

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, October 1, 2015 to December 30, 2016)

Part – A

1. Details of the Institution

1.1 Name of the Institution:

ST. ANTHONY'S COLLEGE

1.2 Address Line 1

BOMFYLE ROAD

Address Line 2

City/Town

SHILLONG

State:

MEGHALAYA

Pin Code:

793001

Institution e-mail address:

principal@anthonys.ac.in

Contact Nos.:

O: (0364) 2223558; R: (0364) 2222558;
(0364) 2500061 (fax)

Name of the Head of the Institution:

Rev. (Dr.) Br. Albert Longley Dkhar, SDB

Tel. No. with STD Code:

O: (0364) 2223558; R: (0364) 2222558

Mobile:

+91 94361 10437

Dr. Herbert G. Lyngdoh

Name of the IQAC Co-ordinator:

Mobile:

+91- 98630-22470

IQAC e-mail address:

herbertlyngdoh@gmail.com

1.3 NAAC Track ID:

MLCOGN10087

1.4 NAAC Executive Committee No. & date:

Ec(SC) /02/RAR/116 dated 10-07-2014

1.5 Website address:

www.anthonys.ac.in

Web-link of the AQAR:

http://www.anthonys.ac.in/AQAR201401.doc

1.6 Accreditation Details:

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	FIVE STAR		20.09.2000	9 years
2	2 nd Cycle	A	3.60	29.01.2009	5 years
3	3 rd Cycle	A	3.14	10.07.2014	7 years

1.6 Date of Establishment of IQAC:

28th November 2005

1.7 AQAR for the year (*for example 2010-11*):

December 2017 to November 2018

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

- i. AQAR August 2008 to September 2009 on 31/03/2010
- ii. AQAR August 2009 to September 2010 on **21/12/2010**
- iii. AQAR October 2010 to September 2011 on **02/03/2011**
- iv. AQAR October 2011 to September 2012 on **11/04/2013**
- v. AQAR October 2012 to September 2013 on **11/04/2014**
- vi. AQAR October 2013 to September 2014 on **11/04/2015**

- vii. AQAR October 2014 to September 2015 on **09/02/2016**
- viii. AQAR October 2015 to September 2016 on **06/12/2016**
- ix. AQAR October 2016 to November 2017 on **08/12/2017**

1.9 Institutional Status:

University: State Central Deemed Private

Affiliated College: Yes No

Constituent College: Yes No

Autonomous college of UGC: Yes No

Regulatory Agency approved Institution: Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution: Co-education Men Women

Urban Rural Tribal

Financial Status: Grant-in-aid C 2(f) 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme:

Arts Science Commerce PEI (Yes Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

MUSIC; MASS COMMUNICATION AND VIDEO PRODUCTION; MEDIA TECHNOLOGIES

1.11 Name of the Affiliating University (for the Colleges):

NORTH EASTERN HILL UNIVERSITY (NEHU)

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

Autonomy by State/Central Govt. / University:

University with Potential for Excellence: UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers:

2.2 No. of Administrative/Technical staff:

2.3 No. of students:

2.4 No. of Management representatives:

2.5 No. of Alumni:

2.6 No. of any other stakeholder and
community representatives:

2.7 No. of Employers/ Industrialists:

2.8 No. of other External Experts:

2.9 Total No. of members:

2.10 No. of IQAC meetings held:

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

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

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. International National

State Institution Level 4

(ii) Themes

Research Communication and Publication;
Orientation for non-teaching staff;
Orientation for students;
Orientation on API for the placement of faculty;
Workshops/Training for faculty & students.

2.14 Significant Activities and contributions made by IQAC

It initiated the restructuring and formulation of DIC RUSA cells, Animal Ethics committee, Swachh Bharat Cell and the Research Cell this year to make them more effective and relevant; constitution of the sexual harassment cell; Faculty exchange programmes; formalising value education as an important innovation in the curriculum.

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 *

<i>Plan of Action</i>	<i>Achievements</i>
Maintaining of good results in the University examinations	The College achieved >90% success rate across all streams and courses
Organizing Guest lectures, popular talks, and students' seminars	Most of departments had organized students' seminars, Guest lectures and popular talks involving experts, scientists and eminent scholars, Hands-on and others
Enhancement of infrastructure	More CCTV have been fixed and Wi-fi connectivity in the campus New equipment/instruments were added to the various science departments, Mass Media deptt. and Music deptt. New server, laptops, computers were procured during the year to enhance ICT and overall IT needs of the college The library infrastructure has been enhanced with the Introduction of RFID for management of library services. Installation of additional computer terminals and digital photocopiers and scanner. Maintenance of existing infrastructure like the auditorium, rest rooms and a facelift to faculty common room and in some departments. Inauguration of the Fr. Wallaston Building for management & commerce
Campus job placement services to be extended to the students belonging to other institutions within the state	Campus interviews for placement by reputed firms (Wipro technologies, TCS, iServe, SLK software etc.) from the industry were conducted in the college for students of the college. Coaching classes for management were also conducted

To publish two double blind peer reviewed journals	The college has published two double blind peer reviewed journals with the following titles: <i>Spectrum: Humanities, social sciences and management</i> <i>Spectrum: Science and Technology</i>
Extension programmes	The college extension of St Anthony's at Byndihati campus of 43764 sq. Mtrs area is being upgraded to more new departments and 11 classrooms in it with 38 technology upgradation for 295 students with 19 permanent faculty. The management continue to encourage all departments and clubs of the college to organize conduct and participate in social projects and community out-reach programmes. Several Programmes were held to celebrate international days such as World Anti-Tobacco Day and Environment Day. Students also visited orphanages, Mercy Home for the Aged, Bethany Society, Ram Krishna Mission, computer literacy outreach programmes to rural schools etc.
Organizing conferences, seminars and workshops	A number of such programs and events were organized and conducted during the year.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body: Yes No
 Management Syndicate Any other body

Provide the details of the action taken

A study of the report was made and necessary action was taken wherever it was required.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	02	01	-	-
PG	02	-	-	-
UG	04	-	-	-
PG Diploma	01	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	03	-	03	03
Others	11	-	-	-
Total	23	01	03	03

Interdisciplinary	-	-	-	-
Innovative	02	04	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options – CBCS for the P.G. programme

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	UG [BA(9), B Sc (11), B Com, BBA] PG [M Sc(1), MCA (1)] Diploma (1)
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers
 Students

(On all aspects)

Mode of feedback : Online Manual
 Co-operating schools (for PEI)

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

Revision of the syllabi was carried out by the University and the implementation of the Semester System in 2014-15

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

Yes, Design Innovation Centre (financed by MHRD, New Delhi)

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	167	133	34	-	-

2.2 No. of permanent faculty with Ph.D.

36

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
6	3	-	-	-	-	7	-	12	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

15

3

7

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	60	175	129
Presented papers	8	31	5
Resource Persons	-	7	4

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

- Remedial Classes
- Diagnostic Test for slow learners to improve the level of learning
- Teachers' study materials are shared with students
- Advance learners are encouraged to take part in small research projects
- Micro Teaching in practice
- Financial incentive for teachers to encourage research
- Life Skill training for students
- Internship for students encouraged
- Student centred teaching structured introduced
- Providing counselling to students to ensure mental health
- Adoption of principle of inclusiveness and organising programs that promote gender sensitivity sense of belongingness and respect for others
- Encouraging democratic and participatory approach in decision making
- Organisation of staff and student enrichment programme

2.7 Total No. of actual teaching days during this academic year: 180

2.8 Examination/ Evaluation Reforms initiated by the Institution:

Marked internal test, Evaluated assignments, peer seminar evaluation, Open book test and others

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:

Faculty involved as BUGs/BOS members, curriculum restructuring committees, and syllabus committees is 36

2.10 Average percentage of attendance of students: 75 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Positions	I	II	III	Pass %
BA	370	45	63	167	75	83.51
BCom	301	6	9	74	137	73.09
BSc	280	61	149	71	4	80.00
BBA	21	5	15	6	-	100.00
MSc (Biotech)*	15	-	5	10	-	100.00
MCA*	17	9	10	7	-	100.00

* From CGPA Scores

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

The IQAC has organized several seminars and workshops with all 22 departments to enhance the teaching and learning process for both the students and teachers. For all the committees in the college, the coordinator of the IQAC is the ex-officio member and activities are routed through the

IQAC so that the focus of such events is focused towards better learning outcomes. In pursuance of the mandate given to the IQAC, decisions such as introduction of smart boards and LCD projectors in classrooms, better laboratory equipment, library up-gradation, etc., were introduced.

2.13 Initiatives undertaken towards faculty development:

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	22
UGC – Faculty Improvement Programme	6
HRD programmes	-
Orientation programmes	10
Faculty exchange programme	2
Staff training conducted by the College	22
Staff training conducted by other institutions	8
Summer / Winter schools, Workshops, etc.	12
Others:	12

2.14 Details of Administrative and Technical staff :

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	11	-	-	29
Technical Staff	20	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

Research in the college continually promoted through the Research Cell of the college.
Two biannual Peer reviewed journal have been published: *Spectrum: Humanities, Social Science and Management*; *Spectrum: Science and Technology*. The number of publications by faculty has also increased.

