

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

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID:

1.4 NAAC Executive Committee No. & date:

1.5 Website address:

Web-link of the AQAR:

1.6 Accreditation Details:

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	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	5 years

1.7 Date of Establishment of IQAC:

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

1.9 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 **16/12/2016**

1.10 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 UGC 2(f) UGC 12B

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

1.11 Type of Faculty/Programme:

Arts Science Commerce Law PEI (PhysEdu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

MUSIC; MASS COMMUNICATION AND VIDEO
 PRODUCTION; MEDIA TECHNOLOGIES

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

NORTH EASTERN HILL
 UNIVERSITY (NEHU)

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

Autonomy by State/Central Govt. / University:	<input type="text" value="-"/>		
University with Potential for Excellence:	<input type="text" value="-"/>	UGC-CPE	<input checked="" type="checkbox"/>
DST Star Scheme	<input checked="" type="checkbox"/>	UGC-CE	<input type="text" value="-"/>
UGC-Special Assistance Programme	<input type="text" value="-"/>	DST-FIST	<input type="text" value="-"/>
UGC-Innovative PG programmes	<input type="text" value="-"/>	Any other (<i>Specify</i>)	<input type="text" value="DIC"/> <input type="text" value="RUSA"/>
UGC-COP Programmes	<input type="text" value="-"/>		

2. IQAC Composition and Activities

2.1 No. of Teachers:	<input type="text" value="11"/>	
2.2 No. of Administrative/Technical staff:	<input type="text" value="01"/>	
2.3 No. of students:	<input type="text" value="-"/>	
2.4 No. of Management representatives:	<input type="text" value="03"/>	
2.5 No. of Alumni:	<input type="text" value="01"/>	
2.6 No. of any other stakeholder and community representatives:	<input type="text" value="01"/>	
2.7 No. of Employers/ Industrialists:	<input type="text" value="01"/>	
2.8 No. of other External Experts:	<input type="text" value="03"/>	
2.9 Total No. of members:	<input type="text" value="21"/>	
2.10 No. of IQAC meetings held:	<input type="text" value="02"/>	
2.11 No. of meetings with various stakeholders:	<input type="text" value="08"/>	No. Faculty <input type="text" value="03"/>
Non-Teaching Staff Students	<input type="text" value="02"/>	Alumni <input type="text" value="01"/> ers <input type="text" value="-"/>

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

If yes, mention the amount

Rs.3 Lakh from 2012 to 2016

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institutional Level

(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 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	<p>More CCTV have been fixed and Wi-fi connectivity in the campus</p> <p>New equipment/instruments ICT were added to the various science departments, Mass Media deptt. and Music deptt.</p> <p>New server, laptops, computers were procured during the year to enhance ICT and overall IT needs of the college</p> <p>The library infrastructure has been enhanced with the Introduction of RFID for management of library services.</p> <p>Installation of additional computer terminals and digital photocopiers and scanner.</p> <p>Maintenance of existing infrastructure like the auditorium, rest rooms and a facelift to faculty common room and in some departments.</p> <p>Fr. Wallaston Building for management have been initiated</p>
Campus job placement services to be extended to the students belonging to other institutions within the state	<p>Campus interviews for placement by reputed firms (Wipro technologies, Infinite, TCS, iServe, SLK software etc.) from the industry were conducted in the college for students of the college.</p> <p>Coaching / Remedial classes for science, arts, commerce & management were also conducted</p>

To publish two double blind peer reviewed journals	The college has published two double blind peer reviewed journals in the month of May 2016 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 13 classrooms in it with 38 technology upgradation for 295 students with 22 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.

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	03	-	-	-
PG	02	-	-	-
UG	04	-	-	-
PG Diploma	01	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	03	-	03	03
Others	11	-	-	-
Total	25	-	-	-

Interdisciplinary	-	-	-	-
Innovative	03	02	-	-

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] DIPLOMA (1) = 24
Trimester	-
Annual	05 (Under-Graduation)

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.

Departments of Sociology and Education at the Extension Campus

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	8	31	5
Resource Persons	-	7	4

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

- ICT – enabled teaching learning process followed
- Student centered teaching structured introduced
- ICT teaching tools installed
- Incentives given for creativity and participation in classes
- In departments academic mentors and personal mentors are assigned to ensure the Identified students are guided and assisted.

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

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 40

2.10 Average percentage of attendance of students: 86 %

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
SAC Extension 4 th Sem	72		2.78%	40.28%	33.33%	76.39%
SAC Extension 2 nd Sem	98		3.23%	40.86%	43.01%	87.10%

* 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	-	-	-
SAC Extn. Administrative Staff	2	-	-	6
SAC Extn. Technical Staff	1	-	-	-

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	33.03	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	-	24	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	2	2	-

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 (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	NBFG, 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)		RUSA notified	Yet to receive	Yet to receive
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, DST-SERB, 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	-	02	-	-	-	-

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)

JRF - SRF - Project Fellows - Any other 7

3.21 No. of students Participated in NSS events:

University level 29 State level 100

National level 3 International level 17

3.22 No. of students participated in NCC events:

University level - State level 15

National level 30 International level 2

3.23 No. of Awards won in NSS:

University level 1 State level 1

National level - International level -

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="8"/>
National level	<input type="text" value="4"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="6"/>		
NCC	<input type="text" value="2"/>	NSS	<input type="text" value="1"/>	Any other	<input type="text" value="4"/>

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

Extension:

The Departments of the college has been able to put up major activities during the year 2016-2017. The details of the activities are given below,

1) Village outreach program in Umden, RiBhoi district:

2017, theCyber club of Computer Science department carried out an outreach program to Umden village where students train students of schools in the village. Teachers from theses schools of the village were also given training by the department.

2) Students of History Department visited Ever Living Museum at Mawshabuit on 12th July 2017 and interacted with children of the village.

A. Life skill Outreach programmes:

The department conducted a number of Life Skill programmes for the Secondary and Higher Secondary students. The programmes started at 9.00 in the morning and concluded at 3.30 pm in the evening. The morning sessions were on ‘the preciousness of life, our relationship with God our creator, study skills and microscope experience in the Laboratory of the Zoology department. The afternoon sessions focused on ‘relationships with each other and Confidence Building’. The students were also taken to different laboratories to expose them to science, the botanical garden to teach about the preciousness of nature and the need to preserve flora. They also visited other parts of the college like the library which motivated them to do well in their life. The day ended with Tea and snacks.

1. Class X students of DonBoscoSchool ,Bengtol- Assam

The department conducted aLife Skill Programme on 24th March 2017 for Don BoscoSchool ,Bengtol- Assam. The programme was aimed at making the students appreciate the preciousness of their life and there by the need to do well in their life.

The programme was attended by 48 students and 3 teachers. The students enjoyed the day and many of them were motivated to work hard so that they can join the college later in their life.

2. High School Students from different Schools of Shillong

The department of Value Education conducted a number of Life Skill Programmes from 17th May 2017 to 14th June 2017 for the Secondary and Higher Secondary students from different

Schools of Shillong. The programmes were aimed at making the students appreciate the preciousness of their life and there by the need to do well in their life. They had a session on Malaria prevention as well.

The students enjoyed the day and many of them were motivated to work hard so that they can join the college later in their life.

Sl.No	Date	Name of the Institution	Number of Students attended
1	17 th May 2017	St Francis School, Mawkasiang	59
2	18 th May 2017	St Peter's School, Madanriting	35
3	18 th May 2017	Stephen Ferrando Higher Secondary School, Lawjynriew	25
4	19 th May 2017	St John's School, Mawshbuit	24
5	29 th May 2017	St Dominic School, Nongrah	89
6	30 th May 2017	St Rose School Umpling	94
7	12 th June 2017	H. Elias Higher Secondary School, Nongthymmai	112
8	14 th June 2017	Hubert Memorial Higher Secondary School, Umpling	108

3. Career Counseling programme for class XII students of different schools

Life Skill cum career counseling 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	1. H. Elias Higher Secondary School	345

2017	<ol style="list-style-type: none"> 2. St Francis Higher Secondary school, Mawkasiang 3. St John's Higher Secondary School 4. Government Girls Higher Secondary School 5. Donbosco Higher Secondary School, Smit 6. Mizo Modern Higher Secondary School 7. Presbyterian Higher Secondary School, Tynring
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B. Special Programmes conducted for the college

1. Orientation Programme for 1st Semester Students

The Orientation programme for all the 1st semester students was conducted in order to help the students familiarize themselves with each other and with the activities in the college. During this orientation programme the students were once again welcomed into the college, they were informed about the history of the college, its rules and regulations and the different facilities that are available in the college. Senior students from different organizations and clubs in the college were also invited to give information to the 1st semester students regarding the different activities that they conduct and also to provide information about its membership. During the orientation a number of group activities were also conducted for the students to have fun and get to know each other better

Sl. No	Date	Departments	Number of students attended
1	29 th June 2017	History, Political Science, Philosophy, Economics	213
2	30 th June 2017	English, Khasi, MCVP, Media Technology, Music	188
3	1 st July 2017	Commerce- Day, Morning, Evening	208
4	3 rd July 2017	Biochemistry, Biotechnology, Fishery Science, Botany, Zoology	212
5	4 th July 2017	Chemistry, Physics, Computer Science, Geology, Mathematics, Statistics	225
6	5 th July 2017	Absentees of previous days	80
7	6 th July 2017	BA and B.Com Evening College	84

2. The Life skill Programme for 5th Semester at Siloam

The department conducted 'one day Life Skill Programme' at Siloam for the 5th Semester students of different departments. They would go in the morning and return back in the evening. The main resource person was Pf. Gregory. The content and the place of the programme were appreciated by all.

