

Self Study Report for Re-Accreditation

Vol 2 (Departmental Reports)

Submitted to

National Assessment & Accreditation Council
(NAAC)
Bangalore

By

St. Anthony's College
Shillong
2007

Contents

Departmental Profiles

Biochemistry	I-1
Biotechnology	I-3
Botany	I-5
Business Administration	I-7
Chemistry	I-9
Commerce	I-12
Computer Science	I-14
Economics	I-17
English	I-19
Geology	I-20
Hindi	I-22
History	I-24
Khasi	I-25
Mass Media	I-28
Mathematics	I-30
Mizo	I-31
Music	I-32
Philosophy	I-34
Physics	I-35
Pisciculture	I-37
Political Science	I-41
Statistics	I-43
Zoology	I-46

Evaluative Reports of the Departments

Biochemistry	E-48
Biotechnology	E-52
Botany	E-57
Business Administration	E-61
Chemistry	E-67
Commerce	E-69
Computer Science	E-72
Economics	E-79
English	E-82
Geology	E-84
Hindi	E-88
History	E-89
Khasi	E-91
Mass Media	E-94
Mathematics	E-99
Mizo	E-101
Music	E-102
Philosophy	E-105
Physics	E-107
Pisciculture	E-109
Political Science	E-113
Statistics	E-116
Zoology	E-118

Evaluative Reports of the Centres

Students Development Services	E-121
Siloam	E-127

PART I-C
INSTITUTIONAL DATA
(DEPARTMENTAL PROFILE)

Profile of the Department of Biochemistry

1.	Name of the Department	Biochemistry
2.	Year of Establishment	24 th May 1999
3.	Number of Teachers sanctioned and present position	7
4.	Number of Administrative Staff	None
5.	Number of Technical Staff	1
6.	Ratio of Students to teachers	11:1
7.	Demand Ratio (No. of seat : Applications received)	1:3
8.	Number of Research Scholars who had their master degrees from other institutions	NA
9.	Year when curriculum was revised last	2003
10.	Number of students who passed NET/SLET etc.	NA
11.	Success rate of students	99%
12.	University distinctions/Ranks	2006 = 4; 2007 = 4
13.	Publications by faculty	Provided below this table
14.	Awards recognition received by faculty in the last five years	None
15.	Faculty who attended Natl./Intl. Seminars (last 5 years)	7
16.	Number of Natl./Intl. Seminars organized (last 5 years)	None
17.	Number of teachers engaged in consultancy and revenue generated	One, Revenue is not received
18.	Number of ongoing research projects and outlay	None
19.	Research projects completed during the last year and its outlay	None
20.	Number of inventions and patents	None
21.	Number of Ph.D. theses guided in the last two years	None
22.	Number of books in the department library	22
23.	Number of journals/periodicals	Nil
24.	Number of computers (current year)	1
25.	Annual Budget	N.A.

List of Publications (in Refereed Journals)

- L. I Singha, Anis Alam and Vinod Singh in Molecular and Cellular Biochemistry, 271:177-188 2005 Molecular Characterization of Tumor Associated Antigen in Mice Exposed to a Hepatocarcinogen.
- L.I. Singha, Anis Alam, Chowphi Chen Rapthap, , R.N.Sharan and Vinod Singh in Molecular and Cellular Biochemistry, 271:139-150 2005 Radiomodulatory Effect of Liposome Encapsulated Ak-2123 on Tumor in Mice Exposed to Hepatocarcinogen.
- Chaitali Bhattacharjee and Sharan R. N. "Betel nut extracts form adducts with DNA probably by non-covalent interactions" in Seminar on "Trends in Biochemical Research", Department of Biochemistry, North Eastern Hill University, (March 31, 2006)
- Chaitali Bhattacharjee and Sharan R. N. "UV-C radiation induces single strand breaks in DNA by inducing conformational relaxation of the helix and affects the restriction profile of DNA." International Conference on Radiation Research, San Francisco (July 19, 2007)
- Chaitali Bhattacharjee and Sharan R. N. "Aqueous extract of betel nut (AEBN) induced adduct formation on pMTa4 DNA" in Seminar on "Advances in Biochemical Education and Research", North Eastern Hill University, (Feb. 25-26, 2005)
- Chaitali Bhattacharjee and Sharan R. N. "Using plasmids harboured in *E. coli* as agents to study genomic instability induced by UV radiation" in the "Radiation and Biomolecular Techniques in Animal Sciences and Human Health", Guwahati (Mar. 10-12, 2004)
- Chaitali Bhattacharjee and Sharan R. N. 'Radiation induced effects at molecular levels in wild, *recA* and *recF* mutants of *E. coli*: RNA, pMTA4 plasmid, and protein profiles *in vivo*' at "International Conference on Radiation Damage and Modification", Delhi (Nov. 13-15, 2002)

Profile of the Department of Biotechnology

1	Name of Department	Biotechnology
2	Date of Establishment	15.5.1995
3	No. of Teachers	7 (Full Time) + 11 (adjunct)
4	No. of Administrative Staff	0
5	No. of Technical Staff	2
6	No. of Teachers and Students	U.G: 15 teachers: 84 students, P.G. 16 teachers : 20 students
7	Demand Ratio (No. of seats : applications received)	1:10
8	Ratio of students to teachers	U.G.: 5.6: 1; P.G.: 1.88: 1
9	No. of research scholars who had their Masters degree from other institutions	NA
10	Year when the curriculum was revised last	2003
11	No. of students passed NET/SLET etc. (last 5 years)	6
12	Success rate of students (Last Year)	100% (U.G. & P.G.)
13	University Ranks/ distinctions	2006 = UG : 10; 2007 = UG: 11 ;PG : 4
14	Publications by faculty	Listed at the end of this table
15	Awards and Recognition received by Faculty (last 5 years)	Nil
16	Faculty who attended Natl./Intl Seminar (last 5 years)	5
17	No. of Natl. & Intl Seminar organized	None
18	No. of teachers engaged in consultancy and revenue generated	1 , None
19	No. of ongoing research projects and outlay	1 (Rs.20 lakhs)
20	Research Projects completed during the last year & its outlay	Nil
21	No. of inventions and patents	None
22	No. of Ph.D theses guided in the last two years	NA
23	No. of Books in the Department Library	22
24	No. of Journal/Periodicals	0
25	No. of Computers (Current Year)	4
26	Annual Budget	

List of Publications (Refereed Journals)

- Laskar M A, Lyngdoh J P, Buam J J, Syiem D, Plantlet regeneration via adventitious shoot bud proliferation from leaf explants in *Potentilla fulgens*

Wall. ex Hook- A plant possessing hypoglycemic activity, **Indian J. Biotech**, **4** (2005) 257-260.

- Anis Alam, Laishram Indira Singha and Vinod Singh, Molecular Characterization of Tumor Associated Antigen in Mice Exposed to a Hepatocarcinogen, **Molecular and Cellular Biochemistry**, **271** (2005) 177-188.
- Anis Alam, Chowphi Chen Rapthap, Laishram Indira Singha, R.N.Sharan and Vinod Singh, Radiomodulatory Effect of Liposome Encapsulated Ak-2123 on Tumor in Mice Exposed to Hepatocarcinogen, **Molecular and Cellular Biochemistry**, **271**(2005)139-150.

Profile of the Department of Botany

1.	Name of the Department	Botany	
2.	Year of Establishment	01.05.1948	
3.	Number of teachers sanctioned and present position	6	6
4.	Number of administrative staff	0	
5.	Number of technical staff	2	
6.	Number of teachers and students	Teachers = 6 Students = 44	
7.	Demand Ratio (No. of seats : No. of applications)	1 : 2	
8.	Ratio of teachers to students	Honsl : 7	
9.	Number of research scholars who had their Master's degree from other institutions	NA	
10.	The year when the curriculum was revised last	2003	
11.	Number of students who passed NET/SLET etc. in last two years	NA	
12.	Success Rate of students	100% in 2006, 76.5% in 2007	
13.	University distinctions/ranks	2 in 2006 , 2 in 2007	
14.	Publications by faculty	Listed at the end of this profile	
15.	Awards and recognition received by faculty	None	
16.	Faculty who have attended National and International Seminars (last five years)	National Seminar : 6 International Seminar : 0	
17.	Number of National and International Seminars organized (last five years)	None	
18.	Number of faculty engaged in consultancy and revenue generated	1, None	
19.	Number of ongoing projects and its total outlay	1 : Rs 1,48,000/-	
20.	Research projects completed during the last two years and its outlay	None	
21.	Number of inventions and patents	None	
22.	Number of PhD theses guided during the last two years	NA	
23.	Number of books in the departmental library	165	
24.	Number of journals/periodicals	All journals/periodicals subscribed by the central library	
25.	Number of computers	1 desktop with printer	
26.	Annual budget	NA	

List of Publications:

- Rao C S : Mycorrhiza in *Drosera* in Journal of international carnivorous plant society, Volume 36, No.1: 9-1.(2007)
- Rao C S, Barik S K & Mahapatra S: Man and Environment – A text book for NEHU degree students, Goel publications, Shillong. 2005.

Profile of the Department of Business Administration

1.	Name of the Department	Business Administration	
2.	Year of Establishment	06.01.1998	
3.	Number of teachers sanctioned and present position	4	4
4.	Number of administrative staff	0	
5.	Number of technical staff	0	
6.	Number of teachers and students	Teachers =4 : Students = 66	
7.	Demand Ratio (No. of seats : No. of applications)	1 : 8	
8.	Ratio of teachers to students	1 : 16	
9.	Number of research scholars who had their Master's degree from other institutions	NA	
10.	The year when the curriculum was revised last	Revision is on and will be effective from 2009-10 Session	
11.	Number of students who passed NET/SLET etc. in last two years	NA	
12.	Success Rate of students	100% pass out	
13.	University distinctions/ranks	2006 : 5 ranks 2007 : 4 ranks	
14.	Publications by faculty	Listed at the end of this profile	
15.	Awards and recognition received by faculty	0	
16.	Faculty who have attended National and International Seminars (last five years)	National Seminar : 3 International Seminar : 1	
17.	Number of National and International Seminars organized (last five years)	0	
18.	Number of faculty engaged in consultancy and revenue generated	1 : None	
19.	Number of ongoing projects and its total outlay	None	
20.	Research projects completed during the last two years and its outlay	None	
21.	Number of inventions and patents	0	
22.	Number of PhD theses guided during the last two years	NA	
23.	Number of books in the departmental library	115	
24.	Number of journals/periodicals	All journals/periodicals subscribed by the central library	
25.	Number of computers	1 desktop 1 laptop + LCD projector	
26.	Annual budget	NA	

List of Publications

- A L Warjri, *Impact of Entrepreneurship Development Programmes* : Jamia Millia Islamia, May 2003, New Delhi
- A L Warjri, *Climate change and environmental pollution* Jamia Millia Islamia, May 2003, New Delhi
- A L Warjri, *The efficacy of quality control in organizations*, Pondicherry University, February 2006
- A L Warjri, *Horticultural and agricultural development in Mawkyrwat, West Khasi Hills*, Meghalaya Industrial Development Corporation, 2007
- David F Marbaniang, *Servant leadership: an approach to effective leadership*, Madras University, February 2006, Chennai
- David F Marbaniang, *The leader who leads by serving* : North Eastern Hills University, 2007, Shillong
- P L Nongbri, *The effectiveness of Employee Stock Option Plans*: North Eastern Hills University February 2007, Shillong

Profile of the Department of Chemistry

1	Name of Department	Chemistry
2	Date of Establishment	13.6.1941
3	No. of Teachers (Current Year)	7
4	No. of Administrative Staff (Current Year)	None
5	No. of Technical Staff (Current Year)	2
6	No. of Teachers and Students	Teachers 7, Students 22
7	Demand Ratio (No. of seats : applications received)	1:2
8	Ratio of students to teachers	1:3
9	No. of research scholars who had their Masters degree from other institutions	NA
10	Year when the curriculum was revised last	2003
11	No. of students passed NET/SLET etc. (last 5 years)	NA
12	Success rate of students (Last Year)	89%
13	University Ranks/ distinctions	2006 = 1; 2007 = 1
14	Publications by faculty	Listed Below
15	Awards and Recognition received by Faculty (last 5 years)	1
16	Faculty who attended Natl./Intl Seminar (last 5 years)	5
17	No. of Natl./Intl Seminar Organised (last 5 years)	NIL
18	No. of teachers engaged in consultancy and revenue generated	NIL
19	No. of ongoing research projects and outlay	One, Rs.20 lakhs
20	Research Projects completed during the last year & its outlay	One, 13 lakhs
21	No. of inventions and patents	None
22	No. of Ph.D theses guided in the last two years	None
23	No. of Books in the Department Library	NIL
24	No. of Journal/Periodicals	NIL
25	No. of Computers (Current Year)	1
26	Annual Budget	NA

List of Publications

- A Facile one-pot synthesis of novel Substituted 1, 2, 3, 4-Tetrahydropyrimidines. E., Karim, K. Kishore, & J.N. Vishwakarma*, J. Heterocyclic. Chem., 40, 901-903 (2003).

