Alloys and compounds	2010	34	GSS	3
Limitations of dual and complementary inorganic–organic electrochromic device for smart window application and its colorimetric analysis	SS Kalagi, SS Mali, DS Dalavi, AI Inamdar, HyunsikIm, PS Patil	Synthetic metals	2011	47	GSS	8
Nanoporous nickel oxide thin films and its improved electrochromic performance: effect of	DS Dalavi, MJ Suryavanshi, DS Patil,	Applied Surface Science	2011	77	SUK	7

thickness	SS Mali, AV Moholkar, SS Kalagi, SA Vanalkar, SR Kang, JH Kim, PS Patil					
Chemical synthesis of highly stable PVA/PANI films for supercapacitor application	DS Patil, JS Shaikh, DS Dalavi, SS Kalagi, PS Patil	Materials Chemistry and Physics	2011	105	SUK	13
Photoluminescence of zinc oxide nanopowder synthesized by a combustion method	NL Tarwal, PR Jadhav, SA Vanalakar, SS Kalagi, RC Pawar, JS Shaikh, SS Mali, DS Dalavi, PS Shinde, PS Patil	Powder Technology	2011	60	SUK	8
Transmission attenuation and chromic contrast characterization of RF sputtered WO ₃ thin films for electrochromic device applications	SS Kalagi, SS Mali, DS Dalavi, AI Inamdar, H Im, PS Patil	Electrochimica Acta	2012	52	GSS	9
PbS quantum dot sensitized anatase TiO ₂ nanocorals for quantum dot-sensitized solar cell applications	Sawanta S Mali, Shital K Desai, Smita S Kalagi, Chirayath A Betty, Popatrao N Bhosale, Rupesh S Devan, Yuan-Ron R Ma, Pramod S	Dalton Transactions	2012	72	SUK	8

	Patil					
Study of novel WO ₃ -PEDOT: PSS bilayered thin film for electrochromic applications	SS Kalagi, DS Dalavi, SS Mali, AI Inamdar, RS Patil, PS Patil	Nanoscience and Nanotechnology Letters	2012	9	GSS	
Secondary electrochemical doping level effects on polaron and bipolaron bands evolution and interband transition energy from absorbance spectra of PEDOT: PSS thin films	Smita S Kalagi, Pramod S Patil	Synthetic Metals	2016	16	GSS	
Late Quaternary environmental and sea level changes from Kolleru Lake, SE India: Inferences from mineral magnetic, geochemical and textural analyses	N. Basavaiah, J.L.V. Mahe shBabu, Gawali P.B,K.Ch. V.Nagak Kumar, G.Demudu, Siddarth P. Prizomwala, Hanamgon d P. T. and K.Nageswara Rao	Quaternary International, V.371	2015		GSS	14
Evolution of Malvan Coast, Konkan, West Coast of India – a Case Study Using Remote Sensing Data.	Hanamgon d P.T&Mitra D.	Journal of Coastal Research	2008		GSS	16
3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)						
Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Absorption and desorption of organic liquids in elasticsuperhydrophobic silica aerogels	N.D.Hegde,A.V. Rao,H.Hirashima	Journal of colloid and interface science	2007	8	27	SUK

Chemical synthesis of highly stable PVA/PANI films for supercapacitor application	DS Patil, JS Shaikh, DS Dalavi, SS Kalagi, PS Patil	Materials Chemistry and Physics	2011		13	SUK
Physical properties of methyltrimethoxysilane based elastic silica aerogels prepared by two stage sol-gel process	N.D.Hegde,A.V. Rao	Journal of materials science	2007		10	SUK
Transmission attenuation and chromic contrast characterization of RF sputtered WO ₃ thin films for electrochromic device applications	SS Kalagi, SS Mali, DS Dalavi, AI Inamdar, H Im, PS Patil	Electrochimica Acta	2012		9	GSS
Organic modification of TEOS based silica aerogels using hexadecyltrimethoxysilane as a hydrophobic reagent	N.D.Hegde,A.V. Rao	Applied surface science	2006		8	SUK
Limitations of dual and complementary inorganic–organic electrochromic device for smart window application and its colorimetric analysis	SS Kalagi, SS Mali, DS Dalavi, AI Inamdar, HyunsikIm, PS Patil	Synthetic metals	2011		8	GSS
Nanoporous nickel oxide thin films and its improved electrochromic performance: effect of thickness	DS Dalavi, MJ Suryavanshi, DS Patil, SS Mali, AV Moholkar, SS Kalagi, SA Vanalkar, SR Kang, JH Kim, PS Patil	Applied Surface Science	2011		8	SUK
Photoluminescence of zinc oxide nanopowder synthesized by a combustion method	NL Tarwal, PR Jadhav, SA Vanalakar, SS Kalagi, RC Pawar, JS Shaikh, SS Mali, DS Dalavi, PS Shinde, PS Patil	Powder Technology	2011		8	SUK