Sl.No	Date	Department	No of Students attended
1.	9 th August	Mass Media	45
2.	10 th August	Business Administration and Music	46
3.	11 th August	Economics and English	75
4.	16 th August	B.Com Day	56

5.	17 th August	Biotechnology and Biochemistry	66
6.	18 th August	Fishery Science and Geology	66
7.	21 st August	B.Com Evening	66
8.	22 nd August	Khasi and Economics	79
9.	23 rd August	History and Philosophy	80
10.	6 th September	B.Com Morning	65
11.	7 th September	Zoology and Statistics	52
12.	8 th September	Botany, Maths and Computer Science	79
10	9 th September	BA Evening	41
11	11 th September	Chemistry and Physics	63
Total No of Students			879

3. The Life Skill Programme for the 4th Semester at RRTC Umran, (Ongoing)

The day long Life skill programme for the 4th Semester students at the Rural Resource Training Center (RRTC), Umran started on 13th of November and will complete on the 11th of December. The main thrust of the programme is self-awareness and getting to know each other in the department better which help them to grow as a group.

Sl No.	Departments	Date	No of Students Attended
1.	Economics	13 th November 2017	41
2.	English	14 th November 2017	43
3.	History	15 th November 2017	45
4.	Khasi	16 th November 2017	38
5.	MCVP & M. Tech	17 th November 2017	35
6.	Philosophy	18 th November 2017	Yet to be done
7.	Music & BBA	20 th November 2017	Yet to be done
8.	BCom Morning	21 st November 2017	Yet to be done
9.	BCom Day	22 nd November 2017	Yet to be done
10.	BCom Afternoon	27 th November 2017	Yet to be done
11.	Evening College	28 th November 2017	Yet to be done
12.	Political Science	29 th November 2017	Yet to be done
13.	Mathematics	1 st Decemeber 2017	Yet to be done
14.	Computer Science and Physics	2 nd December 2017	Yet to be done
15.	Geology	4 th December 2017	Yet to be done
16.	Biotechnology	5 th December 2017	Yet to be done
17.	Biochemistry	6 th December 2017	Yet to be done
18.	Chemistry	7 th December 2017	Yet to be done
19.	Botany	8 th December 2017	Yet to be done
20.	Zoology	9 th December 2017	Yet to be done
21.	Statistics	11 th December 2017	Yet to be done

C. Outreach programme by Faculty

The faculties of the department were invited for the following programmes by the different

organizations.

Sl.No	Date	Name of the Programme	Name of the Faculty
1	6 th April 2017	Observer for CBSE Class X and XII final Exams JNV Mukhla	Prof. (Sr) Lusika Sangma
2	7 th May 2017	Resource person for a talk in All India Radio "Importance of quality time with the family" a talk in Khasi	Prof A. Kharnongrum
3	23 rd July 2017	Resource person for "Capacity building and leadership skills" for student department representatives of St Anthony's College	Prof. G. Kharumnuid
4	9 th Aug. 2017	Resource person for St Mary's B.Ed College "Workshop on Attitude"	Prof. G. Kharumnuid
5	29 th Sep. 2017	Resource person for DERT, Shillong "Importance of Value Education in Schools"	Prof. G. Kharumnuid
6	2 nd Oct. 2017	Resource person at the CMI Educational Summit 2017, Bangalore for a talk on 'Don Bosco's Educational method and Value Education'	Fr. Sagi Stephen
6	18 th Oct. 2017	Resource person for a talk in All India Radio "Managing quality time with the children in this digital age- a challenge for parents" a talk in Khasi	Prof A. Kharnongrum
7	22 nd and 29 th October 2017	Resource person for two days workshop in Nongthymmai Parish on "Self-awareness and confidence Building"	Prof. Albert Nongrum Prof A. Kharnongrum
8	4 th -5 th Nov 2017	UGC Net Observer-Guwahati SBOA Public School	Prof(Sr) Lusika Sangma
9	5 th and 19 th Nov 2017	Resource person for two days workshop in Nongthymmai Parish on "Challenges that the Youth face in today's generation"	Prof. Albert Nongrum Prof A. Kharnongrum

D. Counseling

Counselling services are been provided to cater to the needs and problems of the students at their intrapersonal, interpersonal and social levels. The year in question has been busy and rewarding with the number of students approaching for counselling slowly picking up its pace again. As there was a change from the annual system to the semester system, there has been a decline in the activities that were going on in the counselling cell, but finally in the last semester we have noticed an increase in the number of students seeking counselling services.

Contrary to the belief that counseling is only for the severely mentally disturbed people, it is also to help the students deal with day to day problems, issues, crises and trauma. Some of the common issues are problems in studies like lack of concentration, inattentivity, absenteeism, memory, exam fear, adjustments, coping skills, decision making, self confidence, self esteem, self worth, assertiveness, anxiety, extreme fears, obsessions, depressions, suicidal intention, confusions, addictions of various types, handling relationships in personal and family life, social initiation, motivation and many more.

Keeping in mind the varied distinction in the background and culture the students come from,

and a number of religious people who have registered themselves as students in the college. We also provide pastoral counselling by professionals from this field, and also the expertise of many professors are provided in order to help in the area of career counseling. Counseling services is also extended to the people outside the college as a community service.

Data of Students coming for Counselling

Students		Community Service		Total
Male	Female	Male	Female	
17	26	6	10	59

Republic Day Camp- 2017, New Delhi

The Camp was held from 1ST January 2017 to 31ST January 2017 in New Delhi .

The following Cadets from St. Anthony's College, NCC were selected under NER Directorate:

1. SUO. M.V. Mayarso
2. JUO. Gaurav Deb
3. JUO. PhainShylla
4. JUO. NiangHoilun

Cadets Achievements

5. Rajpath March: i) JUO. Raymond Kharbuli.

International Yoga Day- 21st June 2017

The NCC cadets of St. Anthony's College actively volunteered during the programme. Around 54 NCC cadets actively took part in the Yoga Day Celebration organised by 41 Meghalaya Artillery Battery NCC, Shillong .

NCC Camp held at Military Hospital, Shillong from 10th July to 22nd July, 2017

The following NCC Cadets were selected to attend the camp held at Military Hospital, Shillong from 10th July to 22nd July, 2017

1. KhushbuKumari Ray
2. BadaphunKhongsni.

Kargil Vijay Divas in St. Anthony's College- 26th July, 2017

St. Anthony's College remembered the Martyrs and celebrated the Kargil Vijay Divas in honour of those brave soldiers who fought and laid down their lives willingly at the front for our motherland, India. In the programme the college NCC performed Guard of Honour for **Late Capt. K.C. Nongrum (MahaVir Chakra)** who sacrificed his life in the Kargil War- 1999 for our great nation India. The chief guest of the programme was **Col. Manoj Kumar**, Commanding Officer of 41 Megh, Arty, Bty, NCC, Shillong. There were (Retd). Brig. William Sturgeon, Director of Sainik Welfare Board, Shillong and Parents Late Capt. K.C. Nongrum and brothers of Late Capt. K.C. Nongrum. There was also the wreath laying ceremony in honour of our hero **Late Capt. Keishing Clifford Nongrum, MahaVir Chakra.**

The following cadets performed the Guard of Honour:

1. SUO. M.V. Mayarso
2. JUO. Gaurav Deb
3. JUO. PhainShylla
4. JUO. Raymond Kharbuli
5. CDT. Deep Shankar Nath
6. CDT. B.O. Longninglam Anal
7. CDT. KyntiewborRopmay
8. CDT. Faizal Ahmed

Slow March was performed by:

1. JUO. Sunny Sangma

2. BHM. Manoj Das

Piloting was performed by:

1. SUO. Priyanka Lyngdoh
2. JUO. IbahunlangKharbihkhiew
3. CDT. Dahunshisha
4. CDT. PameiGangreilui.

Combine Annual Training Camp (CATC), held at Smit from 30th July to 8th August 2017, Shillong

The following NCC Cadets were selected to attend the Combine Annual Training Camp held at Smit from 30th July to 8th August, 2017

1. SUO. Priyanka Lyngdoh
2. JUO. Natasha Wahlang
3. SGT. TimhorLeisan
4. CDT. PameiGangreilui
5. CDT. PhilinaNonkynrih
6. CDT. KimhoichongHaokip
7. CDT. JustilinKharkongor
8. CDT. JoycylinKharkongor
9. CDT. Moon Brahma
10. CDT. SudarshanaRajkumari
11. CDT. Gloria Basumatry
12. CDT. Gindeihkim
13. CDT. ShingamlaSiri
14. CDT. MonalishaMuchahary
15. CDT. Dahunshisha Uriah
16. CDT. Monika Singh
17. CDT. EnrikaMasali
18. CDT. NazmaHussainChoudhury.