The college has also taken the initiative to set up central instrumentation centre instrumentation with funds from the CPE phase 2 and Phase 3

3.2 Details regarding major projects (include any major)

	Completed	Ongoing	Sanctioned	Submitted
Number	6	11	16	6
Outlay in Rs. Lakhs	87.41	335.32	368.35	N.A

3.3 Details regarding minor projects (include any minor)

	Completed	Ongoing	Sanctioned	Submitted
Number	5	2	7	5
Outlay in Rs. Lakhs	5.74	3.36	9.1	N.A

3.4 Details on research publications (from AQAR dept)

	International	National	Others
Peer Review Journals	5	24	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	1	1	-

3.5 Details on Impact factor of publications:

Range	0.8 to 2.681	Average	1.740	h-index	62	Nos. in SCOPUS	3
		Nos. in SCI	2				

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 (Rs. in Lakhs)	Received (Rs. in Lakhs)
Major projects	2010-13	UGC, New Delhi	4.25	4.00
	2011-till date	Planning Commission, New Delhi	8.00	1.51
	2011- till date	DBT, GOI	12.87	6.08
	2011-2014	UGC, New Delhi	8.05	5.00
	2011- till date	DBT, GOI	19.00	19.00
	2009-till date	DST-SERB	39.13	39.13
	2012- till date	DBT, GOI	97.35	80.77
	2009- till date	DBT, GOI	32.00	32.00
	2012- till date	DBT, GOI	41.92	41.92
	2012- till date	NBFGR, GOI	3.00	3.00
	2012- till date	DBT, GOI	66.00	66.00
	2012-till date	Border Area Department, Govt. of Meghalaya	8.00	8.00
	2013-15	Dept. of Fisheries, Govt. of Meghalaya	6.90	6.90
Minor Projects	2011-13	UGC-NERO	1.61	1.61
	2013- till date	UGC-NERO	1.75	1.75
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects (other than compulsory by the University)	2014-till date	CPE	0.6	0.6
Any other(Specify)				
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST DPE DBT Scheme/funds

3.9 For colleges
Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy:

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	4	1	1	5
Sponsoring agencies	IEEE, UGC, NEC, NEEPCO & SBI.	UGC, ICSSR- NERC, NEC, Govt. of Meghalaya			

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations: International National Any other

3.14 No. of linkages created during this year:

3.15 Total budget for research for current year in lakhs:

From funding agency
From Management of University/College
Total

3.16 No. of patents received this year

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

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

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

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

4

and students registered under them:

7

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

-

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

7

JRF

-

SRF Project Fellows

-

Any other

-

3.21 No. of students Participated in NSS events:

University level

27

State level

58

National level

3

International level

17

3.22 No. of students participated in NCC events:

University level

-

State level

15

National level

30

National level

2

3.23 No. of Awards won in NSS:

University level

-

State level

-

National level

-

International level

-

3.24 No. of Awards won in NCC:

University level

-

State level

8

National level

4

International level

-

3.25 No. of Extension activities organized

University forum

-

College forum

6

NCC

2

NSS

1

Any other

4

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

Extension Activities: Students conducted two programmes as part of their Cyber Club initiative.

- 1) **Name of the Programme:** Cyber Club conducted Basic IT Course 2018

Organiser: 3rd Semester BSc. Computer Science Students who are members of Cyber Club

Dates: 23/07/2018 to 31/07/2018

Venue: Lab 03 and Lab 04

Objective of the Programme: To impart basic knowledge of Computers and Basics of Microsoft Office.

Topics taught: Introduction to Windows, Paint, MS Word.

Instructors: 3rd Semester BSc. Computer Science Students.

Number of Instructors: 20

Participants: Savio Evening School students

Number of Participants: 25

- 2) **Name of the Programme:** Basic IT course 2018

Organiser: Cyber Club

Dates: 12th July 2018 – 13th August 2018

Venue: LAB 1 and LAB 2

Objective of the Programme: To improve the computer literacy of the students of the college.

Topics taught: Windows, MS Word, MS Power Point, MS Excel and Internet.

Instructors: 5th Semester BSc. Computer Science Students.

Number of Instructors: 15(morning) and 11(evening)

Participants: 2nd and 3rd year college students

Number of Participants:

Morning Batch (7:00 am – 8:30 am): 31

Evening Batch (4:30 pm – 6:00 pm): 9

Criterion – IV**4. Infrastructure and Learning Resources**

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	Main campus: 17788.11 sq.mtrs. Extension campus :14.07 Acres	43764 sq. Mtrs. St Anthony' s College Extensio n	UGC, RUSA & College Fund	500 lakhs
Class rooms	53	33	College fund	86
Laboratories/Studios	35	2	College fund	37
Seminar Halls	2	1	College fund	3
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	10	College fund	10
Value of the equipment purchased during the year (Rs. in Lakhs)	-	15 lks	College fund	15.00
Others	-	-	College fund	35.00

4.2 Computerization of administration and library

Library is fully computerised and RFID is installed. In the administration ERP is implemented and partially functioned.

- Online access of e-journal and review
- Library services fully computerised
- 50 computers with internet connection
- Free wifi access
- NLIST, NDL, J-Gate to staff and students

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	42,765	-	1163	-	43,928	-
Reference Books	-	-	-	-	-	-
e-Books	-	-	-	-	-	-
Journals	18	29,020.00	-	-	-	-
e-Journals	NLIST, NDL	-	J-GATE	-	3	2,65,500.00
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	ID-CARD Printer • Photocopying Machine a. Black & White – 2 nos. b. Colour – 1 no. RFID Installed	-	4	1,35,500.00 6,59,660.00 13,74,963.00

Technology Upgradation

	Existing	Added	Total
Computers	50	Nil	50

4.4 Technology up gradation (overall)

	Total	Computer	Internet	Browsing	Computer	Office	Depart	Other

	Computers	Labs		Centres	Centres		-ments	s
Existing	511	333	20mbps	57	0	12	65	44
Added	54	0	10mbps	0	0	0	0	59
Total	565	333	30mbps	57	0	12	65	103

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

- College provides infrastructure for conducting online course for Government and non-government organisation
- College conducts computer courses like – DTP, Introduction of IT, outreach programs, CCNA, Teacher Training Programme, SAP.
- Support other departments in conducting Computer Courses, Conferences, Seminar and invited talks

4.6 Amount spent on maintenance in lakhs:

i) ICT	-
ii) Campus Infrastructure and facilities	15.63
iii) Equipments	4,77
iv) Others	-
Total:	20.40

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing about Student Support Services:

Held invited and guest lectures on opportunities for Higher Education in United States and Europe

Conducted workshops on Theatre and Photography

Organised visits to home of Differently-Abled and Home for the Aged

Facilitated Educational Tours and Field Trips

Extended Counselling Services

Initiated Mentoring Services

Initiated various modes and structures to provide support to students to enhance learning experience

Provided a platform for students to explore their spirituality through retreats organised by the college
 Health Services through First Aid Unit of SAC
 Government SC/ST Scholarship
 Campus Placement
 Hostel Accommodations
 Extra-Curricular Activities
 Honouring the Students who have excel in academics
 SMS services
 Suggestion Boxes
 Departmental Assembly of the student to make them aware of the different facilities (Scholarship, academics, online services, provision for remedial classes)

5.2 Efforts made by the institution for tracking the progression

A committee consisting of Heads of Department to track the progress in curricular and extra-curricular activities of the institution
 Suggestion and Appreciation Boxes
 Feedback from students
 Feedback from alumni
 Functioning of various committees
 Evaluation of all programmes

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3536	155	3	-

(b) No. of students outside the state

1001

(c) No. of international students

21

Men	No	%	Women	No	%
	51.07	%		48.92	%

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
700	59	2660	196	06	3621	758	53	2668	205	10	3694

Demand ratio

1:1.

Dropout %

3.5

5.4 Details of student support Mechanism for coaching for competitive examination (if any)

- The institution has made provision for different coaching classes to acquaint the students about the prevalent competitive examination system.

5.5 No. of students qualified in these examinations

NET	2	SET/SLET	-	GATE	-	CAT	-
IAS/IPS etc.	-	State PSC	-	UPSC	-	Others	-

5.6 Details of student counselling and career guidance

- The institution has a placement cell which guides the students about the job opportunities available in different sectors and facilitates the recruitment of students.
- Leadership Training
- Academic and Personal Counselling
- Social media awareness
- Students are sent to attend Career Guidance Programmes in well-known institutions (NITM, NEHU, IIM)

No. of students benefitted

1. Counselling: 163
2. Career Awareness: 1235 students (approx)

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
11	300	254	Reported only 2, no proper mechanism in place for obtaining information

Additionally, in order to help students actually get selected, Mock Interview Sessions were conducted by the Placement Cell, before every Recruitment programme. In total 2 such sessions were organised during the year.

5.8 Details of gender sensitization programmes

- Programmes are organised to sensitise the students on Gender related issues.
- A cell for Redressal of sexual harassment is in place.
- Interaction with social activists and media artist.

5.9 Students Activities:

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support:

- The college processes the students' application forms for scholarships being funded by different governmental and non-governmental agencies.

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed:

The total number of grievances put forward by students was 79 and appropriate action was taken by the concerned authorities.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Providing holistic and quality education within the reach of everyone.

Mission:

To mould intellectually competent, morally upright, socially committed and spiritually inspired persons capable of building a more human social order within the context of the nation's plurality of religions and diversity of cultures.

