The Annual Quality Assurance Report (AQAR)

July 2015 to June, 2016

Submitted to

National Assessment & Accreditation Council (NAAC) Bangalore



HANDIQUE GIRLS' COLLEGE Guwahati-781001, Assam INDIA

Annual Quality Annual Assurance Report, 2015-16

The Internal Quality Assurance Cell (IQAC) of the Handique Girls' College, Guwahati has the following members at present:

The Internal Quality Assurance Cell (IQAC) of the Handique Girls' College, Guwahati has the following members at present:

1. Chairperson Dr. Utpal Dutta, Principal, HGC

2. A Few Senior Administrative Officers Indra Kr. Bhattacharyya, (Former-Principal, Cotton College, Guwahati)

Mrs. Nirmali Medhi, Vice-Principal, HGC

3. Three to Eight Teacher Members Dr. Mitali Goswami

Dr. Dhirendra Mohan Kumar

Dr. Juthika Das

Mr. Rajib Kr. Das

• Dr. Bandana Nabis Das

• Dr. Nilakshi Baishya Thakuria

Dr. Sabita Mahanta

Dr. Binoy Nath

4. One Member From The Management Ms. Tillotama Baruah

5. One IQAC expert Dr Indira Bardoloi, Former Principal,

Handique Girls College

5. One/Two Nominees From Local Society,

Students And Alumni

Mrs. Geeta (Former-Principal, Barua,

Handique Girls' College)

6. One/Two Nominees From Employers /

Industrialists /Stakeholders

Sewali Choudhury, (Former-Deputy Director, Reserve Bank of India, NE Circle)

7. One of the Senior Teachers as the

Coordinator/Director of the IQAC

Mr. Madhab Ch. Talukdar

8. Student members : Miss Helena Swargiyari Miss Rimjhim Daimary

The Annual Quality Assurance Report (AQAR) of the IQAC

Handique Girls' College, Guwahati

July 1, 2015 to June 30, 2016

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

	Part - A
1. Details of the Institution	
1.1 Name of the Institution	HANDIQUE GIRLS' COLLEGE
1.2 Address Line 1	VIP ROAD, DIGHALI PUKHURI WEST SIDE
Address Line 2	PANBAZAR
City/Town	GUWAHATI
State	ASSAM
Pin Code	781001
Institution e-mail address:	hgcollege75@gmail.com
Contact Nos.	0361-2543793
Name of the Head of the Institution	on: Dr. Utpal Dutta
Tel. No. with STD Code:	0361-2543793

Mobile:	+91 9401151236
---------	----------------

Name of the IQAC Co-ordinator: Mr. Madhab Ch. Talukdar

Mobile: +91 9706053185

IQAC e-mail address: <u>iqachgcollege@gmail.com</u>

1.3 NAAC Track ID (For ex. MHCOGN 18879)

ASCOGN10580

1.4 NAAC Executive Committee No. & Date:

EC/54/RAR/038 dated 08.01.2011

(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)

1.5 Website address:

www.hgcollege.edu.in

Web-link of the AQAR:

http://www.hgcollege.edu.in/AQAR2015-16.doc

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of	Validity
	-			Accreditation	Period
1	1 st Cycle	B+	78.05	2004	5 years
2	2 nd Cycle	В	2.87	2011	5 years
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC:

21/03/2004

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

2015-16

Accreditation by NAAC	C ((for example AQAR 2010-11submitted to NAAC on 12-10-2011)
ii. AQAR 2011-12iii. AQAR 2012-13iv. AQAR 2013-14	submitted to NAAC on 13.01.2012 submitted to NAAC on 01.12.2014 submitted to NAAC on 01.12.2014 submitted to NAAC on 29.12.2015 submitted to NAAC on 30.12.2018
1.10 Institutional Status	:
University	State Central eemed Private
Affiliated College	Yes No No
Constituent College	Yes No
Autonomous college	of UGC Yes No
Regulatory Agency a (e.g. AICTE, BCI, Mo	^^
Type of Institution	Co-education Men Women
	Urban
Financial Status	Grant-in-aid UGC 2(f) $\sqrt{}$ UGC 12B $\sqrt{}$
	Grant-in-aid + Self Financing √ Totally Self-financing
1.11 Type of Faculty/Pr	ogramme
Arts √	Science \[\sqrt{ Commerce} \] Law \[\] PEI (Phys Edu) \[\]
TEI (Edu)	Engineering Health Science Management
Others (Spec	eify) BCA/ PGDCA (SELF FINANCING)
1.12 Name of the Affilia	ating University (for the Colleges) GAUHATI UNIVERSITY
1.13 Special status confe	erred by Central/ State Government UGC/CSIR/DST/DBT/ICMR etc.
Autonomy by State	/Central Govt. / University

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and

University	with Potential for Excellence			UGC-CPE	-
DST Star S	Scheme	$\sqrt{}$		UGC-CE	
UGC-Spec	cial Assistance Programme	-		DST-FIST	-
UGC-Inno	vative PG programmes	-		Any other (Specify)	DBT Star College Scheme
UGC-COP	Programmes	-			
2. I (2.1	QAC Composition and Activities No. of Teachers	s	:	08	
2.2	No. of Administrative/Techr	nical staff	:	01	
2.3	No. of students		:	02	
2.4	No. of Management represen	ntatives	:	01	
2.5	No. of Alumni		:	01	
2. 6	No. of any other stake community representatives	holder and	:	01	
2.7	No. of Employers/ Industrial	lists	:	01	
2.8	No. of other External Expert	S	:	01	
2.9	Total No. of members		:	16	
2.10	No. of IOAC meetings held		•		