PbS quantum dot sensitized anataseTiO ₂ nanocorals for quantum dot-sensitized solar cell applications	Sawanta S Mali, Shital K Desai, Smita S Kalagi, Chirayath A Betty, Popatrao N Bhosale, Rupesh S Devan, Yuan-Ron R Ma, Pramod S Patil	Dalton Transactions	2012		8	SUK
Durability and restoring of superhydrophobic properties in silica based coatings	N.D.Hegde et.al.	Journal of colloid and interface science	2013		7	GSS
Thermally stable and transparent hydrophobic sol-gel coatings by spray method	N.D.Hegde, A.V.Rao	Journal of sol-gel science and technology	2012		6	GSS
Polymer assisted deposition of electrochromic tungsten oxide thin films	SS Kalagi, DS Dalavi, RC Pawar, NL Tarwal, SS Mali, PS Patil	Journal of Alloys and compounds	2010		3	GSS
Two step sol-gel processing of TEOS based hydrophobic silica aerogels using trimethylethoxysilane as a co precursor	N.D.Hegde,A.V. Rao,H.Hirashima	Journal of porous materials	2007		1	SUK
Imperviousness of the hydrophobic silica aerogels against various solvents and acids	N.D.Hegde,A.V. Rao,P.M.Shewale	Applied surface science	2007		1	SUK
Late Quaternary environmental and sea level changes from Kolleru Lake, SE India: Inferences from mineral magnetic, geochemical and textural analyses	N. Basavaiah, J.L.V.Mahesh Babu, Gawali P.B,K.Ch.V.Nagak Kumar, G.Demudu, Siddarth P. Prizomwala, Hanamgond P. T. and K.Nageswara Rao	Quaternary International, V.371	2015	5	14	GSS
Evolution of Malvan Coast, Konkan, West Coast of	Hanamgond P.T	Journal of Coastal	2008		16	GSS

India – a Case Study Using Remote Sensing Data.	& Mitra D.	Research				
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3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	01	27	02	03
Presented papers	01	14	-	-
Resource Persons	-	01	-	04

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
Vanamhotsav	NSS	01	98
Shramadan	NSS	02	96
Clean campus drive	NSS	02	90
Free medical check up camp	NSS	02	81
Socio economic survey at Machhe village	NSS	01	95
Rally on the occasion of world population day	NCC	01	50
Street play programme	NCC	02	60
Clean campus drive	NCC	01	61
Programme on door to door collection of waste	NCC	01	30
Rally on environment	NCC	01	60
Pulse polio programme planning centre	NCC	01	10

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
NSS	Best NSS Unit, NSS Officer and Best Volunteer	Rani Channamma University, Belagavi	100

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Swatch	NSS	Campus Clean	02	89

Bharat Abhiyan				
Swatch Bharat Awareness Rally	NSS	Awareness Rally Around Tilakwadi	01	80
Campus Clean Drive	NCC	Clean RPD campus drive	01	95
Rally	NCC	Awareness rally around campus	01	70

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Khanija Bridge courses on 22 nd Jan 2016 under MoU activity	75	Nil	1 day

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
Research	Data analysis and Publications	Indian Institute of Geomagnetism, Mumbai	2015-16	01

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
<ul style="list-style-type: none"> BMK Ayurveda Mahavidyalaya, Belagavi 	27 Jan 2014	Collaborative Research, Faculty & Student exchange, workshops, Seminars, bridge courses,	75 students & 7 teachers
<ul style="list-style-type: none"> Mahdei Research Centre, Goa 	24 Jan 2015	-do-	20 students & 18 teachers
<ul style="list-style-type: none"> Gogte-Joglekar College, Ratnagiri 	8 Jan 2015	-do-	10 teachers (10 GSS & about 10 GJC); 4 students (Maths)

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
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BSc 4000000		BSc 4043243	
PG 20000		PG 18000	
Total= 4020000		Total= 4061243	
Facilities	Existing	Newly added	
Campus area	28 Acres	-	
Class rooms	17	-	
Laboratories	22	-	
Seminar Halls	03	-	
Classrooms with LCD facilities	10	-	
Classrooms with Wi-Fi/ LAN	01	-	
Seminar halls with ICT facilities	03	-	
Video Centre	Nil	-	
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	Nil	-	
Value of the equipment purchased during the year (Rs. in Lakhs)	Nil	-	
Others	1.Research labs = 5	16. Lib building reading room = 5	
	2.Dept staff room= 08	17. IQAC record room = 01	
	3.Office room = 4	18. Gymkhana hall = 01	
	4.NSS = 01	19. Canteen = 01	
	5.NCC = 03	20. Xerox centre = 01	
	6. SWO = 01	21. Ladies common room = 01	
	7. Dept. store rooms = 8	22. Botanical garden = 01	
	8. Hobby centre = 01	23. Counsellor room = 01	
	9. Dept. Libraries = 3	24. SC/ST room = 01	
	10. Hostels = 2	25. Open air theatre = 01	
	11. Dining rooms = 2	26. Union Bank of India = 01	
	12. Toilet blocks = 6	27. Gymnasium = 01	
	13. Scooter/ bicycle stand = 2	28. Effluent Treatment Plant = 01	
	14. Electric Power Generator = 06	29. Solar street lamps =	
	15. Gymkhana indoor games hall = 01	30. Water Harvesting Pits = 02	
		31. Mathematics Lab = 01	
		32. Language Lab = 01	
		33. Guest House = 01	
		34. Staff Quarters = 13	
		35. Play Ground = 8 acres	
		36. Vermicompost pits = 03	
		37. Geology Museum = 01	
		38. Biology Museum = 01	
4.2 Library as a Learning Resource			
4.2.1 Library is automated {Integrated Library Management System -ILMS}			
Name of the ILMS	Nature of automation	Version	Year of automation