6.2 Does the Institution have a Management Information System:

YES

The institution has an MIS which takes care of the following:

- Administration and Establishment
- Academics: Calendar, Examination, Prospectus, Time-Table, Attendance
- Admission: To execute the admission process
- Accounts: Fees Budget Audit

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

6.3.1 Curriculum Development

The Curriculum and the Syllabus are designed by the North Eastern Hill University.
Certificate programmes for students to cope with the latest concepts are conducted
Guest Lectures are organised on modern topics

6.3.2 Teaching and Learning

Student Teachers' are assigned with seminars assignment and projects.
Language Lab is utilised to improve language skill.
Special Classes on English Communicative Skill and Skill of Micro Teaching to equip Student Teacher with necessary skills
Preparation of Handbook
Use of ICT
Organising Conferences, Seminars, Workshops and Guest Lecturers.
Teachers' Study materials are shared with Students.
Remedial Classes, Student Counselling and Internal Tests are conducted.
Deputation of Students and Faculty for conferences, seminars, workshops, symposium.

6.3.3 Examination and Evaluation

We have been conducting Internal Assessment and Test Examination as per the University pattern.
Test and Retest for the lower achievers.
Parents and Guardians are informed of the performance of the Students.
Guiding Students to apply for re-evaluation and challenge evaluation.

6.3.4 Research and Development

RECORD OF PUBLICATIONS SUBMITTED UNDER RESEARCH CELL'S MONETARY INCENTIVES SCHEME 2017

Category of the Award: Individual

Stream: Science and Technology

Category of Article: International Journal

Year of Publication: 2017

Name of the Faculty	Department	Title of the Article	Name of Journal / Book	ISSN / ISBN / DOI
Probidita Roychoudhury Author No: 2	Computer Science	Computer Science and Applications	Book (a Prescribed Textbook by MBoSE for Class XII)	ISBN: 81-7313-662-9
Probidita Roychoudhury Author No: 1	Computer Science	Hierarchical Group-based Mutual Authentication and Key Agreement for Machine Type Communication in LTE and Future 5G Networks	Security and Communication Networks	Vol. 2017 ID: 1701243 ISSN: 1939-0114
Bablu L Rajak Author No: 2	Computer Science	Transcranial Magnetic Stimulation in Spastic Cerebral Palsy Helps Achieve Developmental Milestone	Clinical Psychiatry	Vol. 3 No. 2 ISSN: 2471-9854
Bablu L Rajak	Computer Science	Study of Available Intervention Techniques to Improve Cognitive	Journal of Current Neurobiology	Vol. 8 No. 2

Author No: 3		Function in Cerebral Palsy Patients		ISSN: 0975-9042
Bablu L Rajak	Computer Science	Effect of Repetitive Transcranial Magnetic Stimulation on Hand Function of Spastic Cerebral Palsy Children	Journal of Neurobiology Disorders	Vol. 5 No. 1 ISSN: 2329-6895
Author No: 1				
Bablu L Rajak	Computer Science	Computational approaches in neuroprotection and neurorehabilitation	Journal of Biological Engineering Research and Review	Vol. 4 No. 1 ISSN: 2349-3232
Author No: 2				
R. N. Bhuyan	Fishery Science	Fisheries and Aquaculture Research in North East India	Edited Book Dept. of Fishery Science, St. Anthony's College, Shillong	ISBN: 978-0-00—000978-4
Author No: 1				
S. M. B. Kharbuli	Fishery Science	Fisheries and Aquaculture Research in North East India	Edited Book Dept. of Fishery Science, St. Anthony's College, Shillong	ISBN: 978-0-00—000978-4
Author No: 1				
R. Nath	Fishery Science	Fisheries and Aquaculture Research in North East India	Edited Book Dept. of Fishery Science, St. Anthony's College, Shillong	ISBN: 978-0-00—000978-4
Author No: 1				
R. N. Bhuyan	Fishery Science	Histological studies of gonads in Neolissochilus hexagonolepis (McClelland, 1839) (Teleostei: Cyprinidae) from Meghalaya	Iranian Journal of Ichthyology	Vol. 4 No. 2 ISSN: 2383-1561
Author No: 2				
R. N. Bhuyan	Fishery	Induced breeding of Neolissochilus	International Journal of Fisheries and	Vol. 5 No. 2

Author No: 2	Science	hexagonolepis using pituitary an synthetic hormone under the agro-climatic condition of Meghalaya, India	Aquatic Studies	ISSN: 2394-0506
Wompherdeiki Khylllep Author No: 2	Mathematics	Scalar-fluid interacting dark energy: Cosmological dynamics beyond the exponential potential	Physical Review D.	Vol. 95,No. 2 ISSN: 1550-2368
Wompherdeiki Khylllep Author No: 2	Mathematics	Dynamical analysis of an interacting dark energy model in the framework for a particle creation mechanism	Physical Review D.	Vol. 95,No. 10 ISSN: 1550-2368
Wompherdeiki Khylllep Author No: 2	Mathematics	Extended Phase Space Analysis of Interacting Dark Energy Model in Loop Quantum Cosmology	Physical Review D.	Vol. 96,No. 8 ISSN: 1550-2368
Vincent R. Khongwir Author No: 1	Physics	Forced Thermal Ratchets and Stochastic Resonance in Inhomogeneous Underdamped Periodic Potential System	International Journal of Science and Research	Vol. 7,No. 5 ISSN: 2319-7064 (Online)
Donrich Kharkongor Author No: 2	Physics	Forced Thermal Ratchets and Stochastic Resonance in Inhomogeneous Underdamped Periodic Potential System	International Journal of Science and Research	Vol. 7,No. 5 ISSN: 2319-7064 (Online)
A. B. Chakrabarty Author No: 1	Statistics	The Effect of Misclassification due to Measurement Error on Custom Control Charts for Intervened Poisson Distribution	Cadernos Do Ime-Serie Estatistica	Vol. 42 ISSN: 1413-9022

A. B. Chakrabarty Author No: 1	Statistics	Measurement Error Effect on the Power of Control Chart for Zero Truncated Negative Binomial Distribution (ZTNBD)	Yugoslav Journal of Operations Research	Vol. xx No. nn, zzz-zzz ISSN: 1413-9022
Sanku Dey Author No: 2	Statistics	A New Generalization of the Exponentiated Pareto Distribution With an Application	American Journal of Mathematical and Management Sciences	Vol. 0, No. 0 DOI:10.1007/s13198-016-0437
Sanku Dey Author No: 1	Statistics	α Logarithmic Transformed Family of Distributions with Application	Ann. Data. Sci.	DOI 10.1007/s40745-017-0115-2
Sanku Dey Author No: 1	Statistics	Statistical inference for the generalized Rayleigh distribution based on upper record values	Model Assisted Statistics and Applications	12 (2017) 15–29 DOI: 10.3233/MAS-160380
Sanku Dey Author No: 3	Statistics	Analysis of Burr Type-XII Distribution Under Step Stress Partially Accelerated Life Tests with Type-I and Adaptive Type-II Progressively Hybrid Censoring Schemes	Ann. Data. Sci.	DOI 10.1007/s40745-017-0101-8
Sanku Dey Author No: 1	Statistics	A New Extension of Weibull Distribution with Application to Lifetime Data	Ann. Data. Sci	Ann. Data. Sci
Sanku Dey Author No: 1	Statistics	Dagum Distribution: Properties and Different Methods of Estimation	International Journal of Statistics and Probability	Vol. 6, No. 2 Issn:

				1927-7032
Sanku Dey Author No: 3	Statistics	Efficient Estimation of the PDF and the CDF of a Generalized Logistic Distribution	Ann. Data. Sci.	DOI 10.1007/s40745-016-0093-9
Sanku Dey Author No: 1	Statistics	Estimation of reliability of multicomponent stress–strength for a Kumaraswamy distribution	Communications In Statistics—Theory And Methods	Vol. 46, NO. 4 ISSN: 1560-1572
Sanku Dey Author No: 1	Statistics	Bootstrap confidence intervals of generalized process capability index C_{pk} for Lindley and power Lindley distributions	Communications in Statistics-Simulation and Computation	http://dx.doi.org/10.1080/03610918.2017.1280166
Sanku Dey Author No: 1	Statistics	Kumaraswamy distribution: different methods of estimation	Comp. Appl. Math	DOI 10.1007/s40314-017-0441-1
Sanku Dey Author No: 1	Statistics	Comparisons of Methods of Estimation for the NH Distribution	Ann. Data. Sci	DOI 10.1007/s40745-017-0114-3
Sanku Dey Author No: 3	Statistics	Statistical Inference of Exponentiated Moment Exponential Distribution Based on Lower Record Values	Commun. Math. Stat.	Vol. 5:231–260 DOI 10.1007/s40304-017-0110-0
Sanku Dey	Statistics	Estimation of the PDF and the CDF of exponentiated moment	Int J Syst Assur Eng Manag	Vol. 8 (Suppl. 2)

Author No: 3		exponential distribution		DOI 10.1007/s13198-017-0599-3
Sanku Dey Author No: 1	Statistics	Exponentiated Chen distribution: Properties and estimation	COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION	Vol. 46 No. 10 8118-8139
Sanku Dey Author No: 2	Statistics	Extended exponential distribution based on order statistics	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	Vol. 46 No. 18 9166-9184
Sanku Dey Author No: 3	Statistics	Improved maximum-likelihood estimators for the parameters of the unit-gamma distribution	COMMUNICATIONS IN STATISTICS-THEORY AND METHODS	http://dx.doi.org/10.1080/03610926.2017.1361993
Sanku Dey Author No: 3	Statistics	RECURRENCE RELATIONS FOR MOMENTS AND ESTIMATION OF PARAMETERS OF GENERALIZED PARETO DISTRIBUTION BASED ON GENERALIZED ORDER STATISTICS	Journal of Applied Statistical Science	Vol. 22, No. 3-4 ISSN: 1067-5817
Sanku Dey Author No: 2	Statistics	POWER GENERALIZED WEIBULL DISTRIBUTION BASED ON ORDER STATISTICS.	Journal of Statistical Research	Vol. 51 No. 1 ISSN: 0256 - 422 X
Sanku Dey	Statistics	On length and area-biased Maxwell distributions	COMMUNICATIONS IN STATISTICS—SIMULATION AND	http://dx.doi.org/10.1080/03610918.2017.1317804

