5TH ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2015-16

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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Part – A

Part – B

The Annual Quality Assurance Report (AQAR) of the IQAC
Academic Year July 1, 2015 to June 30, 2016

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 2015-16):   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 2015-16):   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: Not Available

1.4   NAAC Executive Committee No. & Date: EC/54/A&A/24, dated 8-1-2011

1.5   Website address: http://www.ramthakurcollege.nic.in
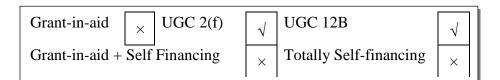
       Web-link of the AQAR: www.ramthakurcollege.nic.in/AQAR/AQAR_2015-16.pdf

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 :   15-6-2011

1.8   AQAR for the year: 2015-16

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

1.10 Institutional Status:

Affiliated College	Yes	√	No	
Constituent College	Yes		No	×
Autonomous college of UGC	Yes		No	×
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI)	Yes		No	×

Type of Institution:

Co-education	√	Men		Women	
Urban	√	Rural		Tribal	

| Grant-in-aid | × | UGC 2(f) | √ | UGC 12B | | √ |
| Grant-in-aid + Self Financing | | | × | Totally Self-financing | | × |

1.11 Type of Faculty/Programme:

| Arts | √ | Science | √ | Commerce | √ | Law | × |
| PEI (Phys Edu) | × | TEI (Edu) | × | Engineering | × | Others | × |

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				No		
University with Potential for Excellence			No			
UGC-CPE	No	DST Star Scheme	No	UGC-COP Programmes	No	
UGC-CE	No	DST-FIST	No	UGC-Innovative PG Programmes	No	
UGC-Special Assistance Prog.	No	Any other	No			

2. IQAC Composition and Activities

2.1 Number of Teachers: | 09 |

2.2 Number of Administrative/Technical staff: | 03 |

2.3 Number of students: | 01 |

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: | - |

2.9 Total Number of members: | 14 |

2.10 Number of IQAC meetings held: | 02 |

2.11 Number of meetings with various stakeholders:

| No. | 02 | Faculty | 02 | Students | - | Alumni | - |
| Non-teaching staff | | Others | - | | | | |

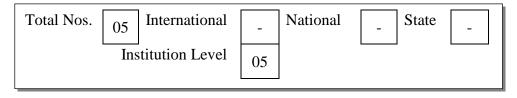2.12 Has IQAC received any funding from UGC during the year?   Yes | | No | √ |

If yes, mention the amount | × |

2.13 Seminars and Conferences (only quality related)

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

| Total Nos. | 05 | International | - | National | - | State | - |
| Institution Level | 05 | | | | | | |

(ii) Themes

- Workshop on 'Basics of Molecular Biology and its Application in Human Life' was held on February 6, 2016.
- Seminar on 'Indian Feudalism in the Light of European Feudalism' was held on March 15. 2016.
- Seminar on 'Role of Education in Women Empowerment' was held on March 30, 2016.
- Symposium on 'Tripura Mein Hindi Dasha Tatha Disha' was held on March 31, 2016.
- Workshop on 'Open Source Software Awareness: Linux Operating System' for teaching staff and non-teaching staff of the College was held on April 12, 2016.

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 2015 to June 2016;
- Arrangement for environmental audit of the college;
- Prepared the Annual Quality Assurance Report (AQAR) of the College for the period from July 2015 to June 2016.

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 2015-16)	Outcome

✦ Teaching-Learning	✦ Various practices such as class test, question bank for slow learners and advanced learners, assignment, extra/tutorial classes to reform and improve the student's success rate. ✦ 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. ✦ Four teachers have participated in the Orientation Programme in the UGC-ASC, one teacher has participated in the Workshop and two teachers have participated in the short-term training.
✦ Encourage enhancement of domain knowledge through workshop/ seminar/ others	✦ The Departments of Botany, Human Physiology and Zoology have organised workshop on '**Basics of Molecular Biology and its Application in Human Life**' which comprises both theoretical and practical demonstration conducted by the State biotechnology Hub, Tripura University on February 6, 2016 at (10:30 a.m. to 3:30 p.m.). Faculty members and students of these three Departments attended the workshop. ✦ The Department of History has organised a seminar on '**Indian Feudalism in the Light of European Feudalism**' on March 15, 2016. One eminent Professor was the speaker. Students and faculty members participated in the interaction session. ✦ The Department of Education has organised a seminar on '**Role of Education in Women Empowerment**' which is a part of their Honours syllabus on March 30, 2016. Two Professors and one member of Tripura Police Commission were the speaker. Students and faculty members participated in the interaction session. ✦ The Department of English has organised a special lecture session on '**The Impact of modernism on European Art and Literature**' on April 2, 2016. One eminent Professor was the speaker. Students and faculty members participated in the interaction session.
✦ Proposal and plan to **organise** institutional/ state/ national/ international seminars/ workshops/ training programmes/	✦ **Institutional Symposia**: (1) Organised an invited Debate Competition among Teachers by the Department of Bengali entitled 'Ei Samaykale Bangla Bhasa Bipanyatar

symposia and **inviting** eminent Professors	Mukhomukhi' to commemorate the *Matribhasha Diwas* on 25 Feb', 2016. (2) Organised by the Department of Hindi on '**Tripura Mein Hindi Dasha Tatha Disha**' on March 31, 2016. Two eminent Professors delivered talks. Students and faculty members participated in the interaction session. (3) Organised a symposium by the Department of Bengali on *Adwaita Malla Barman* celebrating his Birth Anniversary on October 1, 2015.
✦ Felicitation of faculty members for various achievements (like Ph.D., other awards)	**Felicitation by the Teachers' Council** (1) Felicitated to Sri Debajit Chakraborty, Associate Professor, Deptt. of Economics on 11th September, 2015 for recognizing him Best Teacher by the Government of Tripura on 4 September, 2015. (2) Felicitated to Dr. Md. Mojahid Rahaman, Associate Professor, Deptt. of History on 14th December, 2015 for awarding Ph.D. degree.
✦ Research (Encouragement for applying research and research publication)	✦ One teacher, Dr. Md. Mozahid Rahaman has published his Ph.D. thesis.
✦ Research Activities (Encouragement for applying research project proposals to various funding agencies)	✦ Dr. Arijit Das, A.P., Dept. of Chemistry has submitted a proposal for **Major Research Project** on 'Synthesis, Structural Characterizsation, Luminescent Properties and Artifungal Activity Studies of mixed ligand complexities of some Transition Metal ions with Nitrogen and Sulphur Donors', to SERB on February 15, 2016.
✦ Improvement in the Library Resources	✦ Provided NMEICT 10 mbps internet connection through BSNL ✦ Deputed Librarian for gathering knowledge about the library automation process ✦ Barcoding and Library automation through E-granthalaya has been started from 13-06-2016
✦ Improvement of Departmental Infrastructure	✦ Provided spacious departmental room to the Departments of Hindi, Pali, Philosophy, Political Science and Sanskrit ✦ Provided departmental furniture to Commerce, Economics, Philosophy, Education
✦ Technology upgradation (upgradation of College Website; computer, internet access and training to teachers and students – networking	✦ College Website has been upgraded and will be further upgraded in the coming days. ✦ A workshop on '**Open Source Software Awareness: Linux Operating System**' for teaching staff and non-teaching staff of the College was jointly organised by Department of Computer