Army Attachment Camp (ATC), held at Umroi Military Station, Shillong

The following NCC Cadets were selected for Army Attachment Camp held at Umroi Military Station from 02nd August to 16th August, 2017

1. CDT. ShanborlangDhar
2. CDT. Bhamiweiroi Lyngdoh
3. CDT. B.O. Longningam Anal
4. CDT. Bittu Paul
5. CDT. KyntiewborRopmay
6. CDT. Govinsenlawphniaw
7. CDT. JingjamAreng
8. CDT. Faizal Ahmed
9. CDT. WanteilangBasaiawmoit

Achievements of Cadets (ATC)

1. Faizal Ahmed - Best Basketball Player
2. Govinsenlawphniaw - Best Dancer in Cultural.

Special National Integration (SNIC) Camp held at Leh (Jammu and Kashmir) from 12th August to 23rd August, 2017

JUO. IbahunlangKharbihkhiew was selected to attend the camp at Leh (Jammu and Kashmir) from 12th August to 23rd August, 2017.

71th Independence Day Celebration- 15th August, 2017

St. Anthony's College celebrated the 71th Independence Day, 2017. The NCC of the college performed the Flag Hoisting Ceremony and organised the March pass competition. The chief guest was Professor Manas Das Gupta of Chemistry Department. The NCC Cadets along with the students from AYC, NSS, hostellers from Stephen Hall and Mamma Margret and Commerce Department and science students took active participation in various competitions in the college premises.

Combine Annual Training Camp (CATC-4), held at Umroi Military Station, Shillong.

The following NCC Cadets were selected for Combine Annual Training Camp held at Umroi Military Station from 16nd August to 25th August, 2017

- 1.CDT. EmlangSungoh
- 2.CDT. Elvis Mate
- 3.CDT. Gouminlun
- 4.CDT. KiranBiswas
- 5.CDT. EnboklangPariong
- 6.CDT. MavgustineZou
7. CDT. Martin MangSanglian
8. CDT .Rodrick Mario Nongbri
9. CDT. Benedict Lamin
- 10.CDT. KsankuparKhonglam
- 11.CDT. OriusSyngkli
- 12 CDT. K.B. Abel
- 13 CDT. Dominic Sangma
- 14.CDT. Ronald Tungnung
- 15.CDT. BikramSingha.

Guest Lecture Organised by NCC Unit St. Anthony's College on the 15th September, 2017

St. Anthony's College NCC Unit organizes Guest Lecture on the topic- Career Counselling in the Armed forces and How to face SSB interview which was delivered by Col.RajeevBagga, Commanding Officer 41 Meghalaya, Artillery, Battery, NCC, Shillong. Around 120 NCC Cadets attend the programme.

Youth Exchange Programme (YEP) to Singapore from 6th November to 1st December, 2017

SUO. **M.V.Mayarso** was selected to attend the **Youth Exchange Programme (YEP)** to Singapore from 6th November to 1st December, 2017 which was conducted by Directorate General NCC, New Delhi.

Advanced Leadership Camp (ALC) held at Jorhat (Assam) from 15th November to 26th November, 2017.

The following NCC Cadets were selected to attend the Advanced Leadership Camp (ALC) held at Jorhat from 15th November to 26th November, 2017

- 1.SUO. Priyanka Lyngdoh
- 2.JUO. Natasha Wahlang
- 3.JUO|bahunlangKharbihkhiew.

*NSS special camp

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	Construction of G +3 ongoing	UGC + RUSA + College Fund	200.00 lakhs
Class rooms	53+9*	4*	College fund	7,00,000
Laboratories/Studios	53+1*	-	College Fund	5,00,000
Seminar Halls	2+1*	-	CPE-UGC	6,04,245
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	-	College Fund	11.00
Value of the equipment purchased during the year (Rs. in Lakhs)	-	-	-	14 lakhs*
Others	-	Furniture & fittings 400 chairs*	College fund	6,00,000

* SAC Extension

4.2 Computerization of administration and library

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

- The Library provides open access to Staff and Students
- At the beginning of every semester, the Librarian addresses the students, explaining the methods of using the Library resources.
- Journals and magazines are kept in open rags.
- The Librarian and eight Library assistants ensure the use and security of resources in the Library.
- Auto Library software facilitates the borrowing and issue of books quickly.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	36217 +	-	2243		38460	-
Reference Books	1796*		+1187*		+2983*	
e-Books	-	-	-	-	-	-
Journals	28	-	2		30	18,100/-
e-Journals	2	-	-	-	6	6,42,616/
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Photocopiers	1	-	1	-	2	-
Scanner	-	-	1	-	1	-
Printer	1	-	1	-	2	-

*SAC Extension

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Library	Browsing Centres	Computer Centres	Office	Departments	BIF	Others (Laptops, notebooks, servers language lab, etc)
Existing	526 + 17*	333 +1*	20mbps	57+3*	0	11+ 1*	65+9*	25	35
Added	10+21*	0	0	0	0	1	0	10	9
Total	536 +38*	333+1*	20mbps	57+3*	0	12+ 1*	65	35	44

*SAC Extension

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

- College Conducts online examinations for the Government and Private organizations Various Industrial courses conducted by the departments which helps the teachers and students of our college as well as from other colleges to upgrade their skills, such as CCNA (Cisco Certified Network Associate), REDHAT, SAP, TALLY, Introduction to IT Course, DTP(Desktop Publishing), Spoken Tutorials by IIT Bombay etc.
- College provides infrastructure for conducting online courses for the Government and non-governmental organisation.
- College conducts computer courses like-DTP, Introduction of IT, Outreach program, CCNA, Teacher training Programmes
- Provide Internet Facility to all the departments of the college and for students, there are dedicated systems for browsing in the Library and also through wi-fi in and around Campus. Students can also browse at night time in their respective hostels.
- Teaching through Moodle by the department of Computer Science

- Campus Antivirus License
- ERP for the college

4.6 Amount spent on maintenance in lakhs :

i) ICT	4.00
ii) Campus Infrastructure and facilities	13.00
iii) Equipments	2.00
iv) Others	7.00
Total :	26.00

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Creating awareness through banners, information in prospectus, conducting special session at the student orientation, department notice boards etc.

5.2 Efforts made by the institution for tracking the progression

- Keeping in touch with alumni through social networking.
- Conducting annual alumni meet for tracking their progress.
- Contacting the students and asking their appointments/placements.
- Heads of the department and the principal meet to discuss on the progress of students in academics. The suggestions and feedback brought by the Heads from faculty helps the college in taking policy decisions in amending a suitable system to assure and enhance academic performance of the students.
- From the past experience it is understood that 70-80% students who passed UG usually go for PG programmes in different specialisations in different institutions in national and international institutions.
- 30-40% of PG students having research orientation take Ph.D programme as their further academic Progression.
- The rest of the students after UG and PG generally take up some Job either through campus placements or through their personal efforts.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others(Certificate courses, PGDCA, Tally, JAVA, PC assembly, DTP, Photoshop, and Introduction to IT)
3449	143	6	23

(b) No. of students outside the state

(c) No. of international students

<table border="1"><tr><th>No</th><th>%</th></tr><tr><td>1733</td><td>47.85</td></tr></table>	No	%	1733	47.85	Men	<table border="1"><tr><th>No</th><th>%</th></tr><tr><td>1888</td><td>52.14</td></tr></table>	No	%	1888	52.14	Women
No	%										
1733	47.85										
No	%										
1888	52.14										

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OB C	Physically Challenged	Total
747	126	2369	184	05	3432	700	59	2660	196	06	3621

Demand ratio Dropout

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

The Students Development Services (SDS) organise;

- The college conducts intensive competitive exam coaching classes for UPSC/MPSC, CAT, MAT after the class hour for students who are interested.
- Career counselling, soft skill development, Personality Development are conducted to enhance the Soft Skills and aptitude of students

No. of students beneficiaries

5.5 No. 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

STUDENT COUNSELLING (FOR INDIVIDUAL CASES):

1. Individual counselling provided to students, desirous for pursuing job – related examinations,
2. Information disseminated on Correspondence Coaching facilities available for such candidates,
3. Information on scope and feasibility of higher learning opportunities were given,
4. Information on institutions of higher learning both at national and international level were given,
5. Availability of scholarships, grants and student loans discussed

CAREER AWARENESS PROGRAMMES:

1. Career Awareness Programme for UG Commerce students in association with Institute of Cost Accountants of India, New Delhi; 29th June, 2016 – 335 students attended
2. Career Awareness Programme for UG students from Department of Psychology, Assam Don Bosco University, Guwahati; 3rd August, 2016: 450 students attended
3. Career Awareness Programme for UG students from Rajagiri Business School, Kochi; 29th September, 2016: Management Programs and Employment Opportunities: 450 students attended

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

The College organised a workshops on Gender Sensitisation under the Equity Initiatives of RUSA sponsored by the MHRD, Government of India. The resource persons at the workshop came from an NGO called Regional Action on Inclusive Education North East (RAISE NE)Shillong and from the Indian Institute of Technology (IIT) Guwahati. The workshop was of three days duration and more than three hundred students participated in the sessions held during the workshop included gender inequality, violence against women and children, factors leading to such incidents, way forward towards equality, equity and empowerment of women and need for proper policies and laws.