Author No: 2			COMPUTATION	
Sanku Dey Author No: 1	Statistics	A New Extension of Generalized Exponential Distribution with Application to Ozone Data	OZONE: SCIENCE & ENGINEERING	Vol. 39 No. 4 273–285
Sanku Dey Author No: 1	Statistics	Relations for Moments of Generalized Order Statistics from Extended Exponential Distribution	AMERICAN JOURNAL OF MATHEMATICAL AND MANAGEMENT SCIENCES	http://dx.doi.org/10.1080/01966324.2017.1369474 .
Sanku Dey Author No: 2	Statistics	A new generalization of the gamma distribution with application to negatively skewed survival data	COMMUNICATIONS IN STATISTICS—SIMULATION AND COMPUTATION	https://doi.org/10.1080/03610918.2017.1335408
Sanku Dey Author No: 1	Statistics	Statistical Inference for the Weighted Exponential Distribution under Progressive Type-II Censoring with Binomial Removal	American Journal of Mathematical and Management Sciences	https://doi.org/10.1080/01966324.2017.1395375
Sanku Dey Author No: 2	Statistics	Binomial-exponential 2 Distribution: Different Estimation Methods with Weather Applications	Tendencias em Matemática Aplicada e Computacional	Vol. 18, NO. 2 doi: 10.5540/tema.2017.018.02.0233
Sanku Dey Author No: 1	Statistics	Two parameter exponentiated Gumbel distribution: properties and estimation with flood data example	Journal of Statistics & Management Systems	Vol. 20 No. 2 DOI: 10.1080/09720510.2016.1228261
Sanku Dey Author No: 1	Statistics	Statistical Properties and Different Methods of Estimation of Transmuted Rayleigh Distribution	Revista Colombiana de Estadística	Vol. 40, No. 1 pp. 1-39

				DOI: 0
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Category of the Award: Individual

Stream: Science and Technology

Category of Article: National Journal

Year of Publication: 2017

Name of the Faculty	Department	Title of the Article	Name of Journal / Book	ISSN / ISBN / DOI
Devajyoti Bokolial <i>Author No: 3</i>	Botany	Plants associated with rituals and beliefs of indigenous Khasi religion of Meghalaya, Northeast India	Advances in Plant Sciences	Vol. 30, No. 1 ISSN: 0970-3586
Ebelmon Nongbri <i>Sole Author</i>	Botany	Plants associated with rituals and beliefs of indigenous Khasi religion of Meghalaya, Northeast India	Advances in Plant Sciences	Vol. 30, No. 1 ISSN: 0970-3586
Devajyoti Bokolial <i>Sole Author</i>	Botany	Wild Edible Fruits Consumed by Tribes of Northeast India: An Overview	NeBIO	Vol. 8, No. 4 ISSN: 2278-2281
Rupak Nath <i>Author No. 1</i>	Fishery Science	Adoption of Scientific Fish Farming by the Fish Farmers of Meghalaya	Spectrum: Science and Technology	ISSN: 2349-2937
Sarah M. B. Kharbuli <i>Author No. 2</i>	Fishery Science	Adoption of Scientific Fish Farming by the Fish Farmers of Meghalaya	Spectrum: Science and Technology	ISSN: 2349-2937

Jeremy N. Syiem	Zoology	A comparative study on the Effect of UV irradiation on selected bacterial species	Spectrum: Science and Technology	ISSN: 2349-2937
Author No: 5				

Category of the Award: Individual

Stream: Science and Technology

Category of Article: Conference Proceeding / Chapter in Edited Book

Year of Publication: 2017

Name of the Faculty	Department	Title of the Article	Name of Journal / Book	ISSN / ISBN / DOI
Devajyoti Bokolial	Botany	Fermented foods and beverages of Meghalaya	Fermented Foods and Beverages Editor: P. Tamuli	ISBN: 9788179105474
Author No: 3				
Probidita Roychoudhury	Computer Science	A Group-based Authentication Scheme for Vehicular Moving Networks	International Conference Accessibility to Digital World, Guwahati, India Date Added tp IEEE Xplore: 8 th June 2017	eISBN: 978-1-5090-4291-3
Author No: 1				
Aiusha V. Hujon	Computer Science	Existing English to Khasi Translated Documents for Parallel Corpora Development: A Survey	Regional International Conference on Natural Language Processing, Imphal, India, 2017 Date of Publication: November 3-4, 2017	-
Author No: 1				

R. N. Bhuyan Author No: 3	Fishery Science	Assessment of Population Structure and Genetic Diversity of Chocolate Masheer (<i>Neolissochilus hexagonolepis</i> , McClelland, 1839) in Selected Water Bodies of Meghalaya Using Microsatellite Markers	Fisheries and Aquaculture Research in North East India	ISBN: 978-000000-978-4 -
M. A. Laskar Author No: 2	Bio Technology	Assessment of Population Structure and Genetic Diversity of Chocolate Masheer (<i>Neolissochilus hexagonolepis</i> (McClelland, 1839) in Selected Water Bodies of Meghalaya Using Microsatellite Markers	Fisheries and Aquaculture Research in North East India	ISBN: 978-000000-978-4 -
R. N. Bhuyan Author No: 3	Fishery Science	Reproductive Biology of <i>Neolissochilus hexagonolepis</i> (McClelland, 1839) from Different Rivers of Meghalaya, India – A Comparative Study	Fisheries and Aquaculture Research in North East India	ISBN: 978-000000-978-4 -
Jeremy N. Syiem Author No: 2	Zoology	Determination of antibacterial properties of traditional medicines collected from three villages in the state of Meghalaya	ICAVLS 2017 Proceeding Editors: R. P. Bhaskar and Ratnakar D. B.	ISBN: 978-93-84124-96-0
Sona Lyndem	Bio chemistry	Determination of antibacterial properties of	ICAVLS 2017 Proceeding	ISBN: 978-93-

Author No: 1		traditional medicines collected from three villages in the state of Meghalaya	Editors: R. P. Bhaskar and Ratnakar D. B.	84124-96-0
Jeremy N. Syiem Author No: 1	Zoology	Seasonal Variations in the Lukha River, Meghalaya with regards to Physiochemical Parameters and the Presence of Coliforms as Bioindicators	ICAVLS 2017 Proceeding Editors: R. P. Bhaskar and Ratnakar D. B.	ISBN: 978-93-84124-96-0
McKinnel M. Lyngwi Author No: 2	Bio chemistry	Seasonal Variations in the Lukha River, Meghalaya with regards to Physiochemical Parameters and the Presence of Coliforms as Bioindicators	ICAVLS 2017 Proceeding Editors: R. P. Bhaskar and Ratnakar D. B.	ISBN: 978-93-84124-96-0

RECORD OF PUBLICATIONS SUBMITTED UNDER RESEARCH CELL'S MONETARY INCENTIVES SCHEME 2017

Category of the Award: Individual

Stream: Humanities, Social Sciences, Commerce and Management

Category of Article: National Journal

Year of Publication: 2017

Name of the Faculty	Department	Title of the Article	Name of Journal / Book	Volume / ISSN
Br. Dr. A. L. Dkhar Sole Author	Principal	Effectiveness of Practice Teaching in Integrating Core Teaching Skills	Spectrum: Humanities, Social Sciences and Management	Vol. 4, 2017 ISSN: 2349-2929
Charlene M. Swer	Economics	Access and Participation of Rural Households to		Vol. 62, No. 1

Author No. 1		the Credit Markets in Meghalaya	Economic Affairs	ISSN: 0424-2513
K. S. Rajput Sole Author	Economics	Impact of Religious Affiliation on Fertility	Spectrum: Humanities, Social Sciences and Management	Vol. 4, 2017 ISSN: 2349-2929
F. Marbaniang Sole Author	Hindi	Khasi Katha- Sahitya Me Poorovoter: Sthiti evam Upasthiti	Samanvaya Poorvoter	Vol 1, Issue 4 ISSN: 2231-6132
Alpana Chakraborty Sole Author	Philosophy	An Analysis on the Nature and Functions of Mind: An Indian Approach	Spectrum: Humanities, Social Sciences and Management	Vol. 4, 2017 ISSN: 2349-2929
R. K. Purkayastha Sole Author	Political Science	Trading Cross Borders: A Case Study of Balat-SunamganjHaat in East Khasi Hills of Meghalaya	Spectrum: Humanities, Social Sciences and Management	Vol. 4, 2017 ISSN: 2349-2929

The Faculty members are encouraged to take part in various seminars and conferences related to their research topics.

The Faculty members are encouraged to publish their articles in the National and International Journals.

The Faculty are encouraged to go for research leading to M.Phil. and Ph.D. Degrees

Research Papers and Books published by the Teachers have got admiration and good ratings and the Institute provide incentives.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Online E-Journals, Reviews and E-books subscribed.

New Printers and Photocopier were purchased for the Library.

Toilets for Boys and Girls were constructed in the Library.

Renovation of existing Library Building.

Various Counters for the Library Staffs was created to make the issue and receipt of books more convenient.

Construction of New Classes Rooms and Lavatories

6.3.6 Human Resource Management

The Staff, Students and Stake holders are encouraged institutional planning and administration. Registration Fee paid by the Management for the Staff and Students in participating various seminars and workshops.