and e-Governance)	Science in collaboration with NIELIT on April 12, 2016. <u>Newly established</u> : ❖ provided desktop computers with LCD monitors to the Departments of Botany, Education, English, History, Human Physiology, Pali, Philosophy, Physical Education, Political Science, Zoology. <u>Newly added</u> : ❖ provided more one computer to each of the Departments of Economics, Chemistry, Commerce, Mathematics, Physics, Library, Academic Section, Accounts Section. <u>Newly initiated</u> : ❖ All departments of Arts, Science and Commerce, Library, all sections of the college office, Principal's room are connected with NMEICT provided 10 mbps internet connection through BSNL
❖ 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		No	√
Management		Syndicate	Any other body

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.

UG (Annual System) – 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.

UG (Annual System) – 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)	14	01	Nil	Nil
UG (Distance)	Nil	02	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	14	03	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	07

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.
> - 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 has been introduced as per Tripura University rules and regulations from (2014-15).
> - Revised and updated syllabus for the Semester-III and Semester-IV has been started from this academic year.
> - Computer Skills as a part of Foundation Course in the Semester-IV has also been introduced from January, 2016.
> - For the UG (Distance Mode), Credit Based Six-Semester Degree Programme with revised/updated syllabi has been introduced from this period.
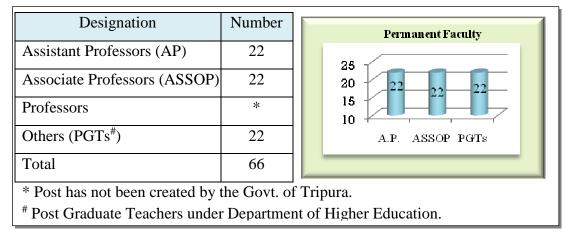
1.5 Any new Department/Centre introduced during the year. If yes, give details.

> Yes, in regular courses Zoology Honours course at UG level has been introduced during this period.
> In distance mode, two subjects, English and Philosophy have been introduced during this period.

3.2 Criterion – II : Teaching, Learning and Evaluation

2.1 Total number of permanent faculty:

Designation	Number
Assistant Professors (AP)	22
Associate Professors (ASSOP)	22
Professors	*
Others (PGTs#)	22
Total	66

Permanent Faculty

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

Post Graduate Teachers under Department of Higher Education.

2.2 No. of permanent faculty with Ph.D.:   26

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year (2015-16):

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	24
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	04	13	01
Resource Persons	-	-	02

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 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. The examination/evaluation methods are:
- From the (1+1+1) Annual System to the Credit Based Six-Semester Degree Programme is followed from the academic session 2014-15 onwards for the UG (Regular Mode).
- For the UG (Distance Mode), from the (1+1+1) Annual System to the Credit Based Six-Semester System has been started from this academic session (2015-16).

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

   20

2.10 Average percentage of attendance of students: 80 %

2.11 Course/Programme-wise distribution of pass percentage:

Title of the Programme	Total no. of Students Appeared	Division (in percentage)				
		Distinction	I	II	P*	Pass
B.A. (Major)	144	This is not a part of the university result system	14.58	61.11	15.97	91.67
B.A. (General)	643		3.58	13.84	51.17	68.58
B.Sc. (Major)	54		51.85	37.04	3.70	92.59
B.Sc. (General)	44		56.82	15.91	2.27	75.00
B.Com. (Major)	23		8.70	30.43	56.52	95.65
B.Com. (General)	106		7.55	12.26	55.66	75.47

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.
- Seeking periodical report from Heads of Departments about the implementation of strategies taken in the above meetings.
- 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;
- 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.
- Planning for introduction of new major and general courses at UG level.

IQAC monitors/evaluates the departments by:
- Conducting internal academic audit through interaction with Departments.
- 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	04
Faculty exchange programme	Nil
Staff training conducted by the College	28
Staff training conducted by other institutions	02
Summer / Winter schools, Workshops, etc.	02
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	38	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 imbibing 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	01	-	-	01
Outlay in Rs. Lakhs	11.50	-	-	47.46

Detailed list is attached at Annexure 4.4

3.3 Details* regarding minor projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	-	02	01	-
Outlay in Rs. Lakhs	-	2.685	2.70	-

Detailed list is attached at Annexure 4.5

3.4 Details* on research publications:

	International	National	Others
Peer Review Journals	08	05	Nil
Non-Peer Review Journals	Nil	01	Nil
e-Journals	Nil	Nil	Nil
Conference proceedings	Nil	Nil	Nil

Detailed list is attached at Annexure 4.6

3.5 Details on Impact factor of publications:

Range [ ] Average [ ] h-index [ ] Nos. in SCOPUS [ ]

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Nil	Nil	Nil	Nil
Minor Projects	two years from the date 04-05-2016	UGC (NERO)	2.70 lakhs	1.10 lakhs
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects	-	-	-	-
Any other(Specify)	-	-	-	-
Total			2.70 lakhs	1.10 lakh

3.7 Number of books published

Details*	Number
With ISBN No.	13
Without ISBN No.	02
Chapters in Edited Books	08

* *Detailed list is attached at Annexure 4.7*

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

UGC-SAP [ ] CAS [ ] DIST-FIST [ ] DPE [ ] DBT Scheme/Funds [ ]

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: Nil

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

Level	International	National	State	University	College
Number	-	-	-	-	09
Sponsoring agencies	-	-	-	-	State Govt. (1) College (8)

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

02

3.13 Number of collaborations:

Collaborations	Number
International	
National	
Any other	

3.14 Number of linkages (Research) created during this year: 05

3.15 Total budget for research for current year (2015-16) in lakhs:

From Funding agency	0.05
From Management of University/College	Nil
Total	0.05

3.16 Number of patents received the year (2015-16):

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 (2015-16):

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

3.18 No. of faculty from the Institution who are Ph. D. Guides:

Nil

and students registered under them:

Nil

3.19 No. of Ph.D. awarded by faculty from the Institution (**Other Institution**):

02

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	-	National	05
State	25	International	-

3.22 Number of students participated in NCC events:

Level	No. of Students	Level	No. of Students
University	-	National	10
State	11	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	-
State	-	International	-

