



GOVERNMENT SCIENCE COLLEGE, HASSAN-573 201

(Re-Accredited by NAAC at **B** Grade with CGPA 2.72)

Ph: 08172-268248, Fax: 08172 268248

e-mail: gschassan@gmail.com Website: www.gsch.in

ANNUAL QUALITY ASSURANCE REPORT

AQAR 2014-15

Part – A

1. Details of the Institution

1.1 Name of the Institution

Government Science College

1.2 Address Line 1

Salagame Road

Address Line 2

Hassan

City/Town

Hassan

State

Karnataka

Pin Code

573201

Institution e-mail address

gshassan@gmail.com

Contact Nos.

08172-268248

Name of the Head of the Institution:

Dr. A.L. Muralidhara

Tel. No. with STD Code:

08172-268248

Mobile:

9449632107

Name of the IQAC Co-ordinator:

Dr. M. Abdul Rahiman

9449969988

Mobile:

IQAC e-mail address:

rahiman.hsn@gmail.com

1.3 NAAC Track ID (For ex. MHC0GN 18879)

NA

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)

EC/59/RAR/12 dated 21-04-2012

1.5 Website address:

www.gsch.in

Web-link of the AQAR:

<http://www.gsch.in/IQAC2013-14.doc>

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	-	2003	2003-2008
2	2 nd Cycle	B	2.72	2012	2012-2017
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

28-12-2004

1.8 AQAR for the year (for example 2010-11)

2014-15

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

- i. AQAR 2012-13 submitted to NAAC on 18-12-2013
- ii. AQAR 2013-14 submitted to NAAC on 24-12-2014

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

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

Type of Institution Co-education Men Women

Urban Rural Tribal

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

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

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

University of Mysore

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

Autonomy by State/Central Govt. / University	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
University with Potential for Excellence	<input type="checkbox"/>	UGC-CPE	<input type="checkbox"/>
DST Star Scheme	<input type="checkbox"/>	UGC-CE	<input type="checkbox"/>
UGC-Special Assistance Programme	<input type="checkbox"/>	DST-FIST	<input type="checkbox"/>
UGC-Innovative PG programmes	<input type="checkbox"/>	Any other (<i>Specify</i>)	<input type="checkbox"/>
UGC-COP Programmes	<input type="checkbox"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="checkbox"/>		
2.2 No. of Administrative/Technical staff	<input type="checkbox"/>		
2.3 No. of students	<input type="checkbox"/>		
2.4 No. of Management representatives	<input type="checkbox"/>		
2.5 No. of Alumni	<input type="checkbox"/>		
2.6 No. of any other stakeholder and community representatives	<input type="checkbox"/>		
2.7 No. of Employers/ Industrialists	<input type="checkbox"/>		
2.8 No. of other External Experts	<input type="checkbox"/>		
2.9 Total No. of members	<input type="checkbox"/>		
2.10 No. of IQAC meetings held	06		
2.11 No. of meetings with various stakeholders:	No.	<input type="checkbox"/>	Faculty <input type="checkbox"/>

Non-Teaching Staff Students Alumni 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. International National State Institution Level

(ii) Themes

1. Preparing colleges for NAAC accreditation
2. Awareness regarding Leave rules and conduct rules of Government Servants

2.14 Significant Activities and contributions made by IQAC

- Student feedback about the teachers and about the college is collected from outgoing students of the year. It is analysed by IQAC of the College
- Red Cross and Red ribbon club have been established in the College
- Special scientific lecture programmes are arranged in different disciplines.
- Cultural competitions, Student seminars and quiz programmes are arranged
- Documentation of college activities.
- Departmental action plans are prepared.
- Faculties are encouraged to present their research papers in various national and international seminars/conferences.
- District level seminar on preparation of colleges for NAAC accreditation was organized
- Work shop for teachers regarding leave rules and conduct rules was arranged

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 *

Activities planned in the beginning	Activities Executed
Preparation of departmental action plan at the beginning of academic year	Action plan is prepared by all the departments and wings like NSS, NCC, Cultural Forum, Science Forum etc. The action plan is executed partially

