

**3RD ANNUAL QUALITY ASSURANCE REPORT (AQAR)
2013-14**



**FOR
SUBMISSION TO
NATIONAL ASSESSMENT & ACCREDITATION COUNCIL
BANGALORE**

by
Internal Quality Assurance Cell (IQAC)
RAMTHAKUR COLLEGE (AFFILIATED)

NAAC EXECUTIVE COMMITTEE No.: EC/54/A&A/24, JAN' 08, 2011

Contents

Part – A

- | | |
|------------------------------------|-----|
| 1. Details of the Institution | 3-5 |
| 2. IQAC Composition and Activities | 6-9 |

Part – B

- | | |
|---|-------|
| 3. Criteria-wise Reports | 10-37 |
| 3.1 Criterion – I: Curricular Aspects | 10-11 |
| 3.2 Criterion – II: Teaching, Learning and Evaluation | 12-15 |
| 3.3 Criterion – III: Research, Consultancy and Extension | 16-22 |
| 3.4 Criterion – IV: Infrastructure and Learning Resources | 23-24 |
| 3.5 Criterion – V: Student Support and Progression | 25-28 |
| 3.6 Criterion – VI: Governance, Leadership and Management | 29-34 |
| 3.7 Criterion – VII: Innovations and Best Practices | 35-37 |
| 4. Annexure | 38-50 |
| 4.1 Academic Calendar 2013-14 | 38 |
| 4.2 Feedback Analysis | 39 |
| 4.3 Detailed List of Major Research Projects | 40 |
| 4.4 Detailed List of Minor Research Projects | 41 |
| 4.5 Detailed List of Publications in Journals | 42-43 |
| 4.6 Detailed List of Books Published | 44 |
| 4.7 Best Practices | 45-48 |
| 4.8 Abbreviations | 49-50 |

The Annual Quality Assurance Report (AQAR) of the IQAC Academic Year July 1, 2013 to June 30, 2014

The AQAR is an annual self-reviewed progress report submitted 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.

Part – A

1. Details of the Institution

1.1 Name of the Institution:	Ramthakur College
1.2 Address :	Badharghat , P.O. Siddhiashram, Dist. West Tripura
City/ Town:	Agartala
State:	Tripura
Pin Code:	799003
Institution Email Address:	ramthakur.college@rediffmail.com
Contact Numbers:	0381-237-0295
Name of the Head of the Institution (during 2013-14):	Acted 3 Principals
Name of the Head of the Institution (during submission):	Dr. Md. Mojahid Rahaman
Tel. No. with STD Code:	0381-237-0295
Mobile:	-
Name of the IQAC Co-ordinator (during 2013-14):	Sri Debajit Chakraborty
Name of the IQAC Co-ordinator (during submission):	Dr. Ruma Saha
Mobile:	-
IQAC E-mail Address:	iqacrtc@gmail.com

1.3 NAAC Track ID:

1.4 NAAC Executive Committee No. & Date:

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details:

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1.	1st Cycle	B	2.27	2011	till Jan' 07, 2016
2.	2nd Cycle	-	-	-	-
3.	3rd Cycle	-	-	-	-

1.7 Date of Establishment of IQAC :

1.8 AQAR for the year:

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

- 1. AQAR 2011-12 submitted to NAAC on 4-4-2012
- 2. AQAR 2012-13 submitted to NAAC on 14-5-2013

1.10 Institutional Status:

Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
Constituent College	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Autonomous college of UGC	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI)	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>

Type of Institution:

Co-education	<input checked="" type="checkbox"/>	Men	<input type="checkbox"/>	Women	<input type="checkbox"/>
Urban	<input checked="" type="checkbox"/>	Rural	<input type="checkbox"/>	Tribal	<input type="checkbox"/>

Financial Status:

Grant-in-aid	<input type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input checked="" type="checkbox"/>
Grant-in-aid + Self Financing	<input type="checkbox"/>	Totally Self-financing	<input type="checkbox"/>		<input type="checkbox"/>

1.11 Type of Faculty/Programme:

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input checked="" type="checkbox"/>	Law	<input type="checkbox"/>
PEI (Phys Edu)	<input type="checkbox"/>	TEI (Edu)	<input type="checkbox"/>	Engineering	<input type="checkbox"/>	Others	<input checked="" type="checkbox"/>

1.12 Name of the Affiliating University:

Tripura University (A Central University)

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

Autonomy by State/ Central Govt. / University		<input type="checkbox"/>	No
University with Potential for Excellence		<input type="checkbox"/>	No
UGC-CPE	<input type="checkbox"/>	DST Star Scheme	<input type="checkbox"/>
UGC-CE	<input type="checkbox"/>	DST-FIST	<input type="checkbox"/>
UGC-Special Assistance Prog.	<input type="checkbox"/>	Any other	<input type="checkbox"/>
		UGC-COP Programmes	<input type="checkbox"/>
		UGC-Innovative PG Programmes	<input type="checkbox"/>

2. IQAC Composition and Activities

2.1 Number of Teachers:

06

2.2 Number of Administrative/Technical staff:

02

2.3 Number of students:

Nil

2.4 Number of Management representatives:

Nil

2.5 Number of Alumni:

01

2.6 Number of any other stakeholder and community representatives:

Nil

2.7 Number of Employers/ Industrialists:

Nil

2.8 Number of other External Experts:

Nil

2.9 Total Number of members:

09

2.10 Number of IQAC meetings held:

2.11 Number of meetings with various stakeholders:

No.	<input type="text"/>	Faculty	<input type="text"/>	Students	<input type="text"/>	Alumni	<input type="text"/>
		Non-teaching staff	<input type="text"/>	Others	<input type="text"/>		

2.12 Has IQAC received any funding from UGC during the year?

Yes

No

If yes, mention the amount

×

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organised by the IQAC

Total Nos.	<input type="text" value="06"/>	International	<input type="text" value="-"/>	National	<input type="text" value="01"/>	State	<input type="text" value="01"/>
		Institution Level	<input type="text" value="04"/>				

(ii) Themes

1. One-day Seminar on ‘First Nobel Laureate in Inorganic Chemistry Alfred Werner’ was held on December 21, 2013 (Institutional).
2. One-day Symposium on ‘Transformation of Indian Economy into Colonial Economy with reference to the Land Revenue Settlements’ was held on December 21, 2013 (Institutional).
3. UGC sponsored two-day Seminar on ‘Inclusive Development Strategy and North East India’ was held on 11-12 January, 2014 (National).
4. One-day Symposium on ‘Adwaita Mallabarman: Jiban O Sahitya’ was held on December 20, 2013 (Institutional).
5. NAAC sponsored two-day Seminar on ‘Higher Education in Tripura: Prospects and Challenges’ in 2013 (State Level).
6. 7-day Workshop on ‘Effective Implementation of Smart Classroom’ in 2013 (Institutional).

2.14 Significant Activities and contributions made by IQAC

- ♦ Chalking out the plan of action towards quality enhancement and monitoring the achievement of outcome;
- ♦ Analyse quality parameters in terms of teaching-learning-evaluation;
- ♦ Arrangement for feedback responses from students on teaching-learning, quality-related institutional processes; evaluating teaching-learning process through feedbacks;
- ♦ Organisation of inter and intra institutional seminars, workshops, training programmes on quality related themes;
- ♦ Motivation and time to time circulation of information to the faculty members to participate in the faculty development programmes;
- ♦ Collected data from different departments/units/cells and prepared the Annual Report for the period from July 2013 to June 2014;
- ♦ Prepared the Annual Quality Assurance Report (AQAR) of the College for the period from July 2013 to June 2014.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action (Academic Year 2013-14)	Outcome
(1) Teaching-Learning - encourage learning centric environment	♦ Various practices such as monthly class test, question bank for slow learners and advanced learners, assignment, remedial classes to reform and

	<p>improve the student's success rate.</p> <ul style="list-style-type: none"> ♦ Feedback taken from students (by Head of the Departments, Academic Committee and IQAC) improves the academic system of the College. ♦ Feedbacks of student have been analysed. ♦ Eminent academicians are invited in Seminars/ Symposiums. ♦ Two teachers have participated in the Orientation Programme in the UGC-ASC, one teacher has participated in the Workshop and 26 teachers have taken smart class room training.
<p>(2) Proposal and plan to organise inter and intra institutional seminars/ workshops/ training programmes/ symposium and inviting eminent Professors</p>	<p>Seminars/ workshops etc. at national/ state/ institutional level were conducted across the Departments.</p> <ul style="list-style-type: none"> ♦ Institutional Workshop: (1) Seven-day Workshop on 'Effective Implementation of Smart Classroom' organised by IQAC in 2013. ♦ State Level Seminar: (2) NAAC sponsored two-day Seminar on 'Higher Education in Tripura: Prospects and Challenges' organised by IQAC in 2013. Thirteen papers were presented in the seminar. ♦ Institutional Symposium: (3) Organised by the Department of Bengali on 'Adwaita Mallabarman: Jiban O Sahitya' was held on December 20, 2013. Two eminent Professors delivered talks. (4) Organised by the Department of History on 'Transformation of Indian Economy into Colonial Economy with reference to the Land Revenue Settlements' was held on December 21, 2013. An eminent Professor and Head of the Department delivered talks. ♦ Institutional Seminar: (5) Organised by the Department of Chemistry on 'Commemorating 100th Year of First Nobel Laureate in Inorganic Chemistry, Alfred Werner' was held on December 21, 2013. Two eminent Professors delivered talks on that