3.25 Extension activities organized:

Forum/ Unit		Number
NSS		12
NCC		13
College forum	Science Forum	02
	RRC (under NSS unit)	01
University forum		-
Any other		-

3.26 Major Activities during the year (2015-16) 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.

Major Efforts taken by the N.S.S. Unit: **(2015-16)**

List of Activities (Organiser)	Level	Date	No. of NSS Volunteers Participated	Awards/ Recognition
1. Participated in the North East Zone Sports Climbing Competition		Nov' 8, 2015	05	Participated
2. Participated in Pre-Republic Day Parade Camp at Assam		Nov' 7, 2015	02	Participated
3. Participated in the Parade Camp at New Delhi		Jan' (01-31), 2016	01	Participated

Major Annual Activities Organised by the N.S.S. Unit:

7-Day Special Camp (February 19-25, 2016) activities are listed below:

Activities	Date	Venue	No. of N.S.S. Volunteers Involved
Organised a discussion on 'Sadbhavana, Brotherhood, Peach and Religious Intolerance'. Speech delivered by Dr. Md. Mojahid Rahaman, Associate Prof., Ramthakur College	Feb' 19. 2016	College Campus	N.S.S. Volunteers, many students, teaching and non-teaching staff
Organised an awareness programme on AIDS.	Feb' 20, 2016	College Campus	N.S.S. Volunteers,

Speaker : Dr. Himadri Bhusan Das, Govt. Medical Officer of Tripura. Talk on : 'HIV/AIDS & Youths: Causes and Preventive Measures'. Organised a quiz competition on HIV/AIDS from RRC, NACO, Tripura AIDS Control Society.			many students, teaching and non-teaching staff
Organised a discussion on 'Indian Constitution and Constitutional Safeguard for Social Harmony Unity'. Speaker was Dr. Bindu Ranjan Chakma, Assistant Prof., Ramthakur College			
Organised an awareness programme at Naba Prantik Orphan School, Gakulnagar, Bishagarh, Tripura Distributed fruits and sweets to children.	Feb' 21, 2016	Naba Prantik Orphan School, Gakulnagar, Bishagarh	N.S.S. Volunteers & Programme Officer
Organised a Blood Donation Camp. 33 Units of blood were donated.	Feb' 22, 2016	College Campus	Total =33 [23 Male students (N.S.S. volunteers = 03, N.C.C. volunteers = 05), 6 Female students, N.C.C. Programme Officer, 1 Male non-teaching staff and 2 Alumni (1 Male and 1 Female) were the donors]
Organised an awareness programme on 'Cyber Crime' in collaboration with NIELIT, Agartala, Tripura Organised a discussion on 'Safe Drinking Water and Sanitation System'. Speech delivered by Dr. Sharmistha Banerjee, Associate Prof., Ramthakur College	Feb' 23, 2016	College Campus	N.S.S. Volunteers, many students, teaching and non-teaching staff

Organised a discussion on 'Youth Affairs and Swami Vivekananda'. Talk delivered by Dr. Santa Bhowmik, Post Graduate Teacher, Ramthakur College			
Initiatives to make the College campus clean	Feb' 24, 2016	College Campus	25 N.S.S. Volunteers
Organised a discussion on 'Recent Trend in Indian Economy'. Talk delivered by Debajit Chakraborty, Associate Prof., Ramthakur College			N.S.S. Volunteers, many students, teaching and non-teaching staff
N.S.S. Volunteers presented a drama on '*Jal Amar Pran Bhomra*' on the theme: *use and abuse of water, avoiding use of plastics*. N.S.S. Volunteers presented a Dance programme	Feb' 25, 2016	College Campus	08 N.S.S. Volunteers 05 N.S.S. Volunteers

Major Activities by RRC under NSS Unit:

List of Events (Organiser)	Level	Date	No. of Volunteers Participated
Observed **World AIDS Day** on 01.12.2015. The NSS volunteers prepared placards and participated in AIDS awareness campaign rally with the RRC, Tripura AIDS Control Society	State	Dec' 1, 2015	10

Major Efforts taken by Science Forum:

List of Activities (Organizer)	Level	Date	Awards/ Recognition
1. Participation in Inter-College & University Science Drama Competition Supported by: Tripura State Council for Science & Technology Organised by: ICV College, Tripura	State	29/01/2016 during (28-30)/01/ 2016	Got prizes for Music, Director (Anish Das) and Script Writer
2. Department of Physics participated and presented a paper	Inter-College	Feb' 28, 2016	Sumanta Datta[1], Reshmi Saha[2] and Mihir Pal[3] –

'**Spectral Response Study of Silicon Solor Cell**' in the Inter-College Science Seminar on National Science Day Organised by: Tripura State DST at M.B.B. College campus Catalysed by: M.B.B. College, Tripura			got third prize. [1] Corresponding Author, UG student, Deptt. of Physics,, [2] UG Student, Deptt. of Physics [3] Asstt. Prof., Deptt. of Physics
3. Department of Chemistry participated and presented a paper '**Synthesis, Structural Characterization and Antifungal Activity study of mixed ligand complexes of Manganese with some Nitrogen and Sulphur donors**' in the Inter-College Science Seminar on National Science Day Organised by: Tripura State DST at M.B.B. College campus Catalysed by: M.B.B. college, Tripura	Inter-College	Feb' 28, 2016	Amitaba Das[1] and Prakriti Roy[2] – Participated [1]and [2] UG students, Deptt. of Chemistry.

Major Efforts taken by NCC Unit:

1. The NCC cadets rendered their services for successful completion of following <u>annual</u> programmes organised by our College, viz.
   - 20 cadets in Freshers' Welcome at Rabindra Satabarshiki Bhawan, Agartala, Tripura
   - 15 cadets in the Election to the Students' Union Council
   - 20 cadets in Admission process of the 1st Semester Class
   - 10 cadets in Annual Sports
   - 15 cadets in Blood Donation Camp
2. 25 cadets participated actively with organising March-Fast programme in the celebration of Netaji's Birth Day, Republic Day & Independence Day in the College premises.

Apart from this, the cadets voluntarily take active part in many extension activities and community services.
1. 2 Cadets provided their assistance in well-famous Diwali Mela of Tripureswari Temple at Udaipur, Tripura.
2. 5 Cadets provided their assistance in well-famous Durga Puja for controlling the traffic points at Agartala, Tripura under the guidance of Traffic Department, Government of Tripura.
3. 10 Cadets provided service of assistance in the Blood Donation Camp organised by the NSS unit and Students' Council of the college. Programme Officer and 10 cadets also donated blood.

4. 10 Cadets provided their assistance in the Statehood Day celebration on 21st January, 2016 at Rabindra Satabarshiki Bhawan, Agartala, Tripura.

