

**7TH ANNUAL QUALITY ASSURANCE REPORT (AQAR)
2017-18**



**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

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The Annual Quality Assurance Report (AQAR) of the IQAC
Academic Year July 1, 2017 to June 30, 2018

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 2017-18):

Dr. Debabrata Goswami

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 2017-18):

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	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
3. AQAR 2013-14 submitted to NAAC on 14-12-2018
4. AQAR 2014-15 submitted to NAAC on 14-12-2018
5. AQAR 2015-16 submitted to NAAC on 14-12-2018
6. AQAR 2016-17 submitted to NAAC on 31-12-2018

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"/>

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

1.11 Type of Faculty/Programme:

Arts	<input type="checkbox"/> √	Science	<input type="checkbox"/> √	Commerce	<input type="checkbox"/> √	Law	<input type="checkbox"/> ×
PEI (Phys Edu)	<input type="checkbox"/> ×	TEI (Edu)	<input type="checkbox"/> ×	Engineering	<input type="checkbox"/> ×	Others	<input 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"/> No	DST Star Scheme
		<input type="checkbox"/> No
UGC-CE	<input type="checkbox"/> No	DST-FIST
		<input type="checkbox"/> No
UGC-Special Assistance Prog.	<input type="checkbox"/> No	Any other
		<input type="checkbox"/> No
		UGC-COP Programmes
		<input type="checkbox"/> No
		UGC-Innovative PG Programmes
		<input type="checkbox"/> No

2. IQAC Composition and Activities

- 2.1 Number of Teachers:
- 2.2 Number of Administrative/Technical staff:
- 2.3 Number of students:
- 2.4 Number of Management representatives:
- 2.5 Number of Alumni:
- 2.6 Number of any other stakeholder and community representatives:
- 2.7 Number of Employers/ Industrialists:
- 2.8 Number of other External Experts:
- 2.9 Total Number of members:
- 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"/>
	<input type="text"/>	Non-teaching staff	<input type="text"/>	Others	<input type="text"/>		<input type="text"/>

2.12 Has IQAC received any funding from UGC during the year* ? Yes No

If yes, mention the amount (in Rs. Lakh):

* Rs.3 lakh from UGC received in the XIIth Plan Fund and spent during the year (2017-18).

2.13 Seminars and Conferences (only quality related)

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

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

(ii) Themes

♦

2.14 Significant Activities and contributions made by IQAC

- ♦ Chalking out the plan of action in the beginning of the year towards quality enhancement and monitoring the achievement of outcome by the end of the year;
- ♦ 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 seminars, workshops, training programmes on quality related themes;
- ♦ Given computer to all departments;
- ♦ Given NMEICT provided 10 mbps speed internet connection to all departments of Arts, Science and Commerce, Library, all sections of the College office, Principal's room.
- ♦ Motivation and time to time circulation of information to the faculty members to participate in the faculty development programmes;
- ♦ Conducted orientation programme for staff;
- ♦ Collected data from different departments/units/cells and prepared the Annual Report for the period from July 2017 to June 2018;
- ♦ Arrangement for environmental audit of the college;
- ♦ Prepared the Annual Quality Assurance Report (AQAR) of the College for the period from July 2017 to June 2018.

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 2017-18)	Outcome
♦ Commemoration of Golden Jubilee celebration of Ramthakur College	♦ Golden Jubilee Ceremony of Ramthakur College was celebrated with 3-Day co-curricular activities and mega-cultural programmes on (15-17) July, 2017. On this occasion various academic activities, cultural activities, mass rally at morning, health awareness programme, blood donation camp, planting of sapling, sports events, Re-union of alumna were organized.

<ul style="list-style-type: none"> ♦ Teaching-Learning 	<ul style="list-style-type: none"> ♦ Various practices in continuous evaluation, special attention to slow and advanced learners improve the student's success rate. ♦ The feedbacks from the students have been reviewed and discussed suggested steps to improve overall teaching-learning process with the departmental heads. ♦ Feedback taken from students (by Head of the Departments, Academic Committee and IQAC) improves the academic system of the College.
<ul style="list-style-type: none"> ♦ Encourage enhancement of domain knowledge through workshop/ seminar/ others 	<ul style="list-style-type: none"> ♦ One day financial education workshop was conducted for the teaching and non-teaching staff by SEBI on 17-3-2018. <p>Faculty Innovative Skill Development</p> <ul style="list-style-type: none"> ♦ Sri Mihir Pal, Associate Prof., Ramthakur College participated in the National Competition on Essay Writing in Physics among Teachers during the year 2017 entitled 'Lasers Today a Century of Einstein's Stimulating Theory of Radiation' and got 2nd prize.
<ul style="list-style-type: none"> ♦ Proposal and plan to organise institutional/ state/ national/ international seminars/ workshops/ training programmes/ symposium and inviting eminent Professors 	<p>Conducted across the departments/ Forum/ Unit:</p> <ol style="list-style-type: none"> (1) Conducted an invited lecture on 'Bartaman Bharater Shilpaniti O Bhabiswat Prajanma' (2) Conducted a Scientist's Popular and Inspiring Talk on 8 Jan', 2018 by Science Forum of the College. The invited speaker was Dr. Subrata Bhattacharjee, Professor, Sari Diego State University, USA.
<ul style="list-style-type: none"> ♦ Research (Encouragement for applying research and research publication) 	<ul style="list-style-type: none"> ♦ Four faculty members pursuing individual doctoral research. ♦ Many faculty members participated in the National/ International seminar/ symposia/ conferences [refer to <i>Annexure 4.3</i>]. Many faculty members published research papers [refer to <i>Annexure 4.6</i>].
<ul style="list-style-type: none"> ♦ Felicitation of faculty members for various achievements (like Ph.D., other awards) 	<p>Felicitation by the Teachers' Council</p> <ul style="list-style-type: none"> ♦ Felicited Dr. Ivy Chaudhury, Associate Professor, Deptt. of English on 20th February, 2018 for being awarded Ph.D. degree.
<ul style="list-style-type: none"> ♦ Improvement in the Library 	<ul style="list-style-type: none"> ♦ The Library has undergone good infrastructural

Resources	improvement like (1) <u>Digitisation of Library</u> : Library automation through E-Granthalaya 4 software including barcoding has been completed for 13771 books. ♦ Library is connected with the INFLIBNET N-LIST Programme, e-Journal, e-Books system. Provided INFLIBNET N-LIST Programme, e-Journal, e-Books membership access to 23 faculty members.
♦ Conducting green audit	♦ Conducted
♦ Conducting Environmental status of the College	♦ Conducted Air Quality, Water Quality, and Noise level monitoring by TPCB, Agartala. They examined that water quality is good with respect to the prescribed standard. ♦ Conducted Green Audit by the Department of Botany of the College.

* 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 (Credit Based Six-Semester Degree Programme) – B.A.(Honours), B.Com.(Honours), B.Sc.(Honours), B.A., B.Com., B.Sc.

Distance Mode :

UG (Credit Based Six-Semester Degree Programme) – B.A.

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	Nil	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	07	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	07
Trimester	Nil
Annual	Nil

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.

- ♦ In Regular Courses, a major modification, from (1+1+1) Annual System to Credit Based Six-Semester Degree Programmes with revision/update in the structure of syllabi for all UG level programmes/courses is followed from the academic session 2014-15 onwards as per Tripura University rules and regulations.
- ♦ For the UG (Distance Mode), revised UG syllabi with the Credit Based Semester System was introduced in (2015-16).

