

SIR GURUDAS MAHAVIDYALAY

33/6/1, B. B. Ghosh Sarani, Muraripukur, Ultadanga, Kolkata - 700 067



Annual Quality Assurance Report (AQAR) 2016-17

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

I. Details of the Institution

1.1 Name of the Institution	SIR GURUDAS MAHAVIDYALAYA		
1.2 Address Line 1	33/6/1, BIPLABI BARIN GHOSH SARANI		
Address Line 2	MURARIPUKUR, ULTADANGA		
City/Town	KOLKATA		
State	WEST BENGAL		
Pin Code	700067		
Institution e-mail address	www.sirgurudasmahavidyalaya.com		
Contact Nos.	(033) 2356-1998		
Name of the Head of the Institution	Dr Manishankar Roy		
Tel. No. with STD Code:	(033) 2356-1998		
Mobile:	+91-98300 30570		

Name of the IQAC Co-ordinator:	Dr Ratna Lodh
Mobile:	+91-94335 59700
IQAC e-mail address:	iqacsgm@gmail.com
1.3 NAAC Track ID (For ex. MHCO	OGN 18879) WBCOGN25819
1.4 NAAC Executive Committee No. (For Example EC/32/A&A/143 da This EC no. is available in the rig of your institution's Accreditation	nted 3-5-2004. NAAC/WH/Cert-A&A/EC/(18 th htt corner- bottom SC)/74.1/2016

1.5 Website address:

http://www.sirgurudasmahavidyalaya.com/wp-

Web-link of the AQAR: <u>content/uploads/2018/06/AQAR.pdf</u>

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

1.6 Accreditation Details

Sl. No. Cycle		Grade	CGPA	Year of	Validity
51. 140.	to. Cycle Grade		COLA	Accreditation	Period
1	1st Cycle	В	2.25	2016	2021
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC:	DD/MM/YYYY	28.01.2013
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1.8 AQAR for the year (for example 2010-11)

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and	1
Accreditation by NAAC ((for example AQAR 2010-11submitted to NAAC on 12-10-2011)	
i. AQAR(DD/MM/YYYY)	
ii. AQAR(DD/MM/YYYY)	
iii. AQAR(DD/MM/YYYY)	
iv. AQAR(DD/MM/YYYY)	
*Not applicable since this is the first AQAR of our first cycle of NAAC	
1.10 Institutional Status	
University State Central Deemed Private	
Affiliated College Yes V No	
Constituent College Yes No $\sqrt{}$	
Autonomous college of UGC Yes No V	
Regulatory Agency approved Institution Yes No	
(eg. AICTE, BCI, MCI, PCI, NCI)	
Type of Institution Co-education Men Women	
Urban V 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 V Science V Commerce V Law PEI (Phys Edu)	
TEI (Edu) Engineering Health Science Management	
Others (Specify) . Nil	

1.12 Name of the Affiliating University (for the Co	olleges)	UNIVERSITY OF CAL	CUTTA			
1.13 Special status conferred by Central/ State Gov	vernment	UGC/CSIR/DST/DB7	Γ/ICMR etc			
Autonomy by State/Central Govt. / University No						
University with Potential for Excellence	No	UGC-CPE	No			
DST Star Scheme	No	UGC-CE	No			
UGC-Special Assistance Programme	No	DST-FIST	No			
UGC-Innovative PG programmes	No	Other (Specify	DODL, NSOU			
UGC-COP Programmes	No					
* PG courses in DODL of Kalyani University and	d Netaji Su	bhas Open University	are conducted on the			
college campus on various subjects.						
2. IQAC Composition and Activiti	<u>es</u>					
2.1 No. of Teachers	7					
2.2 No. of Administrative/Technical staff	2					
2.3 No. of students	1					
2.4 No. of Management representatives	2					
2.5 No. of Alumni	0					
2. 6 No. of any other stakeholder and community representatives	0					

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts	0
2.9 Total No. of members	12
2.10 No. of IQAC meetings held:	5
2.11 No. of meetings with various stakeholders:	Faculty 3
Non-Teaching Staff 1 Students	1 Alumni 0 Others 0
2.12 Has IQAC received any funding from UGC de	uring the year? Yes No
If yes, mention the amount Nil	
2.13 Seminars and Conferences (only quality related	ed)
(i) No. of Seminars/Conferences/ Workshops/Symp	posia organized by the IQAC
Total Nos. 1 International 0	National 0 State 0 Institution Level 1
(ii) Themes Use of ICT in Teaching, Learn	ing and Administrative Work
2.14 Significant Activities and Contributions made	by IQAC
Following are some of the significant activ	rities and contributions made by the IQAC in the year

Following are some of the significant activities and contributions made by the IQAC in the year 2016-17:

- 1. In view of the directive of the State Government the college had already introduced partially online admission process in 2015-16. This year the IQAC ensured a smooth transition to complete online admission.
- 2. In accordance with the recommendation of the IQAC, an Academic Audit of the college was conducted by an audit team of the University of Calcutta on 1.09.2016. The eminent members of the team gave their valuable observations and inputs which were tabled in the next IQAC meeting and discussed extensively with the resolve of taking necessary steps.
- 3. Under the leadership and guidance of the IQAC, the college participated in the 1st cycle of NAAC Accreditation. A NAAC Peer Team visited the college on and from 26.09.2016 to 29.09.2016. The entire process was conducted successfully and the college was accredited with Grade B (CGPA 2.25)
- 4. Fulfilling the recommendation of the IQAC, the Department of Chemistry was opened and a chemistry laboratory was instated.

- 5. The IQAC proposed the construction of a modular office with judicious and effective allocation of space and provision for and access to computer and internet facilities. Accordingly a modular office was built.
- 6. Taking cognisance of the demands of the students the college renovated the college canteen and the Students' Union Room.
- 7. Immediately after the NAAC Accreditation the IQAC with help from various stakeholders and experts, prepared a detailed plan to procure grant under RUSA. This plan was vetted by the principal and the Governing Body and submitted to the Department of Higher Education.
- 8. The IQAC took initiative to procure grant to set up Virtual Classroom under a West Bengal Government Scheme for the development of Non-Government colleges. Accordingly the college received a grant of Rs 3, 00,000 and an additional grant of 50,000. Utilising this grant, the college has set up a state-of-the-art virtual classroom.
- 9. The IQAC took all necessary steps to fill the post of the principal and two more substantive posts. As a result, Dr Manishankar Roy could join the college as its new principal and Sri Prabir Tarafder and Sri Suvra Kanti Chakraborty joined the departments of Commerce and Mathematics respectively in the capacity of Assistant Professors.
- 10. The IQAC took steps to complete the promotional procedure under CAS of three incumbent teachers Dr Paramita Halder, Dr Shinjini Basu and Smt Anandita Biswas.
- 11. According to the proposal of the IQAC a biometric system of attendance was installed to bring transparency in the attendance and performance of the teaching and non-teaching staff.
- 12. In response to the recommendations of the IQAC the feed-back system from the students was regularised and the feedback was analysed systematically. A mechanism to obtain feed-back from the guardians has also been put in place.

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 *

Sl No	Plan of Action	Achievements
	Curricular aspects	
	To expand and update science laboratories	With the initiative of the IQAC new equipments such as JFET were purchased for the physics laboratory.
		The college applied for and received a grant of Rs 5, 00,000 for MLALAD to upgrade science laboratories. Among other things a part of this grant is to be utilised for the renovation and modernisation of the Computer Science laboratory.
	To build a language laboratory as per the recommendations of the NAAC Peer Team	The IQAC has constituted a committee to look into possibilities of liaison with external academic bodies, organisations and experts to constitute a Language Lab.
	Teaching, Learning, Evaluation	
	To fill up vacant teaching posts	Two new teachers were recruited against substantive posts in the departments of commerce and mathematics.
	To create new teaching posts for better teacher-student ratio	In view of the increasing significance of the Computer Science Hons. Course than Computer Science Major, the IQAC initiated the process of converting the substantive post in Computer Science Major to Computer Science Hons.
		The IQAC has helped the administration in initiating the official process of filling up 4 remaining vacant substantive posts.
		In consideration of the respective workload of different subjects and in accordance with the West Bengal Government statutes, the IQAC placed a recommendation and accordingly the administration submitted requisition for 13 new teaching posts to the Department of Higher Education.
	Research, Consultancy and Extension	
	To take effective steps towards expansion and	As per the recommendations of the NAAC Peer
	encouragement of academic and research activities	Team a Research Cell and a Journal Committee was constituted by the IQAC.

	Infrastructure and Learning Resources	
	To expand the current building of the college in order to accommodate the growing number of departments and students	The IQAC has taken preliminary steps in this regard. In order to make create space for more personalised interaction with students two new cubicles have been created for the departments of physics and mathematics.
		The plan for the annex building has been sanctioned
	To increase ICT resources for classroom teaching	Apart from setting up a Digital Classroom, computer and internet facilities were increased in the office and extensive Wi-Fi facility was ensured in the college premises.
•	demic Calendar attached as Annexure VI) Thether the AQAR was placed in statutory body	Yes V No
Provid	Management Syndicate ethe details of the action taken	Any other body General Body of the College
points	of the report were discussed and debated. The Givelopment of the institution and requirements list	Body of the college held on 13.02.2018. Various B took cognisance of the comprehensive picture of the ded by the IQAC. As a result following resolutions
i	An Annex Ruilding to be constructed to acc	commodate increasing number of students

- Annex Building to be constructed to accommodate increasing number of students
- ii. Steps to be taken to increase student intake capacity. Already application has been forwarded to the University of Calcutta to increase student intake in Bengali, Commerce and Mathematics. The Principal is to pursue the matter further.
- The process to procure fund for development under RUSA has already been initiated, but the iii. college has not received any positive response so far. The principal is to further pursue the matter.
- The feedback analysis report of the outgoing 3rd Year students was tabled and accepted after iv. discussion of various points.