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
1. Attended PRC-Thal Sainik Camp (TSC) at Jorhat, Assam	National	Aug'10-Sep'18, 2015	Participated 3 cadets
2. Attended BLC at Agartala	State	Aug'28-Sep'6, 2015	Participated 13 cadets
3. Attended Goya Trek at Bihar	National	Nov'22-Dec'1, 2015	Participated 10 cadets
4. Attended North Eastern Region Trek at Shillong	National	Dec'(10-17), 2015	Participated 5 cadets
5. Attended NIC-I at Tezpur	National	Dec'24, 2015-Jan'4, 2016	Participated 2 cadets
6. Attended Army-attachment at Shalbagan, Agartala, Tripura	State	Jan'(6-15), 2016	Participated 4 cadets
7. Observed Statehood Day At Rabindra Satabarshiki Bhawan, Agartala	State	Jan, 21, 2016 at 3:50 p.m.	Participated 10 cadets
7. Attended South Asian Games Mini Marathon Run at Umakanta School, Tripura	State	Jan'24, 2016	Participated 8 cadets
8. Attended 67 Republic Day parade at Assam Rifles Ground, Agartala, Tripura	State	Jan'26, 2016	Participated 1 cadet

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@)	01*	# DHE, Govt. of Tripura & UGC @ SERB-DST * IIT, Bombay	20
Seminar Halls (No.)	02	Nil	DHE, Govt. of Tripura (1) UGC (1)	02
No. of important equipments purchased (≥ 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)		2.62277 lakh	UGC (NERO)	
Others		4.11184 lakh	UGC (NERO)	

4.2 Computerization of administration and library

- All sections of the college administration are computerized. There are 5 (five) computers to facilitate the administrative works. There are 11 (eleven) administrative staff who have computer skill. A part of the official interactions are made by the college administration through online with the Department of Higher Education and other departments/ organizations/ institutions.
- There are two computers in the library with NMEICT provided 10 mbps speed through BSNL Internet connection. The INFLIBNET facility is available in the library. 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	31204	-	100	0.1459 lakh	31304	-
Reference Books	12883		04		12887	
e-Books	-	-	-	-	-	-

Journals	-	-	-	-	-	-
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall):

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	37	3	3	1	1	5	7	
Added	18	-	17	-	-	2	15	
Total	55	3	20	1	1	7	22	

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

➧ A workshop on '**Open Source Software Awareness: Linux Operating System**' for teaching staff and non-teaching staff of the College was jointly organised by Department of Computer Science in collaboration with NIELIT on April 12, 2016.

Newly established :
➧ provided desktop computers with LCD monitors to the Departments of Botany, Education, English, History, Human Physiology, Pali, Philosophy, Physical Education, Political Science, Zoology.

Newly added :
➧ provided more one computer to each of the Departments of Economics, Chemistry, Commerce, Mathematics, Physics, Library, Academic Section, Accounts Section.

Newly initiated :
➧ All departments of Arts, Science and Commerce, Library, all sections of the College office, Principal's room are connected with NMEICT provided 10 mbps speed internet through BSNL.

4.6 Amount spent on maintenance in lakhs :

   i) ICT: 1.0379 lakh

   ii) Campus Infrastructure and facilities: 0.3272 lakh

   iii) Equipments: -

   iv) Others: -

           1.3651 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.
- Collects the list of physically challenged students and hand over it 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.
- IQAC ensures Anti-Ragging Cell and Sexual Harassment, Redrassal & 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, 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 clear doubts.

5.3 (a) Total Number of students:

UG	PG	Ph.D.	Others
3397	NA	NA	NA

UG	No.	%
Men	2113	62
Women	1284	38
Total	3397	-

(b) Number of students from outside the state: Nil

(c) Number of international students: Nil

Number of Students: Last Year (2014-15)						Number of Students: This Year (2015-16)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1617	780	298	719	03	3417	1604	912	160	719	02	3397

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

Major =
General =

Dropout (in percentage)

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

The College conducted Pre-recruitment Coaching for Un-employed Scheduled Tribe Youths for Various Competitive Examinations and JEE under special package for the year 2015-16 under ST Welfare Department, Government of Tripura for the West Tripura District and Sepahijala District. 99 students had enrolled for taking coaching under this scheme.

Number of students beneficiaries:

5.5 Number of students qualified in these examinations:

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

5.6 Details of student counselling and career guidance:

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: Many

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
NA	NA	NA	NA

5.8 Details of gender sensitization programmes:

(1) Seminar on 'Role of Education in Women Empowerment' on 30 March, 2016.

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

(i) A paper on gender issue entitled 'Inclusive Growth of Women in North East India with Special Reference to Slums Women' presented by Smt. Manisha Karmakar, Post graduate Teacher in the National Seminar on 'National Security Issues: North East India Perspectives' at Bir Bikram Memorial College, Tripura on (8-9) November, 2015.

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	09
	National	01
	International	-
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	06
	National	-
	International	-
Cultural	State/ University	01
	National	-
	International	-

5.10 Scholarships and Financial Support:

			Number of Students	Amount (in Rs.)
Financial support from (Scholarships)	Institution		-	-
	Government	State	142	2,04,075
		Central		A list of 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.
		Total		-
	Other sources		-	-
Number of students who received International/National recognitions			-	-

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:

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

> 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

The college follows the curriculum adopted as per the Tripura University guidelines and notifications. Principal and two senior faculty members participated in the state level Principal's meet 2014, conducted by the Tripura University. Theme: Credit Based Semester System 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 in 2015-16.

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.
- Four faculty members were deputed to ASCs of different Universities to enrich their knowledge through participation in Orientation Programme/ Refresher Course. Nine faculty members were deputed in short-term training/ workshop to Universities/ other colleges.

6.3.3 Examination and Evaluation

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

- Class tests are conducted as per University Guidelines and are included in the Academic Calendar.
- The evaluated answer scripts of the class tests are shown to the students individually, for their improvement.
- Results of class tests are kept as records for future reference.

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.
- 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, 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.
- Two 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. Completed 500 numbers of books of the Department of Mathematics. As part of skill formation, Library Advisory Committee organised Library User Orientation about the procedures of OPAC for students group by group and also for teachers.

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 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: NA

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	No	No
Administrative	No	No	No	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. 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
> - The Association in assistance with I.G.M. Hospital and Tripura Medical College has organised a **Mega Health Camp: Hepatitis B Vaccination, Hepatitis Blood Testing, Blood Group Testing, Eye Check-up** for all stakeholders of the College and local community people on11 April, 2016. A medical team of 5 members from I.G.M. Hospital has given assistance for vaccination & blood test and 2 Doctors from T.M.C. has come for eye Check-up. Blood test and eye check-up was free. Hepatitis B Vaccination was paid @ Rs.60 for each dose among which Alumni Association was paid Rs.30 for each beneficiary and Rs.30 paid by the beneficiary. 66 persons including male and female students, alumni members, local community people, teachers, non-teaching staff have taken Hepatitis B Vaccination. 54 persons including students, local community people, and teachers have done Hepatitis blood testing & Blood group testing. 88 persons including students, alumni, teachers, non-teaching staff have done B.P. check-up and eye check-up.