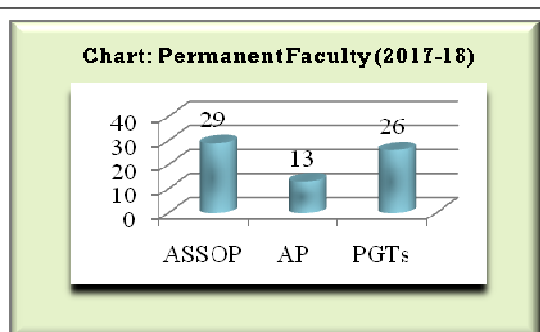
1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

3.2 Criterion – II : Teaching, Learning and Evaluation

2.1 Total number of permanent faculty:

Designation	Number
Assistant Professors (AP)	13 [^]
Associate Professors (ASSOP)	29 [^]
Professors	*
Others (PGTs [#])	26 [^]
Total	68



* Post has not been created by the Govt. of Tripura.

Post Graduate Teachers under Department of Higher Education.

[^] 1 (one) Associate Prof. is on lien to MBBU and 1 (one) Associate Prof., 2 (two) Assistant Prof. & 1 PGT are on deputation to other Govt. Colleges of Tripura.

2.2 No. of permanent faculty with Ph.D.: 28

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year (2017-18):

Assistant Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V

2.4 Number of Guest and Visiting faculty and Temporary faculty:

Designation	Number
Guest Faculty	18
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	-	-	-
Presented papers	05	07	01
Resource Persons	-	-	03

* Detailed list is attached at Annexure 4.3

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 different Departments include the following:

- ◆ Class presentations, assignments, take sessional examinations as part of continuous evaluation.
- ◆ Encouraging student-centric learning through interactions with students and faculty members, group learning (in some departments), tutorials, periodical assignments.
- ◆ Encouraging usage of ICT enabled resources in teaching.
- ◆ Encouraging & facilitating students in participating subject related competition, essay writing etc. (in some departments).
- ◆ Conducting field trips as part of study tour (in Bio-logical Science Departments) to enhance experimental learning process. Facilitating students in advanced research laboratory visits of the state and in-practical exposure.
- ◆ Use Innovative Mnemonics & ICT to remove Chemistry phobia from the students and make it metabolic, time economic and intriguing (in the Department of Chemistry).
- ◆ Exposure through Faculty Development Programmes, Seminars, Workshops.

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. Multiple Choice Questions were introduced in (2014-15).

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

14

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	Distinction	Division (in percentage)			Pass
			I [*]	II [^]	III [^]	
B.A. (Honours)	203		13.30			88.67
B.Sc. (Honours)	64		68.75			81.25
B.Com. (Honours)	19		Nil			52.63
B.A.	507		0.59			72.39
B.Sc.	42		30.95			69.05
B.Com.	103		3.88			88.35

* Division I includes Grade (CGPA) \geq A, i.e., Grade Point (6.00-10.00), i.e., secured \geq 60 in percentage.

[^] Division II & III are not the part of Semester result system of T.U..

UG Major (Pass Percentage): 2018

Programme	Pass Percentage
B.A.	89
B.Sc.	81
B.Com.	53

UG General (Pass Percentage): 2018

Programme	Pass Percentage
B.A.	72
B.Sc.	69
B.Com.	88

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

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.
- ♦ Providing necessary inputs to the routine framing committee for the preparation of time-table.
- ♦ Providing necessary aids to the examination committee for conducting internal assessments and University examinations smoothly;
- ♦ 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.
- ♦ Organizing seminars/workshops/debates to spread awareness on academic and social issues for nurturing critical thinking and scientific temper among the students.

IQAC monitors/evaluates the teaching-learning processes by:

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

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of Faculty Benefitted*
Refresher courses	01
UGC – Faculty Improvement Programme	Nil
HRD programmes	01
Orientation programmes	Nil
Faculty exchange programme	Nil
Staff training conducted by the College	Nil
Staff training conducted by other institutions	03
Summer / Winter schools, Workshops, etc.	01
Others	Nil

* Detailed list is attached at Annexure 4.4.

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	37	NA	NA	NA
Technical Staff	Nil	NA	NA	NA

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 imbining research climate 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 faculty members for research publications.
- ♦ 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	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details* regarding minor projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	01	01	Nil	
Outlay in Rs. Lakhs	1.185	1.70	-	

* Detailed list is attached at Annexure 4.5.

3.4 Details* on research publications:

	International	National	Others
Peer Review Journals	10	01	Nil
Non-Peer Review Journals	Nil	01	Nil
e-Journals			
Conference proceedings	Nil	Nil	Nil

* Detailed list is attached at Annexure 4.6

3.5 Details on Impact factor of publications:

Range	<input type="text"/>	Average	<input type="text"/>	h-index	<input type="text"/>	Nos. in SCOPUS	<input type="text"/>
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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	Nil	Nil	Nil
Minor Projects	Nil	Nil	Nil	Nil
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

3.7 Number of books published

Details*	Number
With ISBN No.	04
Without ISBN No.	
Chapters in Edited Books	

* Detailed list is attached at Annexure 4.7

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), RUSA

3.10 Revenue generated through consultancy: Nil

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

Level	International	National	State	University	College
Number	-	-	-	-	02
Sponsoring agencies	-	-	-	-	Science Forum(1), College (1)

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

03

* Detailed list is attached at Annexure 4.3.2.

3.13 Number of collaborations:

Collaborations	Number
International	
National	
Any other	

3.14 Number of linkages* created during this year:

02

* Detailed list of linkages is attached at Annexure 4.8.

3.15 Total budget for research for current year (2017-18) in lakhs:

From Funding agency	1.10
From Management of University/College	Nil
Total	1.10

3.16 Number of patents received the year (2017-18):

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

3.17 Number of research awards/recognitions received by faculty and research fellows of the institute in the year (2017-18):

Total	International	National	State	University	District	College
01	01	-	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides: and students registered under them: 3.19 No. of Ph.D. awarded by faculty from the Institution (**Other Institution**):

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

JRF	<input type="text" value="-"/>	SRF	<input type="text" value="-"/>	Project Fellows	<input type="text" value="-"/>	Any other	<input type="text" value="-"/>
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3.21 Number of students Participated in NSS events:

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

3.22 Number of students participated in NCC events:

Level	No. of Students	Level	No. of Students
University	-	National	02
State	30	International	-

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	-	National	02
State	30	International	-


3.25 Extension activities organized:




Forum/ Unit		Number
NSS		12
NCC		11
College forum	Science Forum	01
	RRC (under NSS unit)	01
University forum		-
Any other		01


3.26 Major Activities during the year (2017-18) in the sphere of extension activities and Institutional Social Responsibility:

The college has N.S.S. unit, Red Ribbon Club (RRC) under N.S.S. unit, N.C.C. wing and Science Forum working under the guidance of Programme Officers for organising/ participating in extension activities and for learning about social responsibility. Students are motivated to join in N.S.S. & N.C.C.