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:

	Number of students	Amount
Financial support from institution (including waiver scholarships)	85	5,52,500/-
Financial support from government	1773	N.A
Financial support from other sources	N.A	N.A
Number of students who received International/ National recognitions	43	N.A

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 10

5.13 Major grievances of students (if any) redressed:

The total number of grievances put forward by students was 24 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

E-governance is incorporate through various processes such as online admission, MIS(Attendance fee collection) Library Management and Group SMS

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

6.3.1 Curriculum Development

Some faculty member are deputed to attend academic programs in National and International institutions to be able to transact better the curriculum of the University and suggest changes to the affiliated University. Faculty members are also encouraged to attend seminars and workshops to obtain expertise in contemporary domains. Continuous interactions with eminent persons and faculty in Statutory bodies help them in providing comprehensive and relevant suggestions in the University BOS meet to bring about up to date changes in the curriculum.

6.3.2 Teaching and Learning

Lecture methods along with assignments, presentations, fieldtrips and seminars are widely used by the faculty in all the departments. However these are augmented by other innovative teaching learning methods suitable for specific subjects.

Quality sustenance and enhancement measures are taken to ensure constant upgradation for teaching learning methods through improvements in teacher quality and conduct of FDP, training and workshop by the IQAC Principal and Management.

Implementing students centric methods like Debate, Quiz, Group discussion, Role play
Student Seminars and Digital student aids

6.3.3 Examination and Evaluation

The college follows semester system and hence continuous internal evaluation and weightage to formative evaluation was introduced and implemented.

6.3.4 Research and Development

- First of all, the young faculty members are encouraged to pursue their doctoral work and the senior teachers are encouraged to go post-doctoral research work. During the period under reference, altogether **4 (Four)** faculty member received their Ph D degrees and **12 (Twelve)** faculty members carried out post-doctoral research work. A total of **4 (Four)** faculty members have used FDP / FIP scheme of the UGC to carry out their Ph D work.
- The college, in general, and the Research and Consultancy Cell (RCC) of the college, in particular, encourage the faculty members to take up minor and major research projects as well as consultancy services. To enhance the research capability of the faculty members, particularly the young faculty members, they are encouraged to participate in research capability enhancement programmes outside and the programmes are also organised in the college from time to time.

The number of research projects obtained by the faculty members is as under:

UGC Minor Research Projects	:5	Nos.
DBT Projects	: 1	Nos.
Other Projects	: 6	Nos.

The number of consultancy services obtained by the faculty members is: **01**

The number of faculty members who participated in various types of research capability enhancement programmes is as under:

Less than 7 days programme	: 45
7 – 10 days programme	: 2
Orientation programme	: 1
Short Term Course	: 1
Summer School	: 7

- The Research and Consultancy Cell (RCC) of the college provides monetary incentives to raise the number of publications and their standard. The incentives are as under:

Publication in international journal	: Rupees 1500 per publication
Publication of a book	: Rupees 1500 per publication
Publication in national journal	: Rupees 750 per publication
Publication in conference proceeding or edited book	: Rupees 500 per publication

The total amount of money under the above mentioned scheme is as under:

Number of publications in international journal	: 23
Number of publications of books	: 01
Number of publications in national journal	: 15
Number of publications in proceeding or edited volume	: 12

Total Amount of Money Disbursed: Rupees 49,000/-

The teacher with the highest number of publications in national and international research journals is also felicitated with a certificate. The department with the highest number of publications in national and international research journals under two categories is also awarded with a cash prize of Rupees 5000/- each and a certificate.

Category 1: Highest no. of publications with faculties, individually or jointly

Category 2: Highest number of publications with researchers or students

Altogether Rupees 15,000/- was awarded under the above mentioned scheme.

N. B. : There were some publications which were not submitted for consideration under the scheme.

- The college also encourages the faculty members to present their research findings, based on both primary and secondary data, in various seminars and conferences. The number of faculty members who participated in various seminars and conferences is as under:

International seminars, conferences, workshops, etc.	: 11
National seminars, conferences, workshops, etc.	: 9
Regional seminars, conferences, workshops, etc.	: 7

01

0000The Research and Consultancy Cell of the college also publishes two peer research journals with ISSN:

- 1. Spectrum: Humanities, Social Sciences and Management (ISSN: 2349-2929)**
- 2. Spectrum: Science and Technology (ISSN: 2349-2937)**

6.3.5 Library, ICT and physical infrastructure / instrumentation

The college infrastructure is keeping in pace with the changing needs and profile of the student population. To keep pace with the Science and Technological advancement infrastructures in the form of Labs, Library and other learning resources such as computers, LCD projectors and Wi-Fi facilities are created. The students and Staff can access free Wi-Fi connectivity in the campus.

Faculty members are motivated to prepare and use computer aided teaching learning. DELNET AND INFLIBNET can be access by the faculty and students.

6.3.6 Human Resource Management

The management makes effort to create a family atmosphere in the campus. Mutual cooperation and understanding is created by get-together and meetings the work culture of the college is obvious by the retention found in the institution.

The college has an effective S.A.C. Employees Mutual Benefit Coperative Society Ltd. for teaching and non-teaching staff.

Various types of motivational session and programmes are arranged:

Sl. No.	Seminar/ Workshop/ Conference/ Orientation etc (*Annexure-II)	No. of Participants from the College	Date
1	Attended Short-term Course on Research Methodology at the UGC – Human Resource Development Centre, North Eastern Hill University, Shillong.	3	7 th – 12 th August 2017
2	Attended National Seminar on “Strategies Innovations and Sustainable Management for Enhancing Coldwater Fisheries and Aquaculture” organized by ICAR – Directorate of Cold Water Fisheries Research Bhimtal at DCFR, Bhimtal.	1	21 st – 23 rd September 2017
3	Attended 7 th Review Committee Meeting of Biotech Hub DBT, NER at Manipur University	1	30 th – 31 st August 2017
4	Attended Advance Leadership Camp (ALC) at Jorhat organized by the 61st Meghalaya Girls Bn NCC.	1	15 th – 26 th November 2017
5	Attended Science Academies Lecture Workshop on Tropical Rain Forest Resources and their Conservation in India organized by the Department of Botany, North Eastern Hill University, Shillong.	1	27 th – 28 th June 2017
6	Attended Regional Workshop on Research Based Pedagogical Tools (RBPTs) organized by Centre of Excellence in Science and Mathematics Education (COESME), Indian Institute of Science Education and Research, Pune and North Eastern Hill University Shillong to be held at the Department of Chemistry, NEHU.	4	. 27 th – 29 th July 2017

7	Attended Tenth International Convention of Asia Scholars. ICAS 10 was held at the Chiang Mai International Exhibition and Convention Centre (CMECC) in Chiang Mai, Thailand.	1	20 th – 23 rd July 2017
8	Attended Short Term Course on Disaster Management at UGC Human Resource Development Centre, University of Burdwan.	1	21 st – 27 th February 2017
9	Attended National Conference on Chemical Physics at the Assam University, Silchar	1	20 th – 21 st March 2017
10	Attended National Conference on “ Environment and Pollution” at the National College, Basavanagudi, Bangalore	1	22 nd – 25 th March 2017
11	Attended Presentation of ‘Case Studies on Landslides in Shillong City’ during the Training of Government Officers, Teachers and CBOs/NGOs on ‘Comprehensive Landslide Risk Mitigation’	1	7 th April 2017
12	Taken program on ‘Sensitization Programme on the Need and Importance of Guidance and Counseling’ for the Principals of Secondary and Higher Secondary Schools of East Khasi Hills and Jaiñtia Hills Districts	1	26 th April 2017
13	Attended Summer School in the UGC – Human Resource Development Centre, North – Eastern Hill University, Shillong.	5	19 th June – 9 th July 2017
14	Awarded Young Scientist Medal for the best research paper presented at the Annual Congress of the Society at Bengaluru	1	27 th April 2017
15	Attended the DBT PFMS training at New Delhi	1	11 – 12 January 2017
16	Attended the STEM Teacher Training Workshop on Research based Pedagogical Tools at Tezpur University	1	27 – 30 January 2017
17	Attended the 38th Orientation Programme at UGC – Human Resource Development Centre at North Eastern Hill University	4	23 January – 19 February 2017
18	Attended a 2 day Orientation Programme on Legal Rights at Siloam, organized by Salesian of Don	1	5 – 6 February 2017