To Conduct Orientation programme to I sem students	Conducted Orientation Programme
To conduct seminars/Workshops	One District level seminar on “Preparation of colleges for NAAC accreditation and Reaccreditation and API-PBAS” was held on 07-08-2014. One Institutional level workshop conducted on Leave Rules and Conduct and Service rules for Government Servants on 31-03-2015
To submit research project to various funding agency	About 5 research projects were submitted to UGC under Minor research product and 2 research proposals to UGC Under Major research projects
To conduct guest lectures	Many guest lecturers were organized by various departments
Display wall Magazines	Two magazines were displayed in PG Department
To conduct Field visit, Industrial visits	Many departments have arranged field trips and industrial visits
Awareness Rally	Swach Bharath Rally by Scouts/NSS/NCC
Conduct Students counseling	Conducted Students’s counseling
To Organize Alumini interactions and Parents meetings	Parents meeting has been convened
Implement Green Campus and Clean Campus	Gandhi Jayanthi Day was celebrated by cleaning the college campus in which all faculty members and ministerial staff have participated. Planting of trees is under progress
Inculcate Research Culture among faculties and students	Teachers and Students were encouraged to present their research findings in conferences
Faculties are encouraged to publish papers in national –international journals	Many teachers have published their papers
To conduct Remedial Classes	Mathematics department conducted remedial classes for slow learners
Steps to initiate Add-on courses and certificate courses	Add-on course on Computer Network Simulation and Tissue Culture were started

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

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

AQAR was discussed with all the members of IQAC. Strategies to improve quality indicators of the institution were discussed.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	NIL	NIL	NIL	NIL
PG	01	NIL	NIL	NIL
UG	02	NIL	NIL	NIL
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others: Add-on	02(Computer Network simulation and Tissue Culture)	NIL		
Total	04	04		

Interdisciplinary				
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	B.Sc, B.C.A and M.Sc
Trimester	NIL
Annual	NIL

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

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

**Please provide an analysis of the feedback in the Annexure*

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

The syllabi are revised and updated by the University based on the recommendations of the concerned Board of Studies. Some of our faculty members are members of Board of Studies of the University.

1.5 Any new Department/Centre 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	Others
49	27	22	-	

2.2 No. of permanent faculty with Ph.D.

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
0	4		4					0	8

2.4 No. of Guest and Visiting faculty and Temporary faculty

70	-	-
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	08	36	02
Presented	10	21	
Resource Persons			

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

For promoting teaching and learning, innovations in teaching methodology have been introduced.

- **Modern teaching techniques and aids** such as Power point presentations, use of Computers, e-assignments, Audio visual aids and browsing the internet are used in classroom instructions. Focused group discussions, role plays, newspaper clipping files and displays are regularly practiced.
- **Research-based assignments** using Project, Survey and case study method have been planned for students which further require making use of combination of materials from text books, internet and Journals. Study of research trends has been made part of major subjects. Screening of Period Films is carried out.
- **Guest lectures, workshops and seminars** by experts in the field have been organized in the various departments to acquaint the students with the latest technology, activities and concepts.
- **Industrial trips, field visits and tours** have been organized with the aim to give practical exposure to students regarding various theoretical topics.
- **Planning and execution of lesson plans:** Teachers have been planning their lessons, weekly monthly and yearly and these are regularly monitored by respective Heads of departments and Head of the institution.
- **Conduct of periodical tests** has been introduced to bring about positive changes in improving academic performance of students. Quiz Competitions have been held from time to time.
- Students are encouraged to prepare power point presentation and present them in class.
- The use of INFLIBNET facility is given to Staff and students in library.

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

188

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

The reforms instituted by the institution in internal evaluation process are:

- Transparency in Internal assessment.
- Student projects given weightage in internal assessment in PG department.
- Power point presentations assessed for their quality and content.
- Organization ability for class seminars evaluated.
- Regular class assignments marked.

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

BOS -6

BOE -10

90%

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Sc.	294	32	124	47		77
B.C.A.	42	11	22	09		100
M.Sc.	22	01	21	-	-	100

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

- IQAC collects student feedback about the teaching and analyses it. The report of analysis is given to Principal. The Principal communicates the same to the concerned staff member.
- IQAC helps the administration in the smooth and effective implementation of the teaching learning process.
- Creation of learning environment in classes which motivates critical thinking, creativity and scientific temper.
- Conducting periodical academic audit
- Conducting periodic meetings with HOD's.
- Conducting IQAC committee meetings