Sl. No	Name of the Activities	Date	Organising Unit	Number of Teachers Co-ordinated such Activiies	Number of Participants in such Activities
1.	Received State Level NSS Award, 2017-18	2017-18	Deptt. of Youth Affairs & Sports, Tripura State NSS Cell	01 Dr. Chandan Das, NSS Programme Officer	2 NSS volunteers participated: (1) Shyam Kishore Debnath and (2) Jhulan Marak
2.	Celebrated <i>National Deworming Day</i> (17th January, 2018) at Ramthakur College during (17-20)th January, 2018. NSS Programme Officer circulated posters and leaflets about the day to the College premises, Departments and Staff Rooms. The day celebrated on 20th January with a discussion by Programme Officer on the importance of the day. Volunteers distributed leaflets to students and one dose Albendazole IP 400mg tablet with proper instruction in assistance with Sri Biswajit Das, A.N.M., under C.M. Office.	20 Jan', 2018	NSS Unit of the College	02 1. Dr. Dipankar Majumdar, NSS Programme Officer 2. Dr. Ruma Saha, Coordinator, IQAC	300 students below 19 years of age of the College have taken pill.  
3.	Celebrated Republic Day at the open space of the library block. Flag hoisted by the Principal of the	26 Jan', 2018	NCC (Male) Wing of the College	01 Capt. Tarun Ghosh, Associate NCC Officer	Many students, teaching & non-teachig staff 

	College with the guest of honour of NCC cadets. A group of students, teaching and non-teaching staff were presented patriotic songs. Principal, V.P. of the Students' Council, Joint Secretaries of the Teachers' Council, Sri Debajit Chakraborty of the Deptt. of Economics, Dr. Mojahid Rahaman of the Deptt. of History, Dr. Samhita Das, Deptt. of Sanskrit delivered speech.				
4.	Participated in State Level Republic Day Parade at Assam Rifles Ground	26 Jan', 2018	Tripura State Rifles, Tripura	01 Dr. Dipankar Majumdar, NSS Programme Officer	8 NSS Volunteers
5.	Conducted awareness generating campaign on ill effects of Tobacco use as the part of National Tobacco Control Programme by Raj Laxmi Sub-Centre under Office of CMO (West) at Ramthakur College	14 Mar', 2018	NSS Unit of the College	01 Dr. Dipankar Majumdar, NSS Programme Officer	100 students 
6.	Participation in Training Programme on <i>Life skills, Leadership & Personality Development</i> for NSS Volunteers at SIPARD, Agartala, Tripura	(20-24) March, 2018	Regional Directorate of NSS, Guwahati in collaboration with Tripura State NSS Cell, Directorate of Youth Affairs & Sports, Govt. of Tripura	01 Dr. Dipankar Majumdar, NSS Programme Officer	Five (5) active NSS Volunteers attended
7.	Conducted HIV/AIDS Awareness Programme funded by Red Ribbon Club. Speech delivered by	29 Mar', 2018	Red Ribbon Club under NSS Unit of the College	01 Dr. Dipankar Majumdar, NSS Programme Officer	50 NSS Volunteers

	Prog. Officer on <i>Cause and Prevention of HIV/AIDS</i>				
8.	Participated in Mega Blood Donation Festival	18 June, 2018	Tripura State NSS Cell at Town Hall	01 Dr. Dipankar Majumdar, NSS Programme Officer	10 volunteers participated among which 4 volunteers donated blood.
Efforts taken by NSS Unit and NCC Wing:					
9.	Declaration of 'Pineapple' as State Fruit of Tripura by Honourable President of India, Shri Ram Nath Kovind	7 June, 2018	NSS Unit and NCC Male Wing of the College	02 1. NSS Programme Officer 2. Capt. Tarun Ghosh, Associate NCC Officer	35 volunteers of NSS Unit and NCC Wing
10.	Organised <i>International Yoga Day</i> at the College premises at 7:00 A.M. – Students, teaching and non-teaching staff practiced Yoga and Pranayama. Dr. Dipankar Majumdar was the instructor of Yoga and Ms. Papri Ray was the instructor of Pranayama.	21 June, 2018	NSS Unit and NCC Male Wing of the College 	04 1. Dr. Dipankar Majumdar, NSS Programme Officer 2. Ms. Papri Ray, PGT, Deptt. of Political Science 3. Principal-cum-Chairperson, IQAC 4. Sri Tarun Ghosh, Associate NCC Officer	100 Students including NSS volunteers & NCC Cadets, and many teaching & non-teaching staff 
11.	Campaign for <i>Plastic Free Campus</i> at the College premises – Speech delivered on 'Awareness on Pollution by Plastic' by Dr. Sarmistha Banerjee, Coordinator, Science Forum	21 June, 2018	NSS Unit and NCC Male Wing of the College	03 1. NSS Programme Officer 2. Associate NCC Officer 3. Principal-cum-Chairperson IQAC	100 Students including NSS volunteers & NCC Cadets, NSS & NCC Programme Officers and many teaching & non-teaching staff
12.	Celebrated <i>Vanmohotsav Day</i> at 9:30 A.M.– planted 4 saplings near the College playground gallery	21 June, 2018	NSS Unit and NCC Male Wing of the College	02 1. NSS Programme Officer 2. Associate NCC Officer	Students, teaching & non-teaching staff 

13.	Participated in the State Level <i>Independence Day Parade</i> at Assam Rifles Ground, Agartala, Tripura	15 Aug', 2017	Tripura State Rifles, Tripura	01 Dr. Chandan Das, NSS Programme Officer	07 NSS volunteers
14.	Attended the course on Sustainable Development Goals	(21-23) Aug', 2017	SIPARD, A.D. Nagar, Agartala, Tripura	01 Dr. Chandan Das, NSS Programme Officer	
Efforts taken by Science Forum:					
15.	Conducted a Scientist's Popular and Inspiring Talk. The invited speaker was Dr. Subrata Bhattacharjee, Professor, Sari Diego State University, USA.	8 Jan', 2018	Science Forum of the College	Dr. Sarmistha Banerjee, Coordinator and members of Science Forum	Many teachers and students 
Efforts taken by NCC Unit:					
16.	Attended CATC-II 2018-19 held at Shaheed Bhagat Singh Youth Hostel, Kunjaban, Agartala	(20-29) May, 2018	15 Tripura (I) Coy NCC, College tilla, Agartala under the initiative of Deptt. of Higher Education of Tripura	01 Capt. Tarun Ghosh, Associate NCC Officer (Male Wing)	20 NCC cadets participated
17.	Celebrated National Youth Day with participated in Mass rally from Swami Vivekananda Stadium to Umakanta School, Agartala, Tripura	12 Jan', 2018	15 Tripura (I) Coy NCC, College tilla, Agartala	01 Capt. Tarun Ghosh, Associate NCC Officer (Male Wing)	15 NCC cadets participated.

18.	Attended NIC-1 (National Integration Camp) held at Tezpur	(17-28) Dec', 2017	15 Tripura (I) Coy NCC, College tilla, Agartala	01 Capt. Tarun Ghosh, Associate NCC Officer (Male Wing) of the College	2 NCC Cadets
19.	Participated in Basic Leadership Camp held at Shaheed Bhagat Singh Youth Hostel, Kunjaban, Agartala	(28 Oct' to 6 Nov'), 2017	15 Tripura (I) Coy NCC, College tilla, Agartala	01 Capt. Tarun Ghosh, Associate NCC Officer (Male Wing) of the College was the camp adjutant. 	Cadets from the North-Eastern states participated in this camp. 15 NCC cadets of the College Wing participated. 
20.	Attended IGC during Pre-RDC held at Narangi, Guwahati, Assam	(9-18) Nov', 2017	15 Tripura (I) Coy NCC, College tilla, Agartala	01 Capt. Tarun Ghosh, Associate NCC Officer (Male Wing)	2 NCC Cadets
21.	Attended CATC held at Salbagan, Agartala, Tripura	(3-12) May, 2017	15 Tripura (I) Coy NCC, College tilla, Agartala	01 Capt. Tarun Ghosh, Associate NCC Officer (Male Wing)	11 NCC cadets participated
Others					
22.	Conducted an awareness discussion on 'Police Public Interface to Combat Crimes'	7 Nov, 2017	Police Accountability Commission, Tripura	Teachers' Council 	Many teachers and students attended 

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	Nil	DHE, Govt. of Tripura	6.34
Class rooms (No.)	26	Nil		26
Laboratories (No.)	19 (18 [#] +1 [@])	Nil	# DHE, Govt. of Tripura & UGC @ SERB-DST	19
Seminar Halls (No.)	02	Nil	DHE, Govt. of Tripura (1) UGC (1)	02
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		Nil		
Value of the equipment purchased during the year (Rs. in Lakhs)		7.84376 lakh	UGC (NERO)	
Others		26.36183 lakh	UGC (NERO)	

4.2 Computerization of administration and library

- ♦ All sections of the college administration are computerized. Most of the official interactions are made by the college administration through online with the Department of Higher Education and other departments/ organizations/ institutions.
- ♦ Library is connected with NMEICT provided 10 mbps speed BSNL Internet connection. Library is connected with the INFLIBNET facility. Library automation is under process through E-Granthalaya 4.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	32704	-	1420	0.1459 lakh	31304	-
Reference Books	13353	-	290	-	12887	-
Journals	-	-	-	-	-	-
e-Books	-	-	Subscription of INFLIBNET N-List	0.00575 lakh	Subscription of INFLIBNET N-List	0.00575 lakh
e-Journals	-	-				
Digital Database	-	-				

CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall):

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing								
Added								
Total								

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

- Library User Orientation Programme on 'E-granthalaya' for students was organised at Library Conference Hall of the College on 25-08-2017.