software	(fully or partially)								
LIB SOFT	Partially	9.8.0.0	2002-2003						
4.2.1 Library Services:									
	Existing		Newly added		Total				
	No.	Value	No.	Value	No.	Value			
Text Books	17634	1173822	81	37745	17715	1211567			
Reference Books	26121	1732185	150	67796	26271	1799981			
e-Books	-	-	-	-	-	-			
Journals	16	29550	-	-	16	29550			
e-Journals	-	-	-	-	-	-			
Digital Database	284	free	-	-	284	free			
CD & Video	5	1199				1199			
Library automation	-	-	-	-	-	-			
Weeding (Hard & Soft)	-	-	-	-	-	-			
Others (specify)	NLIST	5000				5000			
4.3 IT Infrastructure									
4.3.1 Technology Upgradation (overall)									
	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MBPS)	Others
Existing	97	2	17	1	1	11	24	2	Nil
Added	-	-	-	-	-	-	-	-	-
Total	97	2	17	1	1	11	24	2	Nil
4.3.2 Bandwidth available of internet connection in the Institution (Leased line) Nil									
..... MBPS /GBPS									
4.3.3 Facility for e-content									
Name of the e-content development facility					Provide the link of the videos and media centre and recording facility				
Nil					Nil				
4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government									

initiatives & institutional (Learning Management System (LMS) etc			
Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
Nil	Nil	Nil	Nil
4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
900000/-	919993/-	800000/-	797461/-
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (<i>maximum 500 words</i>) (information to be available in institutional Website, provide link)			
<ul style="list-style-type: none"> • The physical facilities including laboratories, classrooms and computers etc are made available for the students those who are admitted in the college. Laboratory expenses are charged at the time of admission as suggested by the statutory body. • The classrooms, boards and furniture facilities are utilized regularly by the students but sometimes they are also made available for the other governmental organizations for conducting recruitment exams if not in use for the said period. • The maintenance and the cleaning of the classrooms, laboratories, and campus are done by the non teaching staff and in case of repairs etc college goes for the maintenance contract with local skilled persons. • There is a college administrative officer who regularly monitors and supervises the infrastructure to ensure its upkeep repair and other maintenance. The institution gives contract to the local contractor to provide the mentioned services. The college garden is maintained by the trained gardener appointed by the institution. • The library maintenance is looked after by the library staffs which include the cleaning, monitoring library stock, maintaining rare books, collection and issue of library books, issuing library cards. The library committee consists of one teaching staff represented from all the departments and monitors all the purchase. • Similarly playground and sports complex with indoor games hall facilities are used by students and staff. The ground is also utilized by governmental and non governmental authorities ,university authorities to conduct district level or zonal sports events .The cost of maintenance like electricity, water are borne by the institution. • The maintenance of computers and internet facility is done by the service providers. The computers of library, office, departments and computer labs are connected through LAN and except office other places are open for utilization for staff& students. • We have round the clock security in the campus. • For updating of the infrastructure facilities in the institution there is a systematic procedure for the purchase of all sorts of latest equipments. As per the policy of the institution first a proposal is submitted by the department heads about the required items and its evaluation is done by the college office .It must get the approval by the principal and then the quotations are invited. After the approval of the management the budget is sanctioned and the items are purchased .A stock register is maintained for the equipments and its verification is done by the college office at the 			

end of the financial year .The same process is done for undertaking repairs and other maintenance issues.

- The codes of conduct for the labs, class rooms, campus, library, sports complex are framed as a policy matter and procedurally they are intimated to students after the enrolment. Violation of any code by the student is strictly monitored and suitable penal actions are taken against such violations to ensure the discipline.
- 8) Besides the cleaning and up keeping done regularly by the D group staff appointed by the management to maintain the green and clean campus the teachers and students participate in clean campus drive once in a month and help to keep the campus a plastic free zone.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

Year	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Dr.Y.K.Prabhu Endowment Scholarship Fund	3	1200.00
	SKE Society Endowment Scholarship	18	17250.00
Financial support from other sources			
a) National			
	Govt Of India Post Metric Scholarship	143	300300.00
	Sir C.V.Raman Scholarship	22	110000.00
	Fee Concession	160	239354.00
	Minority Scholarship	6	24000.00
	SC Scholarship	02	167440.00
	SC Fee Concession	43	203302.00
	ST Scholarship	10	36000.00
	ST Fee Concession	10	44090.00
	KSTW FUND	14	14000.00
	OBC PG	18	62230.00
	KST Academy Scholarship	06	60000.00
b) International		---	---
	TOTAL	455	1279126.00

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill Development	Hobby Center	26	College Staff
Remedial Coaching Physics	B.Sc.I-4	30	
	B.Sc.II-3	32	
	B.Sc.III-2	37	
Geology	B.Sc.III-3	25	