	<p>memorable event.</p> <p>♦ National Seminar: (6) Jointly organised by Departments of Economics and Commerce a UGC sponsored two-day Seminar on 'Inclusive Development Strategy and North East India' on 11-12 January, 2014. 25 papers were presented in the seminar.</p>
(3) To boost research activities among the faculty and encourage them to submit major and minor research project proposals to various funding agencies.	<p>♦ One faculty of the Department of Chemistry received 1 (one) major research project entitled "Synthesis, Donors" funded by SERB-DST, New Delhi, Government of India on 27/11/2013 for 2 (two) years (17/12/2013-31/12/2015). 'Synthetic Inorganic Research Laboratory' in the Physical Science Block is established under this project. One (1) project fellow, named Mr. Sanjit Sutradhar is working under this project. One (1) paper in the peer reviewed international journals under Taylor & Francis publication have been published under this project.</p>
(4) Computer and internet access and training to teachers & students	<p>♦ Seven-day training to faculty members on 'Effective Implementation of Smart Class Room' imparted by IQAC in 2013. 26 teachers were participated in the workshop.</p>
(5) Feedback from Stakeholders	<p>♦ Feedback was taken from the students of Batch (2013-14) and analysed.</p>

* Attached the Academic Calendar of the year as Annexure 4.1

2.16 Whether the AQAR was placed in statutory body:

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
Management	<input type="checkbox"/>	Syndicate	<input type="checkbox"/>
		Any other body	<input type="checkbox"/>

Provide the details of the action taken:

Govt. Degree College of Tripura has no statutory body. The AQAR has been discussed among the members of IQAC. Various members suggested necessary correction and addition.

Part-B**3.1 Criterion – I : Curricular Aspects**

1.1 Details about Academic Programmes:

Regular Mode:

UG (Annual System) – B.A.(Honours), B.Com.(Honours), B.Sc.(Honours), B.A., B.Com., B.Sc.

Distance Mode :

UG (Annual System) – B.A.

PG – BLIS

Level of the Programme	Number of existing Programmes	Number of Departments added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D.	Nil	Nil	Nil	Nil
PG	01	Nil	Nil	Nil
UG (Regular)	06	Nil	Nil	Nil
UG (Distance)	01	Nil	Nil	Nil
PG Diploma	Nil	Nil	Nil	Nil
Advanced Diploma	Nil	Nil	Nil	Nil
Diploma	Nil	Nil	Nil	Nil
Certificate	Nil	Nil	Nil	Nil
Others	Nil	Nil	Nil	Nil
Total	08	Nil	Nil	Nil
Interdisciplinary	Nil	Nil	Nil	Nil
Innovative	Nil	Nil	Nil	Nil

1.2 (i) Flexibility of the Curriculum:

CBCS/ Core/ Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of Programmes
Semester	Nil
Trimester	Nil
Annual	08

1.3 Feedback from stakeholders*
(On all aspects)

Alumni Parents Employers Student

Mode of feedback:

Online Manual Co-operating schools (for PEI)

**Provided an analysis of the feedback in the Annexure 4.2*

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

The College is affiliated to the Tripura University and follows the Syllabi designed by the University. Yes, syllabus upgradation is regularly done by the University at an interval of 5 years.

- ♦ A major modification, from (2+1) System to (1+1+1) Annual System with revision/update in the structure of syllabi for all UG level programmes has been carried on as per Tripura University guidelines during last five years.
- ♦ It was finalised that from (1+1+1) Annual System to Six-Semester Choice Based Credit System Degree Programme with revision/update in the structure of syllabi for all UG level programmes is to be introduced as per Tripura University guidelines from the coming academic session (2014-15).

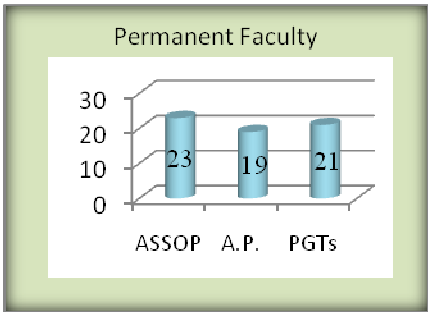
1.5 Any new Department/Centre introduced during the year. If yes, give details.

No, new department/centre has not been introduced during this period.

3.2 Criterion – II : Teaching, Learning and Evaluation

2.1 Total number of permanent faculty:

Designation	Number
Assistant Professors (A.P.)	19
Associate Professors (ASSOP)	23
Professors	*
Others (PGTs [#])	21
Total	63



* Post has not been created by the Government of Tripura.
[#] Post Graduate Teachers under Department of Higher Education.

2.2 No. of permanent faculty with Ph.D.: 18

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year (2013-14):

Assistant Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
Not applicable for Government Degree College of Tripura									

2.4 Number of Guest and Visiting faculty and Temporary faculty:

Designation	Number
Guest Faculty	28
Visiting Faculty	Nil
Temporary Faculty	Nil

2.5 Faculty (Permanent) participation in conferences and symposia :

Number of Faculty	International level	National level	State level
Attended	-	38	-
Presented papers	03	07	07
Resource Persons	-	-	-

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

Each faculty in the Department designs the teaching-learning style of their respective courses. Innovative techniques commonly used for teaching-learning in the Department include the following:

- ♦ Encourages student-centric learning through interactions with students and faculty members, group learning, tutorials, assignments.
- ♦ Internal Assessment and ICT enabled learning have introduced for all students.
- ♦ Study tour is conducted by the Bio-logical Science Departments to enhance learning process.
- ♦ For certain courses, use of Power Point presentations to illustrate concepts and websites for ease of access to consolidated information are also carried out.
- ♦ Encouraging and facilitating students in participating subject related competition, essay writing etc., exposure to write in wall magazine.

2.7 Total number of actual teaching days during this academic year: 180 days

2.8 Examination/ Evaluation Reforms initiated by the Institution:

(for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

As the College is affiliated to Tripura University, it follows the rules and regulations of the University for Annual Examination. The examination/evaluation methods are:

- ♦ From (2+1) System to (1+1+1) Annual System for all UG level programmes has been carried on as per Tripura University guidelines during last five years.
- ♦ Continuous evaluation comprises of three unit tests in an academic session, which is carried out as per Tripura University guidelines during last five years.

2.9 Number of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:

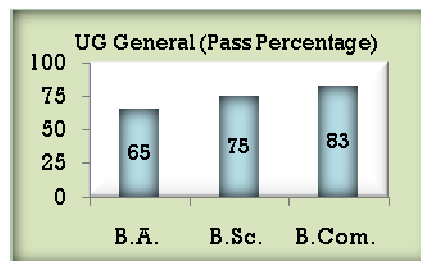
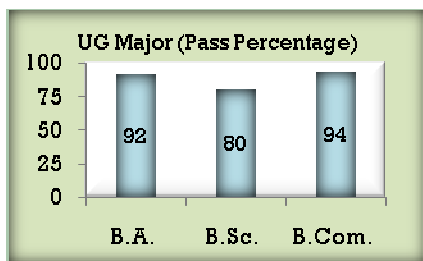
13

2.10 Average percentage of attendance of students: 75 %

2.11 Course/Programme-wise distribution of pass percentage:

Title of the Programme	Total no. of Students Appeared	Division (in percentage)				
		Distinction	I	II	III (P)	Pass
B.A. (Major)	181	This is not a part of the University result system	1.81	49.40	48.80	91.71
B.A. (General)	711		0.22	1.08	98.70	65.12
B.Sc. (Major)	45		27.78	52.78	19.44	80.00
B.Sc. (General)	12		0.00	88.89	11.11	75.00

B.Com. (Major)	31	6.90	20.69	72.41	93.55
B.Com. (General)	123	0.98	0.00	99.02	82.93



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

IQAC functions as an overall advisory body of the College for the betterment of the teaching-learning process. IQAC meetings are held from time to time where the strategies for the improvement of teaching-learning process are discussed through:

- ♦ Meeting all Head of the Departments and other members of the Academic Committee at the beginning of the academic session and at regular interval to work out/ monitor the teaching learning process of each course.
- ♦ Providing necessary inputs to the routine framing committee for the preparation of time-table.
- ♦ Providing necessary aids to the examination committee for conducting monthly & annual tests and University examinations smoothly;
- ♦ Preparing an academic calendar;
- ♦ Better utilisation of infrastructural facilities for seminar hall, laboratories, equipments, libraries, sports, NSS, NCC, cultural activities etc.
- ♦ Planning for recruitment of Guest Faculty for faculty-scarce Departments.
- ♦ Organising seminars/ workshops/ debates to spread awareness on academic and social issues for nurturing critical thinking and scientific temper among the students.
- ♦ Planning for introduction of new major and general courses at UG level.

IQAC monitors/evaluates the departments by:

- ♦ Analysing feedbacks from the students and providing suggestions to resolve problems, if any.