- An efficient, microwave assisted solvent-free synthesis of polarized enamines. Kaushik Chanda, Milan Ch. Dutta, E. Karim and J.N. Vishwakarma*, J. Ind. Chem. Soc., 81, 791-793 (2004).
- An efficient, microwave assisted solvent-free general route to Cyclic Enaminones. Kaushik Chanda, Milan Ch. Dutta & J.N. Vishwakarma*, Ind. J. Chem., 43B, 2475- 2477 (2004).
- A facile route to Enaminones: Synthesis of 3-Alkyl/aralkyl/arylamino-1-arylprop-2-en- 1-ones. Milan Ch. Dutta, Kaushik Chanda, E. Karim & J.N. Vishwakarma*, Ind. J. Chem., 43B, 2471-2474 (2004).
- Bis-(1-phenyl-5-nitro-6-methylthio-1,2,3,4-tetrahydropyrimidinyl)ethane and Bis-(1-phenyl-5-nitro-6- methylthio-1, 2, 3, 4-tetrahydropyrimidinyl)butane. Kaushik Chanda, Milan C. Dutta, Kaushal Kishore & J.N. Vishwakarma*, Molbank, M367, 2004.
- A facile one-pot synthesis of Novel Substituted 1,2,3,4-terahydropyrimidines, Part 2: Synthesis of 1-(Aralkyl/aryl)-3-alkyl/aralkyl/aryl)-5-aroyl-1,2,3,4-tetrahydropyrimidines. Kaushik Chanda, Milan Ch. Dutta, E. Karim & J.N. Vishwakarma*, J. Heterocyclic Chem, 41, 627-631 (2004).
- Bis-(1-phenyl-5-nitro-6-methylthio-1,2,3,4-tetrahydropyrimidinyl)benzene and Bis-(1-phenyl-5-nitro-6-methylthio-1,2,3,4-tetrahydropyrimidinyl)diphenyl.
- Milan C. Dutta, Kaushik Chanda, Kaushal Kishore & J.N. Vishwakarma*, Molbank M428 (2005).
- A facile one pot synthesis of Tetrahydropyrimidines Part3: Synthesis of [alkanediyl]bis
- 3- (alkyl/aralkyl/aryl)- 3, 6- dihydropyrimidine-1, 5(2H)} diyl]bis (arylmethanones) and [1,4- phenylenelbis(3-phenyl - 3, 6 - dihydropyrimidine -1 , 5(2H)diyl)]bis (phenylmethanone).
- Milan Ch. Dutta, Kaushik Chanda, & J.N. Vishwakarma*, J. Heterocyclic Chem, 42, 121-123 (2005).

- A Facile One-pot Synthesis of Novel Substituted 1,2,3,4-Tetrahydropyrimidines Part 5 [1]: Synthesis of bis[(1-alkyl/aralkyl)-5-benzoyl-6-methylthio-1,2,3,4-tetrahydropyrimidinyl] alkane & benzene, bis[3-phenyl-7-methyl-4,5,6,7-tetrahydropyrazolo(3,4-d)pyrimidinyl] alkane and bis[1-benzyl-7-phenyl-1,2,3,4-tetrahydropyrazolo(1,5-a)triazinyl]alkane & benzene; Milan Ch. Dutta, Kaushik Chanda, Philippe Helissey & Jai N. Vishwakarma*, J. Heterocyclic Chem, 42, 975 (2005).
- A Facile One-pot Synthetic Route to Substituted Fused Tetrahydropyrimidines. Part 41: Synthesis of 1-(Aralkyl/aryl)-3-(alkyl/aralkyl/aryl)-5-oxo-1,2,3,4,5,6,7,8-octahydroquinazolines and 1-(Aralkyl/aryl)-3-(alkyl/aralkyl/aryl)-7,7-dimethyl-5-oxo-1,2,3,4,5,6,7,8-octahydroquinazolines.
- Kaushik Chanda, Milan Ch. Dutta & Jai N. Vishwakarma*, Ind. J. Chem., Section B, 44B, 000 (2005). In press.

Profile of the Department of Commerce

1. Name of the Department	Commerce
2. Year of Establishment	01-07-1948
3. No. of Teachers sanctioned and present position	5
4. No. of Administrative Staff	None
5. No. of Technical Staff	None
6. No. of teachers and students	5 teachers, 455 students
7. Demand Ratio (seats : application)	1:5
8. Ratio of teacher to students	1 : 90
9. No. of research who had their master's degree from other institution	NA
10. The year when the curriculum was last revised	2002
11. No. of students passed in NET/SLET etc	Not applicable
12. Success Rate of Students (last year)	94.2%
13. University ranks/distinction	2006 : 5 ranks 2007 : 5 ranks
14. Publications by Faculty (Last five years)	Listed at the end of this report
15. Awards and Recognition received by Faculty (last five year)	None
16. Faculty who have attended National/ Intl. Seminars (last five years)	Prof. Y. Satya, Prof. S.K. Pradhan, Prof. A.S Kharbuli
17. No. of National/International seminars organised	None
18. No. of teachers engaged in consultancy and revenue generated	None
19. No. of Ongoing Projects (current year)	2 (Rs.3,84,850/- & Rs.6,08,300/-)
20. Research Project completed in last two years	2 (Rs.45,000/- & Rs.2,93,400/-)
21. No. of inventions and patents	None
22. No. of Ph.D theses guided in the last two years	NA
23. No. of Books in the Department Library (current year)	120
24. No. of Journals/Periodicals	4
25. No. of Computer (current year)	1 (one)
26. Annual Budget (last year)	NA

List of Publications:

- Pradhan SK, Rajput KS, **Traditional Knowledge and IPRs**, Published in the proceedings of the National Seminar on *Intellectual Property Rights*, held in St. Anthony's College, Shillong on 6th – 8th October, 2004.
- Satya Y. "Dimensions Of Khasi Marital Roles In Consumer Decision Making" Kanglaipak Business Journal, July 2002.
- Satya Y. "Ethnic Market Modifications: Merchandising Creativity And Signifying The Role Of Intellectual Property Rights" Proceedings of the National Seminar on Intellectual Property Rights, pg 184-191, 2004.

Papers Presented in Seminars:

- "Industrialization Of Outsourcing Services: Anchoring And Restructuring The Value-Added S2S Phenomena" in the Regional Seminar on "Industrial scenario in the North-Eastern states", 4th – 5th March, 2005, sponsored by North Eastern Council, Shillong.
- "Decision Analysis On KPOs: An Interactive e-approach W.R.T. Multi-Cultural Marketing In Shillong" in the National Seminar on "Global convergence", 7th – 8th November 2005, sponsored by NEHU an Institute of Chartered accountants of India, New Delhi.
- "Market Dynamics and Ethnicity Effects" in the Annual conference of the Indian society of agricultural economics, 8th – 10th November 2006, organized at ICAR research complex for NEH region Umiam, Meghalaya.
- "Perceptual Dichotomies In Resource Protection In Producible Modes: Understanding ethno-market necessities" in the National Workshop on "Regional disparities and the rural poverty" 4th – 6th January 2007 at SMVD University, Jammu.
- "Transformations in Service Approaches: Contributions of VSE Sector", National seminar on capability of Growth and Regional Development" 30th June 2007, by Planning Commission, GoI, in Shillong, Meghalaya.

Profile of the Department of Computer Science

1.	Name of the Department	Computer Science		
2.	Year of Establishment	13.06.1991		
3.	Number of Teachers sanctioned and present position	10	10	
4.	Number of Administrative Staff	0		
5.	Number of Technical Staff	1		
6.	Number of Teachers and Students	Teachers=10; Students=185		
7.	Demand Ratio(No of seats:No of applications)	1:3		
8.	Ratio of Teachers to Students	1:19		
9.	Number of Research scholars who had their Master's degree from other institutions	NA		
10.	The year when the curriculum was revised last	2003(BSc); 2005(PGDCA); 2007(MCA)		
11.	Number of students who passes NET/SLET etc. (last two years)	NA		
12.	Success rate of students(What is the pass percentage as compared to the University average)		College	Univ.*
		BSc	100%	91%
		BCom	100%	91.78%
		BA(MCVP)	100%	100%
		BA(Med. Tech)	100%	100%
13.	University Distinctions/Ranks	BSc	2006 = 4; 2007 = 9	
14.	Publications by faculty(last 5 years)	Listed at the end of this report		
15.	Awards and recognition received by faculty(last 5 years)	0		
16.	Faculty who have attended National and International Seminars(last five years)	3		
17.	Number of National and International Seminars organized(last five years)	0		
18.	Number of teachers engaged in consultancy and revenue generated	4; None		
19.	Number of ongoing projects and its total outlay	None		

20.	Research projects completed during last two and its outlay	None
21.	Number of inventions and patents	None
22.	Number of PhD theses guided during the last two	NA
23.	Number of books in the Departmental Library, if any	266 books; 13 reference manuals(VB6.0)
24.	Number of Journals/Periodicals	4
25.	Number of computers	200
26.	Annual budget	NA

* The university percentage is for the **entire** BSc, BCom or BA as the case may be, and **not** only for those taking Computer Science Honours. The data for only computer science students for the entire university is not available.

List of Publications in last five years:

- A Das, D K Bhattacharyya. *Efficient Rule Mining for Dynamic Databases*. Proceedings of the International Conference on Information Technology, May 2003, Kathmandu, Nepal.
- A Das, D K Bhattacharyya . *Rule Mining For Dynamic Databases*. Proceedings of IWDC2004, December 2004, Calcutta, India.
- A Das, D K Bhattacharyya . *Feature Selection Using Frequency Count*. Proceedings of ADCOM2004, December 2004, Ahmedabad, India.
- A Das, D K Bhattacharyya. *Faster Algorithms for Association Rule Mining*. Proceedings of ADCOM2004, December 2004, Ahmedabad, India
- A Das, D K Bhattacharyya . *Rule Mining for Dynamic Databases*. Australian Journal for Information Science, August, 2005.
- A Das, D K Bhattacharyya. *Density-based View Materialization*. Proceedings of PreMi-2005, ISI, Kolkata, December, 2005.
- Basav Roychoudhury, Dilip K Saikia: *Reducing Handover Latency in MIPv6 Using Mobile Agents*, Proc. Of Sixth Intl. Conf. on Information Technology, Bhubneswar, Dec 2003, pp. 574-575.