2.11	No. of meetings with var stakeholders	rious :	Faculty	Non-Teaching Staff
			01	
			Students	Alumni
			01	
			Others	
			-	
2.12	Has IQAC received any funding	from	Yes	No
	UGC during the year?			$\sqrt{}$
	If yes, mention the amount		-	
2.13 Seminars and (Conferences (only quality related)			
(i) No. of Sem	ninars/Conferences/ Workshops/Symp	posia organiz	zed by the IQA	.C
Total Nos.	02 International	0 Nati	ional 0	State 01
	Institution Level	01		
(ii) Themes:				
1. Stat	te level Workshop on 'Census Info In	ndia 2011' D	ata Dissemina	ntion was organised by
_	in collaboration with the Economic 7 participants.	Society and l	Directorate of	Census on 08/03/2016
	days camp on Sanskrit speaking was	s organized fr	om 15/02/201	6 to 24/02/2016.

2.14 Significant Activities and contributions made by IQAC

The IQAC works with the different Committees of the College and the IQAC co-ordinator is an ex-officio member of all Committees.

- The IQAC together with the respective Committees guided infrastructure addition.
- It obtained and analysed student feedback on teachers and courses.
- It was engaged in the screening of teachers Academic Performance Index for their promotion under PBAS.
- Documentation of College activities.
- Organized a health check up camp in the college campus on 07.04.2016 in collaboration with International Hospital, Guwahati.

2.15 Plan of Action by IQAC/Outcome

During the session 2015-16, the College proposes to continue with its efforts to create a learning environment that fosters all round development of its students. These initiatives were as follows:

Plan of Action	Achievements
I am of Action	Achievements
To facilitate infrastructure upgradation by identifying priority areas.	Renovation of Chemistry Lab for undergraduate students has been completed. Hostel works e.g. Repairing of Entry porch of College Hostel (Old Block), Construction of drain and supply & fixing of M.S. grill, painting work on newly fitted MS Railing and procurement of ten new iron beds.
	Science lab infrastructure has been strengthened with new acquisitions.
2. To encourage outreach activities	Special village camp at Jabe-Patgaon village, near Rani on 11.05.16 by NSS. The volunteers distributed pencil boxes and colour pencils to all the students (60 students) of the school. The unit also donated a large globe and two large maps of India and Assam to the school. The volunteers gave an orientation of dance to the students and delivered lecture on cleanliness. The volunteers planted saplings in the school campus.
	The Biotech Hub also organized three outreach programmes on 27.11.2015, 26.11.2015 and 30.04.2016.
* Attached the Academic Calendar of the	year as Annexure Annexure I

2.16 Whether th	e AQA	R was placed	in statutory body	Yes	√	No	
Management		Syndicate			Any	other body	

Provide the details of the action taken

$\underline{Criterion-I}$

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	2		2	-
PG	3		3	-
UG	19		1	-
PG Diploma	1	-	1	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	1	-	-	1
Others	-	-	-	1
Total	26	2	7	2

Interdisciplinary	-	-	-	-
Innovative	-		-	-

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

A student enrolled for UG programme compulsorily studies English, MIL (Assamese, Bengali & Hindi) and Environmental Studies.

At the undergraduate level, the College offers Core Courses in eighteen subjects across the sciences and humanities. Students enrolled under an undergraduate program in the College can choose electives from twenty available options.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	19 (UG) + 3(PG) +1(PGDCA)
Trimester	-
Annual	-

1.3 Feedback from stakeholders*	Alumni	Parents	V	Employers		Students	1	
(On all aspects)		_						_
Mode of feedback : O	nline	Manual	√	Co-operating s	school	s (for PEI)		

Annexure II

^{*}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. No
- 1.5 Any new Department/Centre introduced during the year. If yes, give details. No

<u>Criterion – II</u>

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
77	41	36	Nil	-

2.2 No. of permanent faculty with Ph.D.

54

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

Asst.		Associ	ate	Profes	ssors	Other	S	Total	
Profe	ssors	Profess	sors						
R	V	R	V	R	V	R	V	R	V
-	16	-	-	-	-	-	-	-	16

2.4 No. of Guest and Visiting faculty and Temporary faculty

80		
----	--	--

39

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	1	4	0
Presented papers	13	33	0
Resource Persons	-	-	-

- 2.6 Innovative processes adopted by the institution in Teaching and Learning:
 - Adoption of digital presentation tools for classroom teaching
 - College-funded teacher-led student research projects
 - Workshops addressing lab skill development of students
 - Field work and exposure visits.

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

184

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

Examinations are conducted as per the guidelines of the affiliating university. Sessional examinations and home assignments are evaluated in the College, students have access to the marked papers and they can request re evaluation.