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	04
UGC – Faculty Improvement Programme	01
HRD programmes	NIL
Orientation programme	00
Faculty exchange programme	NIL
Staff training conducted by the university	NIL
Staff training conducted by other institutions	NIL
Summer / Winter schools, Workshops, etc.	Workshop-2

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	8	0	15
Technical Staff	0	0	0	0

Criterion – III

3. Research, Consultancy and Extension

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

1. A Research Advisory Committee is constituted in the college to create a conducive atmosphere for undertaking research activities and to inculcate research culture
2. Teachers are encouraged to submit minor and major research project proposals to UGC, DST, K-FIST etc.
3. Ten teachers submitted their research proposals to UGC for financial assistance through IQAC of the college
4. Many teachers are recognized as research guides from Bharathiar University
5. Interdisciplinary research is undertaken
6. Promoting the departments to get recognition as research centers and the qualified faculty as Research Guides
7. The M. Sc. Students were encouraged and guided to publish their research findings in Peer reviewed Journals.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01			1
Outlay in Rs. Lakhs	08 Lakhs			

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number		5	1	
Outlay in Rs. Lakhs		7.8	3.9lakhs	

3.4 Details on research publications

	International	National	Others
Peer Review Journals	08	41	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	04		

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	03	UGC	3.9 Lakhs	2.5 Lakhs
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total				

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

Being a government organization, normally services cannot be charged without following proper procedure for taking permission from the higher authorities. Hence, all counselling and consultancy services are non-income generating and conducted free of cost.

3.11 No. of conferences organized by the Institution

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

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From funding agency From Management of University/College

Total

3.16 No. of patents received this year

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

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

Total	International	National	State	University	Dist	College

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

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
 National level International level

3.22 No. of students participated in NCC events:

University level	<input type="text" value="75"/>	State level	<input type="text" value="10"/>
National level	<input type="text" value="15"/>	International level	<input type="text" value="-"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="02"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text"/>
NCC	<input type="text" value="01"/>	NSS	<input type="text" value="01"/>
		Any other	<input type="text"/>

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

- Blood donation camp in collaboration with District hospital.
- Rashtriya Sadbhavana Divas celebrations.
- Campus cleaning programme on Gandhi Jayanthi day.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	8.98 Acres out of 26 acres total	0		8.98 Acres
Class rooms	07	3	Government of Karnataka Rs. 60 lakhs	10
Laboratories	22	0		22
Seminar Halls	01	0		01
No. of important equipments purchased (\geq 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)				
Others				

4.2 Computerization of administration and library

<ol style="list-style-type: none"> 1. Online admission entry for approval by University 2. Online examination application entry. 3. Admission tickets are downloaded from University website. 4. Library automation underway. 5. INFLIBNET facility provided

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	23816	368142.00	NIL	NIL	33816	1058142.00
Reference Books	13000		NIL		13000	
e-Books	N-List				N-List	5000.00
Journals	14	10000.00	NIL		14	10000.00
e-Journals	N-List				N-List	5000.00
Digital Database					-	-
CD & Video	30	-	NIL		30	
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others Library
Existing	69	39	-	10	-	04	27	01
Added	12	10		00		00	00	00
Total	81	49		10		04	27	01

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

- UGC-Network Resource Centre
- E.content downloading facility to students provided by the collegiate education department

4.6 Amount spent on maintenance in lakhs :

i) ICT	5 lakhs
ii) Campus Infrastructure and facilities	60 lakhs New building
iii) Equipments	10 lakhs
iv) Others	
Total :	75 lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The college has been conducting orientation programmes in the beginning of the academic session in order to sensitize the students regarding various clubs and societies working for students' support.
- The information about curricular and co-curricular activities is disseminated through College Website, notice board and College Prospectus.
- Scholarship committee constituted to assist students in getting various scholarships
- Training & placement assistance.
- Display of Placement brochures through Departmental Notice boards and Placement cell.
- Organizing mock interviews and conducting sample tests.
- Encouraging student to write article in wall magazines and annual magazines

5.2 Efforts made by the institution for tracking the progression

Alumni interaction, Strengthening alumni database continuous evaluation of students in the form of regular tests.

For slow learners, Additional assignments and remedial coaching.