	Bosco, Shillong Province		
19	Attending a workshop on “Rural Research Methodology” conducted at NIRD&PR-NERC, Guwahati	1	27 February - March 3, 2017
20	Attended the International Conference on Radiation Biology (ICRB 2016) and 13 th Biennial Meeting of the Indian Society	1	8 th - 14 th November 2016
21	Perform with Quavers Chamber Choir at different Musical events in Delhi and other parts of the country	1	7 th - 12 th November 2016 & 21 st November - 5 th December 2016
22	Attended National Conference on Mathematics and its Application at Cotton College State University, Assam	1	21 st - 22 nd October 2016
23	Attended a Workshop on BIODOSIMETRY - 2016 AT BARC, Mumbai	1	15 th - 28 th November 2016
24	Attended National Seminar on “Poorvoter Bharat kiBhashaSahityaevamSanskritikeBadalteParipreksha”, at NEHU, Shillong	1	18 th – 19 th November 2016
25	Attended“ResearchMethology/capacity building for young faculties Students, and Research Scholars in Social Science” at Sikkim Government College, Gyalshing, West Sikkim	1	21 st – 27 th November 2016
26	AttendedFaculty Development Program for Teaching, Learning and Research Program under the United Board for Christian Higher Education in Asia Himalaya Colleges Initiatives at Union Christian College, Shillong	6	27 th – 30 th September 2016
27	Attended a Lecture on “User Centric Computing” delivered by Dr. S. Bhattacharya at Computer Science Department of St Edmund’s College, Shillong	2	2 nd – 3 rd September 2016
28	- Workshop on Protection of Women from Domestic Violence Act at National Institute of Public Cooperation & Child Development, Regional Centre,	2	21 st - 23 rd September 2016

	Guwahati		
29	Attended Short Term Course at UGC – Human Resource Development Centre North Eastern Hill University, Shillong	1	17 th - 22 nd September 2016
30	Attended National Conference on Contemporary Issues in Accounting and Finance at ICSSR Auditorium, Near NEHU’s New Guest House, North Eastern Hill University, Shillong	3	21 st - 22 nd October 2016
31	Attended a Workshop on Photography at Art Fix Designs	1	4 th November 2016
32	Attended a workshop on Internet of Things: A Gateway to Smart and Intelligent Future at National Institute of Technology, Meghalaya	1	4 th - 5 th November 2016
33	Attended 2 nd A.P. Science Congress at Andhra Pradesh Akademi of Sciences, Guntur jointly AcharyaNagarjuna University, Dr, NTR University of Health Sciences and Krishna University	1	4 th - 10 th November 2016
34	Participated in the EURAXESS Science Slam India 2016 in Hyderabad and been awarded the First Prize:	1	18 th November 2016

Outreach Programme

Sl.No	Date	Name of the Programme	No of Students
1	24 th March 2017 17 th May- 14 th June 2017	Life Skills Programme <ol style="list-style-type: none"> 1. St Francis School, Mawkasiang 2. St Peter’s School, Madanriting 3. Stephen Ferrando Higher Secondary School, Lawjynriew 4. St John’s School, Mawshbuit 5. St Dominic School, Nongrah 6. St Rose School Umpling 7. H. Elias Higher Secondary School, Nongthymmai 8. Hubert Memorial Higher Secondary School, Umpling 	409 students
2	6 th -9 th November 2017	Career Counselling Programme for Class XII students <ol style="list-style-type: none"> 1. St Anthony’s Higher Secondary School 2. St Margaret Higher Secondary School 3. St Mary’s Higher Secondary School 4. Holy Child Higher Secondary School 5. Divine Saviour Higher Secondary School 6. Hubert Memorial Higher Secondary School 7. Sacred Heart Girls Higher Secondary School 8. Seven Set Higher Secondary School 9. H. Elias Higher Secondary School 10. St Francis Higher Secondary school, Mawkasiang 11. St John’s Higher Secondary School 12. Government Girls Higher Secondary School 	1840 Students

		13. Donbosco Higher Secondary School, Smit 14. Mizo Modern Higher Secondary School 15. Presbyterian Higher Secondary School, Tynring	
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Outreach Programme by Faculty

Sl.No	Date	Name of the Programme	Name of the Faculty
1	7 th May 2017	Resource person for a talk in All India Radio “Importance of quality time with the family” a talk in Khasi	Ms Arlene Kharnongrum
2	23 rd July 2017	Resource person for “Capacity building and leadership skills” for student department representatives of St Anthony’s College	Prof. Gregorious Kharumnuid
3	9 th August 2017	Resource person for St Mary’s B.Ed College “Workshop on Attitude”	Prof. Gregorious Kharumnuid
4	29 th September 2017	Resource person for DERT, Shillong “Importance of Value Education in Schools”	Prof. Gregorious Kharumnuid
5	18 th October 2017	Resource person for a talk in All India Radio “Managing quality time with the children in this digital age- a challenge for parents” a talk in Khasi	Ms Arlene Kharnongrum
6	22 nd and 29 th October 2017	Resource person for two days workshop in Nongthymmai Parish on “Self-awareness and confidence Building”	Prof. Albert Nongrum Prof Arlene Kharnongrum
7	5 th and 19 th November 2017	Resource person for two days workshop in Nongthymmai Parish on “Challenges that the Youth face in today’s generation”	Prof. Albert Nongrum Prof Arlene Kharnongrum

Orientation Programme for 1st Semester Students

Sl. No	Date	Departments	Number of students attended
1	29 th June 2017	History, Political Science, Philosophy, Economics	213
2	30 th June 2017	English, Khasi, MCVP, Media Technology, Music	188
3	1 st July 2017	Commerce- Day, Morning, Evening	208
4	3 rd July 2017	Biochemistry, Biotechnology, Fishery Science, Botany, Zoology	212
5	4 th July 2017	Chemistry, Physics, Computer Science, Geology, Mathematics, Statistics	225
6	6 th July 2017	BA and B.Com Evening College	300
Total			1346

Life Skills Programme for 5th Semester Students

Sl.No	Date	Department	No of Students attended
1	9 th August 2017	Mass Media	45
2	10 th August 2017	Business Administration and Music	46
3	12 th August 2017	Economics and English	75
4	16 th August 2017	B.Com Day	56
5	17 th August 2017	Biotechnology and Biochemistry	66

6	18 th August 2017	Fishery Science and Geology	66
7	21 st August 2017	B.Com Evening	66
8	22 nd August 2017	Khasi and Economics	79
9	23 rd August 2017	History and Philosophy	80
10	6 th September 2017	B.Com Morning	65
11	7 th September 2017	Zoology and Statistics	52
12	8 th September 2017	Botany, Maths and Computer Science	79
13	9 th September 2017	BA Evening	41
14	11 th September 2017	Chemistry and Physics	63
Total No of Students			879

Life Skills Programme for 3rd Semester Students

Sl No.	Departments	Date	No of Students Attended
1.	Economics	13 th November 2017	41
2.	English	14 th November 2017	43
3.	History	15 th November 2017	45
4.	Khasi	16 th November 2017	49
5.	MCVP & M. Tech	17 th November 2017	55
6.	Philosophy	18 th November 2017	40
7.	Music & BBA	20 th November 2017	45
8.	BCom Morning	21 st November 2017	65
9.	BCom Day	22 nd November 2017	62
10.	BCom Afternoon	27 th November 2017	66
11.	Evening College	28 th November 2017	30
12.	Political Science	29 th November 2017	55
Total			785

6.3.7 Faculty and Staff recruitment

The college management adheres to Government of India and State Government Policies on recruitment. Well qualified faculty members who are committed to their profession, Subject Expertise and concern about students welfare are recruited.

6.3.8 Industry Interaction / Collaboration

Departments of Management Computer Application and Commerce maintain interaction and collaboration with industry and service sector. It is required for them to link from LAN to LAND.

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.

6.4 Welfare schemes for

Teaching	Research incentive, Financial assistance to attend conferences, workshops and seminars and opportunities for exchange program
Non teaching	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	Kiran Joshi CA

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?

The university has introduced semester system where the college conducts three internal assessments and the university conducts the end semester exams.

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

The university has given its consent to apply for the autonomy. Hence, the college is looking into the matter.

6.11 Activities and support from the Alumni Association

The members of the Alumni Association are always ready for help. It organised the social parting for the final year students of the college and conducts the annual gathering of the alumni. This is a regular feature it also organised Career Counselling Programmes for the students of the college.

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

The support staff is provided the opportunity of in service training programme.

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

Tree plantation drives, organised and attended seminars and workshop on environmental theme and also organised assemblies for students time to time and instructed them on waste management and waste disposal.

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.

The Management, through its several meetings and consultations with the faculty and staff of the college, found out that there existed areas where students were failing to achieve maximum potential be it in their studies, co-curricular and extra-curricular activities. After much deliberation and study, the Management decided to address this issue by interacting directly with the students at the departmental level on a regular basis.

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

In order to achieve the above objective, the Management structured to hold at least two student assemblies per semester, which are compulsory for students to attend. These assemblies were held at the beginning and towards the end of the semester. Different departments were given slots during the scheduled day for their students to attend the assemblies. In the assemblies, the Principal makes the students aware of various matters relating to their academics, their assessment and evaluation at different levels, their future prospects, and challenges and hurdles that they could encounter along the way. He also addressed issues such as truancy, not being punctual for classes, not making full use of the library, indiscipline and general decorum. Further, the Principal, through these assemblies, encouraged students to take interest in participating in the activities of the clubs and associations in the college operated by students.

The impact of such assemblies can be seen in students becoming more responsible and more sincere in their approach to their studies and other academic activities. The incidents of truancy, disciplinary matters, and low performance in exams and so on have seen a remarkable decrease. Students have started taking ownership of their own education and are engaging with their subjects and the teachers in a positive and constructive manner.