2.9	No.	of faculty	members	involved in	curriculum	restructui	ring/revisio	n/syllabus	development	as
men	nber	of Board o	of Study/F	aculty/Currie	culum Deve	lopment	workshop			

18

2.10 Average percentage of attendance of students

93.88

2.11 Course/Programme wise distribution of pass percentage:

	2015-16							
Sl No.	Subjects	Appeared	1st Class	%	2nd Class	%	Total pass	Pass%
1	BA in Assamese	54	25	46	28	52	53	98
2	BA in Bengali	2	1	50	1	50	2	100
3	BA in Education	35	26	74	9	26	35	100
4	BA in English	64	28	44	36	56	64	100
5	BA in History	53	25	47	28	53	53	100
6	BA in Home Science	26	24	90	2	8	26	100
7	BA in Philosophy	46	19	41	26	57	45	98
8	BA in Political Science	53	33	62	20	38	53	100
9	BA in Sanskrit	12	7	58	5	42	12	100
10	BA in Economics	61	48	79	13	21	61	100
11	B.Sc. In Botany	27	27	100	-	-	27	100
12	B.Sc. In Chemistry	29	28	97	1	3	29	100
13	B.Sc. In Mathematics	9	3	33	4	44	7	78
14	B.Sc. In Physics	37	26	70	6	16	32	89
15	Statistics	4	3	75	1	25	4	100

16	B.Sc. In Zoology	22	22	100	-	-	22	100
17	B.Sc. In Economics	3	3	100	-	-	3	100
18	B.Sc. In Home Science	5	5	100	-	-	5	100
19	M.A. in Assamese	20	4	20	15	75	19	95
20	M.Sc. In Botany	8	7	88	1	13	8	100
21	M.Sc. In Zoology	14	8	57	5	36	13	93
22	BCA	9	9	100	0	-	9	100
23	PGDCA	9	5	56	3	33	8	89

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

The IQAC has taken the following steps:

- Preparation of the Academic Calendar.
- Lesson Planning
- Proper Evaluation and analysis of Students Feedback.
- Promotion of mentoring of students
- Support for student counselling.

2.13 Initiatives undertaken towards faculty development

Faculty/ Staff Development Programmes	Number of Faculty Benefited
Refresher courses	06
UGC – Faculty Improvement Programme	
HRD programmes	
Orientation programmes	01
Faculty exchange programme	
Staff training conducted by the university	
Staff training conducted by other institutions	01
Summer / Winter schools, Workshops, etc	31
Others	6 (Lab. Bearer)

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employee	Number of Vacant Position	Number of permanent positions filled during the year	Number of positions filled temporarily
Administrative Staff	22	10	0	30
Technical Staff	0	01	0	0

Criterion - III

3. Research, Consultancy and Extension

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

The IQAC works with teaching departments and other units of the College:

- The Institutional Biotech Hub of the college organized capacity building workshops and supported student research projects.
- An interactive Lecture on 'Project Formulation-Steps Involved in Project Writing' was delivered by Dr Rupa Das Borbora, Former Head of Education, Cotton College on 01.03.2016.
- The Department of Physics conducted one day workshop for students on 12/05/2016 on "Identification of electronic components and soldering" sponsored under DBT, Star College Scheme.
- A lecture programme was organized with funds from the DBT Star College Scheme on 09/11/2016 in the Department of Chemistry. Resource person: Prof. Arun Chattopadhyay, Department of Chemistry, IIT Guwahati and Topic: Transforming Science to Technology at Nanoscale.
- Raktima Kalita, Richa Narzary, Pallabi Bhattacharyya attended, "Summer School on Astronomy and Astrophysics" in Cotton College from June 21st to July 21st, 2016.
- Richa Narzary, Fermin Sultana visited Planetarium to learn the operation of telescope and studied sunspots in the month of June, 2016.
- Panchali Borthakur was selected and is attending "Science Academies' Summer Research Fellowship Programme for Students and Teachers 2016" promoted by University Grant Commission at Indian Academy of Science, Bangalore.
- A scientific talk on "Basic Scientific Reasoning and Biological techniques emphasizing protein electrophoresis" was delivered by Dr. Hiranmay Sharma, Asst. Prof., D.N. Govt. College, Itanagar, Arunachal Pradesh on 5th March, 2016.

 Hands on training of "Separation and Isolation of protein from animal tissue samples and SDS-PAGE under Star College Scheme was conducted by Dr.Hiranmay Sharma, Asst. Prof., D. N. College, Itanagar, Arunachal Pradesh from 2nd May, 2016 to 4th May, 2016.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number		2	2	-
		86.01	4.36	26.37
Outlay in Rs.				
Lakhs		114.78	8.98	7.28

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	2	2	
Outlay in Rs. Lakhs	-	2.3	1.9	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	27	3	-
Non-Peer Review Journals	28	2	-
e-Journals	13	-	-
Conference proceedings	-	-	-

3.5	Details	on Im	ipact :	factor	of pu	ıbli	cations	S

Range	0.0723-6.723	Average	3.0764	h -index	-	i-index	-	

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

Duration	Name of the	Total grant	Received
Years	funding Agency	sanctioned (LAKH)	(LAKH)
3	DBT	114.68	6.30
3	DBT	86.13	9.71
1	UGC	1,30,000/-	90,000.00
-	-	-	-
7	College management	70,000.00	70,000.00
	Years 3 -	Years funding Agency 3 DBT 1 UGC	Years funding Agency sanctioned (LAKH) 3 DBT 114.68 3 DBT 86.13 1 UGC 1,30,000/- - - - 7 College 70,000.00