Botany	B.Sc.I- 2	47	
	B.Sc.III-2	38	
Zoology	B.Sc.I- 1	60	
	B.Sc.II-1	56	
	B.Sc.III-1	41	
Mathematics	B.Sc.I- 2	40	
	B.Sc.II-2	42	
	B.Sc.III-2	42	
Enrichment Classes			
	B.Sc.I-3	42	
Physics	B.Sc.II-4	40	
	B.Sc.III-3	48	
Botany	B.Sc.I - 2	47	
	B.Sc.III - 2	38	
Geology	B.Sc.II- 2	24	
	B.Sc.III- 2	32	
Zoology	B.Sc.I-1	58	
	B.Sc.III-2	53	
Mathematics	B.Sc.I- 2	38	
	B.Sc.II-2	38	
	B.Sc.III-2	38	
Mentor programme	UG	All students	
	PG	All students	

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year: **-Nil -**

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
01	01	05

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed
Nil	Nil	Nil	TCS, Bangalore	20 (B.Sc)	06

5.2.2 Student progression to higher education in percentage during the year					
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
	01	B.Sc.	GSS College	JSS College Gokak	
	02	B.Sc.	GSS College	MNREC College Belgaum	
	01	B.Sc.	GSS College	NIT Surathkal	
	01	B.Sc.	GSS College	Acharya d College Chikkodi	
	08	B.Sc.	GSS College	RLS College Belgaum	
	03	B.Sc.	GSS College	Shaikh College Belgaum	
	01	B.Sc.	GSS College	Siddivinayak B.Ed. College Harugeri	B.Ed.
	02	B.Sc.	GSS College	KUD	
	16	B.Sc.	GSS College	GSS PG College	
	04	B.Sc.	GSS College	SBP Women's College of Education Belgaum	
	19	B.Sc.	GSS College	RCU Belagavi	M.Sc.
	03	B.Sc.	GSS College	KLE B.Ed. College, Belgaum	
	02	B.Sc.	GSS College	GIB College of Education, Belgaum	
	01	B.Sc.	GSS College	Maratha Pharmacy College, Belgaum	
	03	B.Sc.	GSS College	KLE Engg College Belgaum	
	03	B.Sc.	GSS College	Sagar College of Education	
	04	B.Sc.	GSS College	University Of Mysore	
	01	B.Sc.	GSS College	Mounr Carmel College	

				Bangalore	
	01	B.Sc.	GSS College	Christ University Bangalore	
	02	B.Sc.	GSS College	Beynon Smith College of Physical Edn	
	01	B.Sc.	GSS College	Chousan College Chikkodi	
	02	B.Sc.	GSS College	SB College of Management Studies, Bangalore	
	08	B.Sc.	GSS College	Jain Engg College, Belgaum	
	07	B.Sc.	GSS College	RL Law College, Belgaum	
	02	B.Sc.	GSS College	GIT Belgaum	
	01	B.Sc.	GSS College	Acharya Institute of Graduate studies, Bangalore	
	01	B.Sc.	GSS College	MV PG Center Mandya	
	01	B.Sc.	GSS College	BK College Belgaum	
	01	B.Sc.	GSS College	IMCR Belgaum	

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services): - NIL-

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET		
SET		
SLET		
GATE		
GMAT		
CAT		
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other		

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Participants
Basketball (Men & Women)	STATE LEVEL (RCUB Inter-College)	190
Judo 55 KG Category	STATE LEVEL (RCUB Inter-College)	01

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
	University Blue	National	Football		S1314219	SHAHU KATKAR
	University Blue	National	Football		S1314293	VIKKI YESOJI
	University Blue	National	Basket Ball		S1414258	SHASHKANT BARAGALI
	University Blue	National	Basket Ball		S1314169	RADHIKA ANVEKAR
	University Blue	National	Basketball		S1314006	NEH ADGONDKAR
	University Blue	National	Netball		S1314192	SACHIN SATWAR
	UNIVERSITY BLUE	NATIONAL	Netball		S1514125	NETRA SADALAGE
	UNIVERSITY BLUE	NATIONAL	Hockey		S1414257	SHARON SHETTY
	UNIVERSITY BLUE	NATIONAL	JUDO		S1514284	SUNIL ALLOLKAR
	UNIVERSITY BLUE	NATIONAL	Cricket		S1314263	SUMIT MRIHAL

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

At the beginning of academic year, Principal nominates a committee of staff members heading various departments of Gymkhana with Principal as its president and a senior member of staff as a Vice-President. This Committee nominates class representatives of various classes. The committee then calls for applications for the selection of various secretaries of the Gymkhana Managing Committee (GMC). The selection of all secretaries is done through interviews of the aspiring candidates.

The purpose of the student council is to give students an opportunity to develop leadership by organizing and carrying out college activities and various competitions. The student council is the voice of the student body.

They help share student ideas, interests and concerns with the teachers and Principal.

Following are some of the general objectives of student council,

1. To enhance communication between students and staff.
2. To promote friendship and respect among students.
3. To support staff in development of the college.
4. Encourage students to participate in all college activities.
5. Assist college in organizing and developing sports and cultural activities in the college.