Part - BCriterion - I

I. 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	0	0	0	0
PG	0	0	0	0
UG	15	1	0	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	0	0	0	0
Others	0	0	0	0
Total	15	1	0	0
Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

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

Pattern	Number of programmes
Semester	0
Trimester	0
Annual	16

1.3 Feedback from stakeholders* (On all aspects)	Alumni	Parents	٧	Employers	Students	٧
Mode of feedback :	Online	Manual	٧	Co-operating	schools (for PE	I)
*(Feed Back analysis attached as A)	nnexure V)					

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

During this session no revision of the syllabi was done to any department.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

During this year Chemistry was sanctioned for teaching as a general subject by the West Bengal State Council for Higher Education and the University of Calcutta.

Criterion - II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
				(Govt.
				Approved
				Part Time
				Teachers)
29	9	3 Associate	1(Principal)	16
		Professors		

2.2 No. of permanent faculty with Ph.D.

5

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

Asst.		Associa	ite	Profes	sors	Others		Total	
Profes	sors	Profess	ors						
R	V	R	V	R	V	R	V	R	V
2	4	0	0	0	0			2	0

2.4 No. of Guest and Visiting faculty and Temporary faculty 19 6 9

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	2	6	4
Presented papers	4	7	5
Resource Persons	0	0	1

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

- The institution encourages interactive teaching-learning environment
- ➤ Teaching-learning process maintains a balance between traditional chalk and talk model and ICT-enabled teaching. The master time-table accommodates both regular and ICT classes in such a manner that by rotation students of all departments can avail of both types of classes.
- > Students are provided with digital study material and e-resources such as video lectures from NPTEL site in the class and through the library.
- > Screening of educational films and film adaptations of texts in the syllabus are arranged on a regular basis
- > Some departments invite learned academicians from other colleges and institutions to deliver special lectures. Inter-departmental lectures are also encouraged.
- Apart from the UGC-sponsored Remedial Classes, special classes and tutorials are held, particularly during the slack session to prepare students for the university examination
- ➤ Departments of Bengali and Education arranged educational tours for the students.
- > Departments of English and Political Science organised special lectures by eminent outside

2.7	2.7 Total No. of actual teaching days during this academic year				
2.8	Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Ba				
	Double Valuation, Photocopy, Online Multiple Choice Questions)			iversity norm	า
2.9	No. of faculty members involved in curriculum Restructuring /revision/syllabus development	3	3	0	
	as member of Board of Study/Faculty/Curriculum Develo	pment wor	kshop		
2.10	Average percentage of attendance of students:	75%			

2.11 Course/Programme wise distribution of pass percentage:

	Name of the	Total no. of			Divi	sion				
Title of the Programme	Examination	students appeared	Distinction %	I %	II %	III %	Pass %	Total no of students		
- II	D 1		77.1					passed		
Bengali	Part I	68	N.A.	-	57.3	0	57.3	39		
Honours	Part II	26	N.A	-	76.9	0	76.9	20		
E . 11.1	Part III	15	N.A	-	73.3	0	73.3	11		
English	Part I	59	N.A	-	37.2	0	37.2	22		
Honours	Part II	15	N.A	-	60	0	60	09		
7.1	Part III	09	N.A	-	77.7	0	77.7	07		
Education	Part I	29	N.A	-	86.2	0	86.2	25		
Honours	Part II	19	N.A	-	63.1	0	63.1	12		
	Part III	19	N.A	12.5	87.5	0	84.2	16		
Political	Part I	44	N.A	-	10	0	10	04		
Science	Part II	03	N.A	-	33.3	0	33.3	01		
Honours	Part III	07	N.A	-	85.7	0	85.7	06		
History	Part I	15	N.A	-	46.6	0	46.6	07		
Honours	Part II	16	N.A	-	93.7	0	93.7	15		
	Part III	08	N.A	-	100	0	100	08		
Sanskrit	Part I	10	N.A	-	10	0	10	01		
Honours	Part II	1	N.A	-	0	0	00	0		
	Part III	N.A.	N.A	-	-	-	-	-		
B.A.	Part I	142	N.A	-	73.84	0	73.84	52		
General	Part II	237	N.A	-	80.5	0	80.5	112		
	PART-III	118	N.A	-	29.5	0	29.5	25		
Computer	Part I	06	N.A	-	33.3	0	33.3	02		
Science	Part II	07	N.A	-		0	28.5	02		
Honours	Part III	03	N.A	33.3	66.7	0	100	03		
Physics	Part I	23	N.A	-	17.4	0	17.4	04		
Honours	Part II	01	N.A	-		0	100	01		
	Part III	N.A.	N.A	-						
Mathematics	Part I	11	N.A	-	27.3	0	27.3	03		
Honours	Part II	N.A.	N.A	-						
	Part III	N.A.	N.A	-						
B.Sc.	Part I	11	N.A	-	97.0	0	97.0	09		
General	Part II	04	N.A	-	99	0	99	03		
	Part III	N.A.	N.A.	-	-	-	-	-		
B. Com	Part I	110	N.A	-			90.91	100		
Honours	Part II	122	N.A				59.02	72		
	Part III	54	N.A	15.38			24.07	13		
B. Com	Part I	77	N.A				62.34	48		

General	Part II	98	N.A		69.39	68
	Part III	153	N.A		01.97	3

Note: * Distinction is not issued in the mark-sheet of our affiliating university.

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

In order to improve the academic environment and output of the institution the IQAC meets various stakeholders on a regular basis. Teachers are asked to prepare a comprehensive academic calendar for the college detailing classes allocated for various topics along with the name of the teacher. Accountability is thus established and ensured by regular stock-taking. Results of different internal examinations are analysed. The IQAC also holds regular meetings with students and guardians to communicate and discuss students' progress. The feedbacks of those meetings are shared and analysed. Departments are encouraged to organise seminars and workshops. Departmental seminars are held where students are encouraged to present papers. Learned academicians are called from other institutions to deliver special lectures. The IQAC closely monitors the attendance of students.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	2
UGC – Faculty Improvement Programme	Nil
HRD programmes	1
Orientation programmes	0
Faculty exchange programme	Nil
Staff training conducted by the university	3
Staff training conducted by other institutions	2
Summer / Winter schools, Workshops, etc.	Nil
Others	Nil

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	11+1 (Librarian)	05	Nil	05
Technical Staff	02	Nil	Nil	01

Criterion - III

3. Research, Consultancy and Extension

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

As per the IQAC recommendations the college provides complete institutional and infrastructural assistance to teachers in order to pursue their research interest. Teachers are encouraged to participate in national and international conferences and seminars. In such cases they are given leave from their regular duties as far as possible without hampering the academic activities of the college. The college provides facilities such as library, e-resource, internet facility, laboratories to pursue research activity. In the IQAC meeting held on 21.04.2017 a Research Cell was constituted as per the recommendations of the NAAC Peer Team. This cell was endowed with the responsibility of encouraging academic and research oriented activities of the teachers, provide with relevant information, forward applications for pursuing research to proper authorities for grant and other needs and generally facilitate the atmosphere of research. This committee collects information about various seminars, conferences, projects and keeps the teachers updated about them. It has also started to interact with various institutions, organisations and government bodies to generate research funds. However, this procedure is in a nascent stage right now.

2 2	D 11	1.		
3.2	I letaile	regarding	maior	nrolecte
3.4	Details	102arum2	maior	DIOICCIS

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs				

3.4 Details on research publications

	International	National	Others
Peer Review Journals	4	3	2
Non-Peer Review Journals	3	5	3
e-Journals	1	2	_
Conference proceedings	3	3	4

	3.5	Details	on I	mpact	factor	of :	pub!	licati	ons:
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Range	0 – 0.5	Average	h-index	Nos. in SCOPUS	
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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	Nil			
Minor Projects	Nil			

Interdisciplinary Projects	Nil		
Industry sponsored	Nil		
Projects sponsored by the University/ College	Nil		
Students research projects (other than compulsory by the University)	Nil		 _
Any other(Specify)	Nil		
Total	Nil	_	

3.7 No. of books published i) V	Vith ISBN No.	2 CI	napters in E	Edited Bo	ooks 8	
•	Vithout ISBN No					
3.8 No. of University Departmen	ts receiving fund	ds from				
UGC	-SAP N.A.	CAS N.A	. DS	T-FIST	N.A.	
DPE	N.A.		DE	BT Schen	ne/funds N	l.A.
3.9 For colleges Autor INSP	IVII	CPE Nil		BT Star S y Other	(specify)	il GC
3.10 Revenue generated through	consultancy	Nil				
3.11 No. of conferences	Level	International	National	State	University	College
	Number	0	0	0	0	4
Organized by the Institution	Sponsoring agencies					College
3.12 No. of faculty served as exp3.13 No. of collaborations3.14 No. of linkages created duri3.15 Total budget for research fo	Internatio	nal Nil Na	ersons tional Ni	0	Any other	Nil
_						7
Nil					Nil	

From	funding	agency
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From Management of University/College

Total

Nil

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	0
INational	Granted	0
International	Applied	0
International	Granted	0
C	Applied	0
Commercialised	Granted	0

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

Ī	Total	International	National	State	University	Dist	College
ĺ	0	0	0	0	0	0	0

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

Nil

Nil

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

Nil

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

JRF Nil

SRF

Nil

Project Fellows

Nil

Any other

Nil

3.21 No. of students Participated in NSS events:

University level

25

State level

Nil

National level

Nil

International level

Nil

3.22 No. of students participated in NCC events:

University level

N.A S

State level

N. A.

National level

N. A.

International level

N. A.

3.23 No. of Awards won in NSS:

University level

Nil

State level

Nil

	National level Nil International level Nil	
3.24 No. of Awards won in NCC:		
	University level N.A. State level N.A.]
	National level N.A. International level N.A.	
3.25 No. of Extension activities organiz	zed	
University forum Nil	College forum Nil	
NCC N.A	NSS 06 Any other 02	

- 3.26.1 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility: -
 - Blood-donation camp on 9.9.2016.
 - A library outreach programme involving children from the adjoining locality.
 - Republic Day was celebrated on 26.01.2017. Students participated in the parade.
 - Rabindra Jayanti was celebrated on 8.05.2017.
 - The NSS Unit of the college participated in the Digital India Campaign.
 - The NSS Unit participated in the NSS annual celebration.