For the fast learners opportunity to conduct seminars, Student faculty scheme and organising events through

- students forum By contacting students over phone.
- Referring TC issue register
- Information gathered from parents and students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1335	46		

(b) No. of students outside the state

NIL

(c) No. of international students

NIL

	No	%		No	%
Men	605	43.8	Women	776	56.2

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
73	170	14	976	0	1233	49	217	20	1095	0	1381

Demand ratio 520:850

Dropout % : About 20%

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

- UGC NET and JRF coaching classes through Equal Opportunity Centre
- Organizing mock interviews and conducting sample tests.

No. of students beneficiaries

25

5.5 No. of students qualified in these examinations

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

5.6 Details of student counselling and career guidance

- Career guidance through Job Information and Placement Cell.
- Campus interviews organised

No. of students benefitted

150

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed	
Wipro, TCS, Infosys etc	75	25	-	

5.8 Details of gender sensitization programmes

-

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government	393	903142
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: -

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Education with Excellence and Discipline

Mission:

- Imparting higher education in pure and applied sciences.
- Improving thinking capacity and analytical aptitude amongst students.
- Physical, mental and spiritual development of students.
- Amalgamating cultural and ethical values in higher education of the rural folk.
- Enhancing social awareness and responsibilities of the students by community oriented activities.
- Inculcating leadership quality and patriotism among the student community.
- Utmost priority to national integration.
- Providing avenues for knowledge exchanges.

6.2 Does the Institution has a management Information System

Yes

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

6.3.1 Curriculum Development

- The curriculum is developed by the University.
- The college has introduced Add-on Courses.

6.3.2 Teaching and Learning

- Motivating the teachers to use the modern technology for teaching
- Encouraging Seminars and Power Point Presentations by students.
- Giving individual attention during Practical classes.

6.3.3 Examination and Evaluation

- CBCS system is adopted by the University in PG courses
- Continuous evaluation
- Industrial visit

6.3.4 Research and Development

- Research committee constituted
- Research paper presentation by PG Students

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Our Institution is a member of N-LIST (National Library and Information Services Infrastructure of scholarly content) which is working under INFLIBNET (Information and Library Network Centre) that provides access to Electronic Journals and Electronic books to eligible colleges. The annual Membership fees of Rs 5000 is being paid by the institution.

6.3.6 Human Resource Management

- Faculty are given some administrative responsibilities so that the human resource is utilized to maximum extent.
-

6.3.7 Faculty and Staff recruitment

- All recruitments are done by the Government of Karnataka .
- The requirements are intimated to the Govt. from time to time.
- Guest faculty are appointed on ad-hoc basis so that the normal teaching process is not hampered.

6.3.8 Industry Interaction / Collaboration

- The computer science department has signed MoU with Computer Science Department of Government Engineering College Hassan
- Some industrial visits are conducted so that students get first hand information about different industrial techniques.

6.3.9 Admission of Students

- Admission committee looks after all admission process taking place in the institution
- Admission is purely on merit basis and done in transparent procedure.
- Reservations are strictly followed as per state government rules and policies
- Students are encouraged to take some special combinations like BMBt, CZBt and EMCs etc.
- Admission to M.Sc programme is done by University through central admission system by entrance examination and counselling

6.4 Welfare schemes for

Teaching	GPF, KGID, GIS, Loan facility
Non teaching	GPF, KGID, GIS, Loan facility Uniform allowance for peons Medical allowance
Students	Scholarship facility to eligible students

6.5 Total corpus fund generated

About 7.0 lakhs

6.6 Whether annual financial audit has been done

Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Affiliation Committee of University	Yes	Academic Audit Committee
Administrative	Yes	Joint Director, DCE, Accountant General	Yes	Internal Audit

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

For UG Programmes Yes No

For PG Programmes Yes No

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

- Online examination process by Mysore University
- Restricting addition of supplements to main answer books.
- Coding of Answer scripts for valuation
- Provision for Photo copy, Re-totalling and Re-valuation

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

- Our college has applied for autonomous status and the process of getting autonomy is under progress. The UGC committee has visited the college on 11-13th November 2014 and has given favourable report. The UGC order in this regard is awaited.

6.11 Activities and support from the Alumni Association

- Placement cell in association with Alumni association has organised a programme in which Mr. Chethan, pursuing his MS at Wipro from Birla Institute of Technology, Rajasthan shared his experience and encouraged the students for attending campus interviews.