- Basav Roychoudhury, Dilip K Saikia: *Mobility Management - A Survey*, Proc. Of Natl. Wksp. On Trends and Issues in Wireless Networks and Mobile Computing, Tezpur, Aug 2004, pp. 63-81.
- Basav Roychoudhury, Dilip K Saikia: *Performance Enhancement of Mobile IPv6 Through Mobile Agents*, Proc. Of Natl. Wksp. On Trends and Issues in Wireless Networks and Mobile Computing, Tezpur, Aug 2004, pp. 25-36.
- Basav Roychoudhury, Dilip K Saikia: *A Macro-Mobility Scheme for Reduction in Handover Delay and Signaling Traffic in MIPv6*, Proc.of 6th Intl. Wksp on Distributed Computing – LNCS 3326, Springer Verlag Publication, Dec 2004, pp.186-191.
- Basav Roychoudhury, Dilip K Saikia: *Transparent Multihoming Protocol Extension for MIPv6 with Dynamic Traffic Distribution across Multiple Interfaces*, Proc. Of International Joint Conferences on Computer, Information, and Systems Sciences, and Engineering (CIS2E 06), Bridgeport, December, 2006.
- Joby Joseph, *Incorporating Nanotechnology into Artificial Neural Networks*, Natl. Conf. On Artificial Neural Networks, SRM University, Chennai Feb, 2008

Profile of the Department of Economics

1. Name of the Department	Economics	
2. Year of Establishment	13.06.1935	
3. No. of Teachers sanctioned and present position	7	7
4. No. of Administrative Staff	None	
5. No. of Technical Staff	None	
6. No. of Teachers and students	7 teachers: 141 students	
7. Demand ratio (no. of seats : no. of applications)	1:7	
8. Ratio of Students to Teachers (Current year)	20:1	
9. No. of research scholars who had their masters' degree from other institutions	NA	
10. The year when the curriculum was last revised	2005	
11. No. of students passed in NET/SLET etc	NA	
12. Success Rate of Students (last year)	91.2%	
13. University distinction/ranks	2006 : 1 2007 : 1	
14. Publications by Faculty (Last five years)	Details given below	
15. Awards and Recognition received by Faculty (last five year)	None	
16. Faculty who have attended National/ Intl. Seminars (last five years)	Prof. K.K. Singh, Prof. V. Pala & Prof. K.S. Rajput	
17. No. of national/international seminars organized in last 5 years	None	
18. No. of teachers engaged in consultancy and the revenue generated	None	
19. No. of Ongoing Projects and outlay	None	
20. Research Project completed during last two years and outlay	1 (Rs.2,17,000)	
21. No. of inventions and patents	None	
22. No. of Ph.D. theses guided in the last 2 years	NA	
23. No. of Books in the Department Library (current year)	50	
24. No. of Journals/Preriodicals	10	
25. No. of Computer (current year)	1	
26. Annual Budget (last year)	NA	

List of papers published

- Rajput KS, Population and Educational Profile of Meghalaya (Presented as a joint paper with Dr. Sanku Dey), *Hill Geographer* XIX (1 & 2), pp. 14-19, 2003.
- Rajput KS, *Some Basic Reproductive health Issues among Muslim Women: A Sub-Divisional Study* in the UNICEF-UGC sponsored national seminar, held in Gauhati University on 2-4 March 2002.
- Rajput KS, Safe Motherhood – A Human Right Issue: In Dr. Aparna Mahanta (ed.) *Human Rights and Women of North East India*, Centre for Women's Studies, Dibrugarh University, Dibrugarh, pp. 230 - 236, 2002.
- Rajput KS, Development of North-Eastern region: Some Issues to Ponder: In B. Dattaray and G. Das (eds.) *Dimensions of Rural Development in North-East India*, Akansha publishing House, New Delhi, pp. 278-286, 2004.
- Pradhan SK, Rajput KS, Traditional Knowledge and IPRs, Published in the proceedings of the National Seminar on *Intellectual Property Rights*, held in St. Anthony's College, Shillong on 6th – 8th October, 2004.
- Rajput KS, A Study of Sectoral Development of Assam: Retrospect and Prospect: In Gurudas Das (ed.) *Structural Change and Strategy of Development: Resource – Industry Linkages in North East India*, pp. 47-82, Indian Council of Social Science Research – North Eastern Regional Centre, Akansha Publishing House, New Delhi.
- Rajput KS, Knowledge of HIV/AIDS: Hindu-Muslim Differentials, accepted for publication in *Man and Society – A Journal of the ICSSR, NERC*.
- Singh K.K.: *Elementary Economics for class XI*; MBOSE Publication, Shillong, 2007.

Profile of the Department of English

1.	Name of the Department	English	
2.	Year of Establishment	18.06.1934	
3.	Numbers of Teachers sanctioned and present position	8	8
4.	Number of Administrative Staff	NA	
5.	Number of Technical Staff	NA	
6.	Numbers of Teachers and Students	8 teachers, 150 students	
7.	Demand Ratio (No. of seats : No. of applications)	1:8	
8.	Ratio of Teachers to Students	1:19	
9.	Number of research scholars who had their master's degree from other institution	NA	
10.	The year when the curriculum was last revised	2004	
11.	Number of students passed NET/SLET etc., (last two years)	NA	
12.	Success rate of students (What is the pass percentage as compared to the University average).	83.51% (Univ) 88.63% (Dept)	
13.	University Distinction/Ranks	None	
14.	Publication by faculty (last 5 years)	None	
15.	Awards and recognition received by the faculty (last five years)	None	
16.	Faculty who have Attended National and International Seminars (last five years)	7	
17.	Number of National and International Seminar organized (last five years)	None	
18.	Numbers of Teachers engaged in consultancy and the revenue generated.	None	
19.	Number of Ongoing projects and its total outlay	None	
20.	Research projects completed during last two & its total outlay	None	
21.	Number of inventions and patents	None	
22.	Number of Ph. D theses guided during the last two years.	NA	
23.	Number of Books in the Department Library, if any.	49	
24.	Number of Journals/Periodicals	None	
25.	Number of Computers	1	
26.	Annual Budget	NA	

Profile of the Department of Geology

1.	Name of the Department	Geology	
2.	Year of Establishment	13.06.1985	
3.	Number of teachers sanctioned and present position	4	4
4.	Number of administrative staff	0	
5.	Number of technical staff	1	
6.	Number of teachers and students	Teachers =4 : Students = 16	
7.	Demand Ratio (No. of seats : No. of applications)	1 : 1	
8.	Ratio of teachers to students	1 : 4	
9.	Number of research scholars who had their Master's degree from other institutions	NA	
10.	The year when the curriculum was revised last	2005	
11.	Number of students who passed NET/SLET etc. in last two years	NA	
12.	Success Rate of students	100% pass out	
13.	University distinctions/ranks	In 2006 = 4; 2007 = 6	
14.	Publications by faculty	Listed below	
15.	Awards and recognition received by faculty	None	
16.	Faculty who have attended National and International Seminars (last five years)	National Seminar : 1 International Seminar : 1	
17.	Number of National and International Seminars organized (last five years)	0	
18.	Number of faculty engaged in consultancy and revenue generated	None	
19.	Number of ongoing projects and its total outlay	None	
20.	Research projects completed during the last two years and its outlay	None	
21.	Number of inventions and patents	0	
22.	Number of PhD theses guided during the last two years	NA	
23.	Number of books in the departmental library	20	
24.	Number of journals/periodicals	All journals/periodicals subscribed by the central library	
25.	Number of computers	1 desktop with printer	
26.	Annual budget	NA	

List of Publications

1. S Sensarma, S Hoernes, D Mukhopadhyaya, *Relative contributions of a crust and mantle to the origin of Bijli Rhyolite in a palaeoproterozoic bimodal volcanic sequence (Dongargarh Group), Central India*, Proc. Indian Acad. Sci (Earth Planet Sci), 113, No.4, Dec 2004, pp 619 - 648
2. S Sensarma, D Mukhopadhyaya, New insights on the stratigraphy and volcanic history of the Dongargarh belt, Central India, Gond. Geo. Magz, Spl., V7, 2003, pp 129 - 136
3. S Sensarma, H Palme, D Mukhopadhyaya, Crust-Mantle interaction in the genesis of siliceous high magnesian basalts : evidence from the early proterozoic Dongargarh Supergroup, India, Chemical Geology, 187 (2002) pp 21 - 37
4. S Sensarma, D Mukhopadhyaya, A revised stratigraphy of the early proterozoic Dongargarh Supergroup, Central India, communicated to Asian Journal of Earth Sciences, 2001
5. S Sensarma, D Mukhopadhyaya, Recognition and transport mechanism of early proterozoic block and ash flow deposit, Dongargarh Supergroup, India, communicated to Precambrian Research, 2001
6. S Sensarma, H Palme, E Deloule, D Mukhopadhyaya, Evidence of silicate liquid immiscibility in the early proterozoic andesitic rocks, Dongargarh Supergroup, Central India and possible tectonic implications, Journal of Conference Proceedings, pp 101 – 102, Goldschmidt Conference, Oxford UK, 2000
7. T Chakraborty, S Sensarma, Ga acolian sediments : Karutola formations, Dongargarh Supergroup, Central India, 31st International Geological Congress, Brazil, 2000
8. S Sensarma, H Palme, D Mukhopadhyaya, Geochemical character of SHMB-type magma from the early proterozoic Dongargarh Supergroup, India, European Journal of mineralogy, 11(1), 211. 1999

Profile of the Department of Hindi

1	Name of the Department	Hindi	
2	Year of establishment	06.01.1962	
3	Number of Teachers sanctioned and present position	1	1
4	Number of Administrative Staff	0	
5	Number of Technical Staff	0	
6	Number of teachers and students	Teachers =1;Student =1	
7	Demand Ratio (No. of seats:No. of application)	NA	
8	Ratio of Teachers to Students	1:1	
9	Number of Research scholars who have their Masters from other institutions	NA	
10	The year when curriculum was revised last	2005	
11	Number of students who passed NET/SLET etc.(last two years)	NA	
12	Success rate of students (What is the pass percentage as compared to University averages)		
13	University Distinctions/Ranks	None	
14	Publication by faculty (last 5 years)	1	
15	Awards and recognition received by faculty (last 5 years)	0	
16	Faculty who have attended National and International Seminars (last five years)	1	
17	Number of National and International Seminars organized (last five years)	None	
18	Number of teachers engaged in consultancy and revenue generated	None	
19	Number of ongoing projects and its total outlay	None	
20	Research projects completed during last two years and its outlay	None	
21	Number of inventions and patents	None	
22	Number of PhD theses guided during the last two year	NA	
23	Number of books in the Departmental Library, if any	9	
24	Number of Journals/ Periodicals	0	
25	Number of Computers	1(one)	
26	Annual Budget	NA	

List of Publication

“Khasi aur hindi ka Sala Sambandh” Kanak Prabha, Sept, 2007.33.

Seminar

National Seminar on “*Contribution of Hindi in co-ordination of North Eastern Languages*” (from 01/08/07 to 02/08/2007) at Dimapur, Nagaland conducted by Central Institute of Hindi Agra.