The general secretary and ladies representative of the college are members of the IQAC. All programmes such as college annual sports meet, annual social gathering organized and managed completely by Student Council with the guidance of GMC.
5.3 Alumni Engagement
5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words): - No -
5.3.2 No. of enrolled Alumni: 85
5.3.3 Alumni contribution during the year (in Rupees) : Nil
5.3.4 Meetings/activities organized by Alumni Association: 01
CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT
6.1 Institutional Vision and Leadership
6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)
Decentralization and Participative Management – <ul style="list-style-type: none"> • Weekly administrative committee meeting: This is chaired by the Principal in which, all the Heads of the departments, Librarian and Head of Accounts section participate. The agenda includes overall infrastructure management of the campus. This set up creates an appropriate space for the staff wherein they can directly be the part of administration. This has helped the college Management greatly to maintain a proper system in the campus. • Every Undergraduate department has its own Head who connects between the staff and the Principal for all academic and administrative purposes. The Head conducts the periodic meeting of the staff of the particular department. The college has two Postgraduate departments (Organic Chemistry and Botany) which are independently headed by the Coordinators. All the day to day academic decisions are taken by the Coordinators.
6.1.2 Does the institution have a Management Information System (MIS)? Yes/No/Partial:
No
6.2 Strategy Development and Deployment
6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):
❖ Curriculum Development: Several teachers are in BoS who contribute in university curriculum development. Calendar of events, monthly teaching plan, teachers’ diary, students’ attendance, enrichment and remedial courses, tests - tutorials, bridge courses, guest lectures, seminars and workshops etc are regular features. Projects other than University curriculum. Certificate courses to enhance students’ skills.
❖ Teaching and Learning - ICT facility for making lectures interesting and better understanding. Student seminars, home assignments and remedial-enrichment classes are regular features. Field/Industrial visits for better understanding. ICT Tools and e-resources are available and are regularly used in teaching. Orientation programmes,

bridge courses, brain storming, group discussions, and student mentoring support students overall development. Seminars and lectures on relevant topics are organized by students and by inviting resource persons for students. Students conduct projects from curriculum and outside curriculum which help them to understand the research methodology, inculcate systematic process of data collection, research ethics, analysis and creative thinking.

❖ **Examination and Evaluation** - Evaluation of students learning and understanding is performed through - regular tests, internal assessment tests, student assignments, seminars and interaction during regular classes/ practical and some times in the field. The results of the Internal Assessment are provided to the respective mentor counselling if necessary. Continuous evaluation is mainly done from theory and practical tests. The students performance is provided to their parents during the parents meet.

❖ **Research and Development** - The College has constituted research committee to promote student projects and faculty participation in research. Teachers are encouraged to publish their researches in national and international journals, attend and present their research in seminars/workshops/conferences. The institution provides incentives for presenting research papers and attending the seminars, with financial support for travel and registration and duty leave. Teachers are also encouraged to do Ph.D. research. Workshops on research components, formulating research projects, availability of various grants in the government schemes were conducted. Students are encouraged to conduct research projects too.

❖ **Library, ICT and Physical Infrastructure / Instrumentation** – Well equipped classrooms and laboratories; large play ground; seminar halls, open air theatre, staff quarters and a guest house exist in campus. New computers and accessories are added whenever necessary. ICT facility in most of the departments. New toilet block and ladies waiting room is added. Two girls hostel catering for 150 students; and one boys’ hostel catering for 50 students exists. The library is one of the largest in north Karnataka has over 45000 collections including- rare manuscripts, books, exclusive collection on Gandhi, Vivekanand, Ambedkar and literatures. Separate sections for all major subjects exist.

❖ **Human Resource Management**

The college encourages the staff to attend workshops, seminars and conferences on their subject and also on related topics of higher education. Faculty development programmes are arranged to upgrade their teaching skills. Inter department faculty exchange is in place, for ex., a Chemistry teacher takes a topic in M.Sc. Botany and Botany teacher conduct environment classes for B.C.A. Botany and Zoology departments conduct study tours and field visits where in interdepartmental learning takes place for students. Biometric attendance, dress code for students, teaching and non teaching staff. 24 hours security for campus and for hostels.

❖ **Industry Interaction / Collaboration** - Collaborative activity with Mining Engineers’ Association of India with whom we have MoU viz., Tectonics – Students Competitions; Indian Mining Day and World Water Day Celebrations. Industrial visit to drilling sites of Atomic Minerals Division uranium exploration program. Dr. Hanamgond (Geology) helped in developing Mineral and Rocks exhibits for the MoU College GJ College, Ratnagiri.

❖ **Admission of Students:** The college prospectus with the application form is made available in the office and on the website. The college admission committee guides and counsel the students for the available subject combinations and for PG courses (management seats) depending upon the interest of the students and available admission quota, and admission generally is given on first come first serve basis. For students opting for computer science a minimum percentage of marks is fixed on which the students are admitted. For PG courses in Botany and Organic Chemistry the university conducts an entrance exam and fills its quota.

6.2.2 : Implementation of e-governance in areas of operations:

❖ Planning and Development: Academic calendar of RC University and also by the IQAC of the College is implemented and followed for all the programs of the institution.
❖ Administration: Principal communicates through e-mail to the Heads of the departments. All the HODs are having official e-mail IDs. The HODs also communicate to their staff by e-mails and mobile messages. Students get the information through college website.
❖ Finance and Accounts: Finance and accounts are maintained with the assistance of a commercial software, BRAIN.
❖ Student Admission and Support : The Placement Cell generates the soft copy of all the Final year students. The cell informs the students through e-mails and mobile messages regarding any placement drive in the campus or off campus.