6.12 Activities and support from the Parent – Teacher Association

- Scholarships to the poor and needy meritorious students
- Appointment of Class IV employees

6.13 Development programmes for support staff

- No special programme has been conducted. However the ministerial staff are deputed for training programmes arranged by District Institute of Education and Training

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

- Campus cleaning programme by NSS
- Plastic free Zone
- Planting trees through ECO Club

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.

Collection of feedback from the students and its analysis created a positive attitude towards effective teaching.

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

Activities planned in the beginning	Activities Executed
Preparation of departmental action plan at the beginning of academic year	Action plan is prepared by all the departments and wings like NSS, NCC, Cultural Forum, Science Forum etc. The action plan is executed partially
To Conduct Orientation programme to I sem students	Conducted Orientation Programme
To conduct seminars/Workshops	One District level seminar on “Preparation of colleges for NAAC accreditation and Reaccreditation and API-PBAS” was held on 07-08-2014. One Institutional level workshop conducted on Leave Rules and Conduct and Service rules for Government Servants on 31-03-2015
To submit research project to various funding agency	About 5 research projects were submitted to UGC under Minor research product and 2 research proposals to UGC Under Major research projects
To conduct guest lectures	Many guest lecturers were organized by various departments
Display wall Magazines	Two magazines were displayed in PG Department
To conduct Field visit, Industrial visits	Many departments have arranged field trips and industrial visits
Awareness Rally	Swach Bharath Rally by Scouts/NSS/NCC

Conduct Students counseling	Conducted Students's counseling
To Organize Alumini interactions and Parents meetings	Parents meeting has been convened
Implement Green Campus and Clean Campus	Gandhi Jayanthi Day was celebrated by cleaning the college campus in which all faculty members and ministerial staff have participated. Planting of trees is under progress
Inculcate Research Culture among faculties and students	Teachers and Students were encouraged to present their research findings in conferences
Faculties are encouraged to publish papers in national –international journals	Many teachers have published their papers
To conduct Remedial Classes	Mathematics department conducted remedial classes for slow learners
Steps to initiate Add-on courses and certificate courses	Add-on course on Computer Network Simulation and Tissue Culture were started

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

Annexure I

****Provide the details in annexure (annexure need to be numbered as i, ii,iii)***

7.4 Contribution to environmental awareness / protection

- Plastic free Zone
- Programmes under ECO CLUB for environmental awareness.
- Campus cleaning programme on all special occasions .

7.5 Whether environmental audit was conducted? Yes No

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

SWOT analysis has been conducted. The details of analysis are provided in Annexure II

8. Plans of institution for next year

- **Student faculty programme** will be introduced in UG and PG where meritorious final year students will be allowed to teach their juniors.
- Organising national level seminar in different disciplines
- To Start mid day meal to poor and needy students from faculty members
- **“Swachha Campus Programme”** all through the year.
- Organise at least two state level scientific programmes
- To conduct **Value Education Classes** at least once in a week.
- Introducing **“Thought For the Day”** programme in all the departments
- Extending the concept of **wall magazine** currently brought out by PG Department of Chemistry to all the UG departments (At least 2 issues per annum)
- Continuation of all **quality sustenance** programmes.
- To Bring out departmental Magazine in each department

Name: Dr. M. Abdul Rahiman

Name Dr. A. L. Muralidhara




Signature of the Coordinator, IQAC
 Co-ordinator
 Internal Quality Assurance Cell (IQAC)
 Government Science College
 Hassan-573 201

Signature of the Chairperson, IQAC
 Principal
 Govt. Science College
 Hassan-573 201

Name: Dr. M. Abdul Rahiman

Name Dr. A. L. Muralidhara

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- Organising national level seminar in different disciplines
- All final year students will be allowed to teach their juniors
- Student faculty programme will be introduced in UG and PG where meritorious

BEST PRACTICES OF THE INSTITUTION

1. Student Counselling :

- a) **Goal :** The main goal of counselling is to retain the students showing unwillingness to continue education
- b) **Context :** It is observed that some students show little unwillingness to continue their education few weeks after their admission in both UG and PG courses. They have some behavioural problems too. Such students are to be counselled properly so that their fear for education or other problems etc are to be mitigated.
- c) **The Practice:** The students are invited for discussion with the trained counsellors of our college. Their real problems are understood. They are given proper advice. Their parents are also consulted and advised to provide ambient atmosphere at home for their studies. Records of such counselling are kept in the students counselling cell.
- d) **Evidence of Success: More** than 10 students of UG and PG courses are made to continue their education after confidence building process.