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	1244.13 Sq. Mt	Nil	Nil	1244.13 Sq. Mt
Class rooms	15	Nil	Nil	15
Laboratories	05	Nil	Nil	05
Seminar Halls	01	Nil	Nil	01
No. of important equipments purchased (≥ 1-0 lakh) during the current year.		Visual/Smart Classroom(1)	State Government	01
Value of the equipment purchased during the year (Rs. in Lakhs)		3.50 Lks	State Government	3.50 Lks
Others		Students' Union Room	College	2.15 Lks

4.2 Computerization of administration and library

Much of the administrative work has been computerized. The college uses a Customised Admission cum Accounting Software. The library is equipped with KOHA software and OPAC facility. Audio-Visual lectures on various topics are conducted in the library throughout the year.

4.3 Library services:

	Existing		Newly ad	Newly added		Total	
	No.	Value	No.	Value	No.	Value	
Text Books	13827		388	113528	14215		
Reference Books							
e-Books	Accessed under		Accessed under		Accessed		
	INFLIBNET-		INFLIBNET-		under		
	NLIST		NLIST		INFLIBN		
					ET-NLIST		
Journals	4	6150	1 (Renewal of	800			
			Indian				
			Accounting				

			Review)		
e-Journals	1	5730	1 (Renewal of	5750	
			INFLIBNET-		
			NLIST)		
Digital Database	1	11,500	Renewal of	11,500	
			DELNET		
CD & Video	80 (2 sets+ 1	1 set CD	0	0	
	audio cassette)	Rs 1200			
Others (specify)	3 institutional	21,500	1 (Renewal of	8,500	
	membership for		British Council		
	libraries		Library and		
			American		
			Library		
			membership)		

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart- ments	Others
Existing	61	2	10	N.A	N.A.	2		
Added						1		
Total	61	2	10			3		

- 4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)
 - ➤ IQAC arranged for regular training for the teachers to upgrade their technical skills in the use of ICT. CICIKO provided on-campus training.
 - ➤ The college inaugurated a Digital Classroom with state of the art ICT and internet facilities. Webel conducted training programme for teachers on the use of the Digital Classroom.
 - > On the recommendation of the IQAC the college started to provide students and teachers with free Wi-Fi.
- 4.6 Amount spent on maintenance in lakhs:

i) ICT	1.00 Lks
ii) Campus Infrastructure and facilities	2.50 Lks
iii) Equipments	3.00 Lks
iv) Others	1.00 Lks
Total:	7.50 Lks

Criterion - V

5. Student Support and Progression

- 5.1 Contribution of IQAC in enhancing awareness about Student Support Services
- > The college ensures that students are made aware of various Student Support Services and schemes through regular circulation of notices in the class-rooms and their publication on the students' notice board and college website.
- Students are given support and often personal care by the teaching and non-teaching staff of the college in order for them to avail of various financial support schemes
- Remedial classes for SC, ST, OBC (A), OBC (B) students are conducted on a regular basis.
- > Tutorials and extra classes are held, particularly during the slack session to prepare students for university examinations
- Financial assistance is extended to the economically weaker section of students. Students are regularly notified about such programs. The college is particularly committed to the admission and continuance of education of the girl students. That is why Kanyasree Prakalpa is carried out with due importance and diligence.
- 5.2 Efforts made by the institution for tracking the progression
 - Regular internal assessment through class-tests, mid-term examination and selection test
 - Continuous evaluation of practical exercises in laboratory based subjects
 - Collecting students' feedback through regular interaction with students and guardians
 - Regular analyses of university examination results
- 5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2.517	N.A.	N.A.	N.A.

(b) No. of students outside the state

0

(c) No. of international students

03

Last Year					This Year							
General	SC	ST	OBC (A)	OBC (B)	Physi cally Chall enged	Total	General	SC	ST	OBC	Physically Challenged	Total
1640	211	81	153	263	05	2353	2276	157	18	66	00	2517

 No
 %

 1697
 67.42

 Women
 No

 620
 32.58

Demand ratio 2.20:1 Dropout % 18

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

There is no such programme at present. However, under UGC XII Plan the College ran a UGC sponsored coaching of "entry in service". The objective of this programme is to prepare the students belonging to SC/ST/OBC (non creamy layer) and minority communities to get gainful employment in all National/State/Provincial Services and equivalent positions in the private sector.

No. of students be	eneficia	aries	N	. A.				
5.5 No. of students qualified in these examinations								
NET	0	SET/SLET	0	GATE	0	CAT	0	
IAS/IPS etc	0	State PSC	0	UPSC	0	Others	5	

5.6 Details of student counselling and career guidance (See Annexure III for details)

Date	Name of the Programme	Students Participated
16.11.16	Scholarship Test by the Institute of Computer Accountants	33
18.11.16	Screening Test for recruitment in Yes Bank	26 (5 students were selected)
5.12.16	Walk In interview for Bharti Airtel	36
21.01.17	Seminar on GST conducted by the Institute of Computer	54
	Accountants	

No. of students benefitted 149

Note: Beneficiaries include all the students who have enrolled for and participated in the programmes

5.7	Details	of	campus	placement

space was renovated.

	Off Campus		
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
2	62	5	

5.8 Details of gender sensitization programmes

The college has a Cell for the Prevention of Sexual Harassment. A complaint box has been installed for the stude

ents to report any gender-related issue. The college also arranges sensitization programmes on a regular							
5.9 Stude	nts Activities						
No. of students participated in cultural events: State/ University level 15 National level 6							
Internation	al level 0						
5.9.1 No. o	of students participated in Sports, Games and o	ther events in 20	16-17				
	State/ University level 0 National le	evel 0	International level 0				
5.9.2	No. of medals /awards won by students in Sp	orts, Games and	other events				
Sports:	State/ University level 0 National le	evel 0	International level 0				
Cultural	: State/ University level 0 National le	evel 0	International level 0				
5.10 Schol	arships and Financial Support						
		Number of students	Amount				
	Financial support from institution	79	79857.00				
	Financial support from government	70	1,75,0000				
	Financial support from other sources	0	0				
	Number of students who received International/ National recognitions	0	0				
5.11 Stu	dent organised / initiatives						
Fairs	: State/ University level 0 National le	evel 0	International level 0				
Exhibition	: State/ University level 0 National le	evel 0	International level 0				
5.13 Majo	of social initiatives undertaken by the students or grievances of students (if any) redressed: A rovement of the college canteen. This der	A long standing					

Criterion - VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision of our college is to ensure easy access to quality education at under graduate level to a large section of under-privileged segment of the society at an affordable cost by striking a proper balance between quality and quantity. Effective delivery of quality education to a maximum possible number of students for the enhancement of knowledge, empowerment and development is an integral part of its vision document. Expansion, access, quality and performance are the four pillars of the college. Creation of knowledge based society, skill development and nation building are the core values of the vision statement.

The missions of the college are all those plans, programs and actions that are considered necessary to translate its vision into reality. The mission statements of the college are -

- 1. To ensure gradual expansion of quality education with focus on modern emerging area.
- 2. To admit maximum possible number of students while keeping within the in-take capacity.
- 3. To ensure transparency and promptness in the admission process.
- 4. To communicate to the students the plan of academic actions as on the date of admission.
- 5. To complete the syllabus in time.

6.3.1 Curriculum Development

For effective implementation of curriculum action plans are developed in scientifically structured delivery system. An all inclusive academic calendar of the college is deployed and rigorously followed throughout the year for quality teaching and learning. It acts as an all important tool for efficient and effective planning and implementation of curriculum.

Academic calendar in the form of a binding book contains stream/ course/ subject/ paper wise break-up of syllabus with corresponding name of teachers and standard number of lectures for completion of a topic or sub-topic. Unique and effective features of academic calendar are evident from its structure and content.

College is enriched with digital classroom, 2 smart classrooms, 60 desktop computers, 5 laptop computers, 6 projectors and other ICTs for efficient and effective curriculum implementation through quality teaching and learning.

The vision, missions and objectives are communicated to the students, teachers, staffs, guardians and other stakeholders through the issue of prospectus, academic calendar, college magazine, induction meeting and circulars & notifications issued from time to time.

For effective implementation of the academic plan prepared by the college, details of execution are communicated to the students and the teachers. Necessary supports in terms of allotment of required number of classes, engagement of required new teachers, flexibility in mutual transfer of teaching load, provision for classes beyond the normal teaching hours and providing tools and instruments to the teachers.

For effective curriculum delivery and academic transactions, division of syllabus amongst the teachers indicating the standard number of lectures for completion of particular topic is included in the teaching plan. In preparing the plan for curricular aspects, university guidelines and suggestions are observed. For effective curricular transactions and improved teaching practice, a robust ICT infrastructure is acquired, installed and deployed.

Staff members participate in different seminars, symposium, workshops organized by the university and other statutory bodies for curriculum design and development. They participate in the deliberations and give necessary suggestions. In a landmark incident, university has reintroduced the different B.A., B. Sc. and B. Com (Major) courses at the instance of the higher education department, government of West Bengal in which the staff members have important contributions.

College has developed curriculum for certificate course in Computer Hardware and Networking. To analyze how far the stated objectives of curriculum are achieved and to what extent it has been ensured to the students, a list is prepared showing the name of individual students along with the number of classes delivered & attended, marks obtained in internal examinations and remarks. This gives a clear picture of regularity and academic progress of the students.

6.3.2 Teaching and Learning

Introduction of new and innovative teaching approaches and methods have positively impacted the learning process of the students. Their encouragement, enthusiasm, involvement and enjoyment in ICT enabled innovative teaching practices are visible within the class room and the result is evident from students improved performance with better result.

- Film adaptations of literary texts are arranged by the department of English and Bengali.
- Re-training of faculties for using digital class rooms and other ICTs available in the college.
- Renewed effort to maximize the utilization of ICT infrastructure.

6.3.3 Examination and Evaluation

- Class Tests
- > Internal assessment based on mid-term and selection test
- Some departments hold quiz contests on topics included in the syllabi

6.3.4 Research and Development

Being a UG college with limited amenities and infrastructure the college has no in-house research centre. However teachers who aspire to pursue individual research are allowed study leave up to maximum 2 years with full pay. They are granted permission to participate seminar, conference, workshop etc. Applications for financial grant from UGC or any other agency for Minor or Major Research Projects by the teachers are encouraged and promptly forwarded. Teachers are involved in research and development activities as evident from the award of M.Phil., Ph.D. degrees and publications in journals and magazines.