3.7 No. of books published 4		
i) With ISBN No. 03	Chapters in Edited Books 15	
ii) Without ISBN No.		

3.8 No. of University Departments receiving funds from										
Ţ	UGC-SAP	CA	S	DST-F	IST					
DPE DBT Scheme/funds										
3.9 For	3.9 For colleges Autonomy CPE 6 DBT Star Scheme 5									
	INSPIRE CE Any Other (specify)									
3.10 Re	venue gene	erated through o	consultancy	Nil						
3.11 No	o. of confe	rences organiz	zed by the Inst	itution						
	evel	International	National	State		University	College			
Nu	ımber	_	_		-	_	_			
	oonsoring gency	-	_		_	_	_			
3.13 No	o. of collabo	orations: Internets created during	4 aational	Nationa		y other				
		for research for	- · L	0 n lakhs:						
Fron	n Funding	agency 16.91	From	Manager	ment of University	y/College	1.2 lacs			
		Total 18.11								
3.16 No	o. of patent	ts received this	year							
	Town of 1	Dotomto			Name le ou					
Type of Patents Number National Applied -										
	National Applied - Granted -									
	Internation	onal	Applied		<u>-</u>					
	momati	71141	Granted		-					
	Commerc	cialized	Applied		<u>-</u> -					
			Granted		-					

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

Total	International	National	State	University	Dist	College
		1	1		-	-

			1	1		ı	-	
3.18 N	o. of fact	ulty from the	Institution wh	o are Ph.D	O. Guides	08		
and	students	registered ur	nder them	13				
3.19 N	o. of Ph.	D. awarded b	y faculty from	the Institu	ution 0			
3.20 N	lo. of Res	search schola	rs receiving the	e Fellowsł	nips (Newly e	nrolled +	existing one	es)
	JRF	02	SRF 01	Proje	ct Fellows	A	any other	
3.21 N	o. of stud	dents Particip	ated in NSS ev	vents:				
	Univers	sity level	State le	vel 60				
	Nationa	al level	Internat	tional leve	1			
3.22 N	o. of stud	dents particip	ated in NCC e	vents:				
	Univers	sity level	S	tate level	158			
3 23 N	National	al level c	1	tional leve	1			
J.25 1		sity level	135 .	State lev	vo1			
	Onivers	sity level		State lev				
	Nation	al level	Intern	ational lev	rel			
3.24 N	o. of Aw	ards won in l	NCC:					
Į	Jniversity	y level	State leve	1				
N	National l	evel 1	Internation	nal level				
3.25 N	o. of Ext	ension activit	ies organized					
	Unive	rsity forum	- Co	ollege foru	m 6			
	NCC	04	NSS	06	Any other		-	

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

On 16th December 2015, 10 NSS volunteers of the college with ethnic seven sister dress took part in a programme organised by Vyakti Vikas Kendra India-North East Apex Body which was attended by Sri Ravi Shankarji.

On 29th January, 2016 eight NSS volunteers attended the Youth Conclave organised by Nehru Yuva Kendra Sangathan in collaboration with National Service Scheme at the sports complex of Gauhati University. The theme of the Conclave was Skilled Youth-Empowered Assam.

NSS unit of the Handique Girls' College organized a Group Discussion competition among the students of the college on 05-04-2016 on some of the burning topics of present day social responsibility viz. Development Versus Environment, Tolerance Vs. Intolerance, Digital India, Ethnic Problems of Assam, Smart City and Smart Village, Sexual harassment etc.

On 11.05.16 the NSS Unit organised a special village camp at Jabe-Patgaon village, near Rani. The volunteers led by Programme Officer visited the Jabe-Patgaon L.P. School. The volunteers organised drawing competitions, reciting competition

On 4th June, 2016 on the occasion of World Environment Day, 5th June, the NSS Unit and Environmental Audit Cell of Handique Girls' College in association with Seva, Guwahati based NGO organised a plantation programme in the college and hostel campuses

Department of Botany participated in an outreach students program for school students sponsored by DBT star college scheme and Science Society, Handique Girls' College and demonstrated different experiments on plant physiology, anatomy etc. along with a presentation of Plant Kingdom, Biodiversity and Plant Tissue Culture.

Students were taken to the following Institutes/Organizations:

Ashadeep- an Institute for Mentally Challenged Children at Zoo Road on 6th April 2016.

Childline- an organization for protection of Child rights on 8th April 2016 at B. Baruah Road.

SOS Village at New Airport Rd, Borjhar, Assam Sishu Kalyan Sadan and State Home for Destitute Women and Children at Sundarbori, Jalukbari on 12th May 2016

Out—reach programme under DBT, Star College Scheme was arranged by the Department of Physics for Class IX, X level students of Bangshar Higher Secondary School on 08/06/2016.

The faculty members of the Department of Chemistry demonstrated Chemistry experiments and Chemistry Magic show at the Ishan Vikas programme, held at IIT – Guwahati on 06 – 17 December 2015, sponsored by the Ministry of Human Resource Development, Govt of India.