6.3 Faculty Empowerment Strategies

6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year - Nil-

Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support

6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year : - **Nil** -

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)

6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year :

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
UGC FDP programme	2	22 March 2016 to 21 March 2018 (Smt L.S.Laxmeshwar); and 22 June 2016 to 21 June 2018 (Smt A.S.Naik)

6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime	Permanent	Fulltime/temporary
---	13	04	08

6.3.5 Welfare schemes for

Teaching	<ol style="list-style-type: none"> SKE's co-operative society which helps teaching and non-teaching staff by long and short term loans with minimum interest. Family Benefit Fund
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Non teaching	1. SKE's co-operative society which helps teaching and non-teaching staff by long and short term loans with minimum interest.		
	2. Family Benefit Fund		
Students	1. Scholarships		
	2. Book loan by library		
6.4 Financial Management and Resource Mobilization			
6.4.1 Institution conducts internal and external financial audits regularly (within 100 words each) The college regularly undergoes internal audit which is done once in a year. The internal audit will be conducted by a Chartered Accountant. The external audits will be conducted by Accountant General of State Government and Regional Joint Director of collegiate education. The external audits are usually done once in ten years.			
6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)			
Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose	
S.K.E. Society	23,389	Annual sports	
S.K.E. Society	21,279	RCU Swimming Competition	
6.4.2 Total corpus fund generated 44,668/-			
6.5 Internal Quality Assurance System			
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?			
Audit Type	External		Internal
	Yes/No	Agency	Yes/No Authority
Academic	Yes	NAAC Assessors 3 member Team	Yes Principal and IQAC Coordinator
Administrative	Yes	NAAC Assessors 3 member Team	Yes Principal and IQAC Coordinator
6.5.2 Activities and support from the Parent – Teacher Association (at least three) - Nil			
6.5.3 Development programmes for support staff (at least three) - Nil			
6.5.4 Post Accreditation initiative(s) (mention at least three) – i) Merger of BCA with GSS College ii) Solar Energy Panels iii) MoU between MSc Botany and Rani Channamma University, Belagavi iv) Encourage faculty for FIP programme v) Online Outreach Programme in Remote Sensing at Geology Department, by IIRS Dehradun.			
6.5.5			
a. Submission of Data for AISHE portal : (Yes /No) Yes			
b. Participation in NIRF : (Yes /No) Nil			
c. ISO Certification : (Yes /No) No			
d. NBA or any other quality audit : (Yes /No) No			

6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from----- to-----)	Number of participants
2015-16	<ul style="list-style-type: none"> 8th Bridge Course Khanija-2016 (for UG students of KLE's BMK Ayurved Mahavidyalaya) 	22 nd Jan 2016	Two Days	70
	<ul style="list-style-type: none"> UGC sponsored National Seminar "Energy Crisis- Causes, Effects & Solutions" 	13-14 Aug 2015	Two days	250
	<ul style="list-style-type: none"> UGC sponsored National Seminar "Estuaries of India: Past, Present & Future", 	24-25 July 2015	Two days	80
	<ul style="list-style-type: none"> Awareness of Groundwater sponsored by Groundwater Board, Bangalore and District Groundwater Department, Belgaum 	5 March 2016	One Day	42
	<ul style="list-style-type: none"> Workshop "Strategies to overcome different kinds of problems & Challenges faced in Library" (for Library staff) by Prof.SY Prabhu 	14 July 2015	One Day	8
	<ul style="list-style-type: none"> Workshop "Using Library resources effectively", for BSc II sem students. 	23-28 Jan 2016	Two Days	40
	Organised 8 guest lectures			
	Third Eye by Dr.Bhaskar Joshi, Gulbarga	11-7-2015		
	Understanding Climate Change, by Dr. Manojkumar Devne, Pune	25-7-2015		
	Biliary Atresia, by Dr Pranav Shivakumar, USA	12-12-2015		
	Ramanujan Working Mathematics by Dr. T Venkatesh, Belgaum	22-12-2015		70
	The village Environment & the people by Mr.Ashok Deshpande	12-7-15		
	Online CET Portal by Dr. B. R. Vasantha, Bangalore	16-9-2015		
	Cancer Biology by Mr. Y.B.Dalvi, Belgaum	12-01-2016		
	Relevance of Gandhiji in present era by Shri.Prasad Kulkarni, Ichalkaranji	10-1-2016		41

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 - Institutional Values and Social Responsibilities**

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year) – Nil -

	Title of the programme	Period (from-to)	Participants	
			Female	Male

7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:
Percentage of power requirement of the College met by the renewable energy sources

1. **Plastic Free campus:** Staff and students clean the main campus regularly through NSS activity; and also by the teaching, non teaching staff and students together to make the campus plastic free.

2. **Rainwater Harvesting pits:** There are one rain harvesting pits in the college campus which are used to recharge ground water of campus. Because of which the wells of college has sufficient water to fulfil the water requirement even in summer season.

3. **Vermicompost Unit:** we have vermicompost unit situated in Botanical garden of the college. The organic wastes of plants are dumped in vermicompost unit for decomposition. The compost got is used as organic fertiliser for the plants to grow in the campus. Hence recycle and reuse organic waste in the form of compost.