Profile of the Department of History

1.	Name of the Department	History	
2.	Year of Establishment	05.01.1934	
3.	Numbers of Teachers sanctioned and present position	4	4
4.	Number of Administrative Staff	NA	
5.	Number of Technical Staff	NA	
6.	Numbers of Teachers and Students	4 teachers 103 students	
7.	Demand Ratio (No. of seats : No. of applications)	1 : 4	
8.	Ratio of Teachers to Students	1:25	
9.	Number of research scholars who had their master's degree from other institution	NA	
10.	The year when the curriculum was last revised	2007	
11.	Number of students passed NET/SLET etc., (last two years)	NA	
12.	Success rate of students (last year 2005)	100%	
13.	University Distinction/Ranks	2006:1, 2007:0	
14.	Publication by faculty (last 5 years)	None	
15.	Awards and recognition received by the faculty (last five years)	None	
16.	Faculty who have Attended National and International Seminars (last five years)	None	
17.	Number of National and International Seminar organized (last five years)	None	
18.	Numbers of Teachers engaged in consultancy and the revenue generated.	None	
19.	Number of Ongoing projects and its total outlay	None	
20.	Research projects completed during last two & its total outlay	None	
21.	Number of inventions and patents	None	
22.	Number of Ph. D theses guided during the last two years.	NA	
23.	Number of Books in the Department Library, if any.	None	
24.	Number of Journals/Periodicals	None	
25.	Number of Computers	1	
26.	Annual Budget	NA	

Profile of the Département of Khasi

1.	Name of the Department	Khasi	
2.	Year of Establishment	6.4.1935	
3.	Number of Teachers sanctioned and present position	4	4
4.	Number of Administrative Staff	None	
5.	Number of Technical Staff	None	
6.	Number of Teachers and Students	Teachers- 4	Students-60
7.	Demand Ratio (No. of seats: No. of applications)	1:2	
8.	Ratio of Teachers to Students	1:15	
9.	Number of research scholars who had their master's degree from other institutions	None	
10.	The year when the curriculum was revised last	2002	
11.	Number of students passed NET/SLET etc. (last two years)	NA	
12.	Success Rate of students (What is the pass percentage as compared to the University average?)	90%	
13.	University Distinction/ Ranks	2006:1, 2007:1	
14.	Publications by faculty (last five years)	5 Articles & 2 Poems (list below)	
15.	Awards and recognition received by faculty (last five years)	NIL	
16.	Faculty who have Attended National and International Seminars (last five years)	7 National Seminars (lists attached below)	
17.	Number of National and International Seminars organized (last five years)	None	
18.	Number of teachers engaged in consultancy and the revenue generated.	None	
19.	Number of ongoing projects and its total outlay	None	
20.	Research projects completed during last two years & its total outlay.	None	
21.	Number of inventions and patents	None	
22.	Number of Ph.D theses guided during the last two years	None	
23.	Number of books in the Departmental Library, if any	300 copies	
24.	Number of Journals/Periodicals	None	
25.	Number of Computers	1	
26.	Annual Budget	None	

List of publications:

- Article entitled ‘ Fr. H.Elias: Ka Jingim bad Ka Jingtnei Jong U’ contributed to St. Anthony’s College Magazine, 2003.
- Poems entitled ‘ Mariang Ka Ud’ contributed to St. Anthony’s College Magazine, 2004.
- Article entitled ‘ Ka Ktien, U Rishot Baskhem Ka Jaitbynriew’ contributed to St. Anthony’s College Magazine, 2005.
- Poem entitled ‘ Shaei Lawei Kan Lam’ contributed to St. Anthony’s College Magazine 2006.
- Article on ‘ Ka Romanticism bad Ki Myllung Khasi’ contributed to the Journal *Laiphew*
- *Na-Ar Jingmut, thup-I*, published by the Contemporary Khasi Authors Association (CKAA) 2005
- A Review on D.T.Laloo’s book *Pluh Ka Jingieit*, contributed to the Journal, *Ka Thwet Jingstad* (Quest For Knowledge), published by the Khasi Department, NEHU, Shillong 2005.
- Article entitled ‘ U B.L.Swer bad Ka Thoh Ka Tar Khasi’ co-authored with Dr. Antoinette Kharmalki, contributed to the Souvenir- 25th Anniversary of Khasi Department, NEHU.2006.

National Seminar Attended:

Ms. Patricia Syiem

- National Seminar on *Intellectual Property Rights* organized by St. Anthony’s College, Shillong, 2004.
- National Seminar on *Tribal Literature With Special Reference to Languages of North-East India* organized by the Deptt. Of Khasi NEHU, Shillong on the 20th, 21st & 22nd February 2008.

Ms. Violet R. Synrem

- National Seminar on *Resistance Movement in India with special Reference to Meghalaya*, organized by Khasi Department, NEHU, in collaboration with

Bhasha Sangam, India and Directorate of Arts & Culture Government of Meghalaya, 2003.

- National Seminar on *Intellectual Property Rights* organized by St. Anthony's College, Shillong, 2004.

Mr. Rollingstone Wankhar

- National Seminar on *Resistance Movement in India with special Reference to Meghalaya*, organized by Khasi Department, NEHU, in collaboration with Bhasha Sangam, India and Directorate of Arts & Culture Government of Meghalaya, 2003.
- National Seminar on *Intellectual Property Rights* organized by St. Anthony's College, Shillong, 2004.
- National Seminar on *Tribal Literature With Special Reference to Languages of North-East India* organized by the Deptt. Of Khasi NEHU, Shillong on the 20th, 21st & 22nd February 2008.

Profile Of The Department Of Mass Media

1	Name of the Department	Mass Media	
2	Year of Establishment	MCVP: 14/9/1995	
		Media Tech: 13/06/2001	
3	Number of Teachers sanctioned and present position	8	8
4	Number of Administrative Staff	0	
5	Number of Technical Staff	1	
6	Number of Teachers and Students	Teachers=8: Students=119	
7	Demand Ratio(No of seats: No of applications)	MCVP -1:6 Media Tech – 1:5	
8	Ratio of Teachers to Students	1:15	
9	Number of Research scholars who had their Master's degree from other institutions	NA	
10	The year when the curriculum was revised last	2005	
11	Number of students who passes NET/SLET etc. (last two years)	NA	
12	Success rate of students(What is the pass percentage as compared to the University average)	100%	
13	University Distinctions/Ranks	First Ten (in Both MCVP, Media Tech)	
14	Publications by faculty (last 5 years)	1	
15	Awards and recognition received by faculty(last 5 years)	None	
16	Faculty who have attended National and International Seminars(last five years)	4	
17	Number of National and International Seminars organized(last five years)	2	
18	Number of teachers engaged in consultancy and revenue generated	None	
19	Number of ongoing projects and its total outlay	None	
20	Research projects completed during last two and its outlay	None	
21	Number of inventions and patents	None	
22	Number of PhD theses guided during the last two	NA	

23	Number of books in the Departmental Library, if any	100
24	Number of Journals/Periodicals	4
25	Number of computers	8
26	Annual budget	NA

Profile of the Department of Mathematics

1.	Name of the Department	Mathematics	
2.	Year of Establishment	13.06.1941	
3.	Number of Teachers sanctioned and present position	6	6
4.	Number of Administrative Staff	0	
5.	Number of Technical Staff	0	
6.	Number of Teachers and Students	Teachers= 6: Students=60	
7.	Demand Ratio(No of seats:No of applications)	1:2	
8.	Ratio of Teachers to Students	1:10	
9.	Number of Research scholars who had their Master's degree from other institutions	NA	
10.	The year when the curriculum was revised last	2005	
11.	Number of students who passes NET/SLET etc. (last two years)	NA	
12.	Success rate of students (What is the pass percentage as compared to the University average)	80% in 2006, 78.3% in 2007	
13.	University Distinctions/Ranks	2006 = 3; 2007 = 5	
14.	Publications by faculty (last 5 years)	None	
15.	Awards and recognition received by faculty(last 5 years)	None	
16.	Faculty who have attended National and International Seminars (last five years)	None	
17.	Number of National and International Seminars organized (last five years)	None	
18.	Number of teachers engaged in consultancy and revenue generated	None	
19.	Number of ongoing projects and its total outlay	None	
20.	Research projects completed during last two and its outlay	None	
21.	Number of inventions and patents	None	
22.	Number of PhD theses guided during the last two	NA	
23.	Number of books in the Departmental Library, if any	None	
24.	Number of Journals/Periodicals	None	
25.	Number of computers	1	
26.	Annual budget	NA	

Profile of the Department of Mizo

1	Name of the Department	Mizo	
2	Year of establishment	03.06.1962	
3	Number of Teachers sanctioned and present position	1	1
4	Number of Administrative Staff	0	
5	Number of Technical Staff	0	
6	Number of teachers and students	Teachers – 1; Students – 12	
7	Demand Ratio (No. of seats:No. of application)	NA	
8	Ratio of Teachers to Students	1:12	
9	Number of Research scholars who have their Masters from other institutions	NA	
10	The year when curriculum was revised last	2006	
11	Number of students who passed NET/SLET etc.(last two years)	NA	
12	Success rate of students (What is the pass percentage as compared to University averages)	100%	
13	University Distinctions/Ranks	NA	
14	Publication by faculty (last 5 years)	None	
15	Awards and recognition received by faculty (last 5 years)	None	
16	Faculty who have attended National and International Seminars (last five years)	0	
17	Number of National and International Seminars organized (last five years)	0	
18	Number of teachers engaged in consultancy and revenue generated	None	
19	Number of ongoing projects and its total outlay	None	
20	Research projects completed during last two years and its outlay	None	
21	Number of inventions and patents	None	
22	Number of PhD theses guided during the last two year	NA	
23	Number of books in the Departmental Library, if any	90	
24	Number of Journals/ Periodicals	1 periodical	
25	Number of Computers	1(one)	
26	Annual Budget	NA	

Profile of the Department of Music

1	Name of the Department	Music	
2	Year of establishment	24.06.2005	
3	Number of Teachers sanctioned and present position	3	3
4	Number of Administrative Staff	0	
5	Number of Technical Staff	0	
6	Number of teachers and students	Teachers – 3; Students – 30.	
7	Demand Ratio (No. of seats: No. of application)	1:1	
8	Ratio of Teachers to Students	1:10	
9	Number of Research scholars who have their Masters from other institutions	NA	
10	The year when curriculum was revised last	2005	
11	Number of students who passed NET/SLET etc.(last two years)	NA	
12	Success rate of students (What is the pass percentage as compared to University averages)	NA	
13	University Distinctions/Ranks	NA	
14	Publication by faculty (last 5 years)	Given at the end of the report	
15	Awards and recognition received by faculty (last 5 years)	None	
16	Faculty who have attended National and International Seminars (last five years)	2	
17	Number of National and International Seminars organized (last five years)	None	
18	Number of teachers engaged in consultancy and revenue generated	None	
19	Number of ongoing projects and its total outlay	None	
20	Research projects completed during last two years and its outlay	None	
21	Number of inventions and patents	None	
22	Number of PhD theses guided during the last two year	NA	
23	Number of books in the Departmental Library, if any	0	
24	Number of Journals/ Periodicals	0	
25	Number of Computers	One	
26	Annual Budget	NA	

List of Publication in the last five years

- Dr. Prabal Sharma. “Music Culture of North East India”, Raj Publication. Daryaganj. New Delhi (2007)

- Dr. Prabal Sharma. "Lessons for' Hindustani Vocal Music" 2 CD set with booklet; Magnetic Marketing Pvt. Ltd. Chennai. (2007)
- Dr. Rabindra Bharali. "The forgotten forms of Hindustani Music" Kanishka Publishers. New Delhi (2007)
- Dr. Prabal Sharma: Hindustani classical vocal- Raga Desi, Raga Multani, Raga Nand, Raga Yaman Kalyan, Bhajan. PMP records, Guwahati, 2003.
- Dr. Prabal Sharma : Tumsa Haseen kaha. PMP records, Guwahati, 2003.