4.6 Amount spent on maintenance in lakhs :

i) ICT:

ii) Campus Infrastructure and facilities:

0.049650 lakh

iii) Equipments:

iv) Others:

Total :

0.049650 lakh

3.5 CRITERION – V: STUDENT SUPPORT AND PROGRESSION

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

- ♦ Student's representative in IQAC.
- ♦ Ensure updates on notice boards and college website to ensure active participation by students in various activities.
- ♦ The Students' Union Council has various committees such as Games & Sports Committee; Cultural Committee; Magazine Committee; Drama; Debate & Literary Activities Committee with elected representatives as Secretary and Assistant Secretary of those committees. These committees take active part in various student support programmes. 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.
- ♦ Collects the list of physically challenged students and hands it over to the HODs and Library to take care of their problems.
- ♦ Every year feedback from students in questionnaire form is taken for the enhancement of quality of the institution.

5.2 Efforts made by the institution for tracking the progression:

Students are encouraged to participate actively in classes and are trained to solve problems on the spot in some departments. This helps to improve the problem solving skills of the students.

Continuous assessment of progress through regular class tests, assignments, sessional tests. Evaluated scripts are shown to students for discussion and clarification.

Extra/tutorial classes are taken to improve the understanding of students and clarification of their doubts.

5.3 (a) Total Number of students:

UG	PG	Ph.D.	Others
4156	NA	NA	NA

UG	No.	%
Men	2340	56
Women	1816	44
Total	4156	-

UG Students: 2017-18

Gender	Percentage
Men	56
Women	44

(b) Number of students from outside the state:

(c) Number of international students:

Number of Students: Last Year (2016-17)						Number of Students: This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1420	837	490	727	04	3474	2265	1015	428	448	04	4156

Socio-Economic Profile: 2016-17

Category	Percentage
GEN	41
SC	24
ST	14
OBC	21
PC	0.12

Socio-Economic Profile: 2017-18

Category	Percentage
GEN	54
SC	24
ST	10
OBC	11
PC	0.10

Demand ratio
(No. of Students Admitted : No. of Applications) Dropout (in percentage)

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

Number of students beneficiaries:

5.5 Number of students qualified in these examinations:

NET	<input type="text" value="-"/>	SET/SLET	<input type="text" value="-"/>	GATE	<input type="text" value="-"/>	CAT	<input type="text" value="-"/>
IAS/IPS etc.	<input type="text" value="-"/>	State PSC	<input type="text" value="-"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="-"/>

5.6 Details of student counselling and career guidance:

An admission counselling desk for students support are created at the time of admission to provide assistance not only to the students but also to the aspiring candidates seeking admission to the college, their guardians and other stakeholders.

Number of students benefitted:

5.7 Details of campus placement:

<i>On Campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
NA	NA	NA	NA

5.8 Details of gender sensitization programmes:

1. Open Forum Discussion on 'Domestic Violence against Women in a Threat to Social Security' by Tripura Commission for Women in collaboration with Ramthakur College was conducted on 25-8-2017 at Hall No.18.



Participation in Interaction

Gender Sensitization Discussions by the faculty members of Ramthakur College:

2. A paper on gender issue entitled 'Socio economic Status of Slum Dwelling Women in Tripura' presented by Smt. Manisha Karmakar, Post Graduate Teacher in the 19th **Annual** Conference of NEEA during (23-24) March, 2018 at 19th Annual Conference of NEEA, Guwahati.
3. A paper on gender issue entitled 'A Comparative Study on Educational Status of Women between Slum Population as a Whole, in NEI- with Special Reference to Tripura' presented by Smt. Manisha Karmakar (co-author), Post Graduate Teacher in the **National** Seminar on 'Policy Issues for Economic Development India' during (16-17) March, 2018 at Govt. Degree College, Kamalpur, Tripura.
4. A paper on gender issue entitled 'Health Status of Rural Women of India: A Comparative Analysis' presented by Dr. Ruma Saha, Associate Professor in the **National** Seminar on 'Policy Issues for Economic Development India' during (16-17) March, 2018 at Govt. Degree College, Kamalpur, Tripura.

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	150
	National	20
	International	01
Cultural events	State/ University	
	National	
	International	

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	
	National	
	International	
Cultural	State/ University	
	National	
	International	

5.10 Scholarships and Financial Support:

			Number of Students	Amount (in Rs.)
Financial support from (Scholarships)	Institution			
	Government	State	106	94,980
		Central		A list of verified selected students under SC, ST and OBC category stipend is sent to the SC/ST & OBC welfare Department, Govt. of Tripura and financial support is directly credited to the students' individual Bank account under DBT scheme.
	Other sources	UGC (under the 'Ishan Uday' Special Scholarship Scheme for North Eastern Region [directly credited to the students' individual Bank account under DBT scheme])	8	9,76,000
	-	-	Total	
	Number of students who received International recognitions / National recognitions (under 'Ishan Uday' Scholarship Scheme-UGC)		8	9,76,000

5.11 Student organised / initiatives:

Events	Level	Number	Initiatives
Fairs	State/ University		
	National		
	International		
Exhibition	State/ University		
	National		
	International		

5.12 Number of social initiatives undertaken by the students:

24

5.13 Major grievances of students (if any) redressed:

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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

The College does not have an ICT based comprehensive Management Information System (MIS). However, the College has an institutional management system for Admission in 1st Semester Class. The library has a management system for books automation through e-granthalaya 4 software. The College has done work in building an e-governance system covering financial disbursement management using the HRMS software.

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

6.3.1 Curriculum Development

Our College is affiliated to Tripura University (A Central University), Tripura and follows the University curriculum designed by the respective Board of Under-Graduate Studies (BUGS) of the University. 20 teachers from our college participated in curriculum design process in the capacity of BUGS member.

6.3.2 Teaching and Learning

- ◆ Institution has modern strategies for imparting knowledge like audio-visual aids, projectors, internet and computers. Departments are equipped with internet and computers. The Classrooms are equipped with green/ black boards, public address system (three), projectors (a few in each block).
- ◆ Extra/tutorial class, class presentations, assignments & sessional examinations as part of continuous evaluation, group learning & periodical assignments (in some departments), project-based learning are practiced.

Arts & Commerce - The teaching is mostly in the lecture mode. Teachers use innovative teaching tools and techniques, Teachers at time use visual material. Syllabus coverage is monitored by HOD.

Science - Conducting field trips as part of study tour (in Bio-logical Science Departments) to enhance experimental learning process. Facilitating students in advanced research laboratory visits of the state and in-practical exposure.

- ♦ Use Innovative Mnemonics & ICT to remove Chemistry phobia from the students and make it metabolic, time economic and intriguing (in the Department of Chemistry).

6.3.3 Examination and Evaluation

The College follows the examination/evaluation methods introduced by the affiliating University. The salient features adopted in (2014-15) are:

- ♦ Credit based semester system.
- ♦ Grade system
- ♦ 20 marks of each paper is evaluated as internal assessment
- ♦ (Manual) MCQ
- ♦ Projects of 100 marks are carried out under the guidance of departmental teachers which are then evaluated by the department.
- ♦ RTI for review of University results.