2. Student support by Parents Association

- a) **Goal :** The goal of this practice is to support the meritorious but economically backward students.
- b) **Context:** Though our college is situated in urban area, majority of students are from rural background. We have observed some students leaving the course for want of money. In this context the institution has approached Parents Association
- a) **The Practice:** The students are selected based on their parents' income. They are advised to give an undertaking about the continuation of their education. Then the association will issue cheques and care will be taken to see that the amount is spent for the purpose for which it is sanctioned.
- b) **Evidence of success:** The students helped by Parents Association have continued their education and could able to get even PG seats.

SWOT ANALYSIS

Strengths:

1. The college has 26 acres of land with , turf cricket pitch Playground
2. The college is having 12B & 2f status and is accredited by NAAC
3. College is having M.Sc. program in General Chemistry and in B.Sc. Several course combinations viz., PCM, PME, PMCs, CBZ, CZBt, BMBt, BBM and BCA course.
4. Library has huge collection of 35000 books and subscribed with INFLIBNET FACILITY and provided with UGC Network Resource Centre and *Wi-Fi facility*.
5. The College has separate girls hostel catering the needs of rural students
6. Well qualified and dedicated faculty.
7. Two major and many minor research projects are under way by funding from various funding agencies like UGC, DST and VGST ect.
8. The faculties are publishing research papers in international journals of high repute.
9. The College is having two add-on Courses Viz., Tissue Culture and Network Simulation.
10. *Well established Job information and Placement Cell (JIPC)*
11. The academic result of the college is always higher than University average and it indicates excellence of the College.

II. Weakness:

1. Student to teacher ratio is high (25:1) and 78% of faculties are not PhD qualified.
2. Teaching to non-teaching staff ratio is 1: 0.5.
3. More than 50 guest lecturers.
4. Library building space is not adequate, not automated
5. Insufficient number of class rooms and also existing ones are partially equipped with Modern ICT facility / smart class.
6. No academic freedom in restructuring courses and in bringing academic reforms.
7. There is no or very little research atmosphere for faculty to carry out the research
8. Faculties are not exposed to teaching methodologies, hence they need pedagogy training.
9. There is no Technical staff.

III. Opportunities:

1. Scope for autonomy status and sufficient land for developing infrastructure for future growth and expansion.

2. Scope for introducing new PG courses, more electives in UG courses, add-on courses and increasing student strength for PG Chemistry course from 24 to 36.
3. Scope for up-gradation of central computer laboratory.
4. Scope for MOU with research institutes and industry for collaborative work.
5. Opportunity of conducting societal based research such as soil analysis, water analysis and tissue culture etc.,
6. There is scope for providing special grants to faculty to carry out research.
7. Enhancing the organizing skill amongst faculty to organize workshops, Seminars, Symposium and Conferences.
8. There is scope for enhancing the knowledge of procurement among administrative staff.
9. There is provision to enhance the graduate employability by introducing certificate courses in different disciplines.
10. Providing the knowledge of industry and industrial skills among teachers and students.

IV. Threats:

1. Students and parents are showing more affinity towards professional courses.
2. Government of Karnataka has given complete exemption of tuition fee in the aided colleges also and this may reflect in decreasing admissions.
3. Since institution is government, faculty retention is a major problem because of transfers.
4. Lack of skilled laboratory attenders

**Government Science College, Hassan
Internal Quality Assurance Cell**

**Programmes/Activities conducted by various departments in
the Academic Year 2014-15**

Date	Programmes arranged	Department
	Reopening of the College	
23-07-2014	Orientation programme for Ist year B.Sc Degree students	All UG Departments
25-07-2014	Selection of Cadets for NCC	NCC
25-07-2014	Inauguration of Wall Magazine	English Dept.
01-08-2014	Organized invited talk on Career guidance-career banao, Life banao, in coordination with Gillette Guard BigDisha 92.7 RED FM and Tata Docomo	Placement Cell
05-08-2014	Conducted Orientation programme for NSS students, Prof. M.K. Umanath, Principal, GFGC, Channaraypatna was explained the importance of NSS in Colleges	NSS
15-08-2014	Celebrated the Independence day	By All faculties and Students
19-08-2014	Swami and Friends Film show was hosted as a tex based programme	English dept.
08-08-2014 to 05-09-2014	Conducted the Seminar Competition to Students	Electronics
05-09-2014	Conducted Lecture contest for students	Computer Science
20-08-2014	Celebrated the sadbavana Shri. Vinodha Chandra, Assistant Director, Vartha ilaake, explained the unity in diveristy	NSS
27-08-2014	Programme organized on creation of email-Id for students	Placement Cell
August to September	Computer hardware and software training programm for Electronics students	Computer science