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.
- D.D.O. and 2 office staff was deputed to attend one-day training-cum-workshop programme on 'Audit and Human Resource Management System' organised by Bishalgarh Sub-Treasury, Government of Tripura, Bishalgarh at Bishramganj Multipurpose Hall on 23/12/2015.
- Library automation through E-granthalaya software provided by NIC and inclusion in the Inflibnet are the major development plan drive of the library. Librarian was deputed at NIC Office, Agartala on March 26, 2016 and at Tripura University Library, Suryamaninagar, Tripura on March 28, 2016 for library automation through E-Granthalaya'.
- Computer training programme for staff on April 12, 2016.
- Barcoding training for library staff of the College in the month of June, 2016.

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. 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 during the year 2015-16
- Conducted one-day Institution level Workshops/ Seminars/ Symposiums – organised by Departments of Bengali, Botany, Computer Science, Education, Hindi, History, Human Physiology and Zoology.
- Workshop has been conducted for staff development.
- 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.
- Arranged institutional support for conducting seminars/workshops.

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 4.8

7.4 Contribution to environmental awareness / protection

- Regular plantation of trees in the College.
- Environmental awareness and sensitisation campaign both the student and the community around the college regarding sustainable environment through organising discussion, 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 introduce new course.
- To connect the College library with INFLIBNET.
- To complete the library automation process in full swing 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 provide spacious departmental room to the Departments of Commerce and Political Science.
- To conduct environmental audit.

Name _____*Sri Debajit Chakraborty*_____   Name _____*Dr. Debabrata Goswami*
(during 2015-16)   *(during 2015-16)*

_____*sd/-*_____   _____*sd'-*_____
Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

Name _____*Dr. Ruma Saha*_____   Name _____*Dr. Md. Mojahid Rahaman*
(during submission)   *(during submission)*

_____*sd/-*_____   _____*sd/-*_____
Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

Academic Calendar 2015-16 (Tentative)

Date	Programme
July, 2015	Admission process to Semester I class continues upto July 6, 2015
	Semester III classes, II & III year classes
	T.C. Meeting-1 (1st week)
	Semester I classes begin from July 13, 2015
	Library card issue to Semester I class on (14-22) July, 2015
August	Semester I & III classes, II & III year classes
	T.C. Meeting-2 (1st week)
	IQAC Meeting-1 with teachers (2nd week)
September	Semester I & III classes, II & III year classes
	T.C. Meeting-3 (1st week)
	Internal Assessment: Sessional-1 for Semester I & III classes (1st week)
	Class Test-1 for II & III year classes (under 1+1+1 system)
	Departmental/Institutional quiz/assignments/tutorial classes
October	T.C. Meeting-4 (1st week)
	Puja Vacations begin from October 19, 2015
	Semester I & III classes, II & III year classes
	IQAC Meeting-2 with teachers (4th week)
November	Puja Vacations upto November 9, 2015
	Semester I & III classes, II & III year classes
	T.C. Meeting-5 (2nd week)
	Internal Assessment: Sessional-2 and Group Discussion/Seminar for Semester I & III class
	Class Test-2 for II & III year classes
	National/State/Departmental/Institutional seminars/workshops/conferences
December	Tripura University Semester I & III examinations 2nd week (approx.)
	T.C. Meeting-6 (1st week)
January, 2016	Tripura University Semester I & III examinations continue upto 2nd week (approx.)
	Admission to Semester II & IV classes (3rd week)
	Semester II & IV classes, II & III year classes
	IQAC Meeting-3 with teachers (2nd week)
February	Semester II & IV classes, II & III year classes
	T.C. Meeting-7 (1st week)
	Final test for II & III year classes 2nd week (approx.)
	Tripura University practical examinations for science departments
	Study Tour – Biological Science Departments

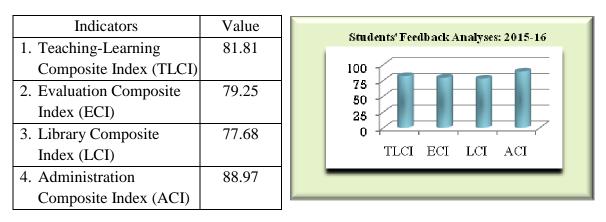|	
	National/State/Departmental/Institutional seminars/workshops/conferences
March	Semester II & IV classes
	T.C. Meeting-8 (1st week)
	Internal Assessment: Sessional-1 for Semester II & IV classes (1st week)
	Departmental/Institutional quiz/assignments/tutorial classes
	National/State/Departmental/Institutional seminars/workshops/conferences
April	Internal Assessment: Sessional-2 and Group Discussion/Seminar for Semester II & IV classes (1st week)
	Tripura University Part-I, II & III examinations
May	Tripura University Part-I, II & III examinations
	Summer vacations begin from May 10 (approx.), 2016
June	Tripura University Semester II & IV classes examinations
	Summer vacation upto June 8 (approx.), 2016
	Admission to III year classes begin
	T.C. Meeting-9 (2nd week)
	IQAC Meeting-4 with teachers (2nd week)
	Annual Prospectus publication
	Semester I admission process starts

Students' Feedback Analyses

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 2015-16 are considered here. Filled in feedback forms are taken for analysis. 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)	81.81
2. Evaluation Composite Index (ECI)	79.25
3. Library Composite Index (LCI)	77.68
4. Administration Composite Index (ACI)	88.97

Students' Feedback Analyses: 2015-16

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 Faculty (Permanent) Participation in Conferences/ Symposia/ Seminars

Faculty of Arts				
Name	**Seminars / Conferences Attended**	**Duration/ Date**	**Organised by**	**Title of the Paper Presented**
Department of Bengali				
1. Dr. Khelan Das (Halder)	Two-day International Seminar on 'Bangla Katha Sahitya-er Dersho Bacher'	(5-6) April, 2016	Department of Bengali, Govt. Degree College, Kamalpur, Tripura	Naribad O Dwiteeo Vishwa Juddha Purba Bangla Upanyas
2. Dr. Rabindra Kr. Datta	Two-day National Seminar on 'Contribution on Shraman Tradition (boudhjain) in the Development of Indian Culture'	(26-27) November, 2015	Rashtriya Sanskrit Sansthan, Agartala, Tripura	Bangladeshe O Banglasahitye Sahajiya Bouddha Dharmer Pralhal
	Two-day International Seminar on 'Bangla Katha Sahitya-er Dersho Bacher'	(5-6) April, 2016	Department of Bengali, Govt. Degree College, Kamalpur, Tripura	Surja Dighal Barhi : Lokasanskritir Ek Swachcha Darpan
	National Seminar on 'Gananatya Sangher Purodha Natyakar Bijan Bhattacharya-Shatabarsher Darpane'	14 February, 2016	Department of Bengali, Bir Bikram Memorial College, Agartala, Tripura	Gananatya Aandolan O Bijan Bhattacharya.
3. Dr. Sutapa Das	Two-day International Seminar on 'Bangla Katha Sahitya-er Dersho Bacher'	(5-6) April, 2016	Department of Bengali, Govt. Degree College, Kamalpur, Tripura	Ganadebatar Chahida Banam Bangla Upanyaserjanma
	Two-day International Seminar on	(3-4) March, 2016	Department of Bengali, Tripura	Samantaral Abasthan: Tin Upanyas Muhuri