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

- a. Assembly of students two times per semester departmental wise
- b. Social outreach programmes to the students of higher secondary schools where the college is located.

7.4 Contribution to environmental awareness / protection

- a) The college has an well-established practice of segregating waste generated within the campus into biodegradable, non-biodegradable and hazardous waste. The hazardous waste are inactivated before being handed over to the Shillong Municipal Board (SMB) along with the other categories of waste. Waterless urinal system has been setup wherever feasible within the campus to reduce water usage . Awareness sessions are held with students, laboratory assistants and faculty members on waste segregation at source.

A vermicomposting unit meets the bio-fertilizer needs of the campus. Residents of the campus are encouraged to generate biofertilizer from their kitchen wastes. Usage of chemical fertilizers have been discontinued.

- b) Solar lamps have been installed for lighting the campus.
- c) Waste collection bins have been deployed at various locations of Shillong city to aid the residents of the localities and SMB in more efficient disposal of waste. Burning of garden and kitchen waste is prohibited in the campus.

- d) Departments of Biotechnology and Biochemistry along with postgraduate and undergraduate students are working on the isolation of microorganisms capable of detoxifying acid-mine drainage. This project is sponsored by the UGC.

7.5 Whether environmental audit was conducted? Yes No

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

Strength

Disciplined students

Conducive ambiance for learning

Students from multi cultural background

Valued driven management

Weakness

Lack of funding from UGC and other agencies

Unemployment among the graduates and post graduates

Opportunities

Possibilities for more academic linkages

Overwhelming demand for vocational courses

Location advantages

Threat

Decrease in demand for conventional courses

Technology and urban impact

Laxity among students in their mind-set

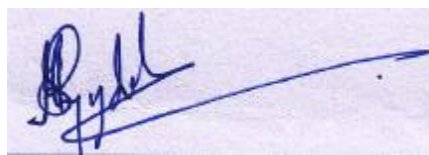
Increase in substance abuse among youth

8.Plans of institution for next year

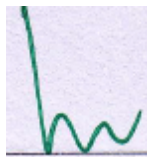
Solar photo Voltic Panels to be install on the terrace of the main building.

Introduction of new PG programmes

Name Dr. H.G. Lyngdoh



Name Br. Albert L. Dkhar (SDB)



Signature of the Coordinator, IQAC

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**

1. P L Nongbri, attended and presented a paper at the Tenth International Convention of Asia Scholars, ICAS 10 organised by Regional Centre for Social and Sustainable Development(RSCD), Chiang Mai University and International institute of Asian Studies (20-23 July, 2017), Thailand on Empowerment of Scheduled Tribe Women Through Micro Finance: An Impact Study of SHGs in Mawkynrew Block, East Khasi Hills District, Meghalaya
2. P L Nongbri attended UGC sponsored summer school (19 June-20 July, 2017),UGC-HRDC,NEHU
3. P L Nongbri and David F Marbaniang attended the International seminar on E-Commerce and SMEs in developing economies: Growth and Strategies organised by Department of management, NEHU Tura campus(29-30 June, 2016)
4. P L Nongbri presented a paper - Impact of venture capital on small Agri- Business at the International seminar on E-Commerce and SMEs in developing economies: Growth and Strategies organised by Department of management, NEHU Turacampus(29-30 June, 2016)
5. P L Nongbri attended a Short term course in research methodology with special reference to SPSS(18-23 July, 2016)- UGC-HRDC,NEHU
6. P L Nongbri attended the National conference on recent advancements in environmental research(REAR 2016)4-5 June, 2016, Centre for the environment, Indian Institute of Technology Guwahati- and presented a paper - Involving traditional institutions in mitigating environmental concern cause by small scale mining in Meghalaya
7. P L Nongbri attended and presented a paper at the National conference on contemporary issues in accounting and finance organised by department of commerce, NEHU(21-22 October, 2016)-Paper presented titled - credit risk management in the Indian banking sector: A comparative study on home loan and personal loan of SBI and HDFC with special reference to Meghalaya
8. P L Nongbri and David F Marbaniang attended a National conference on Inter-disciplinarity: Theory and practice organised by department of humanities and social sciences, NIT Meghalaya(22-23 July, 2016).
9. D. BokolialAttended a one day workshop on 'Mind education' organized by St. Anthony's college on 10th May, 2016.
10. D. BokolialConducted and participated a botany teacher's workshop on NEHU semester syllabus on 06/08/2016 held in the department of Botany, St. Anthony's college.
11. E. Nongbri attended a workshop on 'Metabolomics data analysis using R' organized by DBT- Bioinformatics infrastructure facility centre, St. Anthony's college, Shillong from 7-9 November, 2016.
12. D. Bokolial attended a three days training programme on 'Basics of plant identification and nomenclature' organized by BSI, Eastern Circle, Shillong on 7-9 November, 2016.
13. D. BokolialAttended a training programme on 'Training on Basics of plant identification and nomenclature' organized by Botanical Survey of India, Eastern Circle Shillong on 7-9th November, 2016.
14. D. BokolialAttended a faculty orientation programme entitled 'Soaring like Eagles' on 5th May, 2017 at St. Anthony's college organized by IQAC cell. (Certificate not received).
15. D. BokolialAttended a half day workshop on 'Creation and Promotion of Online Teaching Resources' in NIT, Shillong on 5th June, 2017.
- 16.Dr. C.S. Rao, participated in the workshop on " Science Academics lecture Workshop" on tropical rain forest resources and their conservation in India, organized by department of Botany, NEHU, Shillong during 27-28 June , 2017.
17. D. BokolialAttended Short term course on Research Methodology conducted by HRDC, NEHU from 7-12 August, 2017.
- 18.D. BokolialAttended a workshop on 'Inclusive education' organized by RUSA cell of St. Anthony's college, Shillong on 23rd September, 2017.
19. S.M.Syiemlieh- attended a three days Workshop on Molecular Phylogenetics and its application, St. Anthony's college , 25-28 October 2017.
20. D. BokolialAttended a workshop on 'Preparation of research project proposal' organized by the National Academy of Sciences, India, Northeast Region local chapter, Shillong on 15th November, 2017 at the North East Institute of Ayurveda and Homeopathy, Mawdiangdiang, Shillong.
21. Prof. A.S. Kharbuli: Research Paper titled "A Comparative Analysis of Financial Performance of Banks: A Case Study of Meghalaya Rural Bank and Meghalaya Cooperative Banks" in COIN-2017, A Two-day International conference on Interdisciplinary Contemporary Researching Humanities, Social Sciences and Management Studies (COIN, 2017) Organised by National Institute of Technology (NIT), Meghalaya on 21st& 22nd July, 2017.
22. Prof. Y. Satya: Research Paper Theme: Change Management in Dynamic Business Environment, and Research Paper titled "Pre-market Collaboration and Institutional Feasibilities in Agri-Promotional Measures" in NEMA, Manipur Institute of Management Studies, National conference Organised by NEMA & USTM, Meghalaya dated 10th -11th October, 2017.
23. Prof. A. S. Kharbuli, Short-term course in Research Methodology from 7th August to 12th August, 2017.
24. Dr.Y. Satya, Chair Person, NEMA National Conference organised by NEMA in Collaboration with USTM, Meghalaya dated 10th -11th October, 2017
25. Dr.Y. Satya, Resource Person, Seminar on Sir Syed Bicentenary Celebrations on 17th October, 2017.
26. Prof. A.S. Kharbuli: Workshop on Creation and Promotion of Online Teaching Resources: A National

Initiative Conducted at National Institute of Technology, Meghalaya in collaboration with NPTEL & IIT Kharagpur. Dated June 5th, 2017.