6.3.5 Library, ICT and physical infrastructure / instrumentation

The library has institutional membership of DELNET (Developing Library Network). The library is an institutional member of American Centre Library Kolkata. Membership to institutions of high repute such as IIM Calcutta shall be beneficial as far as the commerce and science subjects are concerned. Being a member of BCL (The British Council Library) is a part to specially access and enhance the spoken English initiative as well as online resources and E-Books. The Institutional Library memberships for BCL have been applied for. The library has a separate collection of books for remedial coaching and UGC Entry in Services Scheme. The library conducts various awareness programmes. It also issues privilege cards for VH, PH readers as well as for those readers who use the library most frequently.

Most of the administrative work has been computerized. COSA has been introduced for pay-roll.

There has been significant infrastructural expansion this year. Four new classrooms have been created to accommodate the needs of the three new departments opened last year.

6.3.6 Human Resource Management

- Effective utilisation of existing man-power
- Attendance record of teachers and non-teaching staff is maintained
- > Decision has been made to introduce bio-metric attendance.
- Regular notification of different activities
- Regular meetings of various committees for academic and administrative purposes
- Maintenance of the collage website and regular updates of various activities are provided

6.3.7 Faculty and Staff recruitment

The recruitment of both the teaching and non-teaching staff is made by the Government of West Bengal through the recommendation of College Service Commission, West Bengal. The posts of non-teaching staff are sanctioned by the government. The college makes recruitments as per its requirement. This year the IQAC has helped the administration in initiating the official process of filling up 5 remaining vacant substantive posts. Also, in consideration of the respective workload of different subjects and in accordance with the West Bengal Government statues, a requisition for 30 new teaching posts has been submitted to the Department of Higher Education.

6.3.8 Industry Interaction / Collaboration

As such there is no Industry Interaction/collaboration programme conducted by the institute.

6.3.9 Admission of Students

Completely merit-based on-line admission system

6.4 Welfare schemes for

Teaching	Provident Fund, ex-gratia for non substantive teachers, bonus for Government Approved Part Time teachers Procedure to avail of several welfare schemes declared by the Government of West Bengal such as West Bengal Health Scheme for substantive teachers and Swastha Sathi for non-substantive teachers have been initiated by the college.
Non teaching	Group Insurance Scheme, Provident Fund, short term loan against salary from the college fund, festival bonus, ex-gratia for non substantive non teaching staff
	Procedure to avail of Swastha Sathi, West Bengal Government's health scheme has been initiated by the college.
Students	Student Aid fund and Student concession from the college Government sanctioned SC/ST/OBC/Minority scholarships Kanyasree, Swami Vivekananda Scholarship etc.

6.5 Total corpus fund generated	N					
		J		,		
6.6 Whether annual financial audit h	as be	en done	Yes	ν	No	

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

Audit Type	Ex	ternal	Internal		
	Yes/No Agency		Yes/No	Authority	
Academic	No	N.A.	no	N.A.	
Administrative	V	University of Calcutta	no	N.A.	

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

For UG Programmes	Yes	N.A	No	N. A.
For PG Programmes	Yes	N. A.	No	N. A.

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

N.A.

- 6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? N. A.
- 6.11 Activities and support from the Alumni Association Efforts are being made to get the Alumni Association registered.
- 6.12 Activities and support from the Parent Teacher Association

There is no existing Parent-Teacher Association. However, there are regular interactions between parents and teachers. Parents are informed about the gradual as well as overall progress of the students. Parent-teacher meetings are held on a regular basis.

6.13 Development programmes for support staff Nil

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

- Energy conservation: Special attention is paid to ensure that all the electrical and electronic installations have been properly switched off after the classes are over. The devices used for the digital classrooms are carefully unplugged once the class is over. The use of AC machines is regulated and monitored.
- Use of renewable energy: No such initiative has been taken up by the College till now.
- Water harvesting: The College has been persistent in persuading the Kolkata Improvement Trust to improve the condition of the adjoining water body, to conduct regular drainage and clean up the surrounding area with achievement of positive result.
- Efforts for Carbon neutrality: Our College is located in a densely populated area. Thus, some of the main sources of carbon emission are unavoidable. However, we have tried to regulate the vehicular movement in and around the college premises by regulating the usage of both four-wheelers and two-wheelers within the boundary wall and by allocating a specific area for parking cars. In order to increase carbon neutrality in the college, initiatives towards plantation of trees are taken on a regular basis. Also, we take special care towards the ecofriendly disposal of bio-degradable wastes. Te green waste, food waste or paper waste are not burned; they are disposed off as municipal waste on a regular basis.
- **Plantation:** In spite of being located in a populated area, the college has taken step towards planting trees and preserving and developing the adjoining water body. Around 30 trees have been planted around the college compound. Continuous persuasion of the college with the Kolkata Improvement Trust and other Government authorities has finally resulted in the construction of:
- Muraripukur, Rabindra Udyan.
- > Rishi Aurobindo Ghat, adjacent to the pond
- Rajanikanto Childrens' Park
- Hazardous waste management:

Not much hazardous waste (mainly chemical and bio-chemical waste) is produced in the college. However, the college authorities are careful about keeping the purchase of potentially hazardous chemicals to bare minimum. Science departments are encouraged to purchase mercury-free instruments and wherever possible hazardous materials have been substituted by non-hazardous ones. In the last four years there has been substantial expansion of the college building. As a result dismantled building materials have been a source of hazardous waste. These have been

regularly collected in the municipal vats meant for waste disposal. The college maintains a system of separating the bio-degradable and non-degradable waste by installing several dustbins in strategic locations. The canteen waste too is collected and disposed off on an everyday basis.

• E-waste management

The administration of the college, with the help of the faculties of respective departments monitors the use of electronic instruments and takes stock of the unusable electronic or electrical products that may become source of e-waste, such as computers, CPUs, scanners, photocopy machines, projectors etc. Usable parts of rejected machines are recycled. When they are finally discarded, special care is taken for their disposal. Burning of rubber and plastic in the campus and throwing e-waste in municipal vats are strictly prohibited in the college. Toxic or combustible e-waste such as batteries, compressors etc. are not exposed to natural elements.

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.
- Several Departments published their departmental wall-magazines this year.
- Several departments such as Departments of English, Bengali, Political Science and Computer Science organised seminar lectures by eminent academicians of respective fields specially for honours students.
- Students have been encouraged to use ICT in the class and for this purpose several departments organised students' seminars.
- Google Groups have been formed to improved communication between teachers and students and also to encourage more personalised interaction.
- 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Curricular Aspects:

- IQAC had suggested that specific needs of various departments are to be met in a more customised manner. Keeping this goal in view departmental meetings have been made more frequent and regular in order to closely monitor the functioning of the department, address its requirements and look into the overall development of students.
- The college had applied for and received permission to open the Department of Chemistry from the West Bengal State Council of Higher Education and the University of Calcutta.

Teaching, Learning and Evaluation:

- All honours departments had organised class room seminars where students were encouraged to put forward their views on various topics. They were also encouraged to use ICT.
- It was decided by the IQAC that more emphasis to be given to improve the university results of the students. To achieve this goal special classes, usually taken after the completion of the selection test were made more examination-oriented. Students were prepared for the final examination through class assignments and mock tests.

Research, Consultancy and Extension

• At the beginning of the year the IQAC formed a research committee. This committee has worked towards updating the teachers about various research opportunities, grants along with seminars and conferences. As a result, teachers could attend different workshops, seminars and conferences to upgrade themselves and explore their research areas.

Infrastructure and Learning Resources:

- It was decided to repair and renovate the students' union room and the canteen. Accordingly renovation work was undertaken and completed. A new, modular office space was constructed.
- A large site map was set up in the college premises.
- Biometric system of attendance was installed. (See Annexure
- A new gymnasium was opened.

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

BEST PRACTICE-I:

Best Practice I: Curriculum Enrichment Book Fair (See Annexure I)

BEST PRACTICE-II: Installation of biometric attendance system for teachers and office staff (See Annexure II)

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

7.4 Contribution to environmental awareness / protection

- Environmental awareness campaigns have been conducted in the college premises.
- The campus has been declared a 'No Smoking Zone'
- Cleanliness programmes have been conducted in the college by NSS units.
- Mechanisms have been put in place for separate disposal of bio-degradable and non-degradable waste material.

7.5	Whether	envir	onmental	audit	was	co	nducte	ed?	Yes		No	٧	
	A									11 (1 011	

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

- An environment of cultural pluralism and free exchange of ideas
- Committed teachers with good personal interaction with students
- Harmonious relation among various stakeholders teachers, students, office staff and administration
- The research activities of teachers

Weakness:

- Inadequate infrastructure
- Irregular attendance of students
- Less than adequate number of permanent faculty
- The difficulty in lateral expansion of the college building

Opportunities:

- Providing research facilities for teachers
- Improvement of ICT infrastructure
- Complete computerisation of administration
- Providing language assistance for students

Threat:

- The irregularity and the decreasing number of UGC research grants threatening the atmosphere of research
- The substantial number of student drop outs students who discontinue their studies due to financial problems
- The inadequate number of permanent posts and the delay in filling up vacancies
- Lack of resources to undertake infrastructural and developmental projects

8. Plans of institution for next year

- To inaugurate the gymnasium for students
- To overhaul the students' union room
- To construct the Annex Building
- · To increase student intake in a few departments
- · To begin Post-graduate courses in a few subjects

Name: Dr Ratna Lodh

Rlodh

Name: Dr Manishankar Roy

Signature of the Coordinator, IQAC

CO-ORDINATOR, IQAC SIR GURUDAS MAHAVIDYALAYA MURARIPUKUR, ULTADANGA KOLKATA-700067 Mauuishankare Rouy
Signature of the Chairperson, IOAC
Principal,