			University	Charer Manada, Pubali Pinjira ebong Titas ekti Nadir Nam
	'Adwaita Malla Barman : Jiban O Sristi'			
	National Seminar on 'Gananatya Sangher Purodha Natyakar Bijan Bhattacharya-Shatabarsher Darpane'	14 February, 2016	Department of Bengali, Bir Bikram Memorial College, Agartala, Tripura	Lokayata Dharancer Bayaner Thas Banote Pratignan Bakyer Hirmaw, Nataker Nam Bijan Bhattacharyer, 'Tiyankanya'
	Two-day National Seminar on 'Women's Rights in North East India'	17 January, 2016	Directorate of Distance Education, Tripura University	Balukabalay Ami Likhechini
	Two-day National Seminar on 'North-east India : Before and After Partition with Special Reference to Tripura'	(14-15) January, 2016	Swami Vivekananda College, Mohanpur, Tripura	Prasanga Tripura : Satimedh ebong Ekti Paribhraman Kahini
Department of Economics				
4. Smt. Manisha Karmakar	16th Annual Conference of North East Economic Association (NEEA)	(8-9) January, 2015.	Department of Economics, Tripura University	Gender Deprivation among Slums and within Slums of NER.
	Two-day National Seminar on 'National Security Issues: North East India Perspectives'	(8-9) November, 2015	Bir Bikram Memorial College, Tripura	Inclusive Growth of Women in North East India with Special Reference to Slums Women
Department of Hindi				
5. Dr. Bina Debbarma	Two-day National Seminar on 'Hindi or Purvattar Bashawo ka Antarsamband'	(14-15) May, 2016	Surya Sansthan, Guwhati, Assam	Hindi or Tripuri Basha me Antharsamband
	Two-day National Seminar on 'Adibashi Shahitya or Purvattar Bharat'	(14-15) April, 2016	Department of Hindi, Mizoram University, Aizal	Kokborok Kahaniyo me Adhasi Samaj

	Two-day National Seminar on 'Purvattar Bharat Ka Katha-Sahitya'	(3-4) March, 2016	Deptt. of Hindi, T.U. in collaboration with Kendriya Hindi Sansthan, Shillong and GAIL India Ltd, Agartala	Nagendra Jamatia Ke Kahaniyo me Samajik Paridrishaya'
6. Smt. Poly Bhowmick	Two-day National Seminar on 'Purvattar Bharat Ka Katha-Sahitya'	(3-4) March, 2016	Deptt. of Hindi, T.U. in collaboration with Kendriya Hindi Sansthan, Shillong and GAIL India Ltd., Agartala	Khasi Janjati Ka Katha Sahitya: Vikas Ke Vividh Charan
Department of History				
7. Dr. Md. Mojahid Rahaman	Departmental Seminar on 'Bengal Renaissance in the Light of European Renaissance'	12th April, 2016	Department of History, Government Degree College, Kamalpur, Tripura	Bengal Renaissance vs. European Renaissance
	Two-day National Seminar on 'Educating Tribal children: Issues and Remedies with Special Reference to Tripura'	(5-6) March, 2016	Institute of Advanced Studies in Education in collaboration with Tribal Research & Culture Institute, Govt. of Tripura	Status of Teachers in Tribal Areas: A Case Study of Dhanirampur Model Village under ADC
Department of Sanskrit				
Dr. Samhita Das	National Seminar on Text, Manuscripts and Oral Traditions of Tripura	(16-18) March, 2016	Sanskrit Deptt., Tripura University & Indira Gandhi National Centre for Arts, New Delhi	Some Thoughts on the Manuscripts of Tripura
Faculty of Science				
Department of Botany				
8. Smt. Dipti Das	Two days National Seminar on 'Recent	(15-16) March, 2016	Department of Botany, Tripura University	Diversity of Aroids in Home Gardens of Reang & Tripuri

	Trends in Plant Science Research'			Communities of Tripura
Department of Chemistry				
9. Dr. Sabita Saha (Poster Presentation)	Two-day National Seminar on 'Commerciali sation of Herbs and Herbal Drugs: An Overview'	(28-29) November, 2015	Netaji Subhash Mahavidyalaya, Tripura	Recent Advances in Natural Products Chemistry for Drug Discovery
Department of Computer Science				
10. Smt. Srijita Barman Roy	National Seminar on 'Rough Sets, Fuzzy Sets, and Their Applications'	6 May, 2016	Department of Mathematics, Tripura University, Tripura	A Framework for IF Set mx* Oscillation Based Face Recognition
	Two-day International Symposium on 'Advanced Computing and Communication	(14-15) September, 2015	Department of Computer Science & Engineering, Assam University, Silchar and IEEE	Application of Fuzzy Oscillation in the Field of Face Recognition
Department of Physics				
11. Sri Saumendu Sengupta	Two-day National Conference on 'Recent Trends of Research in Physics'	(23-24) July, 2015	Women's College, Tripura	Structure of molten LiCl
Faculty of Commerce				
12. Sri Ratan Deb	Two-day National Seminar on 'Companies Act, 2013'	(11-12) September, 2015	Assam University, Silchar	Investor's Protection - An Analytical Study in the Light of Companies Act 2013

Lectures Delivered as Resource Person in in Seminars / Conferences / Symposia

Department of Economics

Name	Title of the Lecture Delivered	Date	Organised by
Sri Debajit Chakraborty	Fiscal Decentralisation and Rural Development	Dharmanagar Government Degree College, Tripura	1st April, 2016
Dr. Md. Mojahid	Bengal Renaissance in the Light	Department of	Departmental

Rahaman (as Session Chairperson)	of the European Renaissance	History, Govt. Degree College, kamalpur, Tripura	Seminar on 12 Apr', 2016