Faculty Development Programmes.

Staff and Faculty sever as Resource Persons for various Workshops and Programmes organised by different schools and colleges.

Seminar/ Workshop/ Conference/ Orientation attend by the Faculty

Sl. No.	Seminar/ Workshop/ Conference/ Orientation etc	No. of Participants from the College	Date
1	Short-Term Course on Gender Sensitization at UGC – Human Resource Development Centre, North Eastern Hill University, Shillong	2	8 th – 13 th October 2018
2	“Effective Learning through Facilitating: Role of Academic Leaders” at Principals’ Meet, Guwahati	1	29 th September 2018
3	Participated at the Rufford India Conference: Fostering Grass-roots Conservation in India – A Rufford Initiative at The Fern Beira-mar Resort, Vasvoddo, Benaulim, Salcete – Goa, India.	1	18 th – 21 st September 2018
4	Faculty at the Hindi Seminar organised by the Office of the Principal Accountant General (Audit) Meghalaya.	1	29 th August 2018
5	Resource person for a one – day Programme on Attitudes for the Student-Teachers of St Mary’s College of Teachers Education.	1	25 th August 2018
6	Refresher Course on Cooperative Policy and Development for Faculty of Indian Universities/ Colleges.	1	27 th August – 1 st September 2018
7	“Joint International Society for Clinical Biostatistics and Australian Statistical Conference 2018 (ISCB ASC 2018 held at the Melbourne Convention and Exhibition Centre, Australia.	1	24 th August – 1 st September 2018
9	Paper presentation at the XIV International Congress of Parasitology to be held at Daegu, South Korea.	1	18 th – 27 th August 2018
10	Short Term Course on “Computational Fluid Dynamics for Engineering Applications using Open Foam and Fluent” (CFDEA – 2018) at the Department of Biomedical Engineering NEHU, Shillong.	1	6 th – 10 th August 2018
11	Summer School in Basic Sciences held at the UGC – HRDC, North Eastern Hill University Shillong.	1	4 th – 24 th July 2018
12	44 th Orientation Programme at UGC – Human Resource Development Centre, North Eastern Hill University, Shillong.	1	4 th – 31 st July 2018
13	29 th Mid-Year Meeting of Academy of Sciences to be held at Infosys Development Centre, Mysuru.	1	27 th – 30 th June 2018
14	Hands-on training workshop on “Basic Cell Culture Technology” at NCCS, Pune	1	14 th – 17 th May 2018
15	8 th Review Meet of the Biotech Hubs of North East India at NERIST, Arunachal Pradesh.	1	11 th – 12 th April 2018
16	Workshop on Microscopy with image Analyzer and its Applications.	1	27 th – 28 th March 2018
17	Presentation of paper titled ‘ Role of Institution in traditional farming practices: A Case Study of Nongtraia Area in Meghalaya’ at the 19 th Annual Conference of the	1	23 rd – 24 th March 2018

	North Eastern Economic Association (NEEA).		
18	Winter School at the UGC – Human Resource Development Centre, North Eastern Hill University, Shillong	3	19 th March – 8 th April 2018
19	Refresher Course at the UGC – Human Resource Development Centre, North Eastern Hill University, Shillong	1	19 th March – 8 th April 2018
20	Refresher Course at Indian Academy of Sciences at Bengaluru.	1	15 th – 30 th March 2018
21	Training Program on the subject “Cancer Genomics” at the Tata Memorial Centre, Advanced Centre for Treatment, Research and Education in Cancer, Kharghar, Navi Mumbai.	1	11 th – 17 th March 2018
22	National Seminar organized by Hindi Department, NEHU on “Hindi ka Rashtriya Paridrishya Aur Poorvoter Bharat”	1	9 th – 10 th March 2018
23	Workshop on ‘Third Workshop on Computing: Theory and Application’ jointly organized by the Computer and Communication Sciences Division, Indian Statistical Institute and Computer Science and Engineering Department, National Institute of Technology, Meghalaya.	1	19 th – 24 th February 2018
24	Refresher Course at Sikkim University, Gangtok.	1	29 th January – 9 th February 2018
25	Refresher Course on Tribal Studies at the UGC - Human Resource Development Centre, North Eastern Hill University, Shillong.	2	22 nd January – 11 th February 2018
26	42 nd Orientation Programme at the UGC – Human Resource Development Centre, North Eastern Hill University, Shillong.	3	15 th January – 11 th February 2018
27	Workshop on “Machine Learning using Python” organized by IIIT Manipur in Imphal.	1	4 th – 11 th December 2017
28	“Images as Modes of Knowledge, Social Practice and Affect” at The National Institute of Technology, Silchar organized by The Global Initiative of Academic Networks (GIAN).	1	27 th November – 8 th December 2017
29	Paper presentation at the National Seminar on the Philosophy of Swami Vivekananda organized by NEHU, Shillong.	1	21 st – 23 rd November 2017
30	Refresher Course at the UGC – Human Resource Development Centre, North-Eastern Hill University, Shillong	1	13 th November – 3 rd December 2017
31	Advance Leadership Camp (ALC) at Jorhat organized by the 61 st Meghalaya Girls Bn NCC.	1	13 th – 28 th November 2017
32	Conference on Natural Language Processing RegICON 2017.	1	3 rd – 4 th November 2017
33	Winter School Programme on ‘Recent advances in Aquaculture Biotechnology’ at the College of Fisheries, Lembucherra, Tripura.	1	1 st – 21 st November 2017
34	Workshop on ‘Atomistic Computer Simulation Techniques’ at Assam University, Silchar.	1	31 st October – 1 st November 2017

35	Refresher Course in Emerging Trends in Science & Technology (IDC) – I held at the UGC - Human Resource Development Centre, Guwahati University, Guwahati.	1	25 th October – 14 th November 2017
36	Summer Research Fellowship Programme at the Central University of KeralaKasaragod.	1	1 st October – 28 th November 2017

LIFE SKILLS ORIENTATION PROGRAMME FOR STUDENTS

Venue: Rural Resource and Training

Sl. No	Dates	Department	No. Of students	Session	Resource Person
1	12/05/18	MCA (Sem II & IV)	30	1. Getting to know	Prof G. Kharumnuid
				2. Mutual Appreciation	Prof G. Kharumnuid
				3. What defines you	Prof G. Kharumnuid
2	21/05/18	MSc (Sem II & IV)	42	1. Getting to know	Prof G. Kharumnuid
				2. Expectations from future spouse	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
3	25/7/18	5 th Semester Evening College	31	1. Expectations from future spouse	Prof Albert Nongrum
				2. Psychological perspective of marriage	Rev. Fr. George Palamattam SDB
				3. Some causes of marital discord	Prof Albert Nongrum
4	01/08/18	5 th Semester B.Com (M)	61	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
5	02/08/18	5 th Semester B.Com (D)	63	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid

6	03/08/18	5 th Semester B.Com (A)	55	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
7	06/08/18	5 th Semester History	41	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
8	10/08/18	5 th Semester Maths	31	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
9	11/08/18	5 th Semester BBA & Music	40	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
10	13/08/18	5 th Semester Khasi	31	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
11	14/08/18	5 th Semester English	48	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
12	16/08/18	5 th Semester Political Sc	56	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid

13	17/08/18	5 th Semester Media Tech- MCVP	48	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
14	18/08/18	5 th Semester Biotech - Biochem	52	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
15	10/09/18	5 th Semester Botany & Zoology	61	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
16	11/09/18	5 th Semester Fishery Sc.& Statistics	60	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
17	12/09/18	5 th Semester Chemistry & Comp. Sc	54	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
18	13/09/18	5 th Semester Economics	54	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
19	14/09/18	5 th Semester Physics & Geology	67	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord	Prof G. Kharumnuid

				(Gender and the Brain)	
20	15/09/18	5 th Semester Philosophy	56	1. Expectations from future spouse	Prof G. Kharumnuid
				2. Reflection on Expectations	Prof G. Kharumnuid
				3. Some causes of marital discord (Gender and the Brain)	Prof G. Kharumnuid
19	29/10/18	IstSem MCA & MSc.	46	1. Getting to know	Prof G. Kharumnuid
				2. Requirements for Success	Rev. Fr. George Palamattam SDB
				3. Mutual Appreciation	Prof G. Kharumnuid

ORIENTATION PROGRAMME FOR 1ST SEMESTER
ARTS/SCIENCE/COMMERCE

Over 1400 students from the 1st Semester - 2018 attended the one day orientation programme from 10th July to 14th July 2018, department wise. The objective of the Programme was to instil in the students a sense of purpose and responsibility as they embark on the important journey of college life. The main resource person for the programme was Rev. Fr. Sagi Stephen SDB, former Rector and Vice Principal of the College. He was also assisted by other members from the Value Education Department and representatives from various Clubs and Associations of the College.

The students were also acquainted with the various academic and co-curricular activities that the college undertakes for their holistic growth and development.

ORIENTATION PROGRAMME FOR 3rd and 5th SEMESTER
ARTS/SCIENCE/COMMERCE

A team from Initiatives of Change (IoFC), Maharashtra, facilitated the Orientation programme for the students of the 3rd and 5th Semesters (Arts, Science and Commerce) from the 14th June 2018 to 25th June 2018, respectively. The main objective of the programme was to sensitize the students on the need for taking initiatives as well as participating in activities that will bring about transformation in their personal life and the society as a whole. The sessions laid emphasis on the importance of believing in one's own uniqueness and capacity to contribute for the betterment of the society.