$\underline{Criterion-IV}$

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	Academic:			8159.37
	5775.35 sq.m.			sq. m.
	Hostel:			
	2384.015 sq.m.			
Class rooms	41	0		41
Laboratories	14	1	Govt. of Assam	15
Seminar Halls	1	0	Govt. of Assam	1
No. of important	8	5	UGC CPE , UGC	13
equipments purchased			GD	
$(\geq 1-0 \text{ lakh})$ during the				
current year.				
Value of the	83.81	34.16	DBT, CPE, UGC,	117.97
equipment purchased				
during the year (Rs. in				
Lakhs)				
Others	-	-	-	-

4.2 Computerization of administration and library

- Admission computerization: Computerization of the admission process completed
- Student Registration: Records of student's registration is also computerized.
- Computerized employee's salary: The salary records of all the employees have been computerized.
- College office has been provided with ten numbers of computers in a LAN to keep records of Accounts, fees collection and all correspondence.
- Automated library circulation and access with the Library Management Software SOUL 2.0.
 One no. of Server and six nos. of clients are installed. Two nos. of client s are dedicated for OPAC.
- Circulation with Barcode Technology is introduced.
- Library has given access to N-LIST service of UGC INFLIBNET to its users
- Process of the building Institutional Repository cum Digital Library is going on.
- Library facilities have been improved with DVR of CCTV system is upgraded and two numbers of IP bullet cameras and eight numbers of HD dome camera is added. Further two numbers of HP All-in One computer for OPAC, four numbers of barcode scanner,4 nos. of 1KVA UPS and Antivirus software.
- Library has added with 792 text books 489 reference books, twelve numbers of CD/DVDs.

- Computerization of the examination records has been done.
- There is a Central Computer Centre with 30 computers where teachers, students, non-teaching staff are allowed to access computer facilities with internet.

4.3 Library services:

	Existing		Newly ac	dded	Total	
	No.	Value	No.	Value	No.	Value
Text Books	45055	-	792	725895.00	45847	-
Reference Books	3299	-	489	-	3788	-
e-Books	3135000+	-	-	-	3135000+	-
Journals	19		-	-	19	47532.00
e-Journals			6000+		6000+	-
Digital Database	65*	-	-	-	65*	-
CD & Video	180	-	12	-	192	-
Others (specify)	-	-		-	-	-

^{*} in terms of number of documents.

4.4 Technology up gradation (overall)

	Total Compute rs	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart ments	Others
Existing	101	30	Yes	-	30	8	21	12
Added	46	22		-	20 replacement	2	-	2
Total	147	52	Yes	-	50	10	21	14

- 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)
 - Digitisation of the admission process.
 - Digitisation of the student's registration was done.
 - The salary records of all the employees were digitized
 - College office has been provided with ten numbers of computers all under LAN to keep records of Accounts, fees collection and all correspondence.
 - Automated library circulation and access with the Library Management Software SOUL 2.0., one number of Server and six numbers of clients are installed. Circulation with Barcode Technology.

4.6 Amount spent on maintenance in lakhs:

i) ICT

.28

ii) Campus Infrastructure and facilities

15.89

iii) Equipments

iv) Others

.71

Total:

16.88

$\underline{Criterion-V}$

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC has taken initiative for facilitating the following:

- Regular counselling sessions for students by Ms Nimi Borgohain, Senior Clinical Psychologist of GNRC hospitals. This included pre-examination counselling.
- Information about Student Aid Fund.
- 5.2 Efforts made by the institution for tracking the progression

Teaching departments keep records of student's progression.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2232	85	1	13

(b) No. of students outside the state

54

(c) No. of international students

Nil

Men

No	%

Woman

No	%

									This	Year		
Las	st Year											
	General	SC	ST	OBC	Physically	Total	General	SC	ST	OBC	Physically	Total
					Challenged						Challenged	
U	1224	173	335	463	25	2220	1213	184	353	462	20	2232
G												
P	38	9	7	8	0	62	47	13	13	12	0	85
G												

P G D C A	5	2	1	4	0	12	12	0	0	1	0	13
	D	emand	ratio (\	UG)	3.7: 1	D	Propout%					
	D	emand	ratio (F	PG)	6.3: 1	D	ropout%					
Demand ratio (PGDCA 2.2: 1 Dropout%												
	D	emand	ratio (E	BCA)	1.7: 1	D	ropout%					
5.4 Details of student support mechanism for coaching for competitive examinations (If any)												
• A student development program on the topic of "Student Development Activity for 6 th semester students preparing for Management Examinations" held in collaboration with ICFAI Business School												
	A talk was on the topic of 'Present Job Trend' delivered by Pranjit Goswami from SAGAVISION: Academy of Skill Development											
	• Lectur	re on "	How to	prepare	for Competi	tive Exa				Sri Aru	ıp Barman fro	m
	 A tall Gener 	on 2′ al Man	7 th Aug ager of	gust 201	d Purabi Bora	on gene	ral awaren	ess of	f peopl		ore Pariyar tled their valuab	

No. of students beneficiaries

5.5 No. of students qualified in these examinations

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

259

5.6 Details of student counselling and career guidance

The students counselling cell hold counseling programmes as follows:

- Pre-examination counseling was held on 4/11/15. 27 students came with various problems relating examination.
- On 24/11/15 another counselling session was held with 13 students.
- One talk was arranged on "Mental Health of College Students". Nimi Borgohain spoke on the topic and 134 students from various departments were attended the talk.
- One to one counselling was held on 20/02/16. 15 students attended the session.
- 19 students were present in the one to one counselling on 27/02/16.

- Students attended the one to one counselling on 03/03/16.
- A student development program on the topic of "Student Development Activity for 6th semester students preparing for Management Examinations"
- Talk on Effective Stress Management and Coping by Sabiha A. Choudhury Neelam Borah of Don Bosco University on 13/03/2015.