Profile of the Department of Philosophy

1.	Name of the Department	Philosophy	
2.	Year of Establishment	7 th June, 1938	
3.	Number of Teachers sanctioned and present position	3	3
4.	Number of Administrative Staff	None	
5.	Number of Technical Staff	None	
6.	Number of teachers and students	4 teachers, 54 students	
7.	Demand ratio (No. of seat: No. of applications)	1:2	
8.	Ratio of teachers to students	1:14	
9.	Number of research scholars who had their master's degree from other institutions	NA	
10.	The year when the curriculum was revised last	2004	
11.	Number of students who passed NET/SLET etc. (last two years)	NA	
12.	Success rate of students (last year):	Top three positions, 98% success	
13.	University Distinction ranks	2006:3, 2007: 2	
14.	Publication by faculty (last 5 years)	None	
15.	Awards and recognition received by faculty (last five years)	None	
16.	Faculty who have attended Natl. & Intl. seminars. (last 5 years)	1	
17.	Number of National and International seminar organized (last 5 years)	None	
18.	Number of teachers engaged in consultancy and revenue generated	None	
19.	Number of ongoing projects and its total outlay	None	
20.	Research projects completed during last two years and its total outlay	None	
21.	Number of inventions and patents	None	
22.	Number of Ph.D thesis guided during the last two years	None	
23.	Number of books in the departmental library	35	
24.	Number of journal/periodicals	None	
25.	Number of computers	1	
26.	Annual Budget	NA	

Profile of the Department of Physics

1.	Name of the Department	Physics	
2	Year of Establishment	13/06/1941	
3	Number of Teachers sanctioned and present position	6	6
4	Number of Administrative Staff	0	
5	Number of Technical Staff	0	
6	Number of Teachers and Students	Teachers= 6: Students=61	
7	Demand Ratio(No of seats: No of applications)	1:2	
8	Ratio of Teachers to Students	1:10	
9	Number of Research scholars who had their Master's degree from other institutions	NA	
10	The year when the curriculum was revised last	2005	
11	Number of students who passes NET/SLET etc. (last two years)	NA	
12	Success rate of students(What is the pass percentage as compared to the University average)	100%	
13	University Distinctions/Ranks	2006 = 4; 2007 = 3	
14	Publications by faculty(last 5 years)	3	
15	Awards and recognition received by faculty(last 5 years)	None	
16	Faculty who have attended National and International Seminars(last five years)	2	
17	Number of National and International Seminars organized(last five years)	None	
18	Number of teachers engaged in consultancy and revenue generated	None	
19	Number of ongoing projects and its total outlay	None	
20	Research projects completed during last two and its outlay	None	
21	Number of inventions and patents	None	

22	Number of PhD theses guided during the last two years	NA
23	Number of books in the Departmental Library, if any	78
24	Number of Journals/Periodicals	None
25	Number of computers	Nil
26	Annual budget	NA

List of Publications

- S.Saikia has written a Paper on Work Fluctuation and Stochastic Resonance, in Physics Letter, A, 2007. p.367ff
- S.Saikia has written a Paper on Ratchet Effect in Inhomogeneous System- Proceedings of DAE, Solid State Physics Symposium(2006). P.757.
- S.Saikia has written a Paper on Motional Dispersion and Ratchet Effect in Inertial Systems, to PRAMANA, Journal of Physics (Indian Academy of Sciences)

Profile of the Department of Pisciculture

1.	Name of the Department	Pisciculture	
2.	Year of Establishment	01.06.1984	
3.	Number of teachers sanctioned and present position	4	4
4.	Number of administrative staff	None	
5.	Number of technical staff	1	
6.	Number of teachers and students	Teachers =4 : Students = 20	
7.	Demand Ratio (No. of seats : No. of applications)	1 : 1	
8.	Ratio of teachers to students	1 : 5	
9.	Number of research scholars who had their Master's degree from other institutions	NA	
10.	The year when the curriculum was revised last	2003	
11.	Number of students who passed NET/SLET etc. in last two years	NA	
12.	Success Rate of students	2006 =92.3% 2007 = 92.3%	
13.	University distinctions/ranks	In 2006 : 11 In 2007 : 11	
14.	Publications by faculty	20 Listed at the end of this profile	
15.	Awards and recognition received by faculty	None	
16.	Faculty who have attended National and International Seminars (last five years)	National Seminar : 4 International Seminar : 1	
17.	Number of National and International Seminars organized (last five years)	1	
18.	Number of faculty engaged in consultancy and revenue generated	2 :None	
19.	Number of ongoing projects and its total outlay	2: Rs 11,04,704/- Rs 1,92,060/-	
20.	Research projects completed during the last two years and its outlay	1 : Rs 1,37,000/-	
21.	Number of inventions and patents	None	
22.	Number of PhD theses guided during the last two years	NA	
23.	Number of books in the departmental library	- 20	
24.	Number of journals/periodicals	All journals/periodicals subscribed by the central library	
25.	Number of computers	1 desktop computer with printer	
26.	Annual budget	NA	

List of Publications:

- R.N.Bhuyan, D. Sarma and Sabitry Bordoloi: Induced breeding and larval rearing of *Labeo gonius* (Hamilton Buchanan) in the low temperature of the Mid-altitudinal region, Shillong, Meghalaya. *J. Inland Fish. Soc. India*, 34(2): 59-65 (2002).
- R. N. Bhuyan, Sudip Dey, Sabitry Bordoloi. A Dutta: Scanning electron microscopic study of ovary, egg surface structure and hatchling of *Labeo gonius* (Hamilton Buchanan) at mid-altitudinal areas of Shillong, Meghalaya with reference to induced breeding. *Aquacult* 4(1): 93 – 103. (2003).
- R. N. Bhuyan, Sabitry Bordoloi and A. Dutta: A comparative study of length-weight relationship of Indian minor carp *Labeo gonius* (Hamilton Buchanan) at low and mid-altitude region. *Aquacult Vol.5 (1)*, 29 – 35 (2004)
- D. Sarma; R. N. Bhuyan and A. Dutta: Ovatide as an inducing agent in the breeding of *Cyprinus carpio communis* (German strain) and its growth during early stages of development. *J. Ecobiol.* 15 (2) 81-88 (2003).
- D. Sarma, R. N. Bhuyan and A. Dutta: Effect of low temperature on induced breeding and nursery rearing of *Labeo rohita* (Ham.) under agro-climatic conditions of Shillong, Meghalaya. *Aquacult* 4(2): 161 – 168 (2003).
- D. Sarma, S. Dey and A. Dutta. 2002. A note on application of Hill's procedure for growth-curve analysis of Indian major carp, *Labeo rohita* (Ham.) during the gonadal developmental period at Shillong, Meghalaya. *J. Ind. Fish. Assoc.* 29: 111-116.
- D. Sarma, S. Dey and A. Dutta. 2003. Length-weight relationship of *Labeo rohita* (Ham.) at mid altitudinal region, Shillong (Meghalaya). *Geobios.* 30: 191-193.
- D. Sarma, J.P. Nongkynrih and A. Dutta. 2003. The annual cycle in the gonads of *Labeo rohita* (Ham.) at low temperature region, Shillong (Meghalaya). *J.Assam Sc. Soc.* Vol. 44.
- Sarma, D., Dey, S. and Dutta A. (2002) "A Short Note on Hill's Procedure of *Labeo rohita* during the Gonodal developmental period at Shillong, Meghalaya." *Journal of the Indian Fisheries Assoc.* Vol.29. Pp111-116.

- D. Sarma, S. Dey, A. Dutta, and R. N. Bhuyan: Developmental changes in surface architecture and histological features of *Labeo rohita* (Ham) gonads with reference to mid-altitudinal and low temperature conditions. J. Inland Fish. Soc. India. Vol. 35(2) (2003)
- Devjani Ghosh, Sudip Dey. (2003): Reversal of Acid Stress Effect In Common Carp (*Cyprinus carpio*) at cellular level. (Communicated to: Communicated to: Journal of Inland Fisheries Society of India. Barrackpore).
- Rahul Chakraborty, Sudip Dey, P.S. Dkhar, D.K. Sharma & D. Ghosh. (2003): Ecological Impact of Zinc and Manganese Status in few Common Edibles from Northeast India. Ecobios. Vol-1. Issue-1. Pp-33-40.
- Devjani Ghosh, Rahul Chakraborty, Sudip Dey, (2004): Nutritive value of some small fishes available in the markets of a Northeast Indian city Shillong, with reference to certain essential Elements. (Journal of Inland Fisheries Society of India. Barrackpore, 36 (1): 36 – 40.
- Rahul Chakraborty, Sudip Dey, P.S. Dkhar, D. Ghosh, S. Singh, D.K. Sharma & B. Myrboh. (2003): Accumulation of Heavy Metals in Some Fresh Water Fishes from Eastern India and its Possible Impact on Human Health. (Pollution Research, 22, (Issue-3): 353-358.
- Devjani Ghosh, E. Mawlong, J. Khongjoh, S. Nongkynrih, J. Nongkynrih, Sudip Dey & Rahul Chakraborty. (2004): Cellular and Morphological Effects of an Organophosphorus Pesticide, Ethion, on Certain Vital Tissues of Common Carp (*Cyprinus carpio*); A Scanning Electron Microscopic Study. Pollution Research, Issue-2 .
- Rahul Chakraborty, Sudip Dey, P.S. Dkhar, C.R. Thabah, B. Myrboh, D. Ghosh & D.K. Sharma. (2004): Heavy Metal Contamination of Rice and Legumes Available in Shillong (Meghalaya) Markets, and Its Possible Impact on Human Health. Ecobios.
- Rahul Chakraborty, Sudip Dey, P.S. Dkhar, C.R. Thabah, B. Myrboh, D. Ghosh & D.K. Sharma. (2004): Determination of Few Heavy Metals in Some Vegetables from North Eastern Region of India In Relation to Human Health. Pollution Research. Issue-3.

- S. Kharbuli, S.Dey, J. Nongkynrih, U.C.Goswami. (2004): Ovaprim induced spawning and subsequent development in an aquarium fish, *Danio aequipinnatus* Published in the Journal of Inland Fishery Society, Barrackpore. Vol.No. 36(1) of IFSI Journal, page No. 58-62.(2004)
- S.Kharbuli, S.Dey, U.C.Goswami. (2003): Studies on Seasonal Changes in Water Quality and Anthropogenic Influence in Population Trend in the Natural Habitat *Danio aequipinnatus* with Reference to Greater Shillong. Published in the journal 'Aquacult 179' Vol. 4(2).2003.
- S Kharbuli and S Dey.(2001): "Surface microstructure of different tissues of the giant danio (*Danio aequipinnatus*) showing some characteristic patterns of unknown function" presented in the XXIV Annual Conference of EMSI on Electron Microscopy and allied fields. Feb 9-11, 2001.
- S Kharbuli and D Sarma (2001):*Danio*, locally available ornamental fish of Meghalaya. Published in 'Fishing Chimes' Vol. 21. No. 8. 2001.

Profile of the Department of Political science

1	Name of the Department	Political Science	
2	Year of Establishment	13/06/1934	
3	Number of Teachers sanctioned and present position	4	4
4	Number of Administrative Staff	None	
5	Number of Technical Staff	None	
6	Number of Teachers and Students	Teachers= 4: Students=214	
7	Demand Ratio(No of seats: No of applications)	1:3	
8	Ratio of Teachers to Students	1:53	
9	Number of Research scholars who had their Master's degree from other institutions	None	
10	The year when the curriculum was revised last	2006	
11	Number of students who passes NET/SLET etc. (last two years)	NA	
12	Success rate of students(What is the pass percentage as compared to the University average)	100%	
13	University Distinctions/Ranks	Nil	
14	Publications by faculty(last 5 years)	Listed below	
15	Awards and recognition received by faculty(last 5 years)	None	
16	Faculty who have attended National and International Seminars(last five years)	1	
17	Number of National and International Seminars organized(last five years)	1	
18	Number of teachers engaged in consultancy and revenue generated	2, None	
19	Number of ongoing projects and its total outlay	None	
20	Research projects completed during last two years and its outlay	None	
21	Number of inventions and patents	None	
22	Number of PhD theses guided during the last two years	NA	
23	Number of books in the Departmental Library, if any	9	
24	Number of Journals/Periodicals	None	
25	Number of computers	1	
26	Annual budget	NA	

List of Publications

- R.K.Purkayastha, presented paper titled, *Roots of Insurgency in North East India*, Akhansha Publication, Delhi, 2007.
- R.K.Purkayastha, presented paper titled, *India's Experiences With Coalitional Politics*", at the 5th International Conference of Asian Scholars, Kuala Lumpur, August 2007.
- R.K.Purkayastha, has been the resource person for Coaching for SC/ST candidates for employment/ and also for in service training for executives of All India Radio, Shillong in 2006 and 2007.