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of Faculty Benefitted
Refresher courses	Nil
UGC – Faculty Improvement Programme	Nil
HRD programmes	Nil
Orientation programmes	02

Faculty exchange programme	Nil
Staff training conducted by the College	26
Staff training conducted by other institutions	Nil
Summer / Winter schools, Workshops , etc.	01
Others	-

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	40	NA	NA	NA
Technical Staff	NA	NA	NA	NA
NA – Not available				

3.3 CRITERION – III: RESEARCH, CONSULTANCY AND EXTENSION

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

- ♦ Encourages the faculty members to participate in workshops, organised by the institution/ other institutions, on imbibing research climate like research and data analysis using statistical software, research methodology and preparation of proposal for minor/ major research project. Circulation & display of brochures of such workshops/trainings organised by other colleges/ universities.
- ♦ Encourages and motivates continuously the faculty members to apply for research grant/ project.
- ♦ Motivates the faculty members for research publications, articles, reviews and books.
- ♦ Plays key role in organising invited lectures from eminent academicians/ scientists in different fields.
- ♦ Motivates the Departments to submit Seminar proposals to different funding agencies/ institutions.

3.2 Details* regarding major projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	-	01	Nil
Outlay in Rs. Lakhs	-	-	12	-

* Detailed list is attached at Annexure 4.3

3.3 Details* regarding minor projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	01	Nil
Outlay in Rs. Lakhs	-	-	1.50	-

* Detailed list is attached at Annexure 4.4

3.4 Details* on research publications:

	International	National	Others
Peer Review Journals	6	9	-
Non-Peer Review Journals	-	1	-
e-Journals	-	-	-
Conference proceedings	-	-	-

* Detailed list is attached at Annexure 4.5

3.5 Details on Impact factor of publications:

Range	<input type="checkbox"/>	Average	<input type="checkbox"/>	h-index	<input type="checkbox"/>	Nos. in SCOPUS	<input type="checkbox"/>
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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	(17-12-2013 to 31-12-2015)	SERB-DST, Govt. of India	12 lakhs	11.50 lakhs
Minor Projects	(05-8-2013 to 23-7-2015)	UGC (NERO)	1.50 lakhs	1.185 lakhs
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	Nil	Nil	Nil	Nil
Students research projects	Nil	Nil	Nil	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total	-	-	13.50 lakhs	12.685 lakhs

3.7 Number of books published

Details*	Number
Books With ISBN No.	06
Books Without ISBN No.	02
Chapters in Edited Books	06

* Detailed list is attached at Annexure 4.6

3.8 Number of University Departments receiving funds from: **Not Applicable**

UGC-SAP	<input type="checkbox"/>	CAS	<input type="checkbox"/>	DIST-FIST	<input type="checkbox"/>	DPE	<input type="checkbox"/>	DBT Scheme/Funds	<input type="checkbox"/>
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3.9 For Colleges

Autonomy	Nil
CPE/CE	Nil
DBT Star Scheme	Nil
INSPIRE	Nil
Any Other (Specify)	UGC (NERO), SERB-DST

3.10 Revenue generated through consultancy:

3.11 Number of conferences/seminars/workshops organized by the Institution:

Level	International	National	State	University	College
Number	-	01	01	-	04
Sponsoring agencies	-	UGC	NAAC	-	College

3.12 Number of faculty served as experts, chairpersons or resource persons:

3.13 Number of collaborations:

Collaborations	Number
International	
National	
Any other	

3.14 Number of linkages (research) created during this year:

3.15 Total budget for research for current year (2013-14) in lakhs:

From Funding agency	3.86 lakhs
From Management of University/College	Nil
Total	3.86 lakhs

3.16 Number of patents received the year (2013-14):

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

3.17 Number of research awards/ recognitions received by **faculty** and research fellows of the institute in the year (2013-14):

Total	International	National	State	University	District	College
-	-	-	-	-	-	-

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

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

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

JRF SRF Project Fellows Any other

3.21 Number of students Participated in NSS events:

Level	No. of Students	Level	No. of Students
University	Nil	National	Nil
State	25	International	Nil

3.22 Number of students participated in NCC events:

Level	No. of Students	Level	No. of Students
University	Nil	National	10
State	12	International	Nil

3.23 Number of Awards won in NSS:

Level	No. of Students	Level	No. of Students
University	Nil	National	Nil
State	Nil	International	Nil

3.24 Number of Awards won in NCC:

Level	No. of Students	Level	No. of Students
University	Nil	National	Nil
State	Nil	International	Nil

3.25 Extension activities organized:

Forum/ Unit		Number
NSS		10
NCC		02
College	Science Forum	02
forum	RRC (under NSS unit)	01
University forum		-
Any other		-

3.26 Major Activities during the year (2013-14) in the sphere of extension activities and Institutional Social Responsibility:

The College has NSS unit, Red Ribbon Club (RRC) under NSS unit, NCC wing and Science Forum working under the guidance of Programme Officers for organising/participating in extension activities and for learning about social responsibility.

Major Efforts taken by the NSS Unit: (2013-14)				
List of Activities (Organiser)	Level	Date	No. of NSS Volunteers Participated	Awards/ Recognition
1. Participated in Pre-Republic Day Parade Camp at Assam Rifles ground, Tripura	State	Sept' 8, 2013	01	Puja Karmakar was selected for national level Republic Day camp in Delhi
2. Took part in the community network by participating in National Voluntary Blood Donation Day rally with the State NSS Unit	State	Oct' 1, 2013	20	Participated
3. Participated in Consumer Awareness Camp	State	Dec' 23, 2013	15	Participated
4. Participated in Republic Day Parade	State	Jan' 26, 2014	04	Participated
A 7-day Special Camp is organised by the NSS Unit during February (7-13), 2014. In this programme the Unit followed several social objectives which are listed below:				
Activities	Date	Venue	No. of NSS Volunteers Involved	
5. Organised a discussion on 'Importance & Significance of NSS'	Feb' 7, 2014	College Campus	Volunteers, many students, teaching and non-teaching staff	
6. Organised an awareness campaign on 'Save Water & Save Life' in nearby schools)	Feb' 7, 2014	Kabirajtilla School, Tripura	20	
	Feb' 8, 2014	Bardowali H.S. School, Tripura	20	
	Feb' 10, 2014	Badharghat H. S. School, Tripura	20	
7. Organised an awareness campaign on 'Dowry & Social Justice'	Feb' 9, 2014	Hapania H. S. School, Tripura	20	
8. Organised a visit to observe the renewable energy products	Feb' 10, 2014	Arkaneer, Shekerkote, Tripura	20	
9. Organised Eye Camp and Health Camp	Feb' 11, 2014	Charipara Club, A.D. Nagar, Agartala	25	

10. Initiatives to make the College campus & surrounding area clean	Feb'12, 2014	College campus	25
	Feb'13, 2014	College surrounding area	25
Major Activities by RRC under NSS Unit:			
List of Events (Organiser)	Level	Date	No. of Volunteers Participated
11. Observed World AIDS Day on 01.12.2013. The NSS volunteers prepared placards and participated in AIDS awareness campaign rally with the RRC, NACO, Tripura AIDS Control Society	State	Dec' 1, 2013	12
Activities jointly by Students' Union Council, N.S.S. Unit and N.C.C. Unit:			
12. Organised a Blood Donation Camp on August 7, 2013 in the College campus. 35 Units of blood were collected.			
Major Efforts taken by Science Forum:			
List of Activities (Organizer)	Level	Date	Awards/ Recognition
1. Participated in Inter-College & University Science Drama Competition Supported by: Tripura State Council for Science & Technology Organised by: Govt. Degree College, Dharmanagar, Tripura	State	(12-16) Dec', 2013	Ramthakur College achieved the <u>3rd position</u> . Madhumita Podder got the <u>Best Actress</u> prize.
2. Participated in Science Fair 2013-14 Organised by: Tripura State Council for Science & Technology at the premises of Children's Park, Agartala, Tripura	State	(28th Sep' to 1st Oct'), 2013	Two (2) models were displayed and presented. Ramthakur College (presented by the students of Department of Physics) got <u>2nd</u> prize.

Major Efforts taken by NCC Unit:

1. The NCC cadets rendered their services for successful completion of following **annual** programmes organised by our College, viz.
 - ◆ 15 cadets in Freshers' Welcome
 - ◆ 20 cadets in the Election to the Students' Union Council
 - ◆ 20 cadets in Admission process of the 1st Year Class
 - ◆ 10 cadets in Annual Sports
 - ◆ 10 cadets in Blood Donation Camp

Apart from this, the cadets also voluntarily took active part in many extension activities and community services like:

2. 10 cadets provided their assistance in popular Diwali Mela at Tripureswari Temple, Udaipur, Tripura.
3. 10 cadets provided their assistance in Durga Puja for controlling different traffic points at Agartala under the guidance of Traffic Police Department, Government of Tripura.
4. 10 Cadets rendered services in the Blood Donation Camp organised by the NSS unit, NCC Unit and Students' Union Council of the college. 13 cadets donated blood.