4. **Effluent treatment plant:** ETP plant is installed in Botanical garden .The effluent of chemistry laboratory is treated in ETP. The water after treatment is reused for the Botanical garden. About 5000 litres of water is treated in ETP and reused for Botanical Garden.

5. **Green landscaping with trees:** The college campus is one of the unique kinds full of greenery. Different variety of plants (herbs, shrubs and trees) which are fruit yielding, flowering plants, ornamental plants, climbers, lawns, cactus garden , shade plants and medicinal plants.

6. **Organising National Seminar:**

The Dept of physics organised UGC sponsored National Seminar on “**Energy crisis, causes, effects and solutions**” on 13 & 14 august 2015 as an initiative towards environment consciousness.

7. **Alternative Energy Initiatives.** Solar street lights are installed in front of Gymkhana.

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	
Provision for lift	Nil	
Ramp/ Rails	Yes	Old age people, guests and Elderly management members
Braille Software/facilities	NA	
Rest Rooms	Yes	All students
Scribes for examination	NA	
Special skill development for differently abled students	NA	
Any other similar facility	Nil	

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff

2015-16		*College premises is used for election purpose and various competitive examinations by the government authorities.		Because of the flexible time table, the rural students can choose to have practical batches conducted in the afternoon/morning sessions as per their convenience.	Students residing in rural areas got advantage of the initiative.	About 200 students from Rural area
	1.	*Rani Channamma University degree Central valuation conducted in college campus	5.5.2016-16.6.2016 41 Days			
	2.	*Sports Academy to encourage sports for other institutes.	Throughout the year			
	3.	*Library services extended to the public with nominal charges.	Throughout the year			
	4.	*MoU with 3 institutes.	Throughout the year			

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Code of conduct for Staff	2015-16	Code of conduct framed by SKE Society is in place for staff. When a new recruitment is made, both teaching and non teaching, at the time of reporting, the Principal and the management would meet them in the Principal's chamber and tell them regarding the code of conduct to be followed in the campus. In case of any violation, they are warned of strict action that may include suspension.
Code of conduct for students	2015-2016	Code of conduct framed by IQAC for students is in place. At the time of the orientation/ induction program for the freshers, do's and don'ts are being

		told to all the students. The code of conduct is brought to the notice of their parents and is signed by them as well. Any damages in the laboratory or the campus or any misbehaviour would be penalised after the initial warnings that may include suspension from the class.
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7.1.6 Activities conducted for promotion of universal Values and Ethics		
Activity	Duration (from-----to-----)	Number of participants
1. Yoga day celebration	21/6/2015	96
2. Karnataka Rajyotsava	1/11/2015	105
3. Teachers day celebration	5/09/2015	85
4. Mahatma Gandhi Jayanti	2/10/2015	250
5. Independence day	15/08/2015	287
6. Republic day.	26/01/2016	30
7. Ambedkar Jayanti	14/04/2016	29
8. Dr APJ Abdul Kalam Jayanti & Inauguration of Geology Museum	15 Aug 2015	~400
7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)		
1. Solar lights. 2. Plastic free campus. 3. Vermicompost Unit. 4. Effluent treatment plant. 5. Rainwater Harvesting Pit		
7.2 Best Practices		
Describe at least two institutional best practices Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link 1) Preparation of Lab Manuals 2) Welcome to Juniors by Seniors and Farewell to Seniors by Juniors Details enclosed as Annexure II		

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust. Provide the weblink of the institution in not more than 500 words

The college has a beautiful campus with good infrastructure, plenty of trees, wells as a source of water, water harvesting pit to recharge the ground water, botanical garden having cactus garden, medicinal plants, vermicompost etc. It is very much importance in the overall progress and development of the institution. With this view our college has its own mission statement accordingly we always try to function uniquely, innovatively and distinctively from the other institutions. As far as our Mission and Vision is concerned, college always try to implement the distinctiveness in the work. Our college has a large number of students from the surrounding villages. The number of girl students is more in number. Most of the students from rural areas & poor background, but they are not poor in talent, knowledge and humility. The main aim was to provide an opportunity to the rural students of this area especially the rural girl students to pursue the higher education for their development and progress of the family. The students get an opportunity to participate in every curricular, extracurricular and extension activities very actively. Through the NSS, NCC, Youth red cross, Hobby centre, ladies association etc to develop their academic as well as professional, cultural, social consciousness, alertness, responsiveness. The college organises orientation programme for the fresher and the final year students. The college harnesses solar energy as part of energy conservation programme and eco friendly initiative. For the proper disposal of chemical waste the college has installed effluent treatment plant (ETP) to treat the chemical generated from laboratories and recycle and reuse the water. Many of our students are in higher education, research institutes, banks, defence, teachers, industries and entrepreneurs. Organises sports to develop physical, mental fitness, team spirit and discipline among the students.