05-09-2014	Organized a class on Group Discussion for final year students	Placement Cell
07-09-2014	Lecture on job information and TRG Resource person Shri. G.H. Anantharama, Academic Coordinator, Krushik foundation, Hassan	NCC
06-09-2014	Inauguration of co-curricular activities	By all Departments
20-09-2014	Blood group identification of NSS students	NSS
22-09-2014	Arranged Lecture on Blood group detection, types and donation by Prof. Vasanthi, Dept. Of Zoology	NCC
24-09-2014	Celebration of NSS Founders day	NSS
26-09-2014	Organized blood typing test by zoology students for NSS and NCC students	Zoology dept
29-09-2014	Organized world Heart Day to bring awareness importance of the heart	NCC
02-10-2014	Celebrated Gandhi Jayanthi and participated in College Campus Cleaning	By all Faculties and Students
06-10-2014	Organized student seminar	Mathematics
08-10-2014	Celebrated Valmiki Jayanthi	By all Faculties and Students
10-10-2014	Guest invited talk on Chemical Spectroscopy	Chemistry (UG)
17-10-2014	Programme on Proficiency Development and Placement Services, Dr. Belliyappa, Department of CPDPS, University of Mysore, Mysore was the resource person.	Placement Cell
20-10-2014	Conducted Crossword competition	Electronics
25-10-2014	Campus recruitment by STS international, Bangalore	Placement Cell
30-10-2014	Inauguration of Chem-form activities and Invited talk on Crystallisation and polymorphism by Dr. K. Shridhar Bhat, Proprietor, Schub Laboratories, Bangalore	PG Chemistry
30-10-2014	Release of wall Magazine "Spectrum-vol III" and departmental magazine "chemazine"	PG chemistry
10-11-2014	Special scientific lecture on coordination compounds by Prof. Balakrishna, Professor of chemistry, IIT Bombay	PG Chemistry

1-12-2014	Industrial visit to Jubilant Pharmaceutical industry, Nanjangud, Mysore	PG Chemistry
02-12-2014	Industrial visit to Pasture Institute Ooty	PG Chemistry
12-01-2015	Organized National youth festival Shi. H.S. Prakash, MLA Hassan was the guest	NSS
13-01-2015	Organized Clean Campus awareness Shi. Shivananda, Assistant Director, Youth service department	NSS
15-01-2015	Visit to National Textile corporaton of Indian KMF Hassan	Chemistry (UG)
16-01-2015	Inauguration of Smart class in mobile phones	Computer science
16-01-2015	Invited lecture on “Ancient and Vedic Mathematics and its applications” to B.Sc. and BCA students. Resource person Porf. Vinay Kumar, Asst. Prof of Maths, GFGC Paduvalahippe	Mathematics
26-01-2015	Celebrated Republic day	By all Faculties and Students
26-01-2015	Participated Drill competition held at District stadium, Hassan	NCC
01-02-2015	Zoology students visit to College of Agriculture and GKVK Hassan and Interaction with Experts	Zoology
Feb 2015	“Namma Vichara Nimma Jothe” a programme in AIR Hassan was presented by students	Cultural committee
10-02-2015	Organized science model preparation competition	Zoology
14-02-2015	Conducted Mock Interview for final year students	Placement Cell
14-02-2015	Visit to KMF factory Hassan	Zoology
18-02-2015	Arranged career guidance by inviting resource person, Dr. Nagendra of Scintilla bioresearch work, Bangalore.	Zoology
20-02-2015	Organized a class on facing Competitive Exams, Prof. Parthasarathi and Prof. Sharath Chandra were resource presons	Placement Cell