The NCC cadets also participated in various state/national level camps which are listed below:

List of Activities (Organizer)	Level	Date	No. of Cadets Participated
5. Attended Pre-Thal Sainik Camp (TSC) at Dergaon, Assam	National	Aug' (16-24), 2013	1 cadet
6. Attended RDC-01(IGC). Also attended inter-Group Competition	National	Sep' 30 - Oct' 9, 2013	2 cadets
7. Attended Shivaji Trail Trek at Kolhapur, Maharashtra	National	Nov' (20-29), 2013	10 cadets
8. Attended Rock Climbing Training Camp (RCTC) at Madhya Pradesh	National	Nov' 25 - Dec' 6, 2013	4 cadets
9. Attended Combined Annual Training Camp (CATC) at Shalbagan, Tripura	State	Jan' 27 - Feb' 5, 2014	4 cadets

3.4 CRITERION – IV : INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area (Acres)	6.34	-	DHE, Govt. of Tripura	6.34
Class rooms (No.)	28	-		28
Laboratories (No.)	18 [^]	01*	DHE & UGC ([^]) SERB-DST (*)	19
Seminar Halls (No.)	01	-	UGC (NERO)	01
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		01	UGC (NERO)	
Value of the equipment purchased during the year (Rs. in Lakhs)		7.0556 lakhs	UGC (NERO) SERB-DST	
Others		9.7991 lakhs	UGC (NERO) SERB-DST	

4.2 Computerisation of administration and library

- ♦ All sections of the college administration are computerised. There are five (5) computers to facilitate the administrative works. There are eight (8) administrative staff who have computer skill. Official interactions are partly made by the college administration through online with the Department of Higher Education and other departments/ organizations/ institutions.
- ♦ There is one computer in the library.

4.3 Library services:

Details	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	28754	-	16	0.0573	28770	-
Reference Books	11874	-	09	lakh	11883	-
e-Books	-	-	-	-	-	-
Journals	-	-	-	-	-	-
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall):

Details	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	39	3	3	2	-	5	9	-
Added	-	-	1	-	-	-	-	-
Total	39	3	4	2	-	5	9	-

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

- ♦ A seven-day training for the faculty members on 'Effective Implementation of Smart Class Room' was organised by IQAC in 2013.
- ♦ The College has a computer set up in Computer Labs, 9 (nine) Departments and Library. Students have access to these services.
- ♦ ICT enabled courses has been introduced in the 2008 revised syllabus in 4 (four) subjects like Physics, Chemistry, Mathematics and Commerce.
- ♦ The College offers Honours in Computer Science.
- ♦ The College has its own updated website.

4.6 Amount spent on maintenance in lakhs :

i) ICT:	0.1156 lakh
ii) Campus Infrastructure and facilities:	0.0958 lakh
iii) Equipments:	-
iv) Others:	-
Total :	0.2114 lakh

3.5 CRITERION – V: STUDENT SUPPORT AND PROGRESSION

5.1 Contribution of IQAC in enhancing awareness about Student Support Services:

- ▶ Providing information regarding various scholarships available for students from SC/ST, OBC and Economically Weaker Sections, directing and encouraging them to avail it.
- ▶ The Students' Union Council has various committees which take active part in various student support committees like Games & Sports Committee; Cultural Committee; Magazine Committee; Drama; Debate & Literary Activities Committee with elected representatives as Secretary and Assistant Secretary of those committees. Faculty members are assigned the charge of each of those committees. IQAC encourages both faculty members and students involved with these committees by disseminating information about student support services.
- ▶ Special Cells for student support are created at the time of admission and examination to provide assistance not only to the students but also to the aspiring candidates seeking admission to the college, their guardians and other stakeholders.
- ▶ IQAC ensures Anti-Ragging Cell and Sexual Harassment, Redressal & Grievance Cell.

5.2 Efforts made by the institution for tracking the progression:

Students are encouraged to participate actively in classes.
 Continuous assessment of progress through regular class tests, monthly tests, assignments.
 Evaluated answer scripts are shown to students for discussion and clarification.
 Extra/tutorial classes are taken to improve the understanding of students and clear doubts.

5.3 (a) Total Number of students:

UG	PG	Ph.D.	Others
3693	12	NA	NA
UG	No.	%	
Men	2161	58.52	
Women	1532	41.48	
Total	3693	-	

Gender	Number
Men	59
Women	41

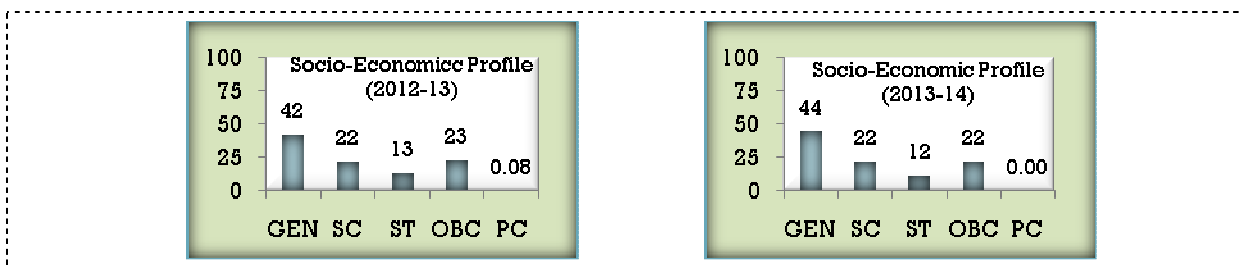
(b) Number of students from outside the state:

Nil

(c) Number of international students:

Nil

Number of Students: Last Year (2012-13)						Number of Students: This Year (2013-14)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1535	820	485	845	3	3688	1641	816	434	802	00	3693



Demand ratio
(No. of Students Admitted : No. of Applications)

Major = Dropout (in percentage)

General =

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

At present, the college does not have any support mechanism for coaching for competitive examinations.

Number of students beneficiaries:

5.5 Number of students qualified in these examinations:

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

5.6 Details of student counselling and career guidance:

The college has an admission counselling desk for students.

Number of students benefitted:

5.7 Details of campus placement:

On Campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
Nil	Nil	Nil	Nil

5.8 Details of gender sensitization programmes:

(1) Gender Sensitization Programmes/ Discussions in the Community:

(i) NSS Unit of the College organised an awareness generating campaign on 'Dowry & Social Justice' on 9th February, 2014 at Hapania Higher Secondary School, Tripura,

during the special camp of the Unit of the Academic Year (2013-14). 20 volunteers along with the NSS Programme Officer participated in the campaign.

(2) Gender Sensitization Discussions by the faculty members of Ramthakur College:

(ii) A paper entitled 'Inclusive Development of Women in North-East India' presented by Smt. Manisha Karmakar, Post Graduate Teacher in the National Seminar on 'Inclusive Development Strategy and North East India' held on (11-12) January, 2014.

(iii) A paper entitled 'Status of Women Education in India with Special Reference to Tripura' presented by Smt. Happy Majumder, Associate Professor-cum-NSS Programme Officer in the State Level Seminar on 'Higher Education in Tripura: Prospects and Challenges' in 2013.

(iv) A paper entitled 'Effect of Higher Education on Decision Making Power of Women' presented by Smt. Manisha Karmakar, Post Graduate Teacher in the State Level Seminar on 'Higher Education in Tripura: Prospects and Challenges' in 2013.

5.9 Students Activities:

5.9.1 Number of students participated in:

Events	Level	Number of Students Participated
Sports, Games and other events	State/ University	23
	National	01
	International	Nil
Cultural events	State/ University	02
	National	Nil
	International	Nil

5.9.2 Number of Medals /awards won by students in Sports, Games and other events:

Events	Level	Number of Students Won
Sports	State/ University	21
	National	Nil
	International	Nil
Cultural	State/ University	01
	National	-
	International	-

5.10 Scholarships and Financial Support:

		Number of Students	Amount (in Rs.)
Financial support from	Institution	-	-
	Govt.	State	928
		Central	
			Financial support under SC, ST and OBC

(Scholarships)			category stipend is directly credited SC/ST & OBC welfare Department, Govt. of Tripura to the students' individual Bank account under DBT scheme.
		Total	-
	Other sources	-	-
Number of students who received International/National recognitions		-	-

5.11 Student organised / initiatives:

Events	Level	Number	Initiatives
Fairs	<u>State</u> / University	01	Participated in State level Science Fair 2013-14 during (28 Sep' to 1 Oct'), 2013 at the premises of Children's Park, Agartala, Tripura Organised by Tripura State Council for Science & Technology. Two models (one each from Department of Chemistry & Department of Physics) were presented.
	National/ International	Nil	Nil
Exhibition	State/ University	Nil	Nil
	National/	Nil	Nil

5.12 Number of social initiatives undertaken by the students:

17

5.13 Major grievances of students (if any) redressed:

A Grievance Redressal Committee has been set up to promote cordial relations between the students and the College administration. No such complaints are reported.

3.6 CRITERION – VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 State the Vision and Mission of the institution

The vision and mission statement of the institution is imparting knowledge to develop scientific and analytical attitude, instilling social, human and moral values in the learner for enabling them to face the future. We also try to foster global competencies among students and help the students to quest for their excellence.