Sir Gurudas Mahavidyalaya Kolkata-700067

Annexure I Best Practice I

- 1. Title of the practice: CURRICULUM ENRICHMENT BOOK FAIR.
- **2. Goal:** Curriculum oriented teaching-learning process is expressed through its structured framework of classroom based learning, where routine- syllabus- examination-assessment-marks-result etc. are the keywords that explain a system for judgment of academic excellence. However a key component of an academic environment is the urge of the student to be actively involved in the learning process, and develop a willingness of the student towards the institutional provisions where interest –participation-interaction etc are the keywords that ultimately gauges the value of education in an individual. An academic institution is a balanced manifestation of both the components. An institution plays a vital role in motivating and orienting a student in an informal method, which ultimately serves the institutions core value of academic excellence. The "Curriculum Enrichment Book Fair" is primarily targeted towards creating an environment in the college where an introduction to the curricula can be inducted at the beginning of the session through an informal approach.
- 3. The Context: The academic session starts on 1st July. The commencement of actual teaching learning process takes place at around the end of July and the beginning of August. Most of the students get detached from the schedule of study and develop a reluctant attitude after the H.S examinations, as for the case of the new admissions at the U.G. level. The students of part II and III get a short span of time for thorough study within the academic session. To get accustomed to the teaching –learning process as well as assessing the significance of accessing the books and the study materials for necessary curricular support needed a motivational approach. A book fair, which is a highly appreciated means for creating a literary environment be skilfully designed and implemented at the college campus beside the regular commencement of classes, to create an environment where an apparent picture of enjoyment is actually a platform for active involvement and interaction of the faculty, the students, the parents and the library. The process is expected to enrich the curricular process through an active suggestion -feedback model. Hands-on help in selecting books as per the requirements of the students can be provided. The institution can reach out to the students with an introduction to its facilities using appropriate communication aids. The inclination for resources as per curricular requirements can serve as an indicator to the resource development of the institution.
- **4. The Practice:** To organize a book fair at the college premises at the commencement of the academic session. The event is titled as "CURRICULUM ENRICHMENT BOOK FAIR".

STEPS OF IMPLEMENTATION:

> The thought process involves the analysis and discussion of the fact that developing interest towards the holistic use of institutional learning resources in the multidirectional

and dynamic perspective is possible when the institution inclines to adopt motivational techniques and implement orientation programmes with special emphasis on the exemplary instance of organizing a book fair at the college premises.

The key indicators of adopting such practice are:

- Transformation in pattern of resources (Teaching –learning process is an amalgamation of technology with the course structure in the classroom).
- Equal use of traditional & digital resources in the academic environment.
- Demarcation between students' capability of learning.
- A library emerging as a learning resource centre in respect of effective curricular supplementation.
- The students are not well versed with the syllabus as well as the lesson plans at the beginning of the session.
- The students hesitate or avoid to be involved into the new system. Some of the students fear to get embarrassed while trying to get adapted to the changing academic environment.
- A formal induction process may have some loose ends to put the students into the system of learning without any delay due to other individual concerns It is impossible to identify unless a common platform is shared for opening up.

> The actualisation of the process involves the following initiatives:

- The book fair committee decides the suitable date, extent of the event and the minimum expenditure to be incurred.
- The publishers and book sellers are invited (No participation fees is charged, however they need to fill up participation forms indicating the facilities they are willing to provide to the students at the book fair)
- The students (volunteers) are selected. They are conveyed with the detailed process.
- The notices are circulated and the invitation letters for the parents are handed over to their wards.

- The dignitaries are invited to the inauguration ceremony (in person and through mail), the faculty are also formally invited via the teacher's council, informing about the goal and objective of the event.
- N.S.S team of our college, the students' council and "The friends of the Library" volunteers actively participate in the wholesome organisation of the fair.
- Temporary stalls are set up at the college premises. The publishers are asked to provide a list of the books they are to display during the fair. The umbral and penumbral relevance to the course curricula are effectively judged. A facility to store the books are also provided to the publishers and book sellers.
- Banners and posters conveying the motto of the fair are printed. Posters and banners that inculcate good reading habits in interesting and readily acceptable approach are developed. Presentations are prepared to convey about the library facilities, rules etc so that an informal communication about the learning resources can be provided. Badges are printed to initiate active involvement by a feeling of belongingness among the students.
- Projection screens are set up to display the relevant contents during the fair.
- Halogen lights, spot lights, stand fans, and refreshments are arranged. This is indeed necessary for a conducive environment.
- The President, Governing body, the principal and the dignitaries address the students at the inaugural programme. It is a skilful supplementation of the induction address at the beginning of the session but in a festive mood.
- The regular readers of the library are given due appraisal by announcing "The reader of the year" as an effort to motivate towards access and utilisation of the resources for curricular enhancement.
- The list of requisitions, purchases and recommendations by the students and faculty are collected from the publishers and book sellers. This serves as an effective feedback.

➤ The expected outcome:

- A wide exposure to the books related to the course curriculum.
- Inculcate an interest in reading and learning.

- Be able to see and touch some new books related to the curriculum at their own college campus.
- The publisher –student meet may help the students to purchase books as per their requirement without the hassle of hopping book shops in search of the required books.
- If the students fail to purchase the books during the fair, may purchase the books at the same discounted rate as per their convenience. The students who are unable to purchase books may surely get help and may collect a book under motivational compulsion.
- The faculty may recommend books for resource building of the college library as newer publications are just within their reach from the renowned publishers and book sellers.
- The scope to guide a wider mass of students in picking up the book suitable for the student, which is otherwise impossible.

5. Evidence of success:

Success is evident under quantitative and qualitative parameters. The curriculum enrichment book fair is being organised consecutively for the three years and its success can be qualitatively judged. Since the aspect under consideration has probable qualitative attributes rather than quantitative, it is a long drawn process to actualize the cumulative feedback or result. A qualitative analysis, as is evident from the attitudinal changes, positive response, interesting suggestions and encouragement are the only parameters for analysis.

The students and the faculty are highly interested in organising the book fair at the beginning of the session. The students are willing to stay before and after the college hours for organising the fair. The eager wait is the mark of success.

Our library takes careful consideration of the recommendations of the faculty and the students in building the collection. The supplementary materials that essentially be a part of the "Curriculum Enrichment Book Fair" are highly appreciated. The publishers are give positive feedback and are willing to attend the fair for the three consecutive years. The visitors' feedback gives a picture of worth of such an event in curricular enrichment. The review published by the daily indicates the necessity of motivational best practices. The photographs taken during the fair expresses the success in its own language. Success is indicated by the visible impact on the quality of the institutional provisions. However success cannot always be recorded in black and white. It is sometimes an essential part of an institutions realisation which can be assessed in the perspective of that institutions objective and method of teaching—learning process.

6. Problems encountered and the resources required:

• The implementation of such programmes along with the curricular routine and library services is sometimes hectic. The students' involvement in organizing such event demands time. However regular classes go on and students find it difficult to adjust the time among the streams to work with collective effort.

Annexure II Best Practice II

Title of the Practice: Biometric Attendance System

The objective: The objectives behind implementing Biometric Attendance System are the following:

- i. To ensure accountability of teachers and non-teaching staff
- ii. To keep the exact time of arrival and departure of staff
- iii. To make the system of attendance impartial and transparent
- iv. To move towards paper-less administration

The context:

In view of the overall drive towards digitisation in higher education, the IQAC proposed the introduction of Biometric Attendance for teachers and the non-teaching staff of the college. The proposal was discussed and debated in various forums of the college including the Academic-Subcommittee, the Teachers' Council and the General Body. The suggestions of all stakeholders, teachers, students and non-teaching staff were sought. All stakeholders took this new measure as a positive step forward and accepted it wholeheartedly. It was finally passed through a GB resolution and implemented at the beginning of the academic session. However, we also maintain a manual register for attendance simultaneously.

The practice:

There are two separate biometric devices – one for the teachers and the principal, the other one for the office staff. At the end of each month the auto-generated reports are collected at the end of each month and duly collated. The soft copies of the monthly attendance data is preserved and sent to the Higher Education Department (Govt. Of West Bengal) along with salary claims.

The impact:

- i. The arrival and departure of staff has become more regular.
- ii. Anomaly in recording and preserving attendance data has been minimised.
- iii. The probability of human error has been minimised too.
- iv. We have been able to digitally preserve attendance data.

Annexure III Details of the Activities of the Career Counselling Cell

A UGC sponsored and assisted career counselling cell is active in the college. It is a comprehensive, developmental program designed to assist the students in making and implementing educational and occupational choices. Following are the programmes organised by the Career Counselling Cell in 2016-17:

A scholarship test was organized from 'THE INSTITUTE OF COMPUTER ACCOUNTANTS' on 16th November, 2016. The Scholarship test was based on different carrier oriented courses. Total 33 students participated in this scholarship test.



'NSHM UDAAN SKILL FOUNDATION' organised a screening test on 18.11. 2016 for recruitment in YES BANK. Around 26 students participated in this screening test.



A Walk in Interview Program was conducted by INSU Solution for the Bharti Airtel Company. 36 students participated in this walk in Interview.

A Seminar on GST (Goods Service Tax) was conducted by The Institute of Computer Accountants on 21.01.2017. Total 54 students and some teachers of our college participated in this seminar.



Annexure IV

Major Activities of the NSS during the Year

The college has two NSS Units under the University of Calcutta NSS Programme. Both the units organise various social extension activities throughout the year, often in collaboration with one or more than one departments of the collage. These are a few of its activities in 2016-17:

1. An outreach programme involving children from the adjoining locality was conducted by the NSS jointly with the college library. A rally was conducted from the college premises through the adjoining locality to spread awareness about books and library among children. In the college various cultural programmes were organised in which the children participated enthusiastically.







- 2. A blood-donation camp was organised on 9.9.2016. This was accompanied by arrangement for free health check up for students and teachers.
- 3. The NSS units of the college participated in the celebration of events such as Republic Day and Rabindra Jayanti.
- 4. On 15.03.2016 the NSS units of the college participated in the programme on Digital India Campaign in the University of Calcutta. This was a day long programme in which students were made aware of various government schemes on digitisation. The NSS volunteers of the college also enthusiastically participated in the following workshop. The NSS units also participated in the NSS annual celebration at Ramakrishna Mission, Golpark.

Annexure V Feedback Analysis

STUDENTS' FEEDBACK FORM OF ACADEMIC YEAR 2016-17

According to the students' feedback of the 3rd year student, both Hons & General, Conducted by the Institution on 20.01.2017, we received a general survey on the overall administrative and academic structure of Sir Gurudas Mahavidyalaya based on their satisfaction and assessment.