8. Future Plans of action for next academic year (500 words)

- Organise Faculty Development Programmes.
- Student-centred activities (such as fests and other competitions)
- Seminars/Workshops (National level), Bridge courses, guest lectures to be conducted
- To enhance the placement Cell activities
- Introduce Certificate courses
- ICT-based teaching to be enhanced.
- INFLIBNET services to be continued
- Best Practices to be encouraged in all departments
- Research Projects and Research publications to be further encouraged.
- Infrastructure – classrooms and laboratory facilities to be enhanced.
- Alumni supported activities to be enhanced.
- Continuing orientation and mentor activities
- Coaching Academy programs to be strengthened

Name: Dr.P.T.Hanamgond

Name: Prof. A. K. Mense

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

ACADEMIC CALENDER FOR THE YEAR 2015-16

Month	Activities Planned
July 2015	Ladies Association Activities
	Barsaat – Cultural Program
	UGC Sponsored National Seminar “Estuaries of India: Past, Present & Future”
August	Inauguration of Botany PG Course
	First Internal Test
	Blood Donation Camp by YRC
	SKE Society Founders Day
	Geneva Convention Day
	UGC Sponsored National Seminar “ Energy Crisis – Causes, Effects and Solutions
	Inauguration of Dr.APJ Abdul Kalam Geology Museum
	SPICMACAY Classical Music Concert by Shri Jayteerth Meundi
September	Second Internal Test for Theory and Practicals
	Orientation for Freshers
	Dr.Y.K.Prabhu Memorial Lecture Series
October	Celebration of Gandhi Jayanti; Inauguration of Centre for Gandhian Studies – Certificate Course & Crash course on Gandhian Studies
November	Semester Exams; Central Valuation for Arts subjects; DST Inspire Camp
December	Central Valuation for Arts subjects continues; Annual Sports & Gathering;
January 2016	First Internal Test
	Khanija 8 th Bridge Course for Ayurvedic Medical Students
	Use of Library Resources Workshop for II Sem Students
	NSS Special Camp at Machche Village
	Annual Social Gathering
February	First Internal Test exams
	NAAC PEER Team Visit for 3 rd Cycle evaluation
March	Second Internal Test
	International Women’s Day
	Coin Exhibition by Shri.Kamule
April	Final Practical exams
	Dr.B.R.Ambedkar Jayanti celebration
May	Even Semester Final exams.
June	College Reopens

Best Practice I

1. **Title of the Practice** : Preparation of Lab Manuals for all semesters
2. **Objectives of the Practice** : It helps the students to know about the experiments before coming to lab. So it saves time. The manuals provide them the necessary tabulation and graph papers. All the records are saved in one booklet only. This helps them to study for the examination in a better manner.
3. **The Context** : Every Semester has 10 Experiments. So the Lab Manuals should be prepared individually for each semester. They need to be constantly updated.
4. **The Practice** : At the beginning of each semester Lab manuals are given to the students. A nominal fee is taken for this. Which generates a fund for the department. The students get an idea of a particular experiment before performing it. This will built a confidence in them and they can handle the apparatus easily. This saves their time in the lab because of which they can make the records, do all the calculations, plot graphs and find the results.

The unique features of this practice are there is uniformity in the conduction and demonstration of the experiments.

Even the faculties from other Colleges refer to these manuals. This provides the easy reference to everyone.
5. **Evidence of Success**: Students can perform and learn better in the Labs. Prior knowledge of the Experiments developers curiosity and eagerness. The scores in practical exams are found to better.
6. **Problems Encountered and Resources Required** : Printing and publication is required. Drawing diagrams may be challenging
7. **Notes (Optional)** : Lab manuals are given free of cost for students who cannot afford to buy.

Best Practice II

1. **Title of the Practice** : “Welcome to Juniors by Seniors and Farewell to Seniors by Juniors”
2. **Objectives of the Practice** : Welcome to freshers by seniors (2nd and 3rd year students) and Farewell to Seniors by Juniors (1st and 2nd year students). These activities are purely organized by the students.

At the beginning of the academic year the senior students plan a friendly gesture to welcome the juniors and at the end of the academic year the Junior students organize the farewell to Senior students.

This activity is an event very much helpful for students to create the friendly environment amongst all of them, as a result their exist a better communication and sharing of knowledge and information among them.

3. **The Context** : The Senior students initially welcome the freshers' during the first term. Whereas, the juniors (first year and second year) students give farewell to the final year students.
4. **The Practice** : This activity is organized by the senior students (B Sc II & III) who plan the welcome gesture. Where in, they introduce the Department and College activities to the fresher's as they are new to the campus and department. On this occasion a guest and the Principal are invited too. The guest is drawn from the Geology fraternity and generally alumni. The senior students gift a memento (for ex., a color pencil box, which is used for the entire course) to each fresher student by the seniors as a token of welcome.

The students of BSc I & II organize this event at the end of the academic year. Here too, a guest and the Principal are invited. The guest is again drawn from the Geology fraternity, who provide guidance and the outgoing students role in the society, to build their career, personality etc., which helps them to shape their career and confidence to enter into the new world after graduation. Both Junior and senior students give their feedback about their feelings about the department, teachers and the activities. Finally the programme ends with some cultural programme and refreshment with a memento gifted to seniors by all the juniors.

5. Evidence of Success:

The Fresher's get familiar with the students, staff, department and College. The various activities conducted in the department and college.

This event creates strong bonding between junior and senior students so that they communicate effectively among themselves without any hesitation.

The guidance given by the Guests help students to shape their personality and choose the career.

The bonding between the students lead to better success of any future departmental and college activities with confidence.

6. Problems Encountered and Resources Required : Participation of all students is not possible.

The expenses for the tea and mementos have to be borne by students.

7. Notes (Optional) : Nil