6.2 Does the Institution have a management Information System

No

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

6.3.1 Curriculum Development

- ♦ The College follows the curriculum guidelines of Tripura University.
- ♦ A major modification, from (2+1) System to (1+1+1) Annual System with revision/update in the structure of syllabi for all UG level programmes has been carried on as per Tripura University guidelines during last five years. Till the academic session 2013-2014 the annual pattern of (1+1+1) system has been followed.
- ♦ In the year, decision has been finalised between the affiliating University (Tripura University) and the State Government's Higher Education Department regarding the introduction of Credit Based Semester Degree Programme from the academic session 2014-15.
- ♦ Principal and two senior faculty members of the College participated in the state level Principal's meetings in 2014, conducted by the Tripura University. Theme: Credit Based Semester Degree Programme is to be introduced from the July, 2014. Thirteen (13) senior faculty members from the seven (7) departments actively participated in curricula restructuring/ revision/ syllabus development as member of Board of Undergraduate Studies/ curriculum development meeting.

6.3.2 Teaching and Learning

- ♦ Effective implementation of teaching-learning plan for classwise syllabus distribution, extra/ tutorial class arrangements, conducting quiz/ debate/ small group discussion, class room interaction between teacher-student & student-student are followed.
- ♦ Project-based learning is carried out by all science departments.
- ♦ Educational tour is carried out by Life Science Departments.
- ♦ Technology-enabled teaching-learning process is also followed.
- ♦ Teachers are deputed to enrich their knowledge through participation in staff development programmes conducted by other institutes (Two faculty members were

deputed to ASCs of different Universities in Orientation Programme/ Refresher Course. One faculty member was deputed in short-term training/ workshop.)

6.3.3 Examination and Evaluation

The College follows the examination/evaluation methods introduced by the affiliating University. Following strategies have been adopted:

- ♦ From (2+1) System to (1+1+1) Annual System for all UG level programmes has been carried on as per Tripura University guidelines from 2008 onwards. Till the academic session 2013-2014 the (1+1+1) Annual system has been followed.
- ♦ Continuous evaluation comprises of 3 (three) unit tests in an academic session, which is conducted as per Tripura University guidelines from the academic session 2009-10. Tentative time frame of unit tests is included in the Academic Calendar.
- ♦ The evaluated answer scripts of the unit tests are shown to the students individually, for their improvement.
- ♦ Results of unit tests are kept as records for future reference.

Following reforms is to be introduced from the academic session 2014-2015:

- ♦ Credit Based 6 Semesters Degree Programme.
- ♦ Decision has been finalised regarding the introduction of Internal Assessment from the academic session 2014-15 as per Tripura University guidelines.

6.3.4 Research and Development

- ♦ Provided infrastructural support such as library and laboratory, space for carrying out research work etc. Computer facility is provided in different segments of the College.
- ♦ Institutional support from the college authority is provided for smooth progress of research projects: autonomy to Principal Investigator for running the research projects, release of funds to the Principal Investigator as per instructions of funding agency,
- ♦ Teachers are encouraged to apply for research grant. One student-led major research project including an establishment of a research laboratory has been sanctioned by SERB-DST this year.
- ♦ On duty leave granted to the faculty members for attending professional Seminars, Conferences, and Workshops etc.
- ♦ Teachers are encouraged to take part in workshops/ seminars/ conferences and also motivated for research publications. During the year, 15 research papers were published in the peer-reviewed national/ international journals by the faculty. 7 (Seven) books and articles in edited books were also published by the faculty.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- ♦ The College has a separate building for library. Issuing library cards within 7 days of new admission. Procurement is done as per requirement and availability of funds.

6.3.6 Human Resource Management

- ♦ For the management of the students' affair, the College has a Students' Union which is elected annually as per the Department of Higher Education of State Government

directives.

- ♦ For overall management, the College has a Core Committee as well as IQAC monitors the aspects in the academic and administrative arena. The College has a Teachers' Council with different academic as well as administrative sub-committees coordinates curricular, co-curricular and extension activities. Find people with strong co-curricular/ extra-curricular skills and encourage them to organise sports/ social cultural events etc. Identify people with leadership skills and groom them with administrative responsibilities.
- ♦ UGC pay scale, annual increment and promotion to teachers, advance increment for M.Phil./ Ph.D. are followed as per UGC norms following the State Government directives.
- ♦ Self Appraisal Reporting system and evaluation of faculty members before promotion from one academic grade pay/ post to higher academic grade pay/ post are followed as per the Department of Higher Education of Government of Tripura directives.
- ♦ IQAC encouraged faculties to participate in the orientation and refresher courses. They were also encouraged to participate in different international/national seminars/workshops. They were also encouraged to get training on internet and computers according to their requirement. Teachers were also encouraged to participate in different short term training programmes to improve their skill/knowledge.

6.3.7 Faculty and Staff recruitment

- ♦ Faculties as Assistant Professor are recruited through Tripura Public Service Commission following the UGC norms and the norms of the State Government. Faculties as Post Graduate Teacher are recruited by Department of Higher Education, Government of Tripura.
- ♦ Guest faculties are recruited by the College itself for an academic session as per norms forwarded by the Department of Higher Education.
- ♦ Administrative staff and technical staff are recruited by the Department of Higher Education.

6.3.8 Industry Interaction / Collaboration

6.3.9 Admission of Students

- ♦ The admission notification is issued centrally as advertisement in leading newspapers by the Department of Higher Education of the State Government. The annual Prospectus contains detailed information about the courses, intake of students, eligibility criteria, and process of admission. Admission to undergraduate programmes in the Faculties of Arts, Commerce and Science are made on the basis of H.S.(+2) or equivalent academic performance as per the norms set by Tripura University. Reservation policy of

Government of Tripura is complied with, during the admission process.

- ♦ The selection of students to the institute is done through the Admission Committee through proper procedure of releasing merit lists (first, second and waiting list). Admission merit lists are uploaded in the College Website and published in the College Notice Board for transparency and for the convenience of students seeking admission to the College.

6.4 Welfare schemes for

Teaching Staff	General Provident Fund facilities; Group Insurances Scheme; Gratuity & pension facilities Quarter facility Benefits for special leave, maternity leave and paternity leave Medical reimbursement as per State Government norms
Non-teaching Staff	General Provident Fund facilities; Group Insurances Scheme; Gratuity & pension facilities Benefits for special leave, maternity leave and paternity leave Medical reimbursement as per State Government norms
Students	Post-Matric / Merit-cum-Means Scholarships for SC, ST, OBC, LIG, Girls and eligible students under State and Central Government schemes

6.5 Total corpus fund generated:

6.6 Whether annual financial audit has been done: Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	-	No	-
Administrative	Yes	A.G., Govt. of Tripura	No	-

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

For UG Programmes: Yes No

For PG Programmes: Yes No

The College does not offer PG programmes.

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

Efforts made by the University for Examination Reforms are:

The Affiliating University has conducted meetings during June 2014, comprising Principal and 2 senior faculty members of all its affiliated government degree colleges of the state & discussed the necessity for the improvement of examination system, from (1+1+1) system to CBCS. The Controller of Examination met in power-point interaction with students and teaching & non-teaching staff at some affiliated Colleges.

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

The University act does not provide for conferment of autonomy to its affiliated colleges.

6.11 Activities and support from the Alumni Association:

The College has an Alumni Association. It meets at least twice in a year. The activities and contributions of Alumni Association are:

- ◆ Guidance to the present Students' Council in regular academic activities.
- ◆ Participation in group activities, like Freshers' Welcome, Foundation Day celebration, Oath Taking function of Students' Council formation
- ◆ They have a plan for organising annual Mega Health camp

6.12 Activities and support from the Parent – Teacher Association

The College does not have an active and declared Parent-Teacher association. Parents of the students' response for various calls given by Heads of the Department / Head of the College, like

- ◆ The parents of the students with irregular attendance are informed departmentally about the attendance status. They are informed about the various activities like big cultural activities, Foundation Day celebration etc.
- ◆ Welfare schemes for the students are implemented with the guidance of parents like Post-Matric/ Merit-cum-Means Scholarships for SC, ST, OBC, LIG, Girls students.

6.13 Development programmes for support staff

- ◆ The support staff gets on duty permission to attend any training programme organised by other institute for augmenting their performance.
- ◆ Training/ participation of staff in various training/ seminar.
- ◆ Induction training for new appointees.
- ◆ Computer training for staff.
- ◆ Library automation through E-granthalaya software of NIC is the major development plan drive of the library.

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

- ♦ Green Campus: Plantation of sapling of different species and seasonal flower is a regular activity. The College maintains 13 specified areas for gardening as a part of developing an eco-friendly environment.
- ♦ Energy Conservation: Energy efficient building designs to maximize natural lighting and ventilation; Switching off lights and fans is a good practice of our students, teachers and non-teaching staff when rooms are unoccupied; Use of LCD monitors throughout the campus.
- ♦ Hazardous Waste Management: All hazardous wastes are collected by Agartala Municipal Corporation for recycling. Garbage-free college campus is a regular activity of the NSS unit.
- ♦ Water Harvesting: There are two small open water harvest bodies in the College. One is used for flora plantation for conducting practical classes by the Department of Botany. Another one is used for plantation purpose.