Feedback Analysis:

Sir Gurudas Mahavidyalaya has taken 15 parameters for feedback to cover all academic and non academic aspects of the college. Students were given the sheets where they have only mentioned their stream of study. Following are the 15 parameters:

- 1. Quality of teaching received from the class room
- 2. Presence of teachers in the classes
- 3. Assistance of the teachers besides their class-teaching
- 4. Coverage of the syllabus through class teaching
- 5. About internal examination system of the college
- 6. Availability of books & other services in the college library
- 7. Co-operation of the librarian and library staffs
- 8. Quality of equipments and services in the laboratory
- 9. Assistance from cash and general office
- 10. Communication of notice in proper time
- 11. About the sports and cultural activities
- 12. About students' welfare and grievance redressal
- 13. Availability, quality and price of food in the canteen
- 14. Standard of sanitation and quality and availability of drinking water
- 15. Overall impression about the college

Feedback points were assigned to the attributes in the feedback form as follows:

Below Average -1

Fair-2

Good-3

Very Good-4

Excellent-5

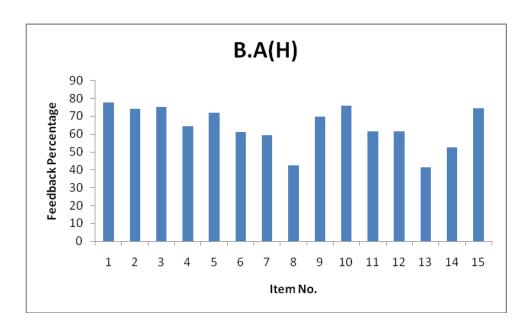
As per the feedback provided by the students, here follows the numerical table to represent the scenario, which is supported by figures and diagrams.

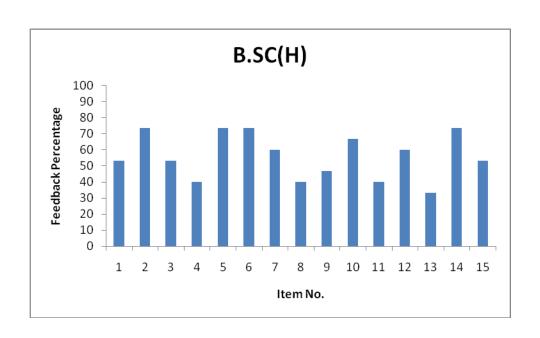
Table: Average percentage of feedback questions against each department of Sir Gurudas Mahavidyalaya

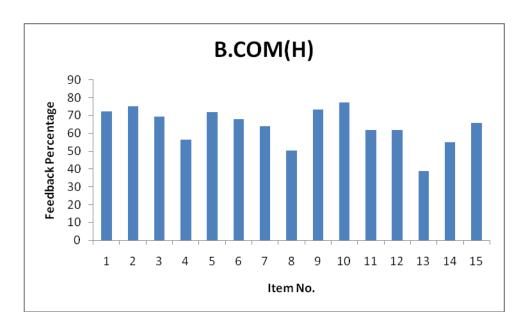
Streams	Str.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
ARTS(H)	53	77.77	74.28	75.31	64.52	71.98	61.26	59.44	42.37	69.72	75.94	61.58	61.58	41.34	52.61	74.36
ARTS(G)	117	67.74	67.35	70.6	62.74	69.5	69.91	61.19	18.29	67	67.88	58.11	53.84	40.68	50.42	65.47
BSC(H)	3	53.33	73.33	53.33	40	73.33	73.33	60	40	46.67	66.67	40	60	33.33	73.33	53.33
BSC(G)	7	67.5	67.5	62.5	52.5	52.5	70	70	40	77.5	57.5	57.5	47.5	42.5	32.5	50
BCOM(H)	52	72.3	75.4	69.6	56.5	71.9	68	64.2	50.4	73.5	77.5	61.9	61.9	38.8	55	65.8
BCOM(G)	153	65.5	67.5	64.7	56.6	69.7	65.8	64.1	50.9	66.3	69.8	58.6	57.5	36.5	52.2	61.8
= = = = = = = = = = = = = = = = = = = =	385	68.73	69.5	68.49	59.34	69.97	66.86	62.66	39.47	68.01	70.85	59.14	57.38	38.87	51.89	64.9

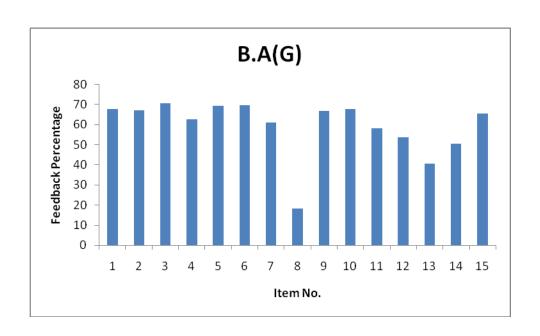
In the above table, the sequential numbers (1-15) in the first row represent the question numbers of the feedback form. The last row denotes the weighted average of the feedback points to get a view of the college as a whole of total 385 students.

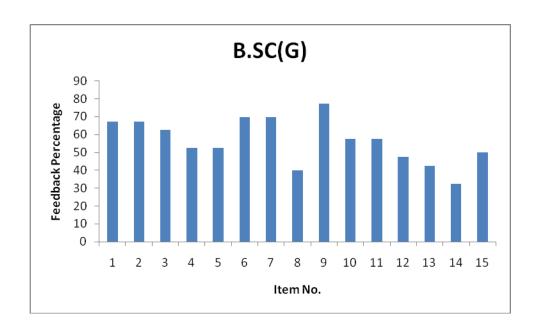
The following fourteen bar diagrams represent the percentage for each questions for six streams. The horizontal axis and vertical axis represent the question number in the feedback form and percentage respectively.

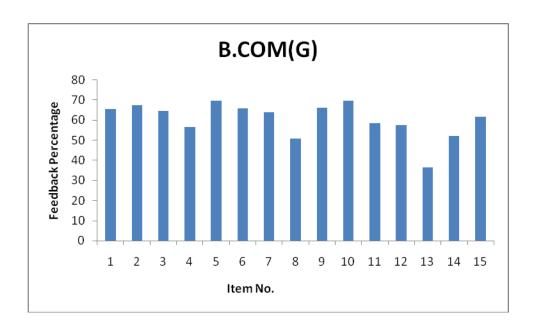




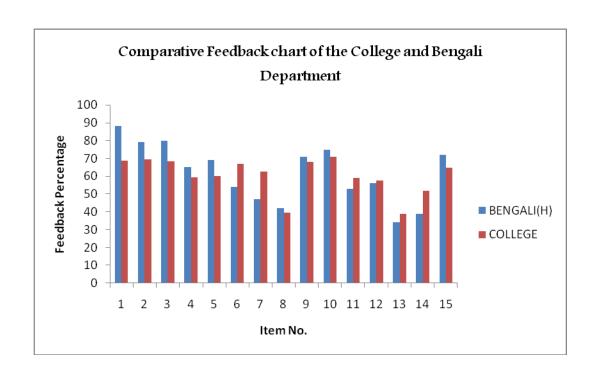


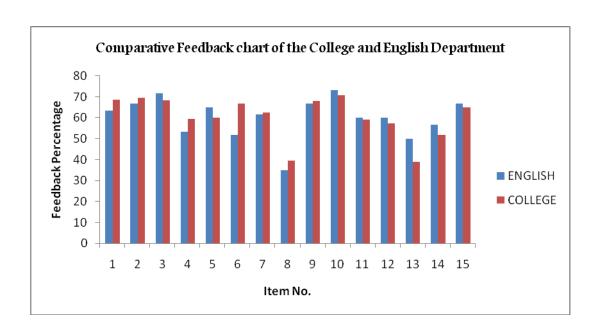


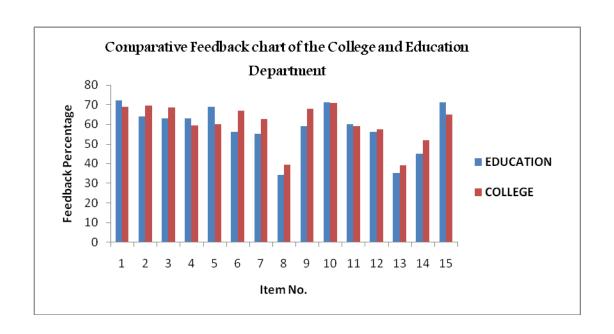


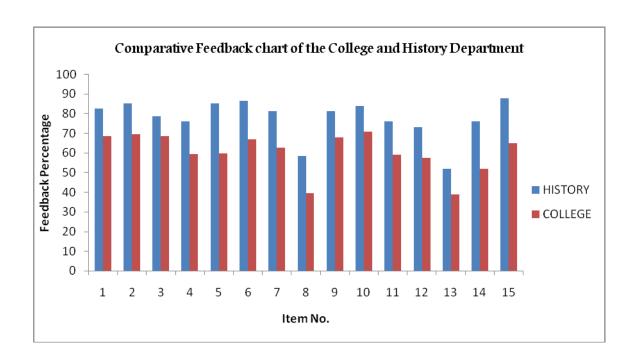


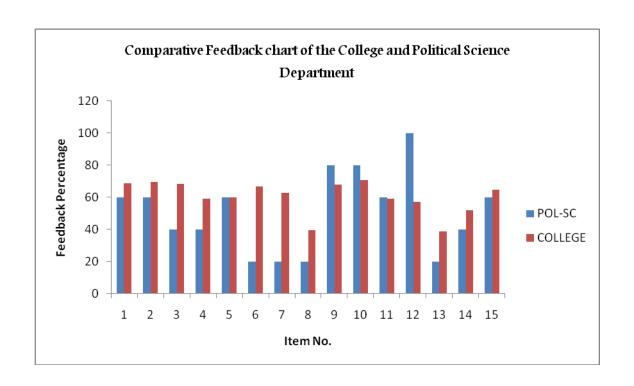
Besides providing the feedback percentage for six (Hons and Gen) streams, it is also desirable to put the feedback percentage of individual departments and that of the college in different charts. This comparative study demonstrates the current condition of the existing departments as well as clearly mentions the item numbers, where the individual department can take some necessary measures.