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. Computer facility is provided in different segments of the College.
- ♦ Teachers are encouraged to apply for research grant.
- ♦ Teachers are encouraged to take part in workshops/ seminars/ conferences and also motivated for research publications. During the year, 13 research papers were published in the peer-reviewed national/ international journals by the faculty. 14 books and articles in edited books were also published by the faculty.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Following are for the **library**:

- ♦ 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.
- ♦ Computers with NMEICT provided 10 mbps speed internet connection have been installed in the library for automation. For this barcoding has been started and Online Public Access Cataloguing (OPAC) through e-granthalaya 4 supported by NIC has been initiated.
- ♦ Library is connected with INFLIBNET N-LIST programme, e-resources, e-books.

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 all

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.

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 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

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	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				
Administrative				

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

For UG Programmes: Yes No

For PG Programmes: Yes No

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

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

6.11 Activities and support from the Alumni Association:

The activities and contributions of Alumni Association are:

- ♦ Golden Jubilee Ceremony of Ramthakur College was celebrated on (15-17) July, 2017. Before beginning to end of the programme, the Alumni Association contributed in many ways – participated in the preparatory meetings as Golden Jubilee Organizing

Committee member and as alumni member, participated in the rally at Badharghat surroundings area of the College at (9:30-10:30) A.M. on 15th July, 2017. The rally function was graced at 9:30 A.M. by the Honourable MP, Rajya Sabha, Smt. Jharna Das (Baidya), Member of the Advisory Committee of the Alumni Association of Ramthakur College. They donated Rs.20,500 to Ramthakur College for the Golden Jubilee festival. They donated Rs.5000 to the Chief Ministers Relief Fund on 15th July, 2017 on the occasion of the Golden Jubilee Ceremony of Ramthakur College.



In the 2nd session of the day, Smt. Jharna Das (Baidya) delivered speech as Chief Guest of the session.



Cheque to CM Relief Fund

In the 3rd Session of the day, Susmita Chakraborty, member of the Alumni Association sang a song.



In the 4th Session of the day, Friendly Football Match among Present Students and Ex-students was organised at the nearer Stadium, Dasharath Deb Stadium, Badharghat. The Match was mate with goal 1:1.

On 16th July, Sri Arindam Biswas, member, Alumni participated in against of the Motion in the invited debate entitled ‘Adhunik Prajukti Bartaman Prajanmer Abeg Kere Nichche’.



In the 2nd session of the 3rd day, 17th July, alumni members participated in the cultural programme.

- ♦ In the 2nd session of the 3rd day, 17th July, alumni members participated in the cultural programme.

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.
- ♦ Sri Ramkrishna Bhattacharya, Librarian was deputed to attend one-day SWAYAM Awareness Programme organised by Tripura University, Tripura on 1st June, 2018.
- ♦ Sri Gautam Das, D.D.O. and Sri Biswajit Debnath, L.D.C. (Cashier) was deputed to attend one-day training on 'Training Programme on GeM for procurement of Common Goods & Services' organised by Directorate of IT, ITI Road, Agartala, Tripura on 22 May, 2018.
- ♦ Sri Ramkrishna Bhattacharya, Librarian has attended National Conference on 'Future and Prospect of Public Library: Role of Information and Communication Technology' on (4-6) Jan', 2018 organised by Department of Library & Information Science , MBB University, Agartala, West Tripura with Raja Ram Mohon Roy Library Foundation , Ministry of Culture , Govt of India.
- ♦ Smt. Durba Roy, L.D.C. was deputed to attend one day training programme on 'Office Procedure' organised by SIPARD, Agartala, Tripura on (13-15) Nov', 2017.
- ♦ Smt. Sova Debbarma, O.S. was deputed to attend one day training programme on 'Project Management Course' on (24-26) July, 2017 organised by SIPARD, Agartala, Tripura.

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 plots for gardening as a part of developing an eco-friendly environment.
- ♦ Energy Conservation: Energy efficient buildings are constructed 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, use of LED bulbs.
- ♦ 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 on the campus.

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. The feedback received from the students have worked in developing the skill of evaluation. 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.
- ♦ Semester system 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).
- ♦ Online financial disbursement system in building a transparent e-governance system has a positive impact.

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

- ♦ Digitisation is underway.
- ♦ Monitored environmental status of the College.
- ♦ Conducted for invited talk.
- ♦ Students' feedback are taken, issues are discussed in the IQAC meeting; IQAC meeting with the faculty members; IQAC meeting with the non-teaching staff and actions are taken accordingly.

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 nourishment & plantation of trees in the College.
- ✦ Environmental awareness and sensitisation campaign for the students and the community around the college regarding sustainable environment by organising discussions, drama, rally etc.
- ✦ Monitoring environmental status to reduce the burden on the environment.
- ✦ Proper disposal of hazardous waste materials from the College.

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 appreciable service of drinking water and sanitation to students, faculty members and non-teaching staff at different parts of the College
- ✦ Environment friendly campus.
- ✦ 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.
- ✦ Paucity of fund hampering the infrastructural development.
- ✦ Less interdisciplinary interactions
- ✦ 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 inter-college/ state level/ district level discussion, sports competition, drama competition, cultural activity competition
- ♦ Financial support to students in terms of scholarships

Challenges

- ♦ To stabilize the teaching-learning process with CBCS to meet the challenges of the changing environment
- ♦ 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 prepare the students to meet future challenges

8. Plans of the institution for the next year:

Ramthakur College is planning

- ♦ To enhance quality sustenance.
- ♦ To introduce new course.
- ♦ To connect the College library with INFLIBNET.
- ♦ To complete the library automation process to ensure easy accessibility of books.
- ♦ To boost research activities among the faculty and to submit more number of major and minor research project proposals to various funding agencies.
- ♦ To conduct more institutional, state and national level seminars/ workshops/ training programmes/ symposiums.
- ♦ To conduct environmental audit.

Name Sri Debajit Chakraborty
(till 26 Feb', 2018)

sd/-
Signature of the Coordinator, IQAC

Name Acted 3 Principals
(during 2017-18)

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

(Signatures were not taken from 1st & 2nd Principals)
Signature of the Chairperson, IQAC

Name Dr. Ruma Saha
(w.e.f. 27 Feb', 2018)

sd/-
Signature of the Coordinator, IQAC

Name Dr. Md. Mojahid Rahaman
(during submission)

sd/-
Signature of the Chairperson, IQAC

Academic Calendar 2017-18
(Tentative)
Annexure 4.1

Date	Programme
July, 2017	Admission process to Semester I class continues upto July, 2017 Semester I, III & V classes begin from July 14, 2017 Library card issue to Semester I class on (15-22) July, 2017 T.C. Meeting-1 (1st week)
August	Semester I, III & V classes T.C. Meeting-2 (1st week) IQAC Meeting-1 with teachers (2nd week)
September	Semester I, III & V classes Internal Assessment: Sessional-1 for I, III & V classes (1st week) Assignments/ tutorial classes for Semester I, III & V classes T.C. Meeting-3 (1st week) Puja vacations on (w.e.f. 27.9.2017)
October	Semester I, III & V classes T.C. Meeting-4 (1st week)
November	Semester I, III & V classes Internal Assessment: Sessional-2 and Group Discussion/Seminar for Semester I, III & V classes (1st week) Tutorial classes for Semester I, III & V classes T.C. Meeting-5 (1st week) IQAC Meeting-2 with teachers (2nd week) National/ State/ Departmental/ Institutional seminars/ workshops/ conferences
December	Tripura University Semester I, III & V examinations [2nd week (approx.)] T.C. Meeting-6 (1st week)
January, 2018	Tripura University Semester I, III & V examinations continue upto 2nd week (approx.) Admission to Semester II, IV & VI classes (3rd week) Semester II, IV & VI classes IQAC Meeting-3 with teachers (4th week)
February	Semester II, IV & VI classes T.C. Meeting-7 (1st week) Study Tour – Biological Science Departments National/State/Departmental/Institutional seminars/workshops/conferences
March	Semester II, IV & VI classes Internal Assessment: Sessional-1 for Semester II, IV & VI classes (1st week)