Profile of Department of Statistics

1	Name of the Department	Statistics	
2	Year of Establishment	06/01/1961	
3	Number of Teachers sanctioned and present position	3	3
4	Number of Administrative Staff	0	
5	Number of Technical Staff	0	
6	Number of Teachers and Students	Teachers= 3: Students=7	
7	Demand Ratio(No of seats: No of applications)	1:2	
8	Ratio of Teachers to Students	1:2	
9	Number of Research scholars who had their Master's degree from other institutions	NA	
10	The year when the curriculum was revised last	2005	
11	Number of students who passes NET/SLET etc. (last two years)	NA	
12	Success rate of students(What is the pass percentage as compared to the University average)	66% in 2006, 100% in 2007	
13	University Distinctions/Ranks	None	
14	Publications by faculty(last 5 years)	Listed Below	
15	Awards and recognition received by faculty(last 5 years)	None	
16	Faculty who have attended National and International Seminars(last five years)	2	
17	Number of National and International Seminars organized(last five years)	2	
18	Number of teachers engaged in consultancy and revenue generated	1	
19	Number of ongoing projects and its total outlay	None	
20	Research projects completed during last two and its outlay	2	
21	Number of inventions and patents	None	
22	Number of PhD theses guided during the last two	NA	
23	Number of books in the Departmental Library, if any	25	
24	Number of Journals/Periodicals	None	
25	Number of computers	1	
26	Annual budget	NA	

List of Publications

- Dey, S. (2003) “ A note on Bayes” test plan for testing the availabilities of series and parallel systems. J. of Assam Sc. Soc. Vol.44 Pp.95-97.
- Das, S, dey,S, Barthakur, N.(2003) “Growth and instability of rice production in eastern India” J. of Assam Sc. Soc. Vol. 43 Pp. 4-15.
- Dey, S. and Rajput K.S (2003) “ Population and educational profile of Meghalaya”. Hill Geographer Vol. XIX, No. 1&2 Pp. 14-19.
- Das, S and Dey,S (2004) “ A study of demographic profile of Mizoram”. Hill Geographer, Vol. XIX No. 1&2 Pp. 14-19
- Dey, S.(2005) “ Bayesian intervals for parameter and reliability of inverse Rayleigh distribution” J. of Ravisanker University (Science) Vol. 18 No.B Pp. 57-68.
- Dey, S. (2005) “ Gender disparity in literacy in meghalaya: An inter-district Analysis. Indian Journal of Adult Education. Vol. 66. Nos3-4 Pp 56-61.
- Dey, S. (2005) “ M/M/1 Queue revisited via Bayesian Approach” Assam Statistical Review. No. 1-2 Pp 144-154.
- Dey,S., Goswami, S,. (2007) “ Birth and death rate of Meghalaya(1976-2001) A study of trend and its inter-relationship”. J. of Human Ecology,21(2),105-108.
- Sarma, D. and Dey,S. (2003) “ Length-weight relationship of Labeo rohita at mid altitudinal region,Shillong(meghalaya) Geobios.Vol.30 (2-3), Pp.91-93.
- Dey, S. and Goswami, S (2007) “fertility and its correlation in the North East India including Sikkim.
- Dey,S. (2007) “Minimax estimation of the parameter of the Rayleigh distribution under quadratic loss function”. 15th confrence of IMST at Shanghai Institute for advance studies, University of Science & Technology of China, May 20-23, 2007.
- Dey, S. and Das, M.K. (2007) “ Bayesian Estimation of parameter of a 1-out-of- 2:G repairable system under different priors and different loss function”.

National seminar on theoretical and applied Bayesian Methodologies.
Organised by Uday Pratap College, Varanasi, during 17-18 March, 2007.

- Dey, S (2005) “Bayes prediction interval for a 1-out-of-N:G repairable system”. 25th confrence of ISPS and annual meeting of Indian Bayesian Society held in Bangalore University during 27-30 December, 2005.
- Dey, S.(2005) “ A note on prediction interval for a Rayleigh distribution Bayesian approach”. International workshop/confrence on Bayesian statistics and its applications in Banaras university during 4-8 January 2005.
- Dey, S. (2004) “A study of demographic profile of Meghalaya”. National Seminar on population and development in the North East Hill University, Shillong, Meghalaya, 25-27 February, 2004

Profile of Department of Zoology

1.	Name of the Department	Zoology	
2.	Year of Establishment	01.01.1960	
3.	Number of teachers sanctioned and present position	6	6
4.	Number of administrative staff	0	
5.	Number of technical staff	02	
6.	Number of teachers and students	Teachers =6 :	Hons =42
7.	Demand Ratio (No. of seats : No. of applications)	1 : 6	
8.	Ratio of teachers to students	Hons 1 : 7	
9.	Number of research scholars who had their Master's degree from other institutions	NA	
10.	The year when the curriculum was revised last	2003	
11.	Number of students who passed NET/SLET etc. in last two years	NA	
12.	Success Rate of students	2006 : 100%; 2007 : 94.44%	
13.	University distinctions/ranks	2006: 3; 2007 :1	
14.	Publications by faculty	3	
15.	Awards and recognition received by faculty	Nil	
16.	Faculty who have attended National and International Seminars (last five years)	National Seminar : 4	
17.	Number of National and International Seminars organized (last five years)	0	
18.	Number of faculty engaged in consultancy and revenue generated	None	
19.	Number of ongoing projects and its total outlay	1 (Rs 6 lakhs)	
20.	Research projects completed during the last two years and its outlay	None	
21.	Number of inventions and patents	0	
22.	Number of PhD theses guided during the last two years	NA	
23.	Number of books in the departmental library	205	
24.	Number of journals/periodicals	All journals/periodicals subscribed by the central library	
25.	Number of computers	1 desktop computer with printer	
26.	Annual budget	NA	

List of Publication

- U. Sengupta: Biochemical genetics of dihydrolipoamide dehydrogenase, fructose-biphosphate aldolase and glutamic-oxaloacetic transaminase in the Chocolate Mahaseer, *Neolissochilus hexagonolepis*. Perspectives in cytology and genetics, volume XI: 475-480 (2004).
- U Sengupta: Electrophoretic analysis of lactate dehydrogenase (LDH) in ocular tissue of domestic fowl (*Gallus domesticus*) and the Indian Blue Rock Pigeon (*Columba livia Strickland*), NURJ, Volume 3: 62-67. (2005)
- U Sengupta: Genetic Polymorphism at the loci coding for Aconitate hydratase, carbonic anhydrase and peroxidase enzymes in Chocolate Mahaseer, *Neolissochilus hexagonolepis*. Perspectives in cytology and genetics, in press (2007).

PART II-C
EVALUATIVE REPORT OF
THE DEPARTMENTS

Evaluative Report of Department of Biochemistry

The Department of Biochemistry runs a full time B. Sc. Honours Course in Biochemistry. The subject of Biochemistry enables to explore all aspects of an organism- from basic questions about its chemical composition, through inquiries into the complexes of its metabolism, its differentiation and development to analysis of its evolution and even its behavior. Biochemistry is a science whose boundaries now encompass all aspects of biology, from molecules to cells, to organisms, to medicine and to ecology.

As the explication of natural phenomena rests more and more on biochemistry, its inclusion in undergraduate curricula in biology, chemistry, and the health sciences becomes imperative. And the challenge to us is a formidable one as how to familiarize students with the essential features of modern biochemistry.

We need to design so as to communicate the fundamental principles governing the structure, function, and interactions of biological molecules to students encountering biochemistry for the first time. We aim to bring an appreciation of the science of biochemistry to a broad audience that includes undergraduates in biology, chemistry, or premedical programs as well as medical students and graduates in the various health sciences for whom biochemistry is an important route to understanding human physiology.

The department also collaborates with the departments of Biotechnology, Chemistry, Botany, Zoology, Pisciculture, Mathematics, Physics, Statistics and Computer Science to conduct related papers for the students.

Faculty Profile:

Sl. No.	Name	Year of joining	Qualification	Secialization
1.	Dr. Herbert G. Lyngdoh	1999	M. Sc, Ph. D.	Enzymology, Hormone Chemistry & Protein Chemistry
2.	Ms. Saibadahun Nongrum	2003	M. Sc.	Molecular Biology & Animal Cell culture
3.	Ms. Chaitali Bhattacharjee	2006	M. Sc. (Ph. D)	Molecular Biology & Cancer Biology
4.	Mrs. Phibangipan Warjri	2007	M. Sc.	Medical Biochemistry

Adjunct Faculty:

- Dr. M.A. Laskar (Dept. of Biotechnology)
- Ms. I. Boiss (Dept. of Biotechnology)
- Ms. Y. Choudhury (Dept. of Biotechnology)
- Dr. L.I. Singha (Dept. of Biotechnology)
- Mr. T. Challam (Dept. of Biotechnology)
- Mr. V.M. Wann (Dept. of Biotechnology)
- Dr. J.N. Vishwakarma (Dept. of Chemistry)
- Dr. E. karim (Dept. of Chemistry)
- Dr. P. Bhattacharjee (Dept of Mathematics)

Profile of students:

Minimum requirement(s) for students to be admitted: 1st Division in Class XII Science. Selection of students is according to Merit.

Present Strength: Boys: 35; Girls: 22.

Contribution to Curricula:

Two teachers of the Department are members of the board of undergraduate studies (BUGS) in Biochemistry of the affiliated university. However during this period there have not been any changes, as the next review of syllabus will be in 2009.

Student Performance:

The pass percentage in 2006 was 100% and in 2007 was 99%. Three University ranks were bagged in 2006 and five in 2007. The first rank in 2007 and hence the University Gold Medal was bagged by the Department.

Students of the department have been actively participating in excursions, field trips, debates and quizzes (both National & State level competitions), voluntary blood donations and tree plantations organized by the NSS and NCC units of the college.

Besides, student learning is augmented by wall magazine display, departmental seminars, maintenance of orchidaria in the college campus, biochemical laboratories, etc.

Teaching-Learning resources:

Modern teaching methods practiced and use of ICT in teaching – learning.

- The use of Power Point presentations in teaching has efficiently enhanced learning process.
- The role of Bio-informatics in retrieving information on both practical as well as theoretical aspects of various disciplines within biochemistry is progressively being explored.
- The use of the Internet for data and information access has steadily gained importance for the completion of Project works and dissertation.
- The department has its own library, Internet-enabled computer and laboratories for effective learning.

Participation of teachers in academic and personal counselling of students:

- Academic and personal counseling of students takes place at a constant and informal level.
- Faculty members also assist the students by providing extra classes as well as guidance in the preparation for different entrance exams.

Details of faculty development programmes:.

The teachers of the department participated in the Annual Staff Development Programme organized by the college.

Consultancy

- Ms. S. Nongrum has been a resource person in the MLT course in Woodland Nursing School from 2007.

- Dr. H.G. Lyngdoh, Ms. S. Nongrum & Mr. T. Challam were involved in AIDS awareness programmes, Blood Donation Camps & Tree Plantation Programmes in 2006 and 2007

Placement records:

A few examples are presented below:

- Ms Florance Changsen (2006 batch): M.Sc, MS University, Baroda.
- Jyoti Sapkota (2006 batch): M.Sc.Punjab College of Technical Education, Ludhiana.
- Mr. Shree Prasad Thapa (2006 batch): Lieutenant, Indian Army.
- Mr. V. Morgenstern Wann (2002 batch): M.Sc, Dairy Technology, NDRI, Karnal.
- Stewardlyn L. Kshiar (2002 batch):M.Sc, St. George Medical College, Bangalore.

Plan of action of the department for the next five years:

- Review of under graduate syllabus is scheduled for 2009.
- Areas in the department agenda that are to be given top priority include setting up of new laboratories and installation of new equipment besides acquiring new books and journals for the departmental library.
- The department also realizes the importance of high-speed internet linkage and, to this end, will try to get a reliable, high-speed internet link so as to assist teaching learning of Bioinformatics & Proteomics

Other Highlights

The department is looking forward to have its own PG course sometime in the near future.

We look forward to provide assistance in hands on training to different branches of Life Sciences.

Evaluative Report of Department of Biotechnology

The Department was the first among the colleges affiliated to NEHU to start the B.Sc. Biotechnology (Honours) course, and later, the M.Sc. Biotechnology course.