Date	Class	Day	Departments	Venue
14/06/2018	5 th Semester BA	Thursday	COMMERCE & BBA	College Auditorium
18/06/2018	5 th Semester BA	Monday	ENGLISH, ECONOMICS, POLITICAL SCIENCE and MUSIC	Conference Hall

19/06/2018	5 th Semester BA	Tuesday	HISTORY, KHASI, PHILOSOPHY, MEDIA TECH & MCVP	Conference Hall
15/06/2018	3 rd Semester BA	Friday	COMMERCE & BBA	College Auditorium
20/06/2018	3 rd Semester BA	Wednesday	ENGLISH, MUSIC, POLITICAL SCIENCE, MEDIA TECH & MCVP	College Auditorium
21/06/2018	3 rd Semester BA	Thursday	HISTORY, KHASI, PHILOSOPHY and ECONOMICS	College Auditorium

3rd SEMESTER - SCIENCE

Date	Class	Time	Department
23/06/2018	3 rd Semester B.Sc.	9.00 – 11.00 a.m	Bio-chemistry, Bio-technology, Botany, Zoology, Fishery
	3 rd Semester B.Sc.	1.00 – 3.00 p.m	Chemistry, Computer Sc, Geology, Maths, Physics, Statistics
25/06/2018	5 th Semester B.Sc.	9.00 – 11.00 a.m	Bio-chemistry, Bio-technology, Botany, Zoology, Fishery
	5 th Semester B.Sc.	1.00 – 3.00 p.m	Chemistry, Computer Sc, Geology, Maths, Physics, Statistics

Life Skills Outreach Programmes:

Dates: 22nd May to 1st June 2018

The department of Value Education conducted a number of Lifeskills Orientation programme for the Class X students of schools from in and around Shillong. The objective of the programme was to motivate the students and instil in them a sense of confidence and belief in themselves as they journey through life.

Sessions on Self Awareness, Study Skills and Goal setting were conducted by the resource persons from the department.

Sl.No	Date	Name of the Institution	Number of students attended
1	22 nd May 2018	Khasi Jaintia Presbyterian School, Shillong	119
2	24 th May 2018	St Francis School, Mawkasiang	30
3	28 th May 2018	H. Elias Higher Secondary School, Shillong	55
		Seng Khasi Higher Secondary School, Shillong	87
4	29 th May 2018	Synod Higher Secondary School, Shillong	84
		St Joseph Higher Secondary School, Shillong	31
7	30 th May 2018	St Dominic Higher Secondary School, Shillong	118
8	31 st May 2018	Nora Evalyn School, Shillong	20
		St Peter's Laitkroh, Mawjrong, Shillong	48
9	1 st June 2018	St Francis School, Smit, Shillong	70
		Divine Saviour Higher Secondary School, Shillong	70

1. Career Counselling programme for class XII students of different schools

Career counselling programmes were conducted specifically for the Class XII students of fifteen schools . The programme started at 9.15am and ended by 3.00 pm. The morning sessions were on the topics of hard work, methods of study and options after Class XII. The afternoon session was on relationship issues and their possibilities of studying at St. Anthony's college were also discussed.

The programme was highly appreciated by the teachers and the students.

Sl.No	Date	Name of the School	Number of Students attended
1	6 th November 2017	1. St Anthony's Higher Secondary School 2. St Margaret Higher Secondary School 3. St Mary's Higher Secondary School	540
2	7 th November 2017	1. St Anthony's Higher Secondary School 2. St Margaret Higher Secondary School 3. St Mary's Higher Secondary School	540
3	8 th November 2017	1. Holy Child Higher Secondary School 2. Divine Saviour Higher Secondary School 3. Hubert Memorial Higher Secondary School 4. Sacred Heart Girls Higher Secondary School 5. Seven Set Higher Secondary School	415
4	9 th November 2017	1. H. Elias Higher Secondary School 2. St Francis Higher Secondary school, Mawkasiang 3. St John's Higher Secondary School 4. Government Girls Higher Secondary School 5. Don Bosco Higher Secondary School, Smit 6. Mizo Modern Higher Secondary School 7. Presbyterian Higher Secondary School, Tynring	345

6.3.7 Faculty and Staff recruitment

The Management advertises the Post to be filled in Newspapers and College websites and calls for applications. Recruitment is done by the Selection Committee consisting of VC's Nominee, Subject Experts, Academician representing SC/ST, Differently-abled, Principal-Cum-Secretary, DHTE representative. The interview report along with the Governing Body resolution is sent to the DHTE and the appointment is then given by the Director of DHTE as per the UGC norms.

6.3.8 Industry Interaction / Collaboration

Field visits and industrial visits at State and National level undertaken .

Collaboration with Industries and other noted Institutions to organise seminar and workshop and value added courses.

Guest Lectures given by persons from industrial background.

6.3.9 Admission of Students

There is an online and offline registration for both UG and PG courses.
 Entrance tests are conducted for Departments of Biotechnology, Economics, English, BBA, Media Technology, MCVP and Computer Applications.
 Admission to other courses of College is based on Merit.
 Preference to economically poor and first generation learners.

6.4 Welfare schemes for:

Teaching	Yes, Research incentive, Financial assistance to attend conferences, workshops and seminars and opportunities for exchange program.
Non teaching	Yes, Financial assistance for emergencies and short term loans.
Students	Fee waver, Scholarships award for outstanding achievement in academic and financial assistance to participate in sports and other events.

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done: Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	No	No	No
Administrative	Yes	Examiner of Local Accounts, Government of Meghalaya	Yes	Charetered Accountant

6.8 Does the University/ Autonomous College declare 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?

Under the Affiliaed university(NEHU), Regular BOS meetings take place to look into the smooth execution of the syllabus.
 Meetings also take place often between Meghalaya Principal Council, Meghalaya College Teachers' Association and Controller of Examination to see into the Exam.

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

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6.11 Activities and support from the Alumni Association

Participating in Alumni Meeting.
Providing Feedback.
Informal Support and encouragement from the Alumni is extended for overall development of the Institution.
Guest Lectures are connected through Alumni.

6.12 Activities and support from the Parent – Teacher Association

The parents have been supportive of the students' welfare. Parents meet the principal the faculty of the departments to discuss issues related to education of students and the problem of parents. The departments had parents teacher meet at the departmental level.

6.13 Development programmes for support staff

Staff Orientation Programme-cum-Picnic.
May Day Celebration.
Christmas Celebration.
Staff Loan.

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

Environmental Club
College organised Swachh Bharat Campaign by cleaning the Campus.
Sapling Planting.
Awareness Programme and Guest Lecture on Environment.
Rainwater Harvesting.
Plastic Free Zone.
E-waste Management.
Cleaned the neighbouring Locality along with the residence of the Locality.

Criterion – VII

7. Innovations and Best Practices

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

Organisation of regular Governing Body, HoDs and Staff Meet.
Organisation of Morning Assembly for Students.
Adoption of Principle of inclusiveness and organising programmes that promote Gender Sensitivity, sense of belongingness and respect for others.
Participatory approach in decision making and involvement of the faculty in the annual budget preparation and annual calendar of the College.
Providing counselling and mentoring training to the Teachers of every department.
Financial assistance to the poor students particularly the socially disadvantaged to motivate the students.
Remedial Classes for low achievers.
Guiding students to present papers.
Scholarship to students achieving academic excellence.
Pre-placement training through Soft Skills and Aptitude Training.
Students Educational Package cum Health Insurance provided.
Certification courses and Value added courses offered to students.
Alumni Supporting the College Education to Economically and Socially backward students.

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

Construction of the College New wing whereby sufficient number of classrooms, toilets, labs, conference hall and furniture are available.
150 acres of land has been purchased for the College so that future plans of the College could be realised.

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

Best Practice I

Inclusiveness and Gender Sensitivity, sense of belongingness and respect for others put into practice by the students in the Campus: In an attempt to keep up with the changing attitude and approach to many issues that until recently were considered taboo or unnatural controversial and irrelevant, the college has introduced courses, seminars and workshops on Inclusive Education, Gender sensitisation Resource persons from reputed organisation were invited to speak and/or to animate these programmes.

Best Practice II

Energy Conservation: The College has ensured that its infrastructure receives as much natural light as possible to avoid the use of electricity throughout the day. In case situations where the use of electricity is unavoidable, awareness was created to ensure that all stakeholders turn off the lights, electrical machines and other gadgets when they are not in use. Further, the college has installed more than twenty solar street lights in the campus and reduced the use of electric powered lamps significantly.

In what could be considered a major step in the conservation of energy, the college has installed a solar power system that will generate electricity for many of its offices, labs and classrooms. This is being done in a phase wise manner and it is hope that by next year the college will be able to bank on solar energy more significantly for its power supply.

7.4 Contribution to environmental awareness / protection

The Institute believes in promoting a society which cares for the environment. Many activities were undertaken to make the Campus eco-friendly. Solar panels on the roof are used as an alternative to conventional energy sources. Usage of LED bulbs in the College has reduced the electricity bill. The College has a vermi-compost unit in which organic matter is converted into manure. Constant effort to minimise waste generated in the Labs is made. Efforts are also made to go paper free by introducing Online Notices. The College has a Nature Club which has taken upon itself the task to spread awareness and provide platforms to discuss environmental issues. Tree plantation drives have been organised. The college has also taken the initiative to recycle every sheet of used paper that we could find. It amounted to 900kgs of paper that we recycled. The students of the College also celebrate the World Environment Day, International Ozone Day and Polythene Free Campus every year.