3.7 CRITERION – VII : INNOVATIONS AND BEST PRACTICES

7.1 Innovations introduced during this academic year which have created a positive impact on functioning of the institution. Give details.

- ◆ Students' feedback – It has improved the student-teacher relationship and helped the teachers to improve their teaching-learning methods. It has also created a transparent communication between the students and the teachers. At the same time, it has helped the College Administration to provide quality service in various areas like library, drinking water, cleanliness in the classrooms and toilets, canteen etc.
- ◆ Monthly tests in teaching-learning.
- ◆ Digitisation of library books.
- ◆ Felicitation of faculty members for their various achievements (like Ph.D, other research works) and students for their achievements in various arenas (like results, NSS).

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

- ◆ Students' feedback was taken
- ◆ Eminent academicians are invited in Seminars/ Symposiums.
- ◆ Arrangement for institutional support for conducting Seminar/ Symposium/ Workshop
- ◆ Conducted ICT enabled trainging for faculty members.
- ◆ Research papers published.
- ◆ Discussion conducted with the students and with the faculty members about the semester system which will be implemented from the academic session 2014-15.
- ◆ Discussion in the IQAC meeting with the faculty members, IQAC meeting with the students / students' council about the semester system which will be implemented from the coming academic session.

7.3 Give two Best Practices of the institution

Best Practice-1: Learning Community Service through Voluntary Blood Donation

Best Practice-2: Promotion of Environmental Consciousness

**Details are provided at Annexure 4.7*

7.4 Contribution to environmental awareness / protection

- ♦ Regular plantation of trees
- ♦ Environmental awareness and sensitisation campaign both the student and the community around the college regarding sustainable environment through organising discussion, drama, rally etc.

7.5 Whether environmental audit was conducted?

Yes No

7.6 Other relevant information of the institution:

Strengths

- ♦ Strength of the College lies in respect of enrolment of students, large green campus with floral species in different areas enclosed within the campus, a good number of qualified and dedicated teachers, hard-working and committed non-teaching staff, cooperating Students' Council.
- ♦ Good leadership of the Principal as Head of the Institution
- ♦ Imparting education at an affordable cost supported by different scholarship schemes provided by the Government.
- ♦ Provision of Departmental Library.
- ♦ Provision of appreciable service of drinking water and sanitation to students, faculty members and non-teaching staff at different parts of the College
- ♦ A ragging free campus
- ♦ Taking part in different social activities through NSS, NCC and Students' Union Council

Weaknesses

- ♦ Being an affiliated college, there is no autonomy in academic reforms. Being a government-funded college, there is no autonomy in administrative and financial reforms as and when needed by the College. These in turn hamper the necessary growth of the College in terms of teaching-learning and infrastructure development.
- ♦ No add-on courses
- ♦ No placement cell
- ♦ No land area earmarked for students' hostel

Opportunities

- ♦ Creating a *Green* eco-friendly campus
- ♦ Involving students in co-curricular & extension activities: Cultural Activities, Games & Sports, National Service Scheme (N.S.S.) or National Cadet Corps (N.C.C.), Red Ribbon Club, Science Forum
- ♦ Participation in the intra-inter college/ state level/ district level discussion, sports competition, drama competition, cultural activity competition

- ♦ Establishment of an inorganic research laboratory in the Department of Chemistry
- ♦ Financial support to students in terms of scholarships

Challenges

- ♦ To attract students to traditional courses
- ♦ To attract economically, socially and educationally backward rural students
- ♦ To provide modern facilities in laboratories to the students.
- ♦ To develop physical infrastructure.

8. Plans of the institution for the next year:

Ramthakur College is planning

- (1) To provide internet connection to all Departments.
- (2) To conduct more institutional, state and national level seminars/ workshops/ training programmes/ symposiums.
- (3) To boost research activities among the faculty and encourage them to submit major and minor research project proposals to various funding agencies.
- (4) To provide spacious departmental room to the Departments of Commerce and Political Science.

Name Sri Debajit Chakraborty
(during 2013-14)

_____sd/-_____

Signature of the Coordinator, IQAC

Name Acted 3 Principals
(during 2013-14)

(1st – retired, 2nd – expired, 3rd - transferred)

___ signature was not taken ___

Signature of the Chairperson, IQAC

Name Dr. Ruma Saha
(during submission)

_____sd/-_____

Signature of the Coordinator, IQAC

Name Dr. Md. Mojahid Rahaman
(during submission)

_____sd/-_____

Signature of the Chairperson, IQAC

Academic Calendar 2013-14
(Tentative)

Annexure 4.1

Date	Programme
July, 2013	Admission process to I year class continues upto July 3, 2013 II, III year classes T.C. Meeting-1 (1st week) I year classes begin from July 8, 2013 Library card issue to I year class on (14-23) August, 2013
August	I, II, III year classes T.C. Meeting-2 (1st week)
September	I, II, III year classes T.C. Meeting-3 (1st week) IQAC Meeting-1 with teachers (1st week) Class Test-1 for I, II, III year classes
October	Puja Vacations on (10-31) October, 2013 I, II, III year classes
November	I, II, III year classes T.C. Meeting-4 (1st week)
December	I, II, III year classes T.C. Meeting-5 (1st week) IQAC Meeting-2 with teachers (1st week) Departmental/Institutional quiz/assignments/tutorial classes/ seminars/workshops/conferences Class Test-2 for I, II, III year classes
January, 2014	I, II, III year classes T.C. meeting-6 (1st week) Study Tour – Biological Science Departments National Seminar – Economics & Commerce
February	I, II, III year classes T.C. Meeting-7 (1st week) Final test for I, II & III year classes Tripura University practical examinations for science departments
March	T.C. Meeting-8 (1st week) IQAC Meeting-3 with teachers (2nd week) Tripura University Part-I, II & III examinations begin (3rd week)
April	Tripura University Part-I, II & III examinations continue
May	Summer vacations begin from May 10 (approx.), 2014 Tripura University Part-I, II & III examinations upto 3rd week
June	Summer vacation upto June 8 (approx.), 2014 T.C. Meeting-9 (2nd week) IQAC Meeting-4 with teachers (2nd week) Annual Prospectus publication Admission to II, III year classes begin Semester I class admission process starts

Students' Feedback Analysis

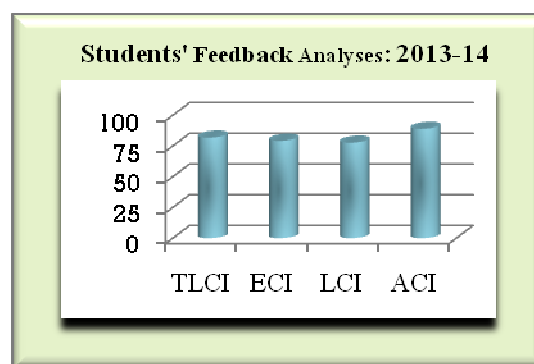
Annexure 4.2

The College uses the manual feedback system for collecting students' responses under four headings: Teaching-Learning, Evaluation, Library and Administration. The proforma is designed in such a way that students could easily understand and answer without problem. The responses of all Part III students of the batch 2013-14 are considered here. Filled in feedback forms are taken for analysis. Students simultaneously at on one day put their responses on the teaching-learning process, evaluation process, library services and administration friendly & hygienic services practiced/provided by the College.

The students are asked to put their responses against the options, 'Yes/Almost/Little/No' on ten simple questions regarding Teaching-Learning process based on which Teaching-Learning Composite Index (TLCI) is constructed. The students put their responses about evaluation process on three questions against the same options based on which Evaluation Composite Index (ECI) is constructed. They are asked to put their responses against the options, 'Regular/Occasionally/Never' on three simple questions regarding library services based on which Library Composite Index (LCI) is constructed and against the options, 'Yes/No' on five simple questions about administration, based on which Administration Composite Index (ACI) is constructed.

The students' responses are analysed by the IQAC Committee and it is monitored under the chairmanship of the Principal and feedback is discussed in the meeting of IQAC and Head of the Departments. The analysis is illustrated in the following table.

Indicators	Value
1. Teaching-Learning Composite Index (TLCI)	81.81
2. Evaluation Composite Index (ECI)	79.25
3. Library Composite Index (LCI)	77.68
4. Administration Composite Index (ACI)	88.97



Impact of this Practice:

It improves the student-teacher relationship; helps the teachers to improve their teaching-learning methods; creates a healthy communication between the students and the teachers; develops the skill of evaluation; helps the college administration to provide quality service in diverse areas like library, drinking water, cleanliness in the classrooms and toilets, canteen etc.

