

**GOVERNMENT SCIENCE
COLLEGE,
HASSAN-573 201**

**ANNUAL QUALITY
ASSURANCE REPORT**

2013-14

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	gschassan@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)

2013-14

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

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="text"/>		
University with Potential for Excellence	<input type="text"/>	UGC-CPE	<input type="text"/>
DST Star Scheme	<input type="text"/>	UGC-CE	<input type="text"/>
UGC-Special Assistance Programme	<input type="text"/>	DST	<input type="text"/>
UGC-Innovative PG programmes	<input type="text"/>	Any other (<i>Specify</i>)	<input type="text"/>
UGC-COP Programmes	<input type="text"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="16"/>		
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>		
2.3 No. of students	<input type="text" value="01"/>		
2.4 No. of Management representatives	<input type="text" value="-"/>		
2.5 No. of Alumni	<input type="text" value="-"/>		
2.6 No. of any other stakeholder and community representatives	<input type="text" value="-"/>		
2.7 No. of Employers/ Industrialists	<input type="text" value="-"/>		
2.8 No. of other External Experts	<input type="text" value="01"/>		
2.9 Total No. of members	<input type="text" value="19"/>		
2.10 No. of IQAC meetings held	05		
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="-"/>	Faculty <input type="text" value="05"/>	

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

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
- Electoral awareness campaign was arranged in the Hassan City to encourage Public to participate in General Election.
- Government of Karnataka has initiated a move of popularizing basic science in most backward Taluks of Karnatka by organizing science activities for teachers and students in such areas. Our faculties have participated as resource persons to train High School science teachers under this programme.
- 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.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
Organising orientation programme for I year students	Orientation programme for the UG students was organised on 29 th July 2013. Sri Ravi D Channannavar , Superintendent of Police has participated in the programme and spoke about the education values and student behaviours.
Organising personality Development programme	The programme was held in association with Brahmakumari Eshwariya Vishwavidyalaya on 25 th Sept 2013. Regular programme under Sahayog are being organized.
Programme on Student Counselling	Dr.Narayana Prakash, Professor , SDM Ayurvedic College, Hassan had an interactive session with teachers and student

	representatives on 23-09-2013
Conducting intercollegiate Quiz competition	Department of P.G Studies in Chemistry has conducted University level Chem-Quiz competition for B.Sc students on 10-04-2014.
Conducting entrepreneurship training programme for B.Sc students	Placement cell conducted the programme in association with District Industries Centre, Hassan
Conducting Special lecture programmes for the benefit of students	<ol style="list-style-type: none"> 1.Special talk on fluid dynamics and its application by Prof. Balakrishna, Professor of Mathematics, West Indies University , Trinidad, West Indies. On 05-08-2013. 2. Special lecture on Graph theory and its uses by Dr.Vinay Kumar , GFGC, Paduvalahippe on 13-09-2013. 3. A talk about Sir C.V.Raman by Dr.A.L.Muralidhara on 18-09-2013 4. Talk on “Management of Environmental Pollution in Fertilizer Industries” by Sri. Krishnappa, Deputy General Manager, Mangalore Chemicals and Fertilisers, Mangalore held on 07-11-2013. 5. Talk on nanomaterial precursors in synthesis by Prof.Suresh Kulkarni, Manipal University of Higher Education during February 2014. 6. A special talk on Crystallography was arranged on occasion of International year of cryatallogrphy 7. A Special talk on NMR spectroscopy by Surya Prakarsh of IISc Bangalore on 30-4-2014
Arranging Blood Donation Camps	Blood group check up and blood donation camps have been conducted in association with Red Cross on the occasion of Geneva Convention day on 12-08-2013
Conducting public awareness programmes	1. Electoral awareness programme was conducted in association with district administration during Karnataka Assembly election held in the month of May 2013.
Clean Campus Programme	Gandhi Jayanthi Day was celebrated by cleaning the college campus in which all faculty members and ministerial staff have participated.