Detailed List of Major Research Projects

Number	Principal Investigator	Title of the Project	Funding Agency	Grant Received (in Rs. Lakhs)
Completed = 01 (on Dec' 31, 2015)	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	SERB-DST, Govt. of India, New Delhi	Rs.11.50 lakhs
Ongoing = Nil	-	-	-	-
Sanctioned = Nil	-	-	-	-
Submitted = 01 [on Feb' 15, 2016 (for 3 years)]	Dr. Arijit Das, Department of Chemistry	Synthesis, Structural Characterization, Luminescent Properties and Artifungal Activity Studies of mixed ligand complexities of some Transition Metal ions with Nitrogen and Sulphur Donors	SERB	Rs.47.46 lakh (Proposed)

Detailed List of Minor Research Projects

Number	Principal Investigator	Title of the Project [Tenure of the Project]	Funding Agency	Grant Received (in Rs. Lakhs)
Completed = Nil	-	-	-	-
Ongoing = 02	Sri Mihir Pal, Department of Physics	Study of Conservation and Management of the Lake Rudrasagar [for two years from the date 05-09-2014]	UGC (NERO)	Rs.1,50,000/-
	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)	1,18,500/-
Sanctioned = 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

4.5.1 List of Publications in Peer-reviewed International Journals

Department of Chemistry

(1) Das, Arijit (corresponding author) 2016. 'Six-coordinate cadmium (II) complex containing a Bridging dithiolate ligand: Synthesis, Crystal Structure and Antifungal Activity Study', Journal of Co-ordination Chemistry, Taylor & Francis Pub.(London),UK, Vol. 69, Issue 1, pp.168-175.

Department of Commerce

(2) Das, Sanjoy (co-author, first author) 2015. 'Financing Higher Education: With Special Reference to Government General Degree Colleges of Tripura', *International Journal of Innovative Research & Development,* Vol-4, September 2015, pp.52-59, ISSN: 2278-0211.

(3) Deb, Ratan (co-author, first author) 2015. 'Entrepreneurship Development through Cluster Concept: An Overview of Available Literature', International Journal of Informative & Fututistic Research, V2/ E7/ 075, pp.2192 -2203, ISSN: 2347-1697.

Department of Mathematics

(4) Das, Gautam (co-author, first author) 2015. 'On Generalized Regular Λ - Supra Topological Space', Shodh Drishti, Vol.6, No.5, pp.175-178, July-September, ISSN: 0976-6650.

Department of Physics

(5) Pal, Mihir (co-author, first author) 2016. 'Fresh Water Lake Model Application for Seasonal Variation of Latent and Sensible Heat Fluxes from the Water Surface of Rudrasagar Lake, Tripura' Imperial Journal of Interdisciplinary Research (IJIR), Vol.2, Issue 5, ISSN: 2454-1362.

(6) Pal, Mihir (co-author, first author) 2015. 'Sinusoidal Model Development for the Study Diurnal Variation of Surface Dissolved Oxygen for the Lake Subhas Sarobar, Kolkata', Journal of Global Ecology and Environment, 4(1), pp.18-24, ISSN: 2454-2644.

(7) Pal, Mihir (co-author, first author) 2015. 'Water Quality Index as a Reliable Indicator of Water Pollution Level - A Case Study of Rudrasagar Lake, Tripura', *International Journal of Innovative Research in Science, Engineering and Technology*, Vol.4, Issue 8, pp.7801-7806, ISSN (Online): 2319-8753 & ISSN (Print): 2347-6710.

Department of Political Science

(8) Chakma, Bindu Ranjan 2015. 'Between Agony and Hope: The Chakma Refugees of Arunachal Pradesh', *International Journal of Advance Research*, Vol.3, Issue 9, ISSN: 2320-9151.

4.5.2 List of Publications in Peer-reviewed National Journals

Department of Chemistry

(1) Das, Arijit (co-author) 2016. 'Synthesis and Structural Characterization of Mixed Ligand Complexes of Manganese (II) With Some Nitrogen and Sulphur Donors by Magnetic and Spectroscopic Methods', International Organization of Scientific Research-Journal of Applied Chemistry (IOSR-JAC), 9, 2(1), pp.42-48.

(2) Das, Arijit (corresponding author) 2015. 'Time Economic Innovative Pedagogies In Chemical Science - A Review Article', *Education in Chemical Science and Technology,* Indian Chemical Society, Vol.3, No.1, PP.1-28.

Department of Mathematics

(3) Das, Gautam (co-author, first author) 2015. 'On Generalized Regular Λ - Set and Its Application', *Anukriti*, Vol.5, No.5, pp.161-166, July-September, ISSN: 2250-1193.

Department of Pali

(4) Kumar, Anant 2015. 'The Bodhisatta Concept in Buddhism', *Ideal Research Review*, Vol.48, No.1, pp.14-15, December 2015, ISSN: 0973-0583.

Department of Political Science

(5) Chakma, Bindu Ranjan 2015. 'Self Determination in the Chittagong Hill Tracts: Looking Beyond and Ahead', Chakma Literary Journal, Vol.1, No.1, ISSN/ISBN: 2394-1030.

4.5.3 List of Publications in Non-Peer Reviewed National Journals

Department of Commerce

(6) Das, Sanjoy 2016. 'Demography and Higher Education of Scheduled Castes in Tripura: A Brief Note', Development Dynamics, Vol.3, Issue-1, January 2016, pp.57-60, ISSN: 2347-6524.

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

Department of Bengali

(7) Das, Sutapa 2015. 'Prasange Tripurar : Satimedh O Ekti Paribhraman Kahihi*', in Amal Mitra (ed.), Katha Sopan Sharadiya Sankhya 2015*, ISSN : 2454-8839 (Kolkata: Sopan Publication).

Detailed List of Books Published

4.6.1 Books:

Department of Bengali

(1) Datta, Rabindra Kumar 2016. *Tripura Loka Sanskriti-o-Annyanya Bishay*, ISBN: 978-93-84079-47-5 (Agartala: Akshar Publications).

(2) Datta, Rabindra Kumar 2016. *Tripurar Lokopriya Moukhik Galpa*, ISBN: 978-93-84079-46-8 (Agartala: Akshar Publications).

(3) Das (Halder), Khelan 2015. *Mahila Oupanyasik Rachita Bangla Upanyase Narir Artha-Samajik Abasthan*, ISBN: 978-93816-19-5 (Agartala: Moumita Prakashani).

Department of Chemistry

(4) Das, Arijit 2015. *Press Review* (*Time Economic Pedagogical Views in Chemical Education*), (Tripura: Star Graphics).

Department of Hindi

(5) Debbarma, Bina 2015. Hindi – Kokborok Learner's Dictionary (Agra, India: Central Institute of Hindi, Ministry of HRD, Govt. of India).

Department of History

(6) Rahaman, Mojahid 2016. *Tripura in the Liberation Movement of Bangladesh (1947-1971) A.D.*, ISBN: 978-81-8370-457-1 (New Delhi, Gauhati: Akansha Publishing House).