7.5 Whether environmental audit was conducted? Yes

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

STRENGTH

- Strategic location and easy accessibility.
- Supportive management with a progressive vision.
- Transparency in staff recruitment based on merit.
- Faculty with experience and qualification.
- Dynamic student community with high potential for self empowerment.
- Plethora of opportunities in curricular/co-curricular activities and sports.
- Highly committed and responsible staff.

WEAKNESS

- Limitation in the introduction of newer Curriculum and syllabus due to lack of academic freedom arising from being affiliated to a university.
- Consultancy and Industrial linage lacking due to absence of industries and companies in the region.
- Financial constrains effect infrastructure development.
- Lack of space for outdoor sports activities.

OPPORTUNITIES

- Industry oriented courses can be designed to ensure employability.
- Ample scope for providing consultancy services.
- Excellent academic environment.
- Collaboration with National and International Universities.

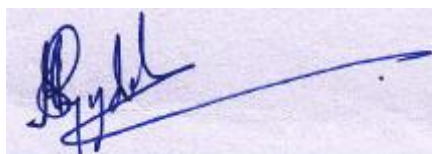
CHALLENGES

- Resource mobilisation agencies apart from Government and UGC.
- To have collaboration with industries and universities.
- To introduce integrated courses.

8. Plans of institution for next year

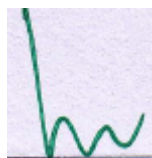
Facilitate Academic Administrative, Environmental Audit.
Achieve NIRF Ranking.
Further enhance the career paths and enhancing competency of students.
To introduce integrated courses at the graduate and post-graduate levels
Strengthen research activities for faculty.

Name Dr. H.G. Lyngdoh



Signature of the Coordinator, IQAC

Name Br. Albert L. Dkhar (SDB)



Signature of the Chairperson, IQAC

Annexure I

Abbreviations:

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
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

Annexure II

Presentation & Participation:

V. Jennefer Joan Wallang : Attended and Presented a Paper titled “ Development of Drainage Pattern in and around Shillong Urban Agglomeration , N.E. IndiaAdvances in Remote GIS Applications held at North East Space Application Centre, Umiam on May 10-11, 2018

V. Diengdoh : Workshop on “Advanced Petrography” organized by Department of Geological Sciences, Gauhati University, Guwahati, 26th June- 1st July, 2018

V. Diengdoh: Residential Workshop on “Promoting Resiliency Skills of College Students” conducted by Siloam and St. Anthony’s College, Shillong at Siloam Transformational Resource Centre, April 25-28, 2018

Faculty of Mathematics attended and presented papers at Three day National Seminar on “Topology and Algebra” held in the Mathematics Department NEHU, Shillong on the 6th to 28th March 2018; National Seminar on “Pure and Applied mathematic”, Department Mathematics, St. Mary’s College, Shillong, 19th to 20th September 2018

Mr Albert Nongrum and Arlene Kharnongrum attended the training for trainer on Psychosocial care in Disaster organised by NIMHANS in Collaboration with USAID/UNDP- 20th 22nd March 2018

Sr Lusika Sangma and Ms Arlene Kharnongrum attended the National Conference on Substance, Suicide, Adolescents: Effects of substance abuse and suicide in Adolescence. 7th July 2018

Ms Arlene was Resource Person in St Mary’s College- Dietetics and nutrition Department on Career Counselling- 19th May 2018

Ms Arlene was External Examiner in the Department of Counselling Psychology (MLCU)- 9th and 10 June 2018

Ms Arlene was Resource Person in St Mary’s B.Ed College- “Counselling” 9th June 2018

Mr Gregorius Kharumnuid and Ms Arlene Kharnongrum were Resource person in St Mary Higher Secondary School- Personality Development and Relationship- 16 June 2018

Mr Gregorius Kharumnuid was the Resource person in St Mary’s B.Ed College- workshop on Attitude- 25th August 2018

Mr Albert Nongrum was a resource person for the Seng Rangbah Catholic Church, Umsning- Leadership- 22nd September 2018

Mr Albert Nongrum and Arlene Kharnongrum were Resource persons for the Seng Samla Nongthymmai Parish- Personality Development and Leadership- 30th September 2018

Dr. R.S. Wankhar presented a paper on 5th March 2018 at Lady Keane, Shillong on the contribution of V.G. Bareh in the field of Khasi drama.

Prof. T. Lynshing and Prof. D. Byrsat accompanied the students of the Department who participated in a regional seminar held on 4th August 2018. The seminar was organized by the Department of Khasi, Shillong College and Khasi Authors’ Society (KAS) and the theme of the seminar is “Haba im ka Ktien, im ka Jaitbynriew.”

Prof. R.S. Wankhar participated in a seminar on “Haba Im ka Ktien, Im ka Jaitbynriew”. This seminar was organized by the Khasi Department, Thomas Jones College, Jowai in collaboration with the Authors’ Society on 18th August 2018.

Prof. R.S. Wankhar participated and presented a paper entitled “Ka Ktien, u Rishot baskhem ka Jaitbynriew” in a Seminae held on 25th August 2018. The theme of the seminar is “Haba Im ka Ktien, Im ka Jaitbynriew”. This seminar was organized by the Khasi Department, Jaiñtia Eastern College, Khliehriat in collaboration with the Authors’ Society.

Dr. Y. Satya presented “Market Collaborations and Institutional Feasibilities: Understanding Agri-promotional Measures in Meghalaya”, Communicated to Spectrum, spectrum.ss.@anthonys.ac.in, Journal of St. Anthony’s College, Shillong, 2018.

At Indian Council for Agricultural Research), Barapani, Shillong as a Counsellor for Training Session of Waste Management, ENVIS, NEHU, Shillong.

At Teaching and training sessions for the “Green Skill Development Program (GSDP), ENVIS Secretariat, Ministry of Environment, Forest & Climate Change (MoEF&CC), 6th Floor, Vayu Wing, Indira Paryavaran Bhawan, JorBagh Rd, New Delhi – 110003 organised by ENVIS, Bio-Medical Department, NEHU, Shillong.

Ph.D Thesis Evaluator: of Manomaniam Sundaranar University, Tirunelveli. (Under the Guidance of Prof. V. Sounderaraja, HOD, Deptt. Of Commerce, STH College, Nagarcoil.)

Mr. M Sugin Raj, Reg. No 11127, Thesis titled “A Study on Micro, Small and Medium Entrepreses Growth and its impact on Indian Economy and Environment with Special Reference to Kanyakumari and Tirunelveli Districts.

Mrs. P. M. Sirumalar Rajam, Reg. No. 8471 titled “Role of Women Entrepreneurs (SHG) in Promoting Industrial Development in KK Dist – A Study”.

A.S. Kharbuli: attended Short Term Course in SPSS in HRDC, NEHU, Shillong.

Miss S. Diamai attended and presented a poster in the *National symposiumon Recent Trends in Chemical Sciences (RTCS 2017)* organised by the Department of Chemistry, NIT, Meghalaya on 12 – 13 October, 2017.

Dr. Aicydalyne Snaitang participated in the **Refresher Course in Nanoscience and Nanotechnology**, conducted by conducted by the UGC-HRDC, NEHU, Shillong, from the 13th November to 3rd December, 2017.

Dr. Icydora Kharkongor, participated in the **42nd Orientation Programme** conducted by the UGC-HRDC, NEHU, Shillong, from the 15th January to 11th Feruary, 2018.

Dr. Icydora Kharkongor participated in the *Seminar on Emerging Environmental Trends for Sustainable Development: Issues and Challenges* organised by the Department of Environmental Management, William Carey University, Shillong, on the 26th September, 2018.

Dr. Icydora Kharkongor has attended a four day *residentialWorkshop on Promoting Resiliency Skills of College Students* Conducted by Siloam and St. Anthony’s College, Shillong on 25 – 28 April, 2018.

Publications:

Sesitive determination of 6-mercaptopurine based on the aggregation of phenylalanine-capped gold nanoparticles, **Siewdorlang Diamai**, Wandibahun Warjri, Dipika Saha, D.P.S. Negi *Colloids and Surfaces A* 538 (2018) 593-599

A three component one-pot synthesis of N-amino-2-pyridone derivatives catalyzed by $KF-Al_2O_3$ **Baskhemlang Kshiar**, O. Risuklang Shangpliang, Bekington Myrboh *Synthetic Communications* 2018, 48, 14, 1816-1827.

Selenium Dioxide As an Alternative Reagent for the Direct α -Selenoamidation of Aryl Methyl Ketones Risuklang Shangpliang, **Baskhemlang Kshiar**, Kmendashisha Wanniang, Ibakyntiew D. Marpna, Tyrchain Mitre Lipon, Badaker M. Laloo, and Bekington Myrboh *Journal of Organic Chemistry* 2018, 83, 10, 5829-5835.

Dr. F Marbaniang: Participated in a four day residential workshop on ‘Promoting Resiliency Skills of College Students’, organised by Siloam and St. Anthony’s College, Shillong at the Siloam Transformational Resource Centre held from 25-28 April, 2018.

Participated in a faculty Orientation Programme, organised by IQAC St. Anthony’s College Unit, Shillong held on 20th April 2018.

Paper presented on “Hindi Lok Ka Paridrishya aur Khasi Lokkathaen” in a National Seminar ‘Hindi Ka Paridrishya aur Poorvoter Bharat’ organised by Hindi Dept. NEHU, Shillong in collaboration with Uttar Pradesh Bhasha Sansthan, Lakhnw, held on 9th and 10th March 2018.