No. of students benefitted 272

5.7 Details of campus placement

Details of earlipt	etails of campus pracement						
On the campus		the campus	Off the Campus				
Number of organization visited	Number of students participated	Number of students placed	Number of students placed				
WIPRO	26	4	 a) Neha Baruah, BCA 6th semester Deptt. of Computer Science b) Inderjeet Kaur Kensare, BCA 6th semester Deptt. of Computer Science c) L. Worchuirin, BCA 6th semester Deptt. of Computer Science d) Seema Rekha Baruah, BCA 6th semester Deptt. of Computer Science 				

5.8 Details of gender sensitization programmes

- The National Girl Child Day was celebrated on 23rd January, 2016 and a prize money poster-making competition was held for the students of our college.
- The two-week Certificate Course of the Women's Studies Cell was held from 22nd February 2016 to 5th March 2016. The Course covered topics on Empowerment of Women, Women and Health, Communication Skills, LGBT, Personality Development, Facing Interviews, Self-Defence etc.
- Women's Day was observed by the Women's Studies Cell in collaboration with the NCC unit of our college on 8th March, 2016. Jayashree Das Verma of FICCI, FLO spoke on the topic "The All New Super Woman", which was followed by a Quiz Competition. Later the movie "Water" by Deepa Mehta was screened for both students and the faculty.

J.7	Students	Acuviuc	7

5.9.1	No. of students participa	ted in Sp	orts, Games and	other ev	rents	
	State/ University level		National level	7	International level	
N	Io. of students participated	l in cultu	ral events			
	State/ University level	18	National level		International level	

5.9.2 No. of medals /awards won by students in Spo	orts, Games and other event		
Sports: State/ University level 2 National le	evel 2 Internation	al level	
Cultural: State/ University level 20 National 1	evel 2 Internation	nal level	
5.10 Scholarships and Financial Support			
	Number of students	Amount	
Financial support from institution Student aid fund	37	1,46,000.00	
Financial support from government	275	10,50,459.00	
Financial support from other sources UGC Ishan Uday, OIL Merit	94+1	-	
Number of students who received International/ National recognition	One (Panchali Borthakur).	-	
5.11 Student organised / initiatives			
Fairs: State/ University level National le	vel International	level -	
Exhibition: State/ University level National level	vel _ International l	level -	
5.12 No. of social initiatives undertaken by the students	10		

5.13 Major grievances of students (if any) redressed:

- Furniture has been replaced with new ones in the Arts Block and repair works in the Science Block is in progress.
- Care has been taken to keep the washrooms/ toilets clean and the workers have been given the necessary instructions to be present shift-wise in order to maintain cleanliness and hygiene.
- Providing adequate number of fans and repairing of damaged electrical equipments..
- Provided adequate number of dustbins in the college campus and buckets and mugs in the toilets.
- Whiteboards, Green-boards have been installed in several classrooms; black-boards have been replaced.
- Central Computer centre has been upgraded for research work and twenty Nos. of new PC with Linux OS.,

Criterion - VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

The vision and mission statements of the College are given below:

- To contribute towards the creation of a tolerant, equitable, enlightened and humane society.
- Mission: Enrichment of society through a holistic education for women.

6.2 Does the Institution has a management information system

The college has installed the software- Academy DCL to keep record of students' enrollment registrations, examinations etc. Tally is being implemented for accounts.

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

6.3.1. Curriculum Development

• The Institution follows the curriculum prescribed by its affiliating University

6.3.2. Teaching and Learning:

- Faculty members of each department prepare lesson plans.
- Evaluation of Student Feedback on course and teachers
- Use of multimedia tools and ICT
- Installation such as SPSS, Graph Pad Prism and Gaussian Software
- Field visit, Seminar, inter-disciplinary classes are arranged
- Access to online and offline library resources.

6.3.3. Examination and Evaluation:

Examination and Evaluation schedules are notified in the academic calendar. Sessional examinations are held departmentally. Students are engaged in home assignments, field activity; subject related projects and seminar presentations are given to the students to measure their ability.

6.3.4. Research and Development:

The college research committee is a eight members committee headed by Principal and with 3 student members. The committee periodically invites proposals for Teacher led student research projecst from various departments of the college and after proper review by experts, the projects are sanctioned. The committee also arranges presentation of the projects completed under teacher led student research scheme in the college forum and also for presentation in the seminar held outside. Use of College infrastructure for research is encouraged.

6.3.5 Library, ICT and physical infrastructure / instrumentation:

Library

- Library is automated with the Library Management Software SOUL 2.0
- N-LIST access.
- New Initiative: CCTV is installed.
- Process of the building Institutional Repository cum Digital Library is going on.

ICT

- The Department of Higher Education, Govt. Of Assam has set up a computer lab for ICT Classroom at Handique Girls' College under ICT, College Project with following components.
 - 1 (One) No. of Lenovo Server
 - 20 (Twenty) Nos. of Desktop Computer (Make: Acer, Dual Core Processor, 2GB RAM, 500 GB HDD)
 - 1(One) No. of 2TB Storage
 - 1(One) No. of HP flat bed scanner.
 - 1 (One) No HP 5L Laser Jet Printer
 - 1 (One) No. of 9 KVA UPS
 - 1 (One) No. of 15 KVA Generator
- Teaching Departments in the College have been provided with computers and access to LCD projectors.

Instrumentation: Some of the equipment added are

- Buchi Rotavapor
- Fume Hood
- Imaging microscopes
- 70 MHz Digital Storage Oscilloscopes
- Electrophoresis apparatus

6.3.6 Human Resource Management

- To ensure that the teaching learning process is unaffected, faculty proceeding on study leave, are replaced by substitute teachers appointed by the Management, or appointed against lien vacancies with due approval from the Government. The Management also appoints replacements for teachers who proceed on maternity leave or long leave on medical grounds.
- Two day skill development workshop for faculties in collaboration with Indian Skills Academy was held on the 19th and 20th of January, 2016.
- The institution also arranges various workshops, seminars, talks, skill development programme under faculty development cell.
- The college grants permission to faculty member to avail Faculty development programme of UGC.