	<p>T.C. Meeting-8 (1st week)</p> <p>Assignments/tutorial classes for Semester II, IV & VI classes</p> <p>National/State/Departmental/Institutional seminars/workshops/conferences</p>
April	<p>Semester II, IV & VI classes</p> <p>Internal Assessment: Sessional-2 and Group Discussion/Seminar for Semester II, IV & VI classes (1st week)</p> <p>Tripura University Part-II & III examinations</p> <p>T.C. Meeting-9 (1st week)</p>
May	<p>Tripura University Part-II & III examinations</p> <p>Semester II, IV & VI classes</p> <p>Summer vacations begin from May 12 (approx.), 2018</p>
June	<p>Tripura University Semester II, IV & VI classes examinations</p> <p>Summer vacation upto June 8 (approx.), 2018</p> <p>T.C. Meeting-10 (2nd week)</p> <p>IQAC Meeting-4 with teachers (2nd week)</p> <p>Annual Prospectus publication</p> <p>Semester I admission process starts</p>

Students' Feedback Analyses

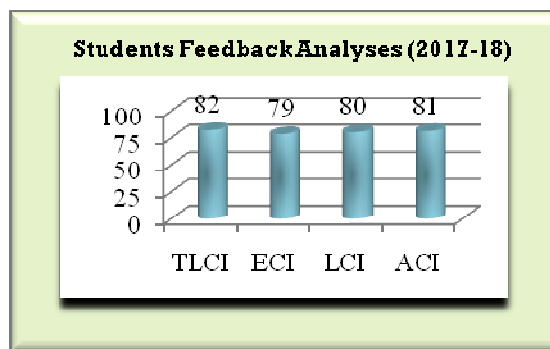
Annexure 4.2

The College uses the manual feedback system for collecting students' responses under four headings: Teaching-Learning, Evaluation, Library and Administration. The responses of the Batch 2017-18 are considered here. Filled in feedback forms are taken for analysis. 662 students simultaneously 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)	82.35
2. Evaluation Composite Index (ECI)	78.70
3. Library Composite Index (LCI)	80.24
4. Administration Composite Index (ACI)	81.29



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.

Method of Making Composite Index for Students' Feedback Analyses

1. Teaching-Learning Composite Index (TLCI)							
Sl. No.	Simple Indicators	Yes	Almost	Little	No	Total	Ratio of Simple Indicators (Proportion of responding 'Yes')
1.	Syllabus Coverage						
2.	Detailed Topic Discussion						
3.	Teachers' Grasp of the Subject						
4.	Teachers' Communication						
5.	Course Completion						
6.	Teachers' Punctuality						
7.	Class Duration						
8.	Teachers' Preparation						
9.	Encouragement in Classroom Interaction						
10.	Attention Paid to Slow Learners						
-	TLCI (Average of Ratio of 10 simple Indicators of Teaching-Learning Process)						

2. Evaluation Composite Index (ECI)							
Sl. No.	Simple Indicators	Yes	Almost	Little	No	Total	Ratio of Simple Indicators (Proportion of responding 'Yes')
1.	Regularity of Tests						
2.	Transparency in Evaluation						

3.	Use of Non-traditional Methods of Evaluation					
-	ECI (Average of Ratio of 3 simple Indicators of Evaluation Process)					

3. Library Composite Index (LCI)					
Sl. No.	Simple Indicators	Regular	Occasionally	Never	Ratio of Simple Indicators (Proportion of responding 'Regular')
1.	Library Walk-ins				
Sl. No.	Simple Indicators	Yes	No	Ratio of Simple Indicators (Proportion of responding 'Yes')	
2.	Availability of Library Books				
3.	Co-operation of Library Staff				
-	LCI (Average of Ratio of 3 simple Indicators of Library)				

4. Administration Composite Index (ACI)				
Sl. No.	Simple Indicators	Yes	No	Ratio of Simple Indicators (Proportion of responding 'Yes')
1.	Cooperation of College Office			
2.	Clean Classrooms			
3.	Clean Toilets			
4.	Provision of Purified Drinking Water			
5.	Hygienic Canteen			
-	LCI (Average of Ratio of 3 simple Indicators of Administration)			

Detailed List of Faculty (Permanent) Participation in Conferences/ Symposia/ Seminars

Annexure 4.3

4.3.1 Faculty (Permanent) Participation in International/ National/ State Level Conferences/ Symposia/ Seminars

Sl. No.	Faculty Name	Title of the Paper Presented/ Attended	Title of the Seminars / Conferences/ Symposia	Duration	Organised by
Department of Bengali					
IN-1	Khelan Das (Halder)	Mahasweta Devi'r Galpe (Nirbachita) Bangetoro Bratyajiban, Manabi-Katha O Manabikata.	UGC sponsored two-day International Seminar on 'Bangla Kathasahitye Bangetoro Bratyajiban'	(19-20) Aug', 2017	Deptt. of Bengali, Bir Bikram Memorial College, Agartala, Tripura.
IN-2	Sutapa Das	Bange thekeo Bangetar : Nalini Berar Upanyas "Shabarcharit" e Lodhgosthir Jibanchabi			
Department of Botany					
N-1	Dipti Das	Plant Species Diversity in Home Gardens of Tripuri and Reang Community of North and Dhalai District of Tripura	Two days National Seminar on 'Recent Trends in Biodiversity Conservation and Bioresource Utilization'	(08-09) Sep', 2017	Department of Botany, Women's College, Tripura
Department of Chemistry					
N-2	Arijit Das	Mixed ligand complexes of Zn(II) with 1,1-dicyanoethylene-2,2-dithiolate and N-donor ligands: A	National Seminar On Reaching the Unreached Through Science And Technology	(10-11) April, 2018	ISCA Dharmanagar Chapter & Govt. Degree College, Dharmanagar.

		combined experimental and theoretical			
Department of Economics					
S-1	Manisha Karmakar	Socio economic Status of Slum Dwelling Women in Tripura	19th Annual Conference of NEEA 'Structural Transformation and Economic Development in North East India, & Entrepreneurship & Campaigns of Skill India, Make in India, Stand up India & Start up India in North East'	(23-24) March, 2018	North East Economic Association, Guwahati
N-3	<u>Manisha Karmakar</u> & Jahar Debbarma	A Comparative Study on Educational Status of Women between Slum Population as a Whole, in NEI- with Special Reference to Tripura	ICSSR sponsored National Seminar on 'Policy Issues for Economic Development with Special Reference to North East India'	(16-17) March, 2018	Deptt. of Economics, Govt. Degree College, Kamalpur, Tripura
N-4	Ruma Saha	Health Status of Rural Women of India: A Comparative Analysis	ICSSR sponsored National Seminar on 'Policy Issues for Economic Development with Special Reference to North East India'	(16-17) March, 2018	Deptt. of Economics, Govt. Degree College, Kamalpur, Tripura
Department of Hindi					
N-5	Poly Bhowmick	Impact of Modernization on the Different Tribal Groups of Tripura	Ministry of Tribal Affairs, Government of India funded National Seminar on 'Impact of Modernization & Globalization on Tribal Society'	(24-25) Nov', 2017	Department of Education, Tripura University & Tribal Research and Cultural Institute, Govt. of Tripura
Department of Mathematics					