21-02-2015	Conducted class on resume Writing	Placement Cell
27-02-2015	Organized invited lecture of Dr. Ramesh, General Physician on Modern surgery at 21 st century regarding surgical operation in laparoscopic technique	Zoology
07-03-2015	Best programmer competition to BCA students	Computer Science
09-03-2015	Conducted special training programme by veterinary college, Hassan regarding poultry farm maintenance and various aspects of maintenance of poultry. About 75 students participated	Zoology
10-03-2015	Merchants of Venice and Macbeth plays enacted by students	English dept
11-03-2015	International Womens day celebration, Prof. Rathnavathi P. Assoc. Prof. GFGC Alur was the guest	Cultural committee and womens forum
11-03-2015	Organized bird watching training for zoology students, Dr. Siddaramappa of JSS college was the resource person	Zoology
18-03-2015	Organized University level chemistry quiz competition for UG students	PG chemistry
22-03-2015	Celebrated Ethnic Day	Cultural committee
02-04-2014	Organized special lecture on “Ramanujan’s Theory: A motivation to young researchers” Resource person Prof. Natesh, Asst. Prof. GFGC Holenarasipura	Mathematics
08-04-2015	Special scientific lecture by Prof. Madegowda, Professor adn chairperson Emeritus, Western Illinois University, United States	PG Chemistry
11-04-2015	Valedictory of co curricular activities	All committees
23-04-2015	Celebration of Shakesphere’s Birthday	English Dept.
28-04-2015	Arranged Documentary film on the Famous Mathematicians and their inventions	Mathematics
10-05-2015	Valedictory of chemforum activities	PG Chemistry

Annexure V

Action Plan for the Academic Year 2015-2016

Date	Programmes Scheduled	Department
July 2015	Orientation programme for I sem students	All UG Departments
15-08-2015	Independent day celebration	All departments
August 2015	Inauguration of cultural activities, talent hunt programme	Cultural committee
August 2015	Student seminar competitions	Microbiology
August 2015	Inauguration of Electronic club and arrangement of invited talk	Electronics
Sept. 15	Organization of field trips to water treatment plants, Agriculture research institutions	Microbiology
Sept. 2015	Workshop on Resume/CV/Biodata Preparation	Placement cell
Sept 15	Cross word and logo competition	Electronics
Sept 15	Releasing science newsletter	Science forum
Sept 15	Special Scientific Lecture Programme	PG Chemistry
Sept. 2015	Arrangement lecture on water pollution, Diseases, prevention and measurements	NCC
Sept 15	Recreation of Malgudi	English
Sept. 2015	Social awareness rally to public	NCC
Sept 24, 2015	Celebration of NSS foundation day	NSS
Oct 2, 2015	Celebration of Gandhi Jayanthi and College campus cleaning	By all Faculty members
October 15	Organise training on personality development	Student counselling cell
Oct 2015	Lecture on personality development	NCC
October 15	Inauguration of physical society	Physics
October 15	Exchange programme	English
Nov 2015	Kannada Rajyostva rally and celebration	NCC
Jan 15	Giving information regarding competition exam	Placement cell
26, Jan 2016	Celebration of Republic day	By all faculty

		members
Jan 16	Departmental poster presentation	Microbiology
Jan 16	Mini project competition	Computer Science
Jan 16	Quiz competition and essay competition for electronics students	Electronics
Jan 16	Organise women empowerment programme	Women cell
Jan 16	Organise UGC sponsored national level seminar	Physics
Jan 16	Trekking for NCC students	NCC
Feb 2015	Lecture on teenage problems by Dr. Narayana Prakash	Counselling cell
Feb 2016	Scientific model preparation	Microbiology
Feb 2015	Lecture on Verbal, English communication	Placement Cell
Feb 2016	Arrangement of invited lecture	Biochemistry
Feb 16	Lecture contest for students	Physics
Feb 16	Debate and essay writing competition	English
Feb 2016	Organizing invited talk	Chemistry UG
Feb 16	Conduct science day celebration	Physics
March 16	Theatre activity	English
March 8, 2016	Celebration of world woman's day	Women's forum
March 2016	Arrangement of Educational trip to students	Biochemistry
March 16	Industrial visit	Chemistry UG
Feb 2016	Short film and life history of mathematics	Mathematics
March 16	General legal awareness programme	Student counselling cell
March 16	Conducting University level chemistry quiz competition	PG Chemistry
March 2016	College day programme	
April 2016	Departmental wall magazine	Mathematics