27. Prof. SamborlangDkhar: Participated in the one day work shop on “Standard of Auditing” organised by the Dept. of Commerce , Shillong College, Shillong, in Collaboration with Meghalaya Commerce Association, held on the 15th December, 2016.
28. Prof. SamborlangDkhar: Participation in the 38th UGC-Sponsored Orientation Programme from the 23rd January, 2017 to 19th February, 2017 at the UGC, HRDC, NEHU, Shillong.
29. ProbiditaRoychoudhury, B. Roychoudhury, D. K. Saikia “Hierarchical Group-based Mutual Authentication and Key Agreement for Machine Type Communication in LTE and future 5G Networks”, Security and Communication Networks, January 2017 (SCI indexed journal with an impact factor of 1.067).
30. ProbiditaRoychoudhury “Challenges in future 5G networks and some potential solutions : A survey”,Spectrum – Science and Technology, Vol 3, 2016, ISSN 2349 2937.
31. AiushaHujon “Machine translation for north eastern Indian languages: the current scenario”, International conference TECHNOVA-2016 held in the Department of IT, Gauhati University and KrishiSanskriti, New Delhi.
32. AiushaHujon“MorphologicalAnalyzer and Generator for Indian Language processing: A brief survey”, Spectrum – Science and Technology, 2016.
33. M. Gupta, B. L. Rajak, D. Bhatia, A. Mukherjee. “Transcranial Magnetic Stimulation in spastic Cerebral Palsy helps achieve developmental milestone: A case report”, Clinical Psychiatry 2017, Vol. 3, No. 2, pp. 13-16.
34. M. Gupta, D. Bhatia, B. L. Rajak. “Study of Available Intervention Techniques to Improve Cognitive Function in Cerebral Palsy Patients”, Journal ofCurrent Neurobiology 2017, vol. 8, No. 2, pp. 51-59.
35. B. L. Rajak, M. Gupta, D. Bhatia, A. Mukherjee. “Effect of repetitive Transcranial Magnetic Stimulation on hand function of spastic cerebral palsy children”, Journal of Neurological Disorders. 2017,Vol 5, No 1, 1000329. DOI: 10.4172/2329-6895.1000329, ISSN: 2329-6895
36. M. Gupta, B. L.Rajak, D. Bhatia, A. Mukherjee. “Effect of different rTMS pulses in functional performance of upper extremities in children with spastic cerebral palsy”.International Journal of Biotechnology and Biomedical Sciences (IJBBS). 2016, Vol. 2, No. 3, 216-219. P-ISSN: 2454-4582; E-ISSN: 2454-7808.
37. B. L.Rajak, M. Gupta, D. Bhatia, A. Mukherjee, S. Paul, T. K. Sinha. “Power Spectrum Density analysis of EEG signals in spastic cerebral palsy patients by inducing r-TMS therapy”. Journal of Biomedical Engineering and Technology. 2016, Vol. 4, No. 1, 7-11. ISSN (Online): 2373-1303
38. M. Gupta, B. L.Rajak, D. Bhatia, A. Mukherjee. “Transcranial magnetic stimulation therapy in spastic cerebral palsy children improves motor activity”, Journal of Neuroinfectious Diseases. 2016, vol. 7, No. 4 DOI: 10.4172/2314-7326.1000231. E-ISSN: 2314-7326, P-ISSN: 2314-7334.
- 39.ProbiditaRoychoudhury, BasavRoychoudhury, Dilip K Saikia, “A Group-based Authentication Scheme for Vehicular Moving Networks”, ICADW-2016, Guwahati,Volume: 1 (Indexed IEEE Xplore).
40. B. L. Rajak, M. Gupta, D. Bhatia and A. Mukherjee.“Effect of varying pulses on efficacy of repetitive Transcranial magnetic stimulation therapy in spastic cerebral palsy children”, XXVI Congress of the International Society of Biomechanics (ISB-2017), July 23-17, 2017, Brisbane, Australia.
41. M. Gupta, B. L.Rajak, D. Bhatia, A. Mukherjee. “Effect of different rTMS pulses in functional performance of upper extremities in children with spastic cerebral palsy”.International Conference on Recent Research in Biomedical Engineering, Cancer Biology, Stem Cells, Bioinformatics and Applied Biotechnology (BECBAB-2017), Feb 25, 2017, Jawaharlal Nehru University, New Delhi.
42. D. Bhatia, B. L.Rajak, M. Gupta, A. Mukherjee, S. Paul, T. K. Sinha. “Improved motor performance in spastic cerebral palsy children after repetitive transcranial magnetic stimulation”.Neuroscience 2016, Nov 12 – 16, 2016. San Diego, USA.
43. B. L.Rajak, M. Gupta, D. Bhatia, A. Mukherjee, S. Paul, T. K. Sinha, “Power spectral study of EEG signal from frontal brain area of autism spectrum disorder cases”, Second International Conference on Computing and Communication Systems, I3CS-2016, Nov. 11 -13, 2016, Dept. of IT, NEHU, Shillong.
44. M. Gupta, B. L.Rajak, D. Bhatia, A. Mukherjee, “Recovery in motor disability and spasticity by employing repetitive Transcranial magnetic stimulation in spastic cerebral palsy”, 3rd National Conference on Disability, Nov 17, 2016, New Delhi.
45. Prof. MondakiniBasu attended the International Conference, “Conversations between Brahmaputra and Mekong” held during 30th and 31st of October, 2017 at Asian Confluence, supported by Heinrich Bolt Stiftung. The participating countries were Thailand, Nepal, Bangladesh, Vietnam, Cambodia and Myanmar.
46. Prof. MondakiniBasu also attended a state level workshop on Child Protection Rights (POCSO) held on 28th July 2017.
47. Prof. MondakiniBasu attended a State level workshop on Rights of the Disabled organised by Commissioner of Disabilities, Government of Meghalaya on Formulation of a State Policy on 22nd August 2017.
48. Prof. Cathy Saiborne was one of the organisers of the National Workshop on Molecular Phylogenetics held from 25th –28th October 2017, at St. Anthony’s College.
49. Prof. W. Khongsngi and Prof. C. Saiborne were part of the organising team for a two day workshop on “Drug Abuse and Prevention” organised by NSS, St. Anthony’s College Shillong and ICSSR in collaboration with NISD, New Delhi. They also moderated two sessions of the workshop. (State level)

50. Prof. Amanda Tongper coordinated a talk called “Eclectic Conversation” with Eclectic North East which was held on 29th July 2017. (State level)
51. Prof. V. Diengdoh participated on 7th April 2017 “Training for Govt. Officers, Teachers, CBOs/NGOs on Comprehensive Landslide Risk Mitigation” organised by the District Disaster Management Authority (DDMA), East Khasi Hills Dist., Shillong in Collaboration with Geology Department, St. Anthony’s College, Shillong; on 5th June, 2017 “Panel Discussion on Mining in Meghalaya and its Consequences” organised by North East India Council of Social Sciences Research in Collaboration with Shillong Law College, Shillong; and on 11th August 2017 National Workshop on “Popularisation of Remote Sensing Based Maps and Geospatial Information” jointly organised by ISRS and ISRO, at NESAC, Umiam.
52. Prof. VJJ Wallang participated in Workshop on “Training for Govt. Officers, Teachers, CBOs/NGOs on Comprehensive Landslide Risk Mitigation” organised by the District Disaster Management Authority (DDMA), East Khasi Hills Dist., Shillong in Collaboration with Geology Department, St. Anthony’s College, Shillong held on 7th April 2017; National Workshop on “Popularisation of Remote Sensing Based Maps and Geospatial Information” jointly organised by ISRS and ISRO, at NESAC, Umiam held on 11th August 2017. Resources Person in the Invited lecture on “Case studies on Landslide in Shillong City” during the training of Govtofficers, teachers and CBOs/NGOs on Comprehensive Landslide Risk Mitigation held on 7th April 2017. Published paper on “Scenario of Water Resources in Shillong City, Meghalaya “.in Spectrum (science and technology). Vol.3, 2016. ISSN 2349 2937.
53. Prof. F. Marbaniang participated in a Workshop on ‘Pustakaur Shabdakosh Nirman’ organised by Central Institute of Hindi, Shillong held on November 2017. Paper presented on “Khasi Bhasha Ka Vivechan: Ling Aur Vachan Ke Vishesh Sandarbha Main” in a National Seminar ‘Poorvoter Bharat Ki Bhasha, Sahitya evam Sanskriti Ke Badalte Paridrashya’ organised by Hindi Dept. NEHU in collaboration with Mahatma Gandhi International Hindi University, Vardha held on 18 and 19 November 2016. Subject expert in the oral language examination of Assam Public Service Commission held on 13th July 2017; Judge in the Declamation Contest (Hindi) conducted by AFWWA on 21st July 2017 held at HQ EAC, Upper Shillong; Judge in the Cluster level Hindi Debate Competition, organised by Army Public School, Shillong held on 11th August 2017; Expert in the Hindi Language Workshop, organised by National Institute of Fashion Technology, Shillong held from 16th -30th September 2017; Judge in the 43rd Cultural Competition 2017 organised by Ram Krishna Mission, Shillong; Member of Hindi Textbook Review Committee for Class XI and XII, Meghalaya Board of School Education, held on October-November 2017.
54. Prof. R.S. Wankhar attended and presented a paper entitled U H. Elias U Nongseng-Nongkraw Ha Ka Akor Longbriew in H. Elias Jubilee Symposium held on 26th October 2016.
55. Prof. T. Lynshing along with 4th Semester students of the Department participated in a One-day Symposium on “The Beginning of Written Khasi Language and Literature” on 28 February 2017. This Symposium was organized by the Department of Khasi, NEHU, Shillong
56. On 16 September 2017, Prof. R.S. Wankhar and Prof. T. Lynshing attended the closing ceremony of a yearlong celebration of the 175 anniversary of the Khasi Literary writings. A Seminar on “Haba Imka Ktienka Jaitbynriewka Im” was held on this day. This programme was organized by the Khasi Authors’ Society (K.A.S.).
57. Prof. Rajani Chetri presented a paper at an international Seminar on “ Reinventing nationalism, Secularism and Plurality: Media discourses and Deconstruction” on Nov 11th-12th 2017, organised by Dept of Mass Communication, Guwahati University and Mizoram University.
58. Prof. Nathaniel Majaw attended a Summer School organised by the Academic Staff College NEHU from July 7th – 17th 2017.
59. All the seven Physics faculty members of the department attended the Xth Biennial National Conference of Physics Academy of North East held at St. Anthony’s College, Shillong from 10th to 12th November 2017. Papers presented:
- i) Lambda Temperature of Liquid Helium Mixture: S Chutia and L Changte
 - ii) Particle Dynamics and Ratchet effect in an under damped periodic potential: S Saikia
 - iii) Particle Transport in a Noisy Symmetrically Driven Underdamped Inhomogeneous Sinusoidal Potential System: D Kharkongor, WL Reenbohn and MC Mahato
 - iv) D Kharkongor, S Saikia, AM Jayannavar, MC Mahato and WL Reenbohn, Particle dynamics in a symmetrically driven underdamped inhomogeneous periodic potential system, AIP Conference Proceeding (KIIT Bhubaneswar),
60. The unit-Birnbaum-Saunders distribution with applications Nov 2017 Chilean J. of Statistics (to appear) Josmar Mazucheli André Felipe Menezes Sanku Dey
61. A New Generalization of the Exponentiated Pareto Distribution With an Application Oct 2017 American Journal of Mathematical and Management Sciences (Taylor and Francis) (to appear) Mazen Nassar Sanku Dey Devendra Kumar
62. Statistical Inference for the Weighted Exponential Distribution under Progressive Type-II Censoring with Binomial Removal Oct 2017 American Journal of Mathematical and Management Sciences (Taylor and Francis) Sanku Dey Tanmay Kayal Yogesh Mani Tripathi
63. Upper Record Values from Extended Exponential Distribution Oct 2017 Journal of modern applied statistical methods: JMASM Devendra Kumar Sanku Dey
64. Relations for Moments of Generalized Order Statistics from Extended Exponential Distribution Aug 2017 American Journal of Mathematical and Management Sciences (Taylor and Francis) Devendra Kumar Sanku Dey