Detailed List of Major Research Projects

Annexure 4.3

Number	Principal Investigator	Title of the Project [Tenure of the Project]	Funding Agency	Grant Received (in Rs. Lakhs)
Completed = Nil	-	-	-	-
Ongoing = 01	Dr. Arijit Das, Department of Chemistry	Synthesis, Characterization, Luminescent Properties and Biological Activity Studies of mixed ligand complexes of some Transition Metal ions with Nitrogen and Sulphur Donors [for 2 years from the date 17/12/2013]	SERB-DST, Govt. of India, New Delhi	Rs.11.50 lakhs
Sanctioned = Nil	-	-	-	-
Submitted = Nil	-	-	-	-

Detailed List of Minor Research Projects

Annexure 4.4

Number	Principal Investigator	Title of the Project [Tenure of the Project]	Funding Agency	Grant Received (in Rs. Lakhs)
Completed = Nil	-	-	-	-
Ongoing = 01	Dr. Dipankar Majumdar, Department of Physical Education	A Study on Physical Fitness Anthropometric Body composition and Psychological Profile of 1 st Division Tribal Soccer Players of North-Eastern State Tripura [for 2 years from the date 07/05/2013]	UGC (NERO)	1,18,500/-
Sanctioned = Nil	-	-	-	-
Submitted = Nil	-	-	-	-

Detailed List of Publications in Journals

Annexure 4.5

4.5.1 List of Publications in Peer-reviewed International Journals

Department of Chemistry

- (1) Das, Arijit (corresponding author) 2014. 'Rapid calculation of the number of π -bonds, σ -bonds, single and triple bonds in aliphatic unsaturated open chain and cycloalkynes', *World Journal of Chemical Education*, 2(1), pp.1-3, January, SEP, USA, DOI:10.12691/wjce-2-1-1.
- (2) Das, Arijit 2013. 'New Methods for the prediction of Magnetic Moment of homo and hetero nuclear mono and diatomic molecules or ions without MOT-A Rapid Innovative Approach', *International Journal of Advance Research in Applied Chemistry*, SCI Pub., 01(10), pp.1-7, October, ISSN (online): 2320-9178.
- (3) Das, Arijit (co-author) 2013. 'Simultaneous Equations as a Tool in the Spectrophotometric Analysis of Two Non-interacting Substances in a Binary Mixture: Senior Undergraduate Physical and Physical-Organic Chemistry Laboratory Experiment', *Journal of Laboratory Chemical Education*, 1(4), pp.59-64, December, SAP, USA, DOI: 10.5923/j.jlce.20130104.01.
- (4) Das, Arijit (corresponding author) 2013. 'A rapid and innovative method for the identification of aromatic and anti-aromatic nature of organic compounds', *World Journal of Chemical Education*, 1(1), p.6, September, SEP, USA, DOI: 10.12691/wjce-1-1-2.

Department of Mathematics

- (5) Gupta, Mousumi (co-author, first author) 2014. 'Study of Existing Fuzzy Goal Programming Method: New Idea', *International Journal of Innovation and Scientific Research*, 7(2), pp.155-162, ISSN: 2351-8014.

Department of Physical Education

- (6) Majumdar, Dipankar 2014. 'Yoga in Vedic Literature & Its Scientific Effects in Modern Life Style', *Journal of Current Science & Humanities*, Vol.1, Issue 3, Jan'-Mar' (2014), ISSN: 2347-7784, e-ISSN: 2347-7792.

4.5.2 List of Publications in Peer-reviewed National Journals

Department of Chemistry

- (1) Das, Arijit (co-author) 2014. 'Synthesis and Characterization of mixed ligand complexes of Co(II) ion with some N and S donor', *IOSR - Journal of Applied Chemistry (IOSR-JAC)*, Vol.7, Issue 4 (1), PP.24-29, April, e-ISSN: 2278-5736, DOI: 10.9790/5736-07412429, ANED - DDL (American National Engineering Database Digital Data link) No: 23.5736/iosr-jac-E07412429.
- (2) Das, Arijit (co-author) 2014. 'Supramolecular Chemistry and Its Application' (Review Article) Prayas, *Journal of Multidisciplinary Area*, Vol-01(01), pp.72-78, February, Online ISSN: 2348-618X.
- (3) Das, Arijit 2013. 'Simple Thinking Makes Chemistry Metabolic and Interesting - A Review Article' *IOSR-Journal of Applied Chemistry (IOSR-JAC)* (TIE UP WITH NASA and ANED), Vol.6, Issue 4, PP.08-15, November-December, e-ISSN: 2278-5736, DOI-10.9790/5736-0640815.

- (4) Das, Arijit 2013. 'New methods for prediction of Bond order of mono and diatomic homo and hetero Nuclear molecules or ions with (1-20)e-s and Oxide based acid radicals –An innovative approach', *Indian Journal of Applied Research*, 3(11), pp.41-43, October, IF: 0.8215.
- (5) Das, Arijit 2013. 'A rapid and innovative method for the easy prediction of Magnetic behavior of homo and hetero nuclear mono and diatomic molecules or ions without MOT', *Indian Journal of Applied Research*, 3(10), p.1, October, IF: 0.8215.
- (6) Das, Arijit 2013, 'New innovative methods for determination of spin multiplicity, spin state and Magnetic properties of diatomic heteronucler molecules or ions in a very short Interval of time', *Indian Journal of Applied Research*, 3(8), p.67, August, IF: 0.8215.
- (7) Das, Arijit 2013. 'New innovative methods for determination of IUPAC nomenclature of spiro and bicyclo compounds in Organic Chemistry', *Indian Journal of Applied Research*, 3(7), p.596, July, IF: 0.8215.
- (8) Das, Arijit 2013. 'New innovative methods for prediction of bond order of mono and diatomic molecules, ions and also acid radicals in a very short time', *Indian Journal of Applied Research*, 3(7), p.594, July, IF: 0.8215.
- (9) Das, Arijit 2013. 'New Innovative Methods for prediction of hybridization State in a very short time', *Indian Journal of Applied Research*, 3(7), p.114, July, IF: 0.8215.

4.5.3 List of Publications in Non-Peer Reviewed National Journals

Department of Commerce

- (10) Das, Sanjoy (co-author, first author) 2014. 'An Analysis of Growth and Development of Higher Education in Tripura: A Review', *Tripura Journal of Social Science*, Vol.I, January 2014, pp.93-101, ISSN: 2357-5854.

4.5.4 List of Other Publications [Articles in National Reputed Magazines]

Department of Philosophy

- (11) Das, Anamika 2013. 'Marriage System in Tripuri Tribes' in *Garia Buddha Samskriti Samsad: Attadeep*, Calcutta, pp.194-200, ISSN: 2319-2615.

Detailed List of Books Published

Annexure 4.6

4.6.1 Books:

Department of Bengali

- (1) Das, Sutapa 2014. Path Pratikria : Buddhadev Basur Tapashwi O Tarangini, ISBN: 978-81-89 742-89-8.

Department of Hindi

- (2) Debbarma, Bina 2014. Rajasthani Evam Kokborok Bhasha Ke Lokgeeto Ka Tulanatmak Adhyan, ISBN: 978-81-8268-119-4 (Rajasthan: Nabjiban Publication).

4.6.2 Articles in Edited Books:

Department of Bengali

- (3) Das, Sutapa 2014. 'Bankimchandrera Indira O Samarthyer Dwairath', in Mahabubul Haque (ed.) Bankim Biksha, ISBN No: (Bangladesh: Chitagang University).

Department of Commerce

- (4) Deb, Ratan (co-author, first author) 2013. 'Cluster Policy and Promotion of Entrepreneurship in North East India: A Study with Special Reference to Handicraft Clusters of Tripura' in Sasi Mishra, Dinesh Awasthi, & Ganapathi Bathani (eds.), Tenth Biennial Conference of Entrepreneurship, Vol.1, pp.26-35, ISBN: 978-93-80574-48-6 (Delhi: Bookwell).

Department of Philosophy

- (5) Das, Anamika 2014. 'Panchayat Systems in Tripura - Its Evolution' in Prabir Datta (ed.), *Local Self-Government in India*, pp.79-85, ISBN: 978-93-81563-50-2 (Andhra Pradesh: Global Publishing House).
- (6) Majumdar, Dipankar 2014. 'Swami Vivekananda Monk and Musician' in Chandrika Basu Majumder & Ramkrishna Pradhan (eds.), Swami Vivekananda: The Man and His Message, pp.67-72, ISBN- 978- 93-82835-19-6 (New Delhi: Axis Books Pvt. Ltd).

4.6.3 Articles in Edited Books [Seminar Proceedings]:

Department of Economics

- (7) Bhattacharjee, Kalyani 2013. 'Economic Ideas of Ancient India with Special Reference to Manusamhita', in Triptimoy Chakraborty (ed.), *Relevance of Sanskrit in Modern Literature*, pp.84-99, ISBN: 978-81631-11-9.

4.6.4 Articles in Edited Books (without ISSN/ISBN):

Department of Bengali

- (8) Das (Halder), Khelan 2013. 'Colonel Mahim Thakur Rajgi Tripurar Aitihāsik Baktitya' in Adhikumar Baidya, Shyamal Chowdhury & Helen Debbarma (eds.), Colonel Mahim Thakur Janma Sardha Satabarshiki Smarok Grantha – 2013, ISBN: ×.