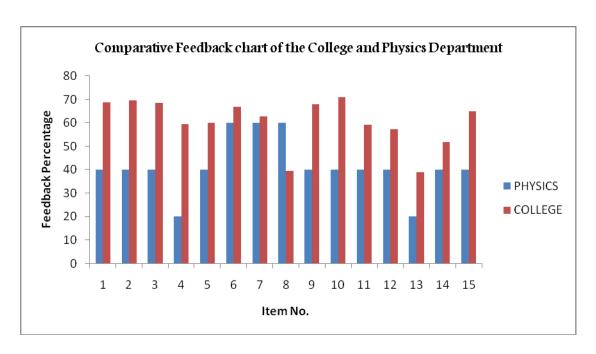


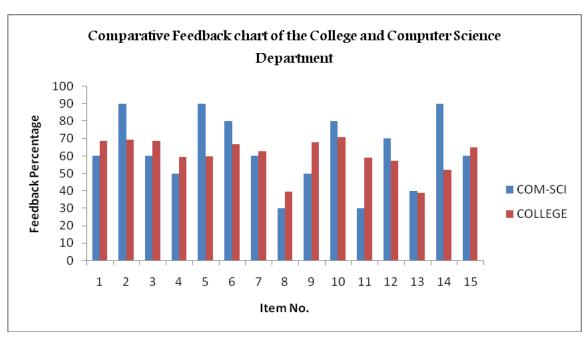


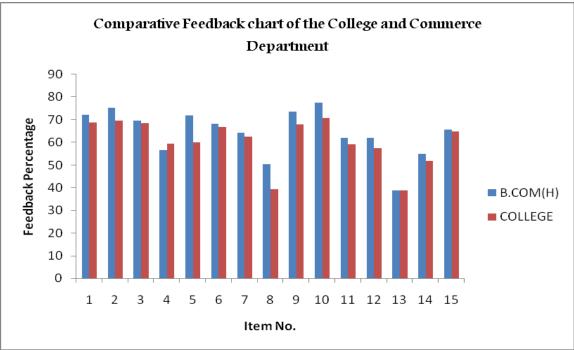












After the entire analytical survey and assessment we have found that in many target items we have received satisfactory feedback while in few i.e. item no. 8, 13 we need to improve further and need to take necessary reforms after another self-assessment which is subject to IQAC discussions and approvals.

Annexure VI

Academic Calendar 2016-17

SIR GURUDAS MAHAVIDYALAYA 33 6/1, B.B. GHOSH SARANI, ULTADANGA - MURARIPUKUR, KOLKATA-700 067

Website: www.sirgurudasmahavidyalaya.com

Phone: (033) 2356-1998 / 2356-0404



FOR B.A. and B.Sc.

(HONOURS, GENERAL & MAJOR)

ACADEMIC SESSION: 2016-2017

About the College

Sir Gurudas Mahavidyalaya is named after Sir Gurudas Bandyopadhyay (1844-1918), the first Indian Vice Chancellor of the University of Calcutta who is a legend in the field of Indian Education and National Freedom Movement. Since 1890, he ably directed academic concerns of the First Modern University in the sub continent towards international excellence. His contribution to the Indian Judiciary had earned him a permanent place in our national history.

CU Affiliation

The College is affiliated to the University of Calcutta. Regarding admission, syllabus, examination and all other academic and administrative matters, it is guided by the Act, rules, regulations and statutes framed by the affiliating University. Mark sheet, certificate and diploma are issued by the University of Calcutta. Some Add-on courses are taught in collaboration with other reputed professional institutions also.

Segmentation of Academic Session

Academic Session	Date & Month	Probable No. of teaching dates
I	1st July to 17th October 2016	88
II	14 th November to 23 th December, 2016	32
III	2 nd January to 15 th May, 2016	107
	Total	227

^{*} These days include number of days of Examination conducted by C.U.(if college is requisitioned) and Examination taken by college internally 25/02/2016 to 31/12/2016 is considered as winter recess.

2. List of tentative Holidays for the academic year, 2016-2017

Date	Day	Occasion	No. of Days
06-07-2016	Wednesday	ld-ul-Fitar	1
06-07-2016	Wednesday	Rathajatra	1
15-08-2016	Monday	Independance Day	1
21-08-2016	Sunday	College Foundation Day	1
25-08-2016	Thursday	Janmastami	1
12-09-2016	Monday	Eid ul-Adha/Bakr Id	1
13-09-2016	Tuesday	Mahalaya	1
02-10-2016	Sunday	Birthday of Mahatma Gandhi	1
07-10-2016		Puja Holidays	
29-10-2016	ТО		24
12-10-2016	Wednesday	Muharram	1
01-11-2016	Tuesday	Bharatridwitiya	1
09-11-2016	Wednesday	Jagaddhatri Puja	1
14-11-2016	Monday	Birthday of Guru Nanak	1
13-12-2016	Tuesday	Fateh Dauz Doham	1
01-01-2017	Sunday	English new year's day	1
23-01-2017	Monday	Birthday of Netaji	1
24-01-2017	Tuesday	University foundation day	1
26-01-2017	Thursday	Republic Day	1
01-02-2017	Wednesday	Saraswati Puja	
02-02-2017	Thursday		2
28-03-2017	Sunday	Doljatra	1
14-04-2017	Friday	Good Friday	1
15-04-2017	Saturday	Easter Saturday	1
14-04-2017	Friday	Chaitra Sankranti	1
15-04-2017	Saturday	Bengali New year's Day	1
01-05-2017	Monday	May Day	1
09-05-2017	Tuesday	Birthday of Rabindra Nath	1
10-05-2017	Wednesday	Buddha Purnima	1
		Principal's Discretion	5
	TOTAL		56

UNIVERSITY OF CALCUTTA

Academic Calendar for the B.A., B.Sc., B.Com. and B.Mus. Courses of Studies (under 1+1+1 System of

Examinations) for the Academic Session 2016-2017



Last date of admission to the 1st year Degree

Courses: 04.8.2016

Last date of change of subject (s)/ stream: 24.08.2016

Course of Studies	Date of Commence	Submission of Registration Form t o C.U.	Mid- term Exam	College Test	Result of College	Filling- up of Form for	Examir		Pub. of Result
	ment of Classes	by the College			Test	Univ. Exam.	Theoretical	practical	(Tentative)
Part-I	Third week	08.9.2016	Oct.'	2 nd week	ıst	₂nd	B.Com.(H+ G)		Within 90 days
	of July'16	(without fine) (Application forms for Registration be submitted by the students to the college With-in 13.9.16). 22.9.2016 (with fine)	16	February 2017	of	week of March, 2017	20.6.16-30.6 .16 B.A./B.Sc. (H & Major) & B.Com. (Major) 04.07.17-07.07 .17 B.A. / B.Sc.(Genl.) 11.7.17-21.7 .17	B.A ./B.Sc.(H & Major) & B.Com. (Major) 25.07.1716.08.17	from the last date of Exam.
Part-II	within 7 days from the completion of Part-I Exam.		Oct.'	2 nd week of January 2017	week of Febru ary, 2017	2nd week of Februar y 2017	B.Com.(G+ H) 18.04.17-05.05.17 B.A./B.Sc. (H & Major) & B.Com. (Major) 12.05.17-17.05.17 B.A. / B.Sc.(Genl.) 19.05.17-07.06.17	B.Com.(G+H) 28.3.17-13.4.17 B.A ./B.Sc. (H & Major) & B.Com. (Major) 10.4.17-03.5.17 Genl. 09.6.17-30.6.17	-Do-

Part-III	within 7 days from the completion of Part-II Exam.	Oct.' 16	2nd week of December 2016	of	2nd week of January 2017	BA/B.Sc./B.Com. (Hons. & Major) 28.3.17-06.4.17 (Genl.) 07.4.17-13.4.17	(H & Major) 28.2.17- 18.3.17 <u>Genl.</u> 20.3.17-04.4.17	Within June, 2017
	Part-I Compulsory Language, 2016	1				20.2.17-02.3.17		
	Part-I & II Supplementary Examination, 20 15	of Dec	up of Form ember, 2010		veek	09.02.17-17.02.17	20.02.17-04.3.17	

Sd/-Secretary, U. G. Councils, C.U.

CHAPTER-3 B.A. ENGLISH HONS. & GENL. ACADEMIC SESSION: 2016-2017 HONOURS PART I

	MID	TEACHER	LECTURES		TEST	TEACHER	LECTURES
	TERM						
DADE	TT' C			D	TT' C		
PAPE	History of			P	<u>History of</u>		
R 1	English			A	English		
	literature			PE	<u>Literature</u>		
				R	Civil War		
				1	01/11// 44	C D	20
	Group A					SB	20
					Restoration		
					and		
	Section 1:				Augustan		
	Old English				Periods	FM	20
	Period				1 chods		
		PH	20		Victorian		20
					Period		
	Section 1:						
	Middle						20
	English		20		Modern	PG	
	Period		20		and Post-	PG	
					Modern		6
					Periods		
	Section 2:	M S				PH	
	Elizabethan		20				
	and				Philology		
	Jacobean						
	Periods						
					Group A		
					<u> </u>		6
					Latin and	D.C.	
					Greek	PG	
					Influence		

BOOKS & REFERENCES:

<u>History of English Literature:</u>

Andrew Sanders: The Short Oxford History of English Literature

G.M. Trevelyan: English Social History

Michael Alexander: A History of English Literature

Edward Albert: History of English Literature

Bibhash Choudhury: English Social and Cultural History

History of English Language:

Recommended Reading:

Otto Jespersen: Growth and Structure of the English Language (Chapters 4, 5, 6, 8, 10)

C.L. Wren: *The English Language* (Chapters 6 & 7)

Further Reading:

A.C. Baugh: A History of English Language

C.L. Barber: The Story of Language

P. K. Bose: A Manual of English Philology

CHAPTER-5 B.A. HISTORY HONS. & GENL. ACADEMIC SESSION: 2016-2017 HONOURS PART- I

	MID TERM	TEACH	LECTU		TEST	TEACH	LECTU
		ER	RES			ER	RES
PAPE	History of India from			PAPE	History of		
R1	the earliest times to			R1	<u>India</u>		
	<u>600CE</u>				from the		
	*Sources of early	TBP	05		<u>earliest</u>		
	Indian History				times to		
	*Pre-Harappan and	TBP	05		<u>600CE</u>	SM	05
	Post-Harappan				*Aspects		
	cultures	DB	05		of Society	SM	05
	*The Vedic Age				*Religiou		
	*Janapadas&Mahaja	DB	05		s Devt.	JKB	05
	napadas				*Maurya-		
	*Mauryan& Post-	DB	05		Satavahan		
	Mauryan India				a-		
	*The age of the				Kushana-	JKB	05
	Guptas				Gupta		
					*Urbaniza		0 =
					tion	JKB	05
					*Cultural		
					Life		

CHAPTER-6 B.A. EDUCATION HONS. & GENL. ACADEMIC SESSION: 2016-2017 HONOURS. PART I

	MID TERM	TEACHER	LECTU RES		TEST	TEAC HER	LECTURES
PAPER1	GROUP – A			PAPER1	GROUP – A Module -I		
	Module -I				3. Functions and scope of	SS	10
	1. Concept and aims of	CD	8		education - Individual and		
	modern education with				social perspective. Education		
	special reference to Delor's				for Human Resource		
	commission (UNESCO,				development.		
	1997)				4. Education as propagation of	GL	6
	2. Child centric and Life	GL	6		values.		
	centric education.				Module –II		
	Module -II				6. Schools of philosophy and		
	5. Role of Philosophy in	RL	5		their influence on education:	RL	15
	Education. (2)				Idealism, Naturalism, and		
	6. Schools of philosophy and	RL	4		Pragmatism.		
	their influence on education:				7. Schools of Indian	CD	25
	Idealism.				Philosophy		
	GROUP – B				Basic features and Influence		
	Module –I				on Education-		
	1. Rousseau	SS	8		a) Vedic schools (Sankhya,		
	2. Froebel	NK	6		yoga, Nyaya)		
	Module -II				b) Non-Vedic schools		
	6. Rabindranath Tagore	GL	8		(Charvak, Buddhist, Jain)		
					GROUP – B		
					Module –I		
					3. Montessori	NK	6
İ					4. Bertrand Russell	RL	6
					Module –II		
					5. Dewey.		
					7. Vivekananda	NK	7
					(The Entire Mid Term		
İ					Examination Syllabus)	RL	6
1							

B.A. SANSKRIT HONS. ACADEMIC SESSION 2016-2017 PART- I

	MID TERM	TEAC	LECTU		TEST	TEAC	LECTU
		HER	RES			HER	RES
PAP	General Grammar	P.M.		PAP	Course -1		
ER 1	(15)		10	ER 1	Marks – 50		
	(Sandhi, Karaka,				Unit – 1		
	Krt, Taddhita)	K.D.			Marks -30		30
	Sanskrit Prose		10		General Grammar:	P.M.	
	Kavya (10)				Sandhi, Karaka,		
	a) Kadambari				Samasa, Krt,		
	_				Taddhita, San,		
	kathamukh	P.M.	15		Yan, Namadhatu		
	a				Unit – 2		
	b) Sukanasop				Marks: 20		
	adesa				Sanskrit Prose		20
	Rajavahanacarita				Kavya		
	m of Dandi		15		a) Kadambari		
	(Dasakumaracarit	K.D.			kathamukh	K.D.	
	am) (10)				a		
	Drama Text		10		b) Sukanasop		
	Abhijnanasakuntal				adesh		
	am of				Course – 2		
	Kalidasa(Act. 1)				Marks: 50		
	(05)				Unit – 1		20
	Kavyalamkarasutr				Marks: 20		
	avrtti of Vamana				Rajavahanacarita		
	(10)				m of Dandi		
					(Dasakumaracarita		
					m)	P.M.	
					Unit – 2		
					Marks: 15		20
					Drama Text:		
					Abhijnanasakuntal		
					am of Kalidasa		
					Acts 1, 2, 3.		15
					Unit – 3	. ~	
					Marks: 15	A.G.	
					Kavyalamkarasutr		
					avrtti of Vamana.	K.D.	

Economic Syllabus for BA/BSC (General) FIRST YEAR 2016-2017

PAPER1	MID TERM	TEACHE R	LECTURE §	PAPE R1	TEST	TEACHE R	LECTURES
	Economics and Microecono mics	JAL	8		Producer's Behaviour	D DAS	18
PAPERIIA	Demand and Consumer Behaviour	D DAS	19				
PAPERIIA	National Income Accounting	D DAS	7		Consumpti on and Investment	D RD	14
	Money and Banking		14				
					Governme nt sector	D DAS	10

CHAPTER-B.Sc. PHYSICS HONS.

ACADEMIC SESSION: 2016-2017 TENTATIVE SYLLABUS FOR PHYSICS HONOURS PART I

	MID TERM	TEACHER	CLASS	TEST	TEACHER	CLASS
Paper	UNIT 01			UNIT 01		
l(100 Marks)	Mathematical Methods I	SKD,MIS	15	Mathematical Methods	SKD,MIS	15
	Mathematical Methods II	MG,SKD	15	Mathematical Methods	MG,SKD	15
	UNIT 02	MG,SKD	15		MG,SKD	15
	Waves and Optics I			UNIT 02		
				Waves and Optics I		15
	Electronics I	MIS,AD	15		MIS,AD	
				Electronics I		
Paper	Paper IIA			Paper IIA		
II	UNIT-03	sG	15	UNIT-03	sG	15
(100 Marks)	Classical Mech.l			Classical Mech.l		
	Thermal Physics I	MIS	15	Thermal Physics I	MIS	
	Paper IIB (50 Marks)			Paper IIB (50 Marks)		15
	UNIT-04	MG,MIS	25	UNIT-04	MG,MIS	25
	Laboratory			Laboratory		

B.Sc. MATHEMATICS HONS

ACADEMIC SESSION: 2016-2017

TENATIVE SYLLABUS FOR MATHEMATICS HONS - PART I

	MID TERM	TEAC HER	CLASS	TEST	TEACHE R	CLASS
PAP ER 1	Module I Complex number Polynomials, Inequality Set,Realtion ,Mapping Module II Transformation,Pair of st line,Circle,Conic, Pair of tangents	GM	50	Module I Theory of equn,Integers Group ,Subgroups Module II	GL GM	30
		GM	50	Remaining Part		
PAP ER 2	Module III Real number → Sequence & Evaluation on integral	АН	50	Module III Remaining Part Module IV	GL	30
	Module IV Matrix , Determinant Vector Algebra	GL	30	Vector Space Vector Calculus	АН	40

COMPUTER SCIENCE (HONOURS)

ACADEMIC SESSION: 2016-2017 Computer Science HONOURS. PART I

SYLLABUS FOR MID-TERM EXAMINATION:

	TOPIC	NAME OF TEACHERS	NO. OF LECTURES
PAPER 1	Group A Computer Fundamental, Number System and Codes Group B	GL	30
	Elementary Circuit theory Elementary Physics of Semi-conductor	ТВ	10
	Group C Digital system & Design Combinational circuits, Sequential Circuit.	GL	45
	Group D Computer Organization Basic computer Organization I	GL	10

BOOKS & REFERENCES:

Digital Circuits, Combinational Circuit, Vol1 &2 by D.Roy Choudhuri, Platinum Plublication, Digital Logic and Computer Design by M. Morris mano, PHI, Electronics Devices and Circuit Theory by Boylestad, Nashelsky, PHI, Computer Organization and Architecture by William Stallings, Pearson Education.

TENTATIVE SYLLABUS FOR B.A/B.Sc 1st YEAR, COMPULSORY HINDI (Honours and General) 2016-2017

	TOPIC	NAME OF TEACHERS	
PAPER 1	MODULE 1: ESSEYS		
	GILLU, KYA NIRASH HUA JAYE, SANSKRITI HAI KYA, PARYAVARAN SANGRAKSHAN, DHUMKETU	ST	14
	MODULE 2: POETRY BITI VIBHAWARI JAAG RI, SAVERE UTHA TO DHUP KHILI THI, UNKO PRANAM, TUTA HUA PAHIYA, TUMHARE SATH RAHKAR, HO GAI HAI PEER PARVAT SE.	ST	08
	MODULE 3: STORIES MUKTIMARG, INSPECTOR MATADIN CHAND PAR, WAPSI.	ST	10
	MODULE 4: PARIBHASHIK SHABDAWALI, PRASHASANIK BANKING SHABDAWALI (150 WORDS)	ST	02
	MODULE 5 : PRATIVEDAN LEKHAN (REPORT WRITING ON ANY UNSEEN TOPIC)	ST	06

BOOKS & REFERENCES:

1. HINDI PATH SANCHAYAN, CALCUTTA UNIVERSITY

^{*}There will be no Selection Test for Compulsory Hindi. The students will sit directly for the final examination that will cover the entire syllabus stipulated by the University of Calcutta.

Syllabus and regulations of the 3-year Hons/General Degree Course of Studies in Environmental Studies (100 marks)

2016-2017

A. Theoretical Portion

- 1. 25 MCQ type questions be set 1 mark each25 Marks
- 2. 5 Paragraphs of 10 Marks each50 Marks

B. Field Work

Concerned colleges will organize the field work of 25 marks independently and send the marks to the university.

UNIT 1: The Multidisciplinary Nature of Environmental Studies

Definition, scope and importance. Need for public awareness.

UNIT 2: Natural Resources:

Renewable and non-renewable resources:

Natural resources and associated problems.

- a) Forest resources
- b) Water resources
- c) Mineral resources
- d) Food resources
- e) Energy resources
- f) Land resources
 - Role of an individual in conservation of natural resources.
 - Equitable use of resources for sustainable lifestyles.

UNIT 3: Ecosystems

- Concept of an ecosystem
- Structure and function of an ecosystem
- Producers ,consumers and decomposers
- Energy flow in the ecosystem
- Ecological succession
- Food chains, food webs and ecological pyramids.
- Introducing, types, charecteristics, features, structure and function of the following ecosystem:
 - a) Forest ecosystem
 - b) Grassland ecosystem
 - c) Desert ecosystem
 - d) Aquatic ecosystem(Ponds, streams, lakes, rivers, oceans, estuaries)