IN-3	Ajit Barman		International Conferences on Recent Advances in Mathematical Sciences and Applications	(19-22) Dec', 2017	GVP College of Engineering , Visakhapatnam, India
Department of Physical Education					
N-6	Dipankar Majumdar	Impact of Physical Education and Sports for Modernization of Tribal People of Tripura.	National Seminar on Impact of Modernization & Globalization on Tribal Society	(24-25) Nov',, 2017	Tripura University, Dept. of Education & Tribal Research and Cultural Institute, Govt. of Tripura
IN-4		Games and Sports as a tool for solving insurgency and threat problem: Special Reference with Tripura	International Seminar on Representing the Self: addressing the issues of Ethnicity and Identity across Domains	(9-10) Nov', 2017	Holy Cross College, Agartala
Department of Political Science					
N-7	Ratan Majumder (on Deputation from Ramthakur College to Govt. Law College, Tripura)	Traditional Knowledge and Practices of Indigenous Population of Tripura to Protect the Environment	UGC sponsored National Seminar on Global Warming and Ethics	(23-24) Sep', 2017	Department of Philosophy, B.B.M. College, Agartala, Tripura
Department of Sanskrit					
IN-5	Samhita Das	Socio-Cultural Status of Old Manuscripts of Tripura	International Seminar on 'Astrology & Pourohitye'	12/5/2018	N.E. Astrological Society & K.A.R.S (Regd.)

4.3.2 Faculty Participation in Seminar/ Conferences/ Symposia as Resource Persons:

Lectures Delivered as Resource Person in Seminars / Conferences / Symposia			
Department of Economics			
Name	Title of the Lecture Delivered	Date	Organised by
1. Dr. Bindu Ranjan Chakma Associate Prof.	Refugees from the CHT in India and India's Policy towards Them	11 Oct', 2017	National Seminar on 'Refugees and Infiltrators: India's Policy towards Them: A Historical Perspective and Some Thoughts on the Current Scenario', organised by Indian Council of Historical Research, New Delhi
2. Dr. Md. Mojahid Rahaman	Lead discussant on 'War of 1971: Partition and After Math' in the Workshop <i>India-Bangladesh Border: Interactions and Cross Border Relations with Special Reference to North East India and Roads Ahead</i>	Workshop on (23-24) October, 2017	Department of Journalism and Mass Communication, Tripura University in collaboration with Omeo Kumar Das Institute of Social Change and Development & supported from Sasakawa Peace Foundation (SPF), Japan at Agartala Press Club, Tripura
3. Sri Debajit Chakraborty	Lead discussant in the Workshop <i>India-Bangladesh Border: Interactions and Cross Border Relations with Special Reference to North East India and Roads Ahead</i>		

Annexure 4.4

Detailed List of Faculty Development Programmes

Faculty Development Programmes	Title of the Programme	No. of Faculty Attended	List of Faculty Benefited	Duration	Organising Institute
Refresher Courses	UGC sponsored Winter School in Environmental Science & Earth Sciences	01.	Dr. Sabita Saha	(30 Jan' - 19 Feb'), 2018	UGC Human Resource Development Centre, The University of Burdwan, Burdwan, India
UGC – Faculty Improvement Programme		Nil			
HRD programmes	Induction Training of Faculty Programme	02.	Dr. Arijit Das	(1-30) Nov', 2017	Ministry of HRD, FDC, Tripura University, Tripura,
Orientation programmes		Nil			
Faculty exchange programme		Nil			
Staff training conducted by the College		Nil			
Staff training conducted by other institutions	Three Day Trainer's Development Course on 'Mentoring Skills'	03.	Dr. Anant Kumar	(27-29) Mar', 2018	SIPARD, Agartala, Tripura
	Training of Trainers on Gender Equity	04.	Dr. Dipankar Majumdar	(11-13) January, 2018	Women's Studies Centre, Tripura University & Rajib Gandhi National Institute of Youth Development, Tamil Nadu
	Training of Trainers on Gender Equity	05.	Dr. Ivy Chaudhury	(11-13) January, 2018	Women's Studies Centre, Tripura University & Rajib

					Gandhi National Institute of Youth Development, Tamil Nadu
Workshops	National Workshop for Policy Documentation on ‘Problems and Prospects of Traditional Weaving Industry in Tripura’	06.	Poly Bhowmick	(6-7) January, 2018	Geography and Disaster Management Deptt., Tripura University
Summer / Winter schools, etc.		Nil			
Others		Nil			

Detailed List of Minor Research Projects**Annexure 4.5**

Number	Principal Investigator	Title of the Project [Tenure of the Project]	Funding Agency	Grant Received (in Rs. Lakhs)
Completed = 01 (final submission on 31 Aug', 2017)	Dr. Dipankar Majumdar, Department of Physical Education	A Study on Physical Fitness Anthropometric Body composition and Psychological Profile of 1st Division Tribal Soccer Players of North-Eastern State Tripura	UGC (NERO)	Rs.1.185 lakh
Ongoing = 01	Dr. Surajit Biswas, Department of Chemistry	Spectroscopic Characterization of Some Organic Molecules in the Restricted Geometry of Langmuir-Blodgett Films	UGC (NERO)	Rs.1.10 lakh
Submitted = Nil	-	-	-	-

Detailed List of Publications in Journals

Annexure 4.6

4.6.1 List of Publications in Peer-reviewed International Journals

Sl. No.	Title of Paper	Name of the Author/s	Name of Journal	Year of Publication	ISBN/ISSN Number	UGC Link [Weblink]
Department of Chemistry						
PRIJ -1	Chemical Bonding: Time Economic Innovative Pedagogies - A Review Article	Arijit Das	<i>The Global Journal of Science Frontier Research USA</i>	17, 2-B, pp.(1-16), Nov' 2017	ISSN: 0975-5896	[Weblink]: https://journalofscience.org/index.php/GJSFR/article/view/2110
PRIJ -2	A new Cadmium(II) complex with bridging dithiolate ligand: synthesis, crystal structure and antifungal activity study	M. K. Singh, Sa S. Sutradhar, B. Paul, S. Adhikari, F.Laskar, Raymond J. Butcher, S. Acharya and <u>Arijit Das</u>	<i>Journal of Molecular Structure, Elsevier UK</i>	1139 , pp.(395-399) Jul' 2017	ISSN: 0022-2860	[Weblink]: https://www.sciencedirect.com/science/article/abs/pii/S0022286017303617
PRIJ -3	A Review of Time Economic Innovative Mnemonics In Chemical Education	Arijit Das	<i>International Journal of Physics & Chemistry Education [Eurasian Journal of Physics and Chemistry Education (EJPCE)], Germany and Turkey</i>	10(1), pp.(27-40) Jun' 2018	e-ISSN: 1306-3049	[Weblink]: http://www.ijpce.org/A-Review-of-Time-Economic-Innovative-Mnemonics-in-Chemical-Education,81589,0,2.html