65. Improved Maximum Likelihood Estimators for the Parameters of the unit-Gamma Distribution Jul 2017 Communication in Statistics- Theory and Methods (Taylor and Francis) JosmarMazucheliAndré Felipe MenezesSankuDey
66. Evaluation and Comparison of Estimators in the Gompertz Distribution Jul 2017 Annals of Data Science Springer) SankuDeyTanmayKayalYogesh Mani Tripathi
67. Power generalized Weibull distribution based on order statistics May 2017 Journal of Statistical Research Devendra KumarSankuDey
68. A new generalization of the gamma distribution with application to negatively skewed survival data May 2017 Communication in Statistics- Simulation and Computation (Taylor and Francis) Sophia WaymyersSankuDeyHrishikeshChakrabortyc
69. Binomial-exponential 2 Distribution: Different Estimation Methods and Weather Applications May 2017 TEMA Hassan S BakouchSankuDeyPedro L. RamosFrancisco Louzada
70. Comparisons of Methods of Estimation for the NH Distribution Apr 2017 Annals of Data Science (Springer) SankuDeyChunfang ZhangAkbar AsgharzadehM. Ghorbannezhad
71. Alpha Logarithmic Transformed Family of Distributions with Application Apr 2017 Annals of Data Science Springer) SankuDeyMazenNassarDevendra Kumar
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NSS Special Camp

The most awaited program of the National Service Scheme was the Special Camp, which was held between the 10th to 16th of October 2016 in Swer village. Six Program Officers accompanied 50 volunteers to the tranquil place where they were greeted with dense fog and rain that lasted a few days in the beginning of the camp.

The Special Camp is often a huge opportunity for the campers to experience a different life in the village for a week's time unlike what they usually cope with in college and homes. The campers, 50 in number and then divided into 5 groups of 10 members each, put their entire heart and soul into each and every activity. Due to the incessant rain in Swer though, the campers had to stay in for a few days where their planned outdoor activities were swapped for indoor ones instead. This, however, did not dampened their spirits for in the evenings, as the rain beat against the roof of the Community Hall in Swer, the campers entertained the villagers with cultural programs like debates, extempore speeches, dancing, singing and skit competitions that lit the Hall with amusement and delight.

Luck favoured the campers as the rain stopped on the 13th of October where they carried on the basic purpose of their stay at Swer, which was to continue the construction of the previous year's incomplete footpath between Swer and Village PHC for the convenience of the local pedestrians there, which, when finished, measured 20 metres in length. Other alternative activities were the dental hygiene programme conducted by Dr. Hubert Dkhar from Shillong's Nazareth Hospital and a nurse on an internship from Switzerland where they imparted general health guidance on the importance of a nutritious diet and healthy lifestyle; and a daily arts and crafts between the campers and friendly children of Swer. There was also a day set for a football match held between the campers and the villagers where St. Anthony's emerged as winners.

With this benevolent service, the NSS unit of St. Anthony's College has truly lived up to its motto 'Not Me, But You'.

Observance of National Disaster Reduction day

NSS unit of St. Anthony's college took part in the rally organised by SDMA in collaboration with DDMA on the 29th October 2016. A total of 9 volunteers participated in the rally and the 3rd prize in the placard competition.

Pre-Republic Day Parade

The NSS unit of St. Anthony's College selected 3 of its student's volunteers - HonderPapang, TeilangRymbai and Henry Nongkhlaw on 18th October 2016, for participating in the pre-Republic Day Parade held at the Community Hall of NEHU permanent campus. Their taking part in the ceremony was to evaluate their potential for the upcoming Republic Day parade to held in Kolkata. Mr. TeilangRymbai was short-listed to participate in the above mentioned Camp.

Pre-Republic Day Camp

Mr. TeilangRymba represented the NSS Unit of SAC at the Pre-Republic Day Camp held at Salt Lake Stadium Kolkata from 10th – 19th November 2016.

Saras Fair 2016

In compliance to the request of the office of DHTE, Govt. of Meghalaya, the NNS Unit of St. Anthony's College sent 5 male and 5 female student volunteers making a total of 10 volunteers to assist in organizing the aforesaid programme on the 17th of November 2016.

Winter Adventure Camp

NSS St. Anthony's Unit participated in the Winter Adventure Camp which was held at NIMAS, Dirang, Arunachal Pradesh from 12th to 21st November, 2016. Two students volunteers along with a Programme Officer, Prof. ShemphangHynniewta, attended the camp in which various adventure activities such as Rock Climbing, Trekking, River crossing etc. were conducted.

Constitutional Day

“The Constitution Day” was observed on the 26th November 2016 in the Basketball Court of St. Anthony's College. It was attended by about 500 students and staffs. The NSS unit took the lead in organizing the event and Miss. RosabelMarngar, the student co-ordinator led the singing of the National Anthem followed by the reading of the Fundamental Right, Fundamental Duties, the Preamble and the National Pledge of the Constitution. The short programme was followed with a short speech delivered by the Vice Principal St. Anthony's College, Rev. Fr. Saji Stephen SDB.

World Aids Day

The NSS Unit of St. Anthony's College participated in the World Aids Day which was organized by MACS on the 1st December 2016 at Soso Auditorium from 9:00AM onwards. A total of 28 volunteers and 2 P.Os took part. One student volunteer Smt. EvolinaKharjana won the 1st prize in the Logo Competition with was held for the volunteers on the day.

Leadership Training at Siloam

A total of 50 student volunteers and 2 P.Os participated in a leadership and personality development training on the theme “Service with a difference” at Siloam. It was a two day programme on the 5th and 6th of

December 2016. The programme was conducted successfully and the student volunteers benefited immensely from it.

One-day Adventure Camp

The NSS Unit of St. Anthony's College undertook a one-day Adventure Camp to Mawlyngbna, Lawbah, East Khasi Hills, on the 8th December 2016. In all 35 student volunteers benefited from the camp which included water sports such as Swimming, Kayaking and others.

Grassroot Initiative

The NSS Unit was able to provide 10 volunteers during the awareness programme organised by Grassroot, an NGO, on 9th December 2016 and on 10th December 2016 at the Community Centre, NEHU, Shillong.

Visit to Orphanage

A contingent of about 30 student volunteers and 1 Programme officer visited the AshaBhavan, an orphanage situated at Laitumkrah, Shillong. The Unit was able to interact with the children, gifts and lunch packets were distributed to the children and care-takers of the orphanage.

Workshop on Drug Abuse Prevention

The NSS Unit of St. Anthony's College and ICSSR-NERC in collaboration with NISD, New Delhi, organized a Two-day workshop on Drug Abuse Prevention on the 3rd and 4th March, 2016. NSS volunteers and Programme officers of various colleges numbering around 200 participated in the Two-day workshop. The workshop was able to throw on the issues of drug abuse prevention and suggest ways to deal with the issue during its deliberation.

Visit Cum Interactive Programme By NSS Unit Main Campus To NSS Byndihati Extension Campus

The NSS Unit of St Anthony's College went on an interactive programme on the 25th March 2017 to acquaint and familiarise the working of NSS to our volunteers at our Extension Campus.

Independence Day Celebration

The NSS Unit of St Anthony's College successfully organised a day-long games and other related activities for all the members of St. Anthony's College.

48th NSS Foundation Day

The NSS Unit of St. Anthony's College participated in the 48th NSS Foundation Day which was held on the 23rd September 2017 at NEHU Convocation Hall. In all, 25 volunteers including 1 P.O. were part of the contingent and the unit also presented a song item on the day.

Pre-Republic Day Parade Selection

The NSS Unit of St. Anthony's College selected 3 volunteers to represent the college during the Pre republic day selection held at NEHU Main Campus.