** 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	03(Chemistry, Physics, Botany)	NIL	NIL
PG	01	NIL	NIL	NIL
UG	02	NIL	NIL	NIL
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others:Add-on	01(Computer Network simulation)	01(Tissue Culture)		
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	
Annual	

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
	48	26	22	-	

2.2 No. of permanent faculty with Ph.D. 10

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
	1	4		4					1	8

2.4 No. of Guest and Visiting faculty and Temporary faculty

63

-

-

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	04	37	05
Presented	04	07	
Resource Persons			

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

- The use of ICT in class room teaching and INFLIBNET facility is given to students in library.
- Audio visual room is established for P. G teaching.
- Student seminars and group discussions.
- Student projects in P G courses.
- Study tours in some departments.
- Industrial visit

2.7 Total No. of actual teaching days during this academic year 213

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

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop 12

2.10 Average percentage of attendance of students 90%

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.	296	33	125	48		69.5
B.C.A.	37	05	22	09		97.29
M.Sc.	25	04	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.

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	02
HRD programmes	NIL
Orientation programmes	01
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
Others	
1. Participation as resource persons in teacher training programme Taluk level	7
2. CATC ROC -II Training for NCC officer	1

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		0	
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. Many teachers are recognized as research guides from Bharathiar University
4. Interdisciplinary research is undertaken

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		1		1
Outlay in Rs. Lakhs		8.0		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1	2	3	
Outlay in Rs. Lakhs	0.95	2.9	4.9	

3.4 Details on research publications

	International	National	Others
Peer Review Journals	11	12	
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	4.9 Lakhs	2.5 Lakhs
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total				

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	NIL				
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
01	01					

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="11"/>
National level	<input type="text" value="20"/>	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	<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

- Electoral awareness campaign was arranged in the Hassan City to encourage Public to participate in General Election.
- Plastic free campus concept is introduced and implemented.
- Blood donation camp in collaboration with District hospital.

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	0		07
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

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	19532	368142.00	1334	690000.00	33866	1058142.00
Reference Books	13000		-		13000	
e-Books	N-List				N-List	5000.00
Journals	27	37305	27	37305	27	37305
e-Journals	N-List				N-List	5000.00
Digital Database					-	-
CD & Video	15		10		25	
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others Library
Existing	69	35	-	08	-	3	22	01
Added	12	04		02		1	05	-
Total	81	39		10		4	27	01

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

- UGC-Network Resource Centre

4.6 Amount spent on maintenance in lakhs :

i) ICT	5 lakhs
ii) Campus Infrastructure and facilities	5 lakhs
iii) Equipments	10 lakhs
iv) Others	-
Total :	20 lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Scholarship committee constituted to assist students in getting various scholarships
- Conducting Orientation programme on student support services through Academic advisors
- Training & placement assistance.
- Display of Placement brochures through Departmental Notice boards and Placement cell.
- Organizing mock interviews and conducting sample tests.

5.2 Efforts made by the institution for tracking the progression

- 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
1184	49		

(b) No. of students outside the state

NIL

(c) No. of international students

NIL

Men	No	%	Women
	549	44.5	

No	%
684	55.5

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	S T	OB C	Physically Challenge d	Total
73	163	15	931	0	1182	73	170	14	976	0	1233

Demand ratio 520:750

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
- Coaching classes for banking and civil service examinations on 9th July 2013
- 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

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		
01-Wipro	16	06	06		

5.8 Details of gender sensitization programmes

- 1.A programme was conducted in association with Rotary club of Hassan and Karkala by women's anti harassment cell on the theme " My life, My Partner-A premarriage counselling, on 13-03-2014
2. On 21-09-2013 in association with NSS, Women grievances and Women's anti-harassment cell has organised a talk on Personality Development by Eshwareeya Bhrmha kumara Samaja, Hassan

5.9 Students Activities

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

State/ University level National level International

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

Cultural: State/ University level National level International

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution		
Financial support from government	94	440100
Financial support from other sources(Jindal, Spice Board Cochin)	09	24600
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.
- Improvising 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

- No collaborations are made so far.
- However 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.

6.4 Welfare schemes for

Teaching	GPF, KGID, GIS, Loan facility
Non teaching	GPF, KGID, GIS, Loan facility
Students	Scholarship facility to eligible students

6.5 Total corpus fund generated

About 5.0 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.