Faculty Profile:

Sl. No.	Name of the Faculty	Year of joining	Maximum qualification	Area of specialization
1	Dr. M. A. Laskar	1998	Ph.D (Ag. Biotechnology)	Molecular Biology & Plant Tissue Culture
2	Ms. I. Boiss	2001	M.Sc. (Biotechnology)	Microbiology
3	Dr. L.I. Singha	2001	Ph.D. (Biochemistry)	Tumour Immunology
4	Ms. Y. Choudhury	2006	M.Sc. (Biochemistry)	Molecular Biology
5	Mr. T. Challam	2006	M.Sc. (Biochemistry)	Microbiology
6	Ms. I. Basaiwamoit	2007	M.Sc. (Biotechnology)	Microbiology
7	Mr. V. M. Wann	2007	M.Sc. (Diary Technology)	Stem Cell Biology

Adjunct Faculty:

- H.G. Lyngdoh (Dept. of Biochemistry)
- S. Nongrum (Dept. of Biochemistry)
- Ms. C. Bhattacharjee (Dept. of Biochemistry)
- Ms. P. Warjri (Dept. of Biochemistry)
- Dr. J.N. Vishwakarma (Dept. of Chemistry)
- Dr. E. Karim (Dept. of Chemistry)
- Ms. P. Bhattacharjee ((Dept. of Mathematics)
- Dr. A. Chakraborty ((Dept. of Statistics)
- Dr. J. Sharma ((Dept. of Botany)

- Dr. A. Das (Dept of Computer Science)
- Ms. A. Hujon (Dept. of Computer Science)

Adequacy of Faculty: The faculty is trained in the core areas of Life Sciences and hence is adequately suited for teaching Biotechnology.

Profile of students:

B.Sc. Biotechnology (Honours) :

- Present student strength: Girls : 54; Boys: 30.
- Admission Criteria: Intermediate (Science) with minimum 60 % overall marks. Apart from fulfilling the above criteria students have to pass an objective-type written exam that tests their aptitude in Biology, Chemistry, Physics and Mathematics.

M.Sc. Biotechnology:

- Present student strength: Girls : 22; Boys: 8
- Admission Criteria: Graduates in any branches of Life Sciences including Agriculture, Horticulture and Veterinary Science. Graduates in Chemical Sciences with Botany, Zoology or any other life science as subsidiary/general subject(s). The cut-off percentage is 55% (scored in Honours subjects).
- Apart from meeting the above criteria students have to pass a written test and interview. Candidates are tested in the areas of Biochemistry, Cell and Molecular Biology, Genetics, Microbiology, Immunology, Basic Zoology and Botany, taught at the B.Sc. level and Chemistry taught at the Higher Secondary Level.

Contribution to curricula:

B.Sc. (Biotechnology): The changes desired in the syllabus have to be put forth to the Board of Undergraduate Studies (BUGS) in Biotechnology, which comprises faculty from NEHU and those from the affiliated colleges that run the U.G. course in Biotechnology. Faculty from the Department have been members of the BUGS since the inception of the Department. At present three teachers from the department are members of the current BUGS. The syllabus is due for revision in 2008.

M.Sc. Biotechnology: the Board of Post-graduate Studies (BPGS) makes the modifications. The syllabus was designed in 2005 and is due for revision in 2010.

Student performance

B.Sc. Biotech. (Hons.): The pass percentage was 100% during both 2006 & 2007. Till 2006 only St. Anthony's College, conducted this course, hence students of the college bagged all ten positions, in 2006 and 2007.

Co-curricular activities of students: The students regularly contribute to a wall magazine that is under the charge of a faculty. The P.G. students have been on study tours during the 3rd semester. During Dec-Jan, 2006-07 they visited National Institute of Oceanography, Goa, Univ. of Bombay, Mumbai, BARC, Mumbai. During Dec-Jan, 2007-08 the next batch visited CCMB, Univ. of Hyderabad, Osmania Univ., all situated in Hyderabad. A few of the P.G. students of the 2005-2007 batch presented posters in the National Seminar on Recent Advances and Rebuilding of Fish and Fisheries in N.E. India held at St. Anthony's College, Shillong from 22-23 August, 2007 and organized by the Department of Pisciculture of the college and the North Eastern Council, G.O.I.

Teaching Learning Resources

The department has a library and internet-enabled computers that are accessible to both P.G. and U.G. students.

ICT is being used at the U.G. and P.G. levels since 2006. Emphasis is also paid on interactive mode of teaching. Stress is also laid on student seminars and group discussions as modes of generating interest, increasing motivation, developing the habit of introspection and increasing the range of knowledge. The P.G. classrooms are equipped with LCD and OHP projection systems. Similar projection systems are requisitioned from the college pool (created with CPE-UGC grant) for U.G. classes. Information present in research and review articles that are posted in the net are regularly used to prepare for theory and practical classes of both P.G and U.G. students.

Participation of teachers in academic and personal counselling of students.

Teachers are available, beyond the scheduled classes for students who need additional help in the subjects. They also help students to prepare for competitive exams, and to

explore employment opportunities. The placement coordinator collaborates with the department in organizing campus recruitment.

Details of faculty development programmes and teachers who have benefited during the past two years:

- Dr. M.A. Laskar has attended refreshers courses at Osmania University (2006-07) and at JNU (2008).
- Ms. I. Boiss has attended refresher course at NEHU (2007).
- Dr. L.I. Singha and Ms. Y. Choudhury have attended the seminar “Trends in Biochemical Research” at NEHU in 2006.
- All teachers have attended the annual staff development programme in 2006 and 2007.

Participation/contribution of teachers to the academic activities including teaching, consultancy, research etc.

Mr. T. Challam has been involved in Blood donation camps and videography programmes during 2006-7

Collaboration

One P.G. student, Mr. Danny Bosco Shadap of the 2005-2007 batch has done his project work in the ICAR research complex for NEH region, Umiam, Meghalaya under the guidance of Dr. A.K. Tyagi of the Animal Science division.

Placement records

A few examples are provided below:

B.Sc. Biotechnology (Honours):

- Ms. Ranjana Rai (2003 batch): M. Phil at University of Westminster, England.
- Mr. Pynskhembok Swer (2003 batch): Ph D. at JNU, New Delhi.
- Mr. Pyniarlang Nongbri (2003 batch): Ph. D at JNU, New Delhi.
- Mr Arup Kr. Bhaishya (2004 batch): M.S. at University of New Jersey, USA.
- Ms. Pratikshya Borah (2004 batch): M.Sc at Delhi University, New Delhi.

- Ms. K. Malavika Devi (2007 batch) CFTRI, Mysore.

M.Sc Biotechnology:

- **CSIR-UGC JRF-ship & Lecturership:** Mc. Kinnel Mann Lyngwi, Ms. J. Annie Prasanna, Mr. Revinus Nongkynrih, Ms. Aldonna M. Susngi.
- **UGC Lecturer-ship:** Mr. Danny B. Shadap, Mr. Kaushal Yadav.
- **Ph.D. Scholar, ACTREC, and Mumbai:** Mr. Dimpu Gogoi.
- **SRF, ICMR regional centre, Dibrugarh:** Mr. Kaushal Yadav.

Plan of action of the department for the next five years:

Efforts are being made to augment infrastructure for the U.G. course. Proposals have been sent to DBT under the 'Star College in Life Sciences' –scheme.

Proposals for funding from agencies like the UGC, DBT and DST are being prepared for ongoing-research projects, whose objectives are:

- DNA fingerprinting for assessment of Biodiversity.
- Investigation of antimicrobial properties of medicinal plants native to North- East India.
- Conservation of rare and endangered plant species of Meghalaya by tissue culture methods.
- Studies on tumour immunology.
- Development of Algal biofertilizers.

Evaluative Report of Department of Botany

The Department Of Botany is one of the oldest departments in the college. The department has excellent facilities of which the Herbaria collection is one of the very best among colleges in the region. The Department also has a botanical garden. The department of biotechnology began as an offshoot of this department.

Faculty Profile:

Sl. No.	Name	Year of joining	Qualification	Specialization
1	Dr. C.S.Rao	1988	M.Sc., Ph. D	Microbial ecology
2	Dr. (Mrs) J. Sharma	1990	M.Sc., Ph. D	Cytogenetics & Plant breeding
3	Shri A.K.Das	1994	M.Sc.	Plant taxonomy
4	Shri D.Bokolial	2005	M.Sc.	Cytogenetics & Plant breeding
5	Shri S.M. Syiemlieh	2005	M.Sc.	Applied molecular Biology
6	Smt. E. Nongbri	2006	M.Sc.	Plant Taxonomy

There are adequate number of teachers with the essential specialization to handle both the pass class and honours class.

Student profile:

Students need to have the minimum eligibility percentage and good marks in the higher secondary examination. The department also caters to students taking botany as one of the optional subjects. We presently have 24 male and 24 female students majoring in Botany.

Contribution to curricula:

The university appoints some members of the department as members of BUGS and the syllabus committee. Dr. C.S.Rao is a member of the university appointed syllabus committee for the subject of botany and since then has been instrumental in contributing to development and revision of the syllabus.

Student Performance:

The overall passed percentage of students in 2006 and 2007 was 100% and 76.5% respectively. There were 6 rank holders in 2006 and 2 ranks in 2007. In 2006, the 1st class

first rank holder was also awarded the Gold Medal by the university.

Teaching Learning resources:

The Department is equipped with

- An internet enabled computer and printer
- OHP
- Charts and models to buttress the teaching-learning facilities
- The laboratories are also well equipped for this purpose
- A laptop with an LCD projector is also available as shared resources with two other departments from life sciences.

ICT facilities are used to make classroom learning more interesting and communicative. The Internet facilities are available in the department for the faculty, to update themselves with recent developments in the field.

Academic and Personal Counseling:

There is a regular interaction among students and teachers of the department. Faculty are also involved in an informal way in guiding and counselling the students. Teachers also conduct extra classes for students to complete the course.

Details of faculty development program:

All faculty members regularly attend the faculty development programme conducted by the college annually. Smt. E. Nongbri also attended the Orientation course for teachers at UGC-ASC, JNU, New Delhi in 2007.

Contribution to academic activities and consultancy:

Some members of the faculty have been involved in the different academic activities other than teaching.

- Dr. J. Sharma has been regularly teaching in department of biotechnology.
- Dr. C.S.Rao is actively involved in research in the field of plant biotechnology and is a regular resource person for Medicinal Plant Board of Govt. of Meghalaya.

- Dr. C.S.Rao was also a resource person
 - At the national seminar conducted by Synod college on medicinal plants in 2007.
 - At the International Centre for Integrated mountain development (ICIMOD), Kathmandu, Nepal.
 - At Career Academy, Shillong for Civil Services and State services coaching.
 - For the State Council for Science, Tech & Environment, Govt. of Meghalaya.

Student Placement

Students generally are well placed after their graduation. The students opt for jobs in, colleges and schools, public sector, private sector and NGOs. However, a large number of the students pursue higher education and some of them are actively involved in research activities in universities and various government departments.

Plan of Action for next five years

The department collectively resolved to work for the following changes in the next five years-

- Contribution in the Revision of UG syllabus at University level
- Improvement in the college botanical garden and Vermi-composting Unit
- Improvement in the laboratory and departmental library
- Preparation of Degree study materials for practical and theory
- Enrichment of departmental Herbarium
- Plan to start a small course in Floriculture/ Medicinal plants/ Mushroom culture/ Tissue culture

Other Highlights

The department of botany is proud of the spirit of Unity, Co-operation and helpfulness prevalent among the staff members. The Teachers have been regarded most helpful and

cooperative by the students. Students are regularly taken for field study, Seminar and made to involve in celebration of World environment day. With the help of the faculty students contribute and maintain the wall magazine of the department. The botanical garden with its array of floral diversity is a pride of the department particular and the college as a whole.

Evaluative Report of the Dept. of Business Administration

The department of Business Administration was established on the 6th June 1998. When it was launched, it was the first course of its kind in Meghalaya and also of many states in the North East of India. This course is affiliated to the North Eastern Hill University. It was tailored along the patterns followed by the best institutes in the country. Today, there are 4 colleges offering this course in the University. This course is aimed at preparing the student to take up managerial positions with greater confidence and hone their life skills for the challenges ahead.