PRIJ -4	Lone Pair Electron Discriminate Hybridization with Aromatic and Anti Aromatic behavior of Heterocyclic Compounds - Innovative Mnemonics	Arijit Das	<i>World Journal of Chemical Education,</i> USA	6(2), pp.(95-101) Apr', 2018	ISSN: 2375-1665	[Weblink]: http://pubs.sciepub.com/wjce/6/2/4/index.html
PRIJ -5	Lone Pair of Electrons Discriminate Hybridization with Aromaticity in the Heterocyclic Compounds - Innovative Mnemonics	Arijit Das	<i>World Journal of Chemical Education,</i> USA	6(3), pp.(107-112) Apr', 2018	ISSN: 2375-1665	[Weblink]: http://pubs.sciepub.com/wjce/6/3/1/
PRIJ -6	Time Economic Innovative Mnemonics in Chemical Education - A Review Article	Arijit Das	<i>American Journal of Chemistry and Applications,</i> Open Science, USA	5(1), pp.(19-32), Mar' 2018	ISSN: 2381-4462	[Weblink]: http://www.openscienceonline.com/journal/archive2?journalId=711&paperId=4221
Department of Mathematics						
PRIJ -7	Concircular Curvature Tensor on a P-Sasakian Manifold Admitting a Quarter-Symmetric Metric Connection	Ajit Barman	<i>Kragujevac Journal of Mathematics</i>	42(02), pp. (273-283), 2018	e-ISSN: 1450-9628 Scopus & IF: 1.05	UGC Link - Yes
PRIJ -8	On LP-Sasakian Manifolds admitting a Semi-symmetric Nonmetric Connection	Ajit Barman	<i>KYUNGPOOK Mathematics Journal</i>	58(01), pp.(105-116), 2018	e-ISSN 0454-8124 13 h-index & IF: 0.76	UGC Link - Yes

PRIJ -9	On Kenmotsu Manifolds Admitting A Special Type of Semi-Symmetric Non-Metric Φ -Connection	Uday Chand De and Pradip Majhi, Ajit Barman	<i>Novi Sad Journal of Mathematics</i>	48(01), pp.(47-60), 2018	e-ISSN: 2406-2014 05 h-index & IF: 0.23	UGC Link - Yes
PRIJ -10	A Special Type of Quarter-Symmetric Non-Metric Connection on P-Sasakian Manifolds	Ajit Barman	<i>Bulletin of the Transylvania University of Braşov • Series III: Mathematics, Informatics, Physics</i>	11(01), pp.(11-22), 2018	e-ISSN: 2065-2151 Scopus, 02 h-index & IF: 0.31	UGC Link - Yes

4.6.2 List of Publications in Peer-reviewed National Journals

Sl. No.	Title of Paper	Name of the Author/s	Name of Journal	Year of Publication	ISBN/ISSN Number	UGC Link [Weblink]
Department of Physics						
PRNJ - 1	Effect of three body transformed Hamiltonian (\tilde{H}_3) through full connected triple excitation coupled cluster operators to valence ionization potentials of Cl ₂ and F ₂ computed via EIP-VUMRCCSD τ scheme	Kalipada Adhikari	<i>Pramana, Journal of Physics</i>	pp.(1-10), 2018 IF:0.99	0304-4289	UGC Link - Yes

Detailed List of Books Published

Annexure 4.7

Sl. No.	Name of the Teacher	Title of the Book/Chapters Published	Year of Publication	ISBN/ISSN Number of the Proceeding	Affiliating Institute at the time of publication	Name of the Publisher
Department of Bengali						
WIS - 1	Rabindra Kumar Datta	Sabar Hridaye Rabindranath	2018	ISBN : 978-93-85713-30-9	Ramthakur College, Agartala	Tulsi Pulishing House, Agartala, Tripura
WIS - 2	Sutapa Das	Iswari Kathan	2018	ISBN: 978-93-86443-70-0	Ramthakur College, Tripura	Gangchil, Kolkata
Department of Physical Education and Department of Human Physiology						
WIS - 3	<u>Dipankar Majumdar & Partha Chakraborti</u>	Sharir Shiksha (Physical Education), TDPG for 1 st Semester	2018	ISBN- 978 81- 93 6900-2- 4	Ramthakur College, Agartala	Penster Publication, Tripura
Department of Political Science						
WIS - 4	Nirmal Bhadra and <u>Bindu Ranjan Chakma</u> (on lien w.e.f. 20-6-2017)	Northeast India Before and After Partition: Issues and Experiences	2018	ISBN: 978-93-87195-00-4	on lien from Ramthakur College to MBBU, Tripura	Shivalik Prakashan, Delhi

Annexure 4.8

Detailed List of Research Linkages

Linkages with Institutions for Sharing of Research Facilities during the Year				
Nature of Linkage	Title of the Linkage	Name of the Partnering Institution/ Research Lab with contact details	Duration (From-To)	Participant
1. DFT Study URL Link: https://doi.org/10.1016/j.molstruc.2018.03.073	Sharing of Research	Departament de Quimica, Universitat de Les Illes Balears, Crta. de Valldemossa km 7.5, 07122, Palma de Mallorca, Baleares, Spain, UK	2017-18	Prof. Antonio Frontera
2. Innovational Research in Chemical Education URL Link: https://chem.libretexts.org/Special:Search?qid=&fpid=230&fpth=&path=&q=Arjit+Das	Sharing of Research	Chemistry LibreTexts Library, University of California, Davis, CA 95616, USA	2017-18	Prof. Delmer Larsen

Best Practices

Annexure 4.9

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 Wing and Students' Council of Ramthakur College organise voluntary blood donation camps every year with assistance from either the Blood Bank of Indira Gandhi Memorial Hospital or Govind Vallabh Pant Hospital, Tripura. A doctor and three-to-five technical staff coordinate the blood camp. The 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:**
 - (1) Academic year 2015-16, dated – (i) 15 July, 2017
(ii) 8 November, 2017

Date	Activity
July 15, 2017	Voluntary blood donation camp organized on the occasion of 50th
Organised by: NSS Unit, NCC Unit, Alumni & Students' Council of Ramthakur College	Glorious Golden Jubilee Celebration of Ramthakur College. The blood donation camp was inaugurated by Chief Minister of Tripura Manik Sarkar.
	Donors: Total 50 numbers including students, NCC Cadets, NSS volunteers and Alumni have donated blood voluntarily among which 50 were males and 3 were females.

(ii) On Nov' 8, 2017

Organised by: Voluntary Blood Donation Camp organised by SFI Badharghat Anchal Committee, Dukli Bibhag, Agartala, Tripura

Venue: Ramthakur College

Donors: Total 32 students including 12 NCC cadets of Ramthakur College 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:** Other than meagre financial support, no additional resources are required.

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:** Plantation and afforestation is the need of the hour for maintaining a healthy and pollution free environment. Plantation practice is one of the most important and healthy practice that the college performs at regular intervals and so the college campus is actually lush green. 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. The green plant wealth of the campus is identified and documented by the Department of Botany. The flora includes approximately 150 species. 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:**
 - ♦ Environmental audit is conducted during (16-17) March, 2016 and during (28-29) Dec', 2018 with the joint effort of Department of Life Sciences and Tripura State Pollution Control Board, for which the IQAC committee has taken a key role.

- ♦ Internal green audit is being conducted by the Department of Botany.
 - ♦ 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, drama on use and abuse of water, avoiding use of plastics, etc.
 - ✓ Science Forum of the College undertakes various activities.
 - ✓ NSS Unit, NCC Wing and Students Council celebrate annually Vanamahotsav Day with plantation and awareness generating programmes.
6. **Problems Encountered:** Problem is encountered with regard to irrigating certain areas of garden in the summer season.
7. **Resources Required:** Adequate financial support.
Adequate supporting staff.
8. **Contact Details:** The Principal
Ramthakur College
Badharghat, Agartala
Tripura - 799003
0381-237 0295 (O)
<http://www.ramthakurcollege.nic.in>
E-mail: iqartc@gmail.com

Abbreviations

Annexure 4.10

A.P.	-	Assistant Professor
AIn	-	Attended International Conferences/ Symposia/ Seminars
AN	-	Attended National Conferences/ Symposia/ Seminars
ASSOP	-	Associate Professor
B.P.	-	Blood Pressure
CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CGPA	-	
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
PRIJ	-	Peer Reviewed International Journal
PRNJ	-	Peer Reviewed National Journal
SAP	-	Special Assistance Programme
SC	-	Scheduled Caste
SF	-	Self Financing
ST	-	Scheduled Tribe
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
WIS	-	With ISSN/ ISBN
WoIS	-	Without ISSN/ ISBN