Best Practices

Annexure 4.7

Best Practice-1

1. **Title of the Practice:** Learning Community Service through Voluntary Blood Donation
2. **The Context:** Blood cannot be manufactured by machines; it can only come from generous donors. India as well as the state of Tripura suffers from the problem of blood shortage. To mitigate this problem, the NSS unit and Students' Council of Ramthakur College regularly organise voluntary blood donation camps. It connects academic programme with community service. The community-based learning is not only a desirable supplement to the students traditional classroom learning but also develops a sense of social responsibility, tolerance and cooperation. It develops linkage between theory and practice, between knowledge and action and between resources of the institution and the community.
3. **Objectives of the Practice:** The objectives of the practice are: (a) to involve students in social movements/activities which promote citizenship role and social networking skills; (b) to create linkage between institution of higher learning and community; (c) to mitigate the problem of blood shortage in the state of Tripura.
4. **The Practice:** The NSS Unit, NCC Unit and Students' Union Council of Ramthakur College organise voluntary blood donation camps every year with assistance from either the Blood Bank of Indira Gandhi Memorial Hospital or Gobinda Vallabh Pant Hospital, Tripura. A Doctor and three-to-five technical staff coordinate the blood camp. Doctor examines weight and primary health condition of each willing donor and technical staff collects blood from the donors. The collected blood is transported and stored in the Blood Bank. This practice is aimed at adequate supply of safe blood, and blood components, like blood group with contact number of the blood donors, are recorded for emergency need.
5. **Evidences:** During last four years (2010-11 to 2013-14):
2013 →
(1) BDC on August 7, 2013 – Organised Voluntary Blood Donation Camp (BDC) at College premises.

Date	Activity
Aug' 7, 2013 Organised by: Students' Union Council, N.S.S. Unit and N.C.C. Unit, Ramthakur College	NSS Programme Officer, Principal, Secretary of the Teachers' Council, G.S. of the Students' Council of the College, Medical Officer (In-Charge), Blood Bank, and Special Guest delivered speech. Number of Donors = 35

- (2) Rally on October 1, 2013 – NSS Unit of the College participated in rally on the eve of ‘National Voluntary Blood Donation Day’ with the State NSS Cell.

Number of participants – 10 NSS volunteers along with NSS Programme Officer

2012 →

- (2) Rally on October 1, 2012 – NSS Unit of the College participated in rally on the eve of ‘National Voluntary Blood Donation Day’ at Vivek Udyan with the State NSS Cell.

Number of participants – 08 volunteers along with NSS Programme Officer

- (3) October 3, 2012 – Participated in the Seminar-cum-cultural programme on the eve of ‘National Voluntary Blood Donation Day’ at Women’s College, Tripura organised by the State NSS Cell.

Number of participants – 3 volunteers of the College Unit participated in the cultural programme.

- (4) BDC on November 12, 2012 – Students’ Union Council, NSS Unit and NCC Unit of Ramthakur College organised Voluntary Blood Donation Camp at College premises.

Number of Donors = 49 persons.

2011 →

- (5) October 1, 2011 – Participated in the Seminar-cum-Blood Donation Camp on the eve of ‘National Voluntary Blood Donation Day’ at Women’s College, Tripura organised by the State NSS Cell – 2 NSS volunteers donated blood.

- (6) BDC on August 11, 2011 – Students’ Union Council, NSS Unit and NCC Unit of the College organised Voluntary Blood Donation Camp on the eve of *Khudiram Sahidan Diwas* (Martyrdom Day of Khudiram) at College premises.

Number of Donors = 36 persons (31 students including NSS and NCC volunteers. 2 non-teaching staff and 3 teaching staff including NCC Programme Officer) donated blood.

2010 →

- (7) June 14, 2010 – Observance of ‘World Blood Donors Day’ organised by DHE – 6 NSS volunteers along with Programme Officer participated.

- (8) September 12, 2010 – Participated in the Blood Donation Camp organised by Sree Sarada Samiti.

Number of Donors = 2 NSS volunteers.

- (9) BDC on October 8, 2010 - NSS unit jointly with Red Ribbon Club of the College organised Voluntary Blood Donation Camp at College premises.

Number of Donors = 41 persons (39 students including NSS and NCC volunteers. 1 non-teaching staff and 2 teaching staff) donated blood.

6. **Impact of the Practice:** This practice has an impact on students as well as teachers. It helps to grow personality development, moral education and social responsibility & social networking among the students. It also has an impact on the community. Donated blood is utilised by the community as and when required in the state hospitals.

7. **Problems Encountered:** No major problems encountered in the implementation of this practice.
8. **Resources Required:** This practice does not require any additional financial resources.

Some Photographic Evidences

Blood Donation Camp on August 7, 2013



Blood Donation Camp on August 11, 2011

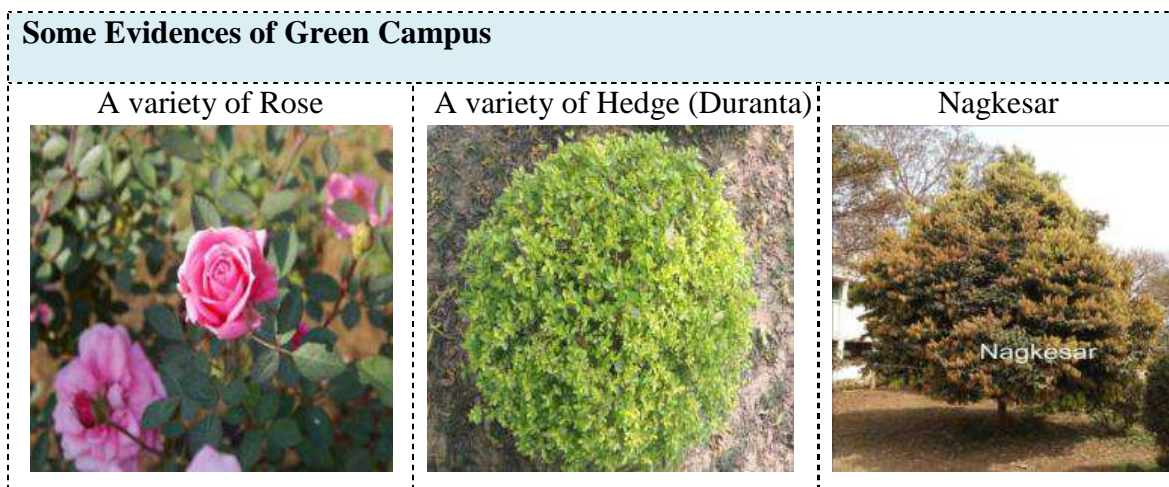


Best Practice-2

1. **Title of the Practice:** Promotion of Environmental Consciousness
2. **The Context:** The College is conscious about undertaking plantation work and maintaining cleanliness in and around the campus, thereby impacting on the health and environment.
3. **Objectives of the Practice:** The objective of the practice is to create a better learning atmosphere which makes the environment carbon neutral and helps to maintain the health of all the inmates.
4. **The Practice:** The plantation area of the College is spread over 12 plots with various plant species and colourful seasonal flowers. A canopy of large leafy trees provide shade and a beautiful ambience to the entire surrounding. Dr. Juthika Bhattacharjee, former Principal of the College was the key person for establishing this beautiful garden which was initiated in the year 2009. To make the campus eco-friendly various initiatives have been undertaken by the College. The College arranges special programmes for generating awareness among students.

5. **Evidence of Success:**

- ♦ There are more than 120 varieties with various plant species and colourful seasonal flowers in the College campus.



- ♦ To make the campus eco-friendly, efforts undertaken by the College are:
 - ✓ Arranges special programmes by inviting eminent personalities.
 - ✓ The NSS unit of the College undertakes various activities, like organising talk on several aspects, awareness campaign use and abuse of water, avoiding use of plastics, etc. during the period (7-13) February, 2014 (Refer to 3.26).
 - ✓ Science Forum of the College undertakes various activities, like participating in the annual science drama competition and annual science fair with awareness generating models (Refer to 3.26); celebrates National Science Day with multiple programmes.
 - ✓ NCC and Students Council celebrate annually Vanmahotsav Day with plantation and awareness generating programmes.

6. **Problems Encountered:** A minor hassle encountered is with regard to irrigating certain areas of garden in the summer season.

7. **Resources Required:** Adequate financial support.

8. **Contact Details:** The Principal
Ramthakur College
Badharghat, Agartala
Tripura - 799003
0381-237 0295 (O)
<http://www.ramthakurcollege.nic.in>
E-mail: iqacrtc@gmail.com

Abbreviations**Annexure 4.8**

A.P.	-	Assistant Professor
ASSOP	-	Associate Professor
CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
D.D.O.	-	Drawing and Disbursement Officer
DHE	-	Directorate of Higher Education
DPE	-	Department with Potential for Excellence
Govt.	-	Government
GATE	-	Graduate Aptitude Test
LIG	-	Lower Income Group
NET	-	National Eligibility Test
NIC	-	National Information Centre
NTS	-	Non-teaching Staff
OBC	-	Other Backward Community
PEI	-	Physical Education Institution
PGTs	-	Post Graduate Teachers
SAP	-	Special Assistance Programme
SC	-	Scheduled Caste

SF	-	Self Financing
ST	-	Scheduled Tribe
SLET	-	State Level Eligibility Test
TDPG	-	Three Year Degree Programme General
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