Department of Physical Education

(7) Majumdar, Dipankar (co-author, first author) 2016. *Sharir Shiksha O Kridaprasikhyan*, ISBN: 978-8192685526 (Tripura: Naya Pustak Mahal).

4.6.2 Articles in Edited Books:

Department of Commerce

(8) Deb, Ratan (co-author, first author) 2015. 'Democratic Institutions and Inclusive Growth: An Analytical Study with Special Reference to Tripura' in L.S.Gassah & C.J. Thomas (eds.), *Democracy and Development in India's North-East*, pp.279-302, ISBN: 978-93-80574-74-5 (Delhi: Bookwell).

4.6.3 Articles in Edited Books [Seminar Proceedings]:

Department of Bengali

(9) Das, Sutapa 2015. 'Manusher Dharna: Rabindranath - Vivekanander Aruna Bhabna' in Gita Debnath & Narayan Bhattacharya (ed.), *Srijan Baichitra Rabindranath.* ISBN: 878-93-81585-18-4.

(10) Das (Halder), Khelan 2015. 'Narir Artha-Samajik Abasthan Nirnaye Rabindra Upanyas' in Gita Debnath & Narayan Bhattacharjee (ed.), *Sreejan Baichitre Rabindranath*, ISBN: 978-9381-585-18-4 (Agartala: Saikat Prakashan).

(11) Datta, Rabindra Kumar 2016. 'Padmanadir Majhi Upannyasher Bhasha Boishishtha' in Jibankrishna Patra (ed.), *Manik Bondopadhy: Padmanadir Majhi*, ISBN/ISSN: 978-81-93080-5-9 (Agartala, Tripura: Naya Pustak Mahal).

Department of Computer Science

(12) Barman Roy, Srijita (co-author) 2015. 'Application of Fuzzy Oscillation in the Field of Face Recognition' in S. Roy (ed.), Proceedings on *Advanced Computing and Communication*, pp.192-197, ISBN: 978-1-4673-6708-0 (IEEE).

Department of Education

(13) Das, Mallika 2015. 'Shiksha Chintay Chirantan Rabindranath' in Gita Debnath & Narayan Bhattacharya (eds.), *Srijan Baichitra Rabindranath*, pp.136-141, ISBN: 978-93-81585-18-4 (Tripura: Saikat Prakasani).

Department of Physical Education

(14) Majumdar, Dipankar 2015. 'Swami Vivekanander Drishtite Shiksha O Sharir Shiksha', in Jiban Krishna Patra (ed.), *Swami Vivekananda Samaj O Sahitya* (Proceedings of National Seminar), pp.77-84, ISBN: 978-81-930980-1-1 (Tripura: Naya Pustaka Mahal).

Department of Sanskrit

(15) Das, Samhita 2016. 'Human Values as Gleaned in the Sri Mad Bhagabad Gita' in Tapas Raychoudhuri (ed.), *ASCENT*, pp.90-95, ISBN: 978-81-909689-9-7 (Kolkata: New School Books Press).

Best Practices

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 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 Gobinda Ballabh 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**:
   (1) Academic year 2015-16, dated – (i) Aug' 12, 2015 (ii) Feb' 22, 2016

Date	Activity				
(i) Aug' 12, 2015 **Organised by**: Students' Council, Ramthakur College **Venue:** N_1 & N_2	Discussion on Importance and Significance of Blood Donation – speech delivered by NSS Programme Officer, Principal, Secretary & Joint Secretary of the Teachers' Council, V.P. & G.S. of the Students' Council of the College, Dr. Sanjib Datta, Medical Officer (In-Charge), Blood Bank, I.G.M. Hospital and Special Guest, Finance Minister, Government of Tripura, Sri Bhanu Lal Saha.				
	Activity	Number of Donors			
	Blood Donation	Student	Teacher	NTS	Alumni	Total

	Camp - 1	M	Fe	M	Fe	M	Fe	M	Fe	
		38	20	-	-	-	-	-	-	58
(ii) Feb' 22, 2016 **Organised by**: NSS Unit, Ramthakur College **Venue:** N₁ & N₂	Activity									
	Blood Donation Camp - 2	Student		Teacher		NTS		Alumni		Total
		M	Fe	M	Fe	M	Fe	M	Fe	
		23	06	01	-	01	-	01	01	33

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.

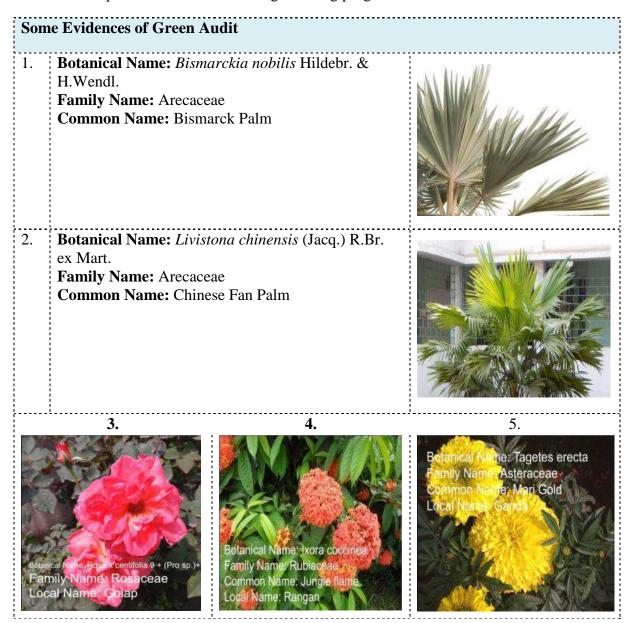8. **Resources Required**: This practice does not require any additional financial resources.

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. 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 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. during the period (19-25) February, 2016 (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.

Some Evidences of Green Audit	
1.	**Botanical Name:** *Bismarckia nobilis* Hildebr. & H.Wendl. **Family Name:** Arecaceae **Common Name:** Bismarck Palm	
2.	**Botanical Name:** *Livistona chinensis* (Jacq.) R.Br. ex Mart. **Family Name:** Arecaceae **Common Name:** Chinese Fan Palm	

3.	**4.**	**5.**
  Botanical Name: Rosa x centifolia 9 + (Pro sp.)+ Family Name: Rosaceae Local Name: Golap	 Botanical Name: Ixora coccinea Family Name: Rubiaceae Common Name: Jungle flame Local Name: Rangan	 Botanical Name: Tagetes erecta Family Name: Asteraceae Common Name: Mari Gold Local Name: Ganda

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. ramthakurtcollege.nic.in
   E-mail: iqacrtc@gmail.com

Abbreviations

Annexure 4.9

A.P.	-	Assistant Professor
ASSOP	-	Associate Professor
B.P.	-	Blood Pressure
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

TEI   -   Teacher Education Institution

UPE   -   University with Potential Excellence

UPSC   -   Union Public Service Commission

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