6.3.7 Faculty and Staff recruitment

- The college is a provincialised college and the recruitment of the teaching faculty is governed by the rules framed by the Higher Education Department of the Govt. of Assam based on UGC guidelines.
- Candidates are selected through a process of interview by a Selection Committee constituted in conformity with the guidelines provided by the Government.

6.3.8 Industry Interaction / Collaboration:

6.3.9 Admission of Students

- The college seeks to ensure transparency in its admission process.
- The admission procedure and the criteria are reflected in the College prospectus.
- The admission is notified in the College Website, Notice Board and published in daily Newspapers.
- The admission committee prepares the Merit List of the applicants, which is published in notice board before the admission.
- The college admits students on merit basis maintaining the statutory reservations for SC, ST, OBC and other categories

6.4 Welfare schemes for

Teaching	• The welfare schemes available are in the form of Earned leave, Child care Leave, bank sanctioned house building loan, car loan, education loan. Facilitation of faculty participation in programmes for professional development, organized by the College and also other agencies, through grant of leave and providing financial incentives. The faculty development cell of the college takes active initiative and organizes various activities for improvement of the teaching faculty such as "Behavioral Management and Communication Skills", soft skills and personality development, Technology Integration in Science Teaching at College, Restructuring Undergraduate Curriculum, "Future Directions for Women's Education in Assam" etc. Organization of Health Awareness programmes
Non- teaching	 Special assistance for non-teaching staff. There is a provision of jobs to family members of non-teaching staff on compassionate grounds.
Students	 The College's Students' Aid Fund provides financial assistance to needy and economically weaker students. Counselling services for students. Students also avail of various state and central govt. scholarships, such as National Merit, State Merit, UGC Ishan Uday Scholarship, Physically handicapped, Hindi scholarships for students of non-Hindi origin, Cultural, Talent Search, Sports and SC/ST/OBC/MOBC scholarships, Students' participation in various competitions is facilitated. Sports activities are facilitated.

6.5 Total corpus fund generated	602.4 lakhs			
6.6 Whether annual financial audit	has been done	Yes √	No	

The college has both internal and external audit mechanism:

a) Internal audit: The College does internal audit every year. For internal audit one retired person from the local Audit; Govt. of Assam has been appointed by the management who looks after and

- prepares audit report. Internal audit report for the year 2010-11, 2011-12, 2012-13, 2013-14, and 2014-15 has been prepared.
- b) External Audit: The external audit has been done by the Local audit office, govt. of Assam and the external audit has been done for the year 2010-13 for which the audit report has been received by the college and 2013-14 for which the report is yet to be received.

6.7 Whether Academic and Administrative Audit ((AAA) have been done? No
---	--------------------------

6.8 Does the University/Autonomous College de	clare resul	ts with	in 30	days?
For UG Programmes	Yes		No	V

For PG Programmes	Yes	No √	_
-------------------	-----	------	---

- 6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?
 - The University has introduced Semester System from 2012.
 - The results are declared on the basis of credit and grading system (CGPA)
- 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

None

6.11 Activities and support from the Alumni Association

- Ms Senehi Begum, former Principal and HOD, Dept. Of History an alumna of the college sponsored a award in the name Mohiuddin Ahmed Memorial cash Prize of Rs. 1001/- to the student securing the highest marks in Major subject in the faculty of Arts, every year
- Dr. Manjumala Das, former HOD, Dept of Assamese and alumna sponsored an award in the name, Sailadhar Rajkhowa Memorial Cash Prize of Rs. 1000/- to the student securing highest marks in a Major subject in the faculty of Arts every year.
- Ms Parbati Barua Internationally acclaimed environmentalist and elephant catcher gave a lecture on the topic "Environmentalist and elephant catcher" on 16-09-15
- An alumnus, Ms. Hiyamoni Das gave a lecture on Electronics on August, 2015.
- Dr. Rumi Choudhury ex student delivered a talk on the topic 'Translation and its technique 'on May, 2015
- Miss Sangita Saud, an ex-student of the History department of Handique Girls' College who passed out from the college in 2011 delivered a talk on "Women Empowerment, self-independence of woman" on 24.02.16 to the sixth semester students. She is now working as Executive member of Shyamkanu Samajik Kalynakami Anusthan, a Guwahati based NGO.

6.12 Activities and support from the Parent – Teacher Association

- The College elicits guardians' views on the implementation of its academic programmes through the guardian meets that are held by each teaching department.
- The College includes members from among the guardians in the Governing Body of the College.

- 6.13 Development programmes for support staff
- 6.14 Initiatives taken by the institution to make the campus eco-friendly:
 - Waste bins have been installed.
 - Biodegradable solid waste management through vermicomposting has been promoted.
 - Awareness generation campaign among students and stakeholders are regularly held to make them aware on energy conservation.
 - A canteen with a built up area of 143 sq. mt. has been constructed using bamboo as the major construction material.