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
- Initiatives 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

Preparation of departmental action plan at the beginning of academic year and execution of the plan	Action plan is prepared by all the departments and wings like NSS, NCC, Cultural Forum, Science Forum etc. The action plan is executed partially
Submission of conference/seminar/ workshop proposals to funding agencies like UGC, DST etc	The department of Physics has submitted a proposal to UGC for the conduct of National Conference
Getting Autonomous Status	Proposal has been submitted to UGC during the month of October 2013. The institutional budget proposal for Rs. 2.0 Crore has been submitted to Government.
Conducting Special lecture programmes for the benefit of students	<ol style="list-style-type: none"> 1. Special talk on fluid dynamics and its application by Prof. Balakrishna, Professor of Mathematics, West Indies University, Trinidad, West Indies on 05-08-2013. 2. Special lecture on Graph theory and its uses by Dr. Vinay Kumar, GFGC, Paduvalahippe on 13-09-2013. 3. A talk about Sir C.V.Raman by Dr.A.L.Muralidhara on 18-09-2013 4. Talk on “Management of Environmental Pollution in Fertilizer Industries” by Sri. Krishnappa, Deputy General Manager, Mangalore Chemicals and Fertilisers, Mangalore held on 07-11-2013. 5. Talk on nanomaterial precursors in synthesis by Prof.Suresh Kulkarni, Manipal University of Higher Education during February 2014.
Organizing extension activities	<ol style="list-style-type: none"> 1. Blood group check up and blood donation camps have been conducted in association with Red Cross on the occasion of Geneva Convention day on 12-08-2013 2. Blood group check up and blood donation camps

	<p>have been conducted in association with Red Cross on the occasion of Geneva Convention day on 12-08-2013</p> <p>3. Electoral awareness programme was conducted in association with district administration during Karnataka Assembly election held in the month of May 2013.</p>
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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.

7.5 Whether environmental audit was conducted?

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 one day **workshop on NAAC and CAS Rules(PBAS format)**
- **" Swachha Campus Programme"** all through the year.
- Arranging workshop on **Service Rules** for the ministerial staff.
- 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
- To make College campus green

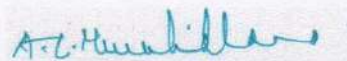
Name: Dr. M. Abdul Rahiman

Name Dr. A. L. Muralidhara



Co-ordinator

Internal Quality Assurance Cell (IQAC)
 Government Science College, IQAC
 Hassan-573 201



Principal

Signature of the Chairperson, IQAC
 Government Science College,
 Hassan-573 201

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
Action Plan for the Academic Year 2013-14

Proposed date	Programmes	Department	Remarks
	Reopening of the College		
17-6-2013- 19-6-2013	3 Days Entrepreneurship Training Programme	Placement cell in association with District Industries Centre	
28-07-2013	Training on Problem solving and Numerical Reasoning	Placement cell	
29-07-2013	Orientation programme for Ist year B.Sc Degree students	All UG Departments	
05-08-2013	Special Lecture Programme	Physics	
12-08-2013	Blood group detection programe in association with Red Cross	N.S.S. and Zoology department	
12-08-2013	Geneva convention Day celebration I association with Red Cross	N.S.S. and Zoology department	
14-08-2013	Cultural Day Inauguration	Cultural forum	
27-08-2013	Orientation course for Ist sem M.Sc. Students	P.G. Chemistry	
29-08-2013	National Sports Day celebration	Physical education	
05-09-2013	Teachers Day Celebration	All Departments	
18-09-2013	Special Lecture Programme	UG Chemistry	
23-09-2013	Counseling Training for Class representative	Counseling cell	
24-09-2013	N.S.S. Founders Day	N.S.S. Unit	
25-09-2013	Personality Development Programme	Cultural forum and Ananya Trust, Hassan	
30-19-2013	Campus Selection	Placement cell	
02-10-2013	Gandhi Jayanthi Celebration	All Departments	
11-10-2013	Education visit to Hassan Institute of Medical	Biotechnology	

	Science, Hassan		
7-11-2013	Chem-Forum(P.G. Chemistry students forum) Inauguration	PG Chemistry	
07-11-2013	Special Scientific Lecture Programme	PG Chemistry	
01-12-2013	AIDS Awareness day	NSS Unit	
28-02-2014	National Science Day Celebration	Science Forum	
28-02-2014	Special Scientific Lecture Programme on account of Science day	PG Chemistry	
01-03-2014	Science Exhibition	Science Forum	
01-03-2014	Invited talk on occasion of International Crystallography	Science Forum	
10-03-2014	Cultural competition	Cultural forum	
26-03-2014	Special Scientific Lecture Programme	PG Chemistry	
26-03-2014	University level Chemistry quiz competition for B.Sc. Students	P.G. Chemistry	
11-04-2014	College day programmes	Cultural forum	
15-04-2014	Special Scientific Lecture Programme	Science Forum	
30-04-2014	Invited talk on NMR Spectroscopy	P.G. Chemistry	