Paper presented on “Rashtriya Jivan main Loksahitya ka Mahatva” in a National Seminar ‘Poorvoter Bharat main Hindi ki Sthiti’ organised by Hindi Dept. Budha Bhanu Saraswati College, Shillong, held on 22 September 2018.

Dr Simanta Chutia attended 29th Mid Year Meeting of Indian Academy of Sciences at Infosys Leadership Institute, Mysore, during 28-30 June, 2018.

Mr Francis lawphniaw attended an orientation programme conducted by UGC Human Resource Development Centre, NEHU, during 15th January to 11th February, 2018

Dr Donrich Kharkongor attended a Science Academies Refresher Course on “Basic Physics and Topology” conducted by Physics Department, Sikkim University during 29th January to 9th February, 2018.

Dr Donrich Kharkongor attended a UGC sponsored Summer School in Basic Sciences organized by NEHU during 4th July-24th July, 2018.

Mr Vincent R. Khongwir attended a winter school conducted by Human Resource Development Centre, NEHU during 19th March to 8th April, 2018.

Dr Donrich Kharkongor attended a two days Science Academies Lecture Workshop conducted at Assam University, Silchar during 31st October-1st November, 2018.

Paper publications:

Inertial frictional ratchets and their load bearing efficiencies, D. Kharkongor, W. L. Reenbohn, and M. C. Mahato, **Journal of Statistical Mechanics: Theory and Experiment**, Volume 2018, March 2018

Forced Thermal Ratchets and Stochastic Resonance in Inhomogeneous Underdamped Periodic Potential System, V. R. Khongwir, and D. Kharkongor, **International Journal of Science and Research**, Volume 7, Issue 5, May 2018

Resonance oscillation of a damped driven simple pendulum, D. Kharkongor, and M. C. Mahato, **European Journal of Physics**, Volume 39, September 2018

Dr. D. Lyngdoh attended the 14th International Congress of Parasitology (ICOPA) organised by Korean Society for Parasitology and Tropical Medicine (KSPTM) | World Federation of Parasitologists (WFP) at Korea from the 19th – 24th August, 2018

Dr. D Lyngdoh attended the National Conference on Recent Advances in Applied Biological Sciences (RAABS) at NEHU, Shillong organized by the department of Biotechnology and Bionformatics, NEHU, Shillong from 4-5 May, 2018

Dr. D. Lyngdoh attended the European Research Day at the Embassy of Poland, New Delhi organized by Euraxess India on 28 September, 2018

Mr. A.D. Marbaniang attended FOCUS AREA SCIENCE TECHNOLOGY SUMMER FELLOWSHIP in Central University of Kerala under Dr. M. Nagarajan Department of Genomic Sciences for 56 days, 2nd October 2017 to 26th November 2017 organised by IASC-INSANA-NASI.

Smt. K.R.R. Mihsill attended a workshop on “Optical Microscopy with Image Analyzer and its applications” organized by SAIF, NEHU, 27th – 28th March, 2018.

Dr. B. Massar, Ms. E. Wanniang and Mr. J. N. Syiem participated in the Seminar cum Workshop on Rally for Umngi: A River Conservation Movement organized by The Friends of the Umngi River at Synod College on 20th October 2017.

Dr. C.S.Rao presented a paper on Agricultural potential of “Sohphlang”(*Flemingia procumbens* Roxb.) an indigenous medicinal plant of Meghalaya.in the national seminar on Himalayan Plant diversity:

Taxonomy, conservation and sustainable Utilization, organised by Botanical survey of India, ERC, Shillong from 8th to 9th March 2018.

Ebelmon Nongbri Participated in four day residential workshop on “Promoting resiliency skills of college students” A programme on helping and monitoring conducted by Siloam and St. Anthony’s College, Shillong at the Siloam Transformation centre from April 25th to 28th, 2018.

Ebelmon Nongbri Participated in the faculty orientation programme organised by St. Anthony’s College Shillong under the aegis of IQAC, SAC Unit on the 20th April, 2018.

Dr. Morning Lyngdoh **attended** a two-day National Conference organised by the Department of Philosophy Lady Keane College, Shillong, Meghalaya, in February 2018.

Dr. Alpana Chakraborty **attended** a Two-day National Conference ‘On the Philosophy of Swami Vivekananda and its Relevance in the World, Organised by The Department of Philosophy, North Eastern Hill University, Shillong, Meghalaya in March 2018.

Sri Ambrose Dothdong **attended** a two-day National Conference organised by the Department of Philosophy Lady Keane College, Shillong, Meghalaya in March 2018.

Dr. Alpana Chakraborty **attended** a two-day National Conference organised by the Department of Philosophy Lady Keane College, Shillong, Meghalaya in march 2018.

Sri Ambrose Dothdong **attended** Usha Bhattacharjee Memorial Talk in Lady Keane College Shillong on the 8th September 2018.

Dr Alpana Chakraborty **Presented a Paper on “The Concept of Man in Swami Vivekananda’s Practical Vedanta”** On a Two-day National Conference ‘On the Philosophy of Swami Vivekananda and its Relevance in the World’, Organised by The Department of Philosophy, North Eastern Hill University, Shillong, Meghalaya in March 2018.

Dr. Alpana Chakraborty was invited as a **Subject Expert** for conducting interview in the Department OF Philosophy Women’s College, Shillong, Meghalaya in May 2018.

Dr. Alpana Chakraborty was **invited as a Resource Person** in Women’s College, Shillong, Meghalaya and **conducted a Stress-Management programme** on the occasion of International Yoga Day on the 21st June 2018.

Dr. Alpana Chakraborty was invited as a **Resource Person** in Doordarshan Kendra, Shillong, Meghalaya and participated in a **Panel Discussion on the Topic “National Unity” on 26th October 2018.**

Dr. C Sawian attended workshop on “Promoting Resilience Skills of College Students” conducted by Siloam and St. Anthony’s College Shillong at the Siloam Transformational Resource Centre from 25-28th April, 2018.

Dr. C Sawian attended The Indian Program of the UNESCO Chair in Bioethics (Haifa) “3T- IBHSc training course for Health Science Faculty” held at NEIGRIMS, Shillong from 9-11th March 2018.

Dr. C Sawian attended a two day International Seminar on “Ethical Challenges and Contemporary Issues in Creative Research: Uniformity vs Creativity” organized by Research and Innovation Committee and Institutional Ethics Committee, Lady Keane College, Shillong, during 19-20 February 2018.

Dr. C Sawian attended the North-East Autumn School on “Genetic Analyses of Complex Traits” organized by Indian Statistical Institute, Kolkata and St. Anthony’s College Shillong held at St. Anthony’s College Shillong from 5-6th September 2017.

Dr. S Nongrum attended Orientation Programme organized by St Anthony’s College, Shillong under the aegis of the IQAC, SAC unit on 5th May 2017.

Dr. S Nongrum attended Regional workshop on Research Based Pedagogical Tools held at North-Eastern Hill University, Shillong organised by Indian Institute of Science Education and Research(IISER) Pune & North-Eastern Hill University, Shillong from 27th -29th July 2017.

Dr. S Nongrum is an Organizing member and participated the North-East Autumn School on Genetic Analyses of Complex Traits organized by Indian Statistical Institute, Kolkata & St Anthony’s College, Shillong from 5th -6th September 2017.

Dr. S Nongrum attended a two Day International Seminar on Ethical Challenges and Contemporary Issues in Creative Research : Uniformity vs Creativity organized Research and Innovation Committee & Institutional Ethics Committee by Lady Keane College, Shillong during 19th-20th February 2018.

Dr. S Nongrum attended the Indian Program of the UNESCO Chair in Bioethics (Haifa) ‘3T-IBHSc Training course for Health Science Faculty held at NEIGRIHMS, Shillong from 9th -11th March 2018.

Dr. S. Nongrum attended the Faculty Orientation Programme organized by St Anthony’s College, Shillong under the aegis of the IQAC, SAC unit on the 20th April 2018.

Dr. M A Laskar Major project Co-PI: DBT-Twining project: “Molecular and Genetic Characterization of selected important ornamental Fishes of North East India” Budget:54.820248 lakhs (For SAC)

Dr. M A Laskar Minor project of MAL as Co-PI in collaboration with ZSI Shillong, Centre : “Status Survey of *Raorchestesshillongensis*– a Critically Endangered frog Endemic to Meghalaya”. Budget:Rs 40,000 (for SAC).

Dr. M A Laskar has a Collaboration :

a. with ICAR-Directorate of Cold Water Fisheries, Bhimtal, Uttarakhand (Dr. C. Siva, Scientist C)

b. with ZSI, Shillong regional office (Dr. I.J. Kharkongor, Scientist D and In-Charge and Mr. B. Saikia, Junior Scientist).

Papers published:

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Article in press: Sharma L, Shahnawaz A, Barat A, Kumar R, Pande V, **Laskar, M. A.**, Sahoo, P.K., Sumer S. Molecular identification and genetic diversity analysis of Chocolate mahseer (*Neolissochilus hexagonolepis*) populations of Northeast India, using mitochondrial DNA markers. **Mitochondrial DNA Part A (Taylor and Francis Journal)** doi: <https://doi.org/10.1080/24701394.2018.1526929>

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S Lyndem presented at International Conference of Agriculture, Veterinary and Life Sciences 2017 Proceedings on Determination of antibacterial properties of traditional medicine produced from Umwai

village, Mawlai town and Lyngkyrdem village of the state of Meghalaya at ICAVLS Goa on the
02.02.2017 ISBN 978-93-84124-96-0