<u>Criterion – VII</u>

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.
 - Initiation of an Institutional Repository which will be helpful in faculty and the students to gain knowledge.
 - During the period seven numbers of teacher led students project were sanctioned. and carried out with grant sanction from the college.
 - Digital library and a Digital Class room have been initiated
- 7.2 Provide the Action Taken Report (ATR) based on the plan of the action decided upon at the beginning of the year:

During 2015-16, the College achieved the following:

Infrastructure addition:

- Upgrading of DVR of CCTV system in the Library and installation of 2 nos. of IP bullet camera and 8 nos. of HD dome camera. Further two HP computers for OPAC, four Barcode scanners and four 1KVA UPS were installed.
- Renovation Work for the Digital Classroom and Seminar hall, as also work on renovation of classrooms is ongoing.
- Undergraduate lab in the Department of Chemistry has been renovated.
- New classroom furniture has been procured.
- Hostel rooms have been provided with new furniture.

Library acquisitions:

- 792 text books, 489 reference books and twelve numbers of CD/DV have been added to the College library collection.
- 7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

7.4 Contribution to environmental awareness / protection

- On 4th June, 2016 on the occasion of World Environment Day, 5th June, the NSS Unit and Environmental Audit Cell of Handique Girls' College in association with Seva, Guwahati based NGO organised a plantation programme in the college and hostel campuses. The volunteers and other students including the teachers planted saplings of Radha Suda, Amlakhi, Jamu, Madhuriam etc.
- Initiatives have been taken to reduce the use of plastic and paper but its success needs to be ascertained.
- Energy conservation measures taken only by replacing the fluorescent tube by CFL bulb and students are sensitized to the need for conserving energy.
- Biodegradable solid waste management has been taken up by the college for its economic use through Vermicomposting.

7.5 Whether environmental audit was conducted?	Yes	No	٧
--	-----	----	---

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

G1	
Strength	• The college is a pioneer institute of women education in North eastern states.
	• The college derives it strength from its single gender character empowering the women.
	 The College caters to women's education from the +2 stage to the postgraduate stage (presently being offered by four teaching department's viz. Assamese, Botany, Zoology, Chemistry with proposal for Physics and Economics.). Healthy and cordial teacher- student relationship. The college achieved DBT advanced level Biotech Hub and funding under DBT Star college Scheme. Regular Counselling of students is available. Academic help is available from eminent teachers of Gauhati University & other
	institutions.
	 Teachers are actively involved in different matters of the College.
	• The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions
	 Biotech Hub of the college provides a good platform for various research activities.
Weakness	• Space constraint: scarcity of land with 1.93 acre of land makes the college with no expansion. There is always shortfall in classrooms besides space for sports and other curricular activities to its earmark.
	 Shortage of faculty in the college for which college has to appoint part time teachers leading to mismatch in the budget for other developmental activities.
	 Accommodate the large nos. of students in the 44 nos. of class room for their classes.
Opportunities	 With the single gender identity the college is privileged to have advantages of becoming a platform for various organizations /institutions to implement their schemes/agendas. This has enabled the students and faculties as well to get exposure to different societal activities.
	 As women's college, it has a great deal of worth and is an extremely important space for empowering women.

	Students from North East, enjoy special scholarship to pursue higher education	
	(e.g. Ishan Uday)	
	 Scope for pursuing higher studies in and outside the State. 	
	With sophisticated instrument available in the college which creates an research	
	environment for the students.	
	Students can learn about the modern analytical techniques thereby making them	
	more equipped for future research activity.	
Challenges	Achievement of academic excellence.	
	• Implementation of digital learning with expert faculty members is another	
	challenge.	
	 Creating employment opportunities for the diverse students. 	

8. Plans of institution for next year

During the session 2016-2017, the College proposes to

- Take forward the works of infrastructure development.
- Support workshops for students.
- Undertake faculty development initiatives
- Explore the possibility of introducing more Postgraduate courses.
- Improve the available library services by focusing on computerization of library functions, new acquisitions, and enhancing access with Wi-Fi installation.

- Promote Sports Activities.
- Undertake outreach activities

Name -Mr. Madhab Chandra Talukdar

Madhab Ch. Jakukdar

Signature of the Coordinator, IQAC

Name -Dr. Utpal Dutta

Signature of the Chairperson, IQAC

Principal Handique Girls' College Guwahati-781001

Annexure-I:



Annexure-II:

FEED BACK ANALYSIS FOR THE SESSION 2015-16

The average scores (out of 4 point scale) of the teachers of the college of all the parameters for which feedback was sought is 3.4 out of 4. This score falls in the top 15% from highest score/point.

It is observed that the highest score, which is 3.6, corresponds to the parameter no. 1 (i.e. Knowledge base of the teachers). This score falls in the top 10% from the highest score/point. Thus as per the students perception, the knowledge base of the teachers in this college can be regarded as carrying the degree of strength lying within the top 10%.

It is also observed that the lowest score, which is 3.2, correspondents to the parameter no. 8 (i.e. Ability to design Quizzes/Tests/Assignments/Examinations and Projects to evaluate students understanding of the course). This score falls in the top 20% from the highest.

In this connection it is to be noted that the parameter no. 9 (i.e. Provision of sufficient time of feedback) which scored the lowest in the earlier two sessions corresponds to a score of 3.3 in this session. This score falls in the top 17.5% from the highest. This means, the dissatisfaction level of the students so far as the provision of time of feedback is concerned is 17.5% which in other words means that the satisfaction level of them in this case is 82.5%.

It is to be highlighted that the overall scores of the departments of Bengali and Microbiology are 4 out of 4, which is the highest possible score.