The department collaborates with the department of Commerce and Computer Science.

Faculty Profile:

Sl.No.	Name	Year of joining	Qualification	Specialization
1	Aibankit L Warjri	1999	MBA	Marketing
2	David F Marbaniang	2002	M.Com	Entrepreneurship Development
3	Pynshongdor L Nongbri	2004	MBA	Finance
4	Navneet Tedwal	2007	MBA	Human Resource

Adjunct Faculty:

- Dr. Narayan Chandra Bharali (Dept. of Commerce)
- Albis A Basumatary (Dept. of Mathematics)
- M A Basu (Dept. of English)
- T C L Kharmujai (Dept. of English)
- V K Jindal (visiting lecturer for Business Law)

Student Profile :

The department accepts students from all streams (Arts, Science and Commerce). The admission is on the basis of an entrance test or aptitude test. In addition, the candidate has to score at least 55% in the aggregate at the Class XII.

Overall number of male and female students in the department inclusive of 1st, 2nd and 3rd years is 29 males and 37 females for a total of 66.

Contribution to curricula:

The syllabus of the department is being reviewed and all faculty members are involved towards this process at the college level. However, two faculty members are a part of the Syllabus Review Committee at the university level, where the process for review is currently on. The changes will be effective from the academic year 2009-10.

In terms of career courses/ short term courses/ others, the department has framed the syllabus of communication skills development, , entrepreneurship, organisational behaviour, business ethics and also contributed to the framing of the syllabus for e-commerce.

Student performance:

The department has been having 100% pass percentage for all outgoing batches from the time of its inception. In 2006, the department secured 5 ranks while in 2007 it secured 4 ranks. The Gold medal for both these years were awarded to the students of this department.

Students and teachers alike contribute towards the wall magazine on a regular basis on a variety of topics.

The students were taken for exposure trips to the Rapsang Group of Industries located at the Umiam Industrial Estate and an educational tour to Orissa was arranged for the third year students in December 2007.

Teaching and Learning resources

The department has a departmental library which mainly caters to the faculty and occasionally to the students on a 'need basis'

At present, the department has one desktop computer complete with printer in the staff room. It also has one laptop and one LCD projector which is extensively used for classroom teaching. Coupled with this, it also has a projection screen fitted in one of its

classrooms. In addition to these, the department is already in possession of an Overhead Projector, which is also extensively used.

Group discussions, case studies, project assignments and presentations, book reviews, role play and industry exposure are some of the methods utilised in the teaching learning process. In all seminars and presentations (whether done individually or as a team), the stress is on the use of PowerPoint presentations. For projects, students are encouraged and guided to use the internet to access and analyse the information. Final year students have a paper on information technology.

Participation of teachers in academic and personal counselling of students.

Apart from guiding students in their academic projects for different papers, the faculty members also counsels students on further studies for their careers. In fact, two of the faculty members are actively involved in career counselling not only within the college but also in other programmes organised by other organisations.

Details of faculty development programmes.

- A L Warjri, Seminar on Cooperative Learning and the Salesian Style, Universidade Catolica De Brasilia, Brazil, March 2008.
- A L Warjri, Orientation Programme, Jamia Millia Islamia, New Delhi, 2003
- A L Warjri, Refresher Course at Pondicherry University, 2006
- D F Marbaniang, Orientation Programme at Madras University, 2006
- D F Marbaniang, Refresher Course at NEHU, 2007
- D F Marbaniang, National Seminar on convergence of commerce education, NEHU, 2006
- P L Nongbri, Refresher Course at NEHU, 2007
- P L Nongbri, National Seminar on Industrial development in North Eastern Region, 2005

Besides these, all members of faculty attend and actively take part in the Staff development programmes held by the college, every year.

Consultancy

- A L Warjri is a member of the School of Management and Information Sciences in the North Eastern Hill University.
- A L Warjri is a member of the Board of Under Graduate Studies, for Business Administration NEHU
- D F Marbaniang, resource person and coordinator at Career Expo, 2005 and 2006
- D F Marbaniang, resource person at 'the future and career of youth of Meghalaya' 2005
- D F Marbaniang, resource person for communication skills and personality development programmes of the SDS, St. Anthony's College, every year.
- A L Warjri, resource person for communication skills and personality development programmes of the SDS, St. Anthony's College, every year
- A L Warjri, resource person for 'coaching programme for MBA' for SDS, St. Anthony's College, every year
- A L Warjri, resource person for 'entrepreneurship development programmes' organised by the MIDC for the years 2003 – 2007.
- A L Warjri, resource person for 'coaching programme for probationary officer' North Eastern Hill University, 2007-08

Student Placement records

Campus placement is managed by the Placement Officer attached to the Student Development Services of the college. Please check the page on 'Campus Recruitment' for details on this information.

Plan of action for the next five years

- This department is in the process of revising the current syllabus, which will reflect the current needs and practices. We are glad to inform that the process is already underway and the new syllabus is likely to be introduced in the coming

academic year 2009-10. Two faculty members are a part of the Committee responsible for reviewing the Business Administration syllabus.

- To continue with monitoring and continuous assessment techniques employed so far and further refine the methods and expand its usage.
- The department has access to its own staff computer system with broadband internet connectivity. This will further assist us in the preparation of reports, test marks, attendances, question papers (question bank), accessing information and so on.
- To further enhance the departmental library with a wider choice of reference books and text books.
- To set up an effective academic calendar that will allow all members (staff and students) to have a clear picture of what lies ahead for each one.
- Ensure that students of all the three years are actively involved in project work and presentations, both at the group and individual level. The projects are meant to allow the students to interact with real life situations (practice) and observe how various theories studied were/can be applied in reality.
- To ensure that students use information technology in their access of information and also in presentations.
- To seek more class participation (either through case discussions or questions and answer sessions) to ensure that every student gets the opportunity to open up and express their thoughts and ideas freely. This also causes them to begin to critically analyse various situations, suggest probable solutions and seek for justification in all that they try to communicate.
- Another technique that was used in internal assessment test was the implementation of 'open book' exams. Understanding was the primary focus of this technique. We plan to use more of this technique in the coming years.

- The department will seek to finally set up a management students forum, managed and run by the students, with the guidance and assistance from faculty members.

Evaluative Report of Department of Chemistry

The Department has faculty members who have undergone Post Doctoral training in France, Canada and USA.

Faculty Profile:

Sl. No.	Name	Year of joining	Qualification	Specialization
1	Dr. B. Das	1974	Ph. D	Inorganic
2	Dr. M. Das Gupta	1980	Ph. D	Inorganic
3	Dr. E. Karim	1980	Ph. D	Organic
4	Dr. J. N. Viswakarma	1982	Ph. D	Organic
5	Dr. B. L. Marwein	1984	Ph. D	Physical
6	Dr. P. C. Paul	1993	Ph. D	Inorganic
7	O. G. Singh	2005	M. Sc.(NET)	Physical

Profile of students:

Present Student (Honours) Strength: Total 7 students; 6 boys and 1 girl.

Admission Criteria: Higher Secondary (Science) passed with 60% marks in chemistry and 50% marks in Mathematics.

Contribution to Curricula:

Three teachers of the Department are members of the Board of Under-graduate Studies in Chemistry and were involved in the revision of the BSc Chemistry (Honours) syllabus during 2006-07.

Student Performance:

The pass percentage of Honours students in 2006 was 100% and in 2007 was 50%. One University rank in both years was held by students of the Department. Students of the Department maintain a Wall Magazine as a co-curricular activity.

Teaching-Learning Resources

The Department has access to OHP and LCD and internet-enabled computer. It has got a library and two laboratories.

Details of faculty development programmes

All teachers participated in the faculty development programmes organised by the college in 2006 and 2007.

Consultancy

Two of the faculty members, Dr. B. Das and Dr. M. Das Gupta were given confidential assignment by the State Public Service Commission while Dr. P.C. Paul was given similar assignment by the NCERT.

Plan of action of the department for the next five years

- Augmenting Infrastructure (Equipments, Instrumentation, Sophisticated Instrument)
- Departmental Library (Procuring new books.)
- Teaching and Learning (Regular holding of class tests and constant monitoring of the students performance, Regular students Seminar)
- Preparation of course material and manuals etc.

Other Highlights

Teachers of the Department are involved in research in advanced areas of organic chemistry. The thrust areas of research are:

- Development of newer synthetic strategies for biologically important molecules.
- Green approach to organic chemistry.
- Hetero-ligand-peroxa complexes and their applications.

The Department has completed a project titled: “ A new class of potential insecticides and pesticides: synthesis and biological properties of tetrahydropyrimidines”. The World Bank-ICAR-NATP-CGP-II funded it.

Teachers of the Department were involved in the improvement of infrastructure in the botanical garden of the College. The fund for this work was received from the Ministry of Environment and Forests, GOI.

Evaluative Report of the Dept. of Commerce

The Department of Commerce was established on the 1st of July, 1948. This was one of the first innovative ventures of the college at that time. It pioneered the introduction of Commerce education in Shillong, which was then the capital of the undivided Assam. Over the years, this department has grown from strength to strength and has built up a name, credibility and recognition for itself and the institution. The course today is one of the most highly demanded courses in the university.

Faculty Profile:

Sl.No	Name	Year of joining	Qualification	Specialization
1	O. Shanpru	1982	M.Com	Accountancy
2	Y. Satya	1986	M.Com, M.Phil. Ph.D	Accountancy, Management
3	N.C.Bharali	1988	M.Com, Ph.D	Accountancy
4	S.K.Pradhan	1992	M.Com	Accountancy
5	A.S. Kharbuli	2007	M.Com	Accountancy

Adjunct Faculty

- A.I.Saharaj, K.K. Singh, K.S.Rajput, S.K.Mondol from Department of Economics;
- T.Subedi, J.M.Sun, W. Nongbsap from Mathematics department;
- S.K. Jindal for Business Law;
- A.L. Warjri and N. Tedwal from department of Business Administration;
- A.B. Chakraborty, M. Barua and S.Dey of Statistics department as well as from English department.

Profile of Students:

The minimum requirement(s) for admission of students to this course is class XII and who have secured at least 55% at the qualifying examinations.

At present the overall number of students for the Academic year 2007-2008, are 455 students, consisting of 292 males and 163 females.

Contribution to Curricula

- Introduction of UGC Sponsored career oriented courses in Accounting Practices, e-Commerce and Income Tax Practices.
- Faculty members of the department are actively involved in the revision of the syllabi of NEHU and the HOD is the member of the BUGS which streamlines the syllabus in line with UGC recommendations.
- More application of modern techniques.

Students performance:

- 2006: Passed percentage 89.3 %; Ranks: 2,6,8,9 & 10.
- 2007: Passed percentage 94.2 %; Ranks: 1,2,3,4 & 9.
- Toppers of the university results are regular features.

The pass percentage of the department is always above the university percentage.

Teaching Learning Resources:

- Departmental library, Computers and OHP.
- Extensive use of ICT and Information downloaded from the internet.
- Latest economic and commercial information display in notice boards.
- Annual study tours for IIIrd year students.

Academic and Personal Counseling:

All members of the faculty are actively involved throughout the year which also included counseling of further studies to final year students.

Details of faculty development program:

All members of the faculty participated at the Staff Development Programmes in the year 2006 and 2007.

Contribution to Academic activities and consultancy:

Dr. Y. Satya is the member of the School of Management and Information Sciences.

Student Placement:

All placement for final year students is handled by the Students Development Services (SDS) which has a full time Placement Officer. A number of our students have been placed through this cell. For details, please look at the 'Campus placement' information at the end of this report.

Plan of action for next five years:

- Certificate courses for employed personnel,
- Introduction of PG courses,
- Expansion of Career Oriented Courses,
- Preparation of Audio-Visual Course materials.

Other highlights:

- Specimen copies of published books are kept in the departmental library.

Evaluative Report of Department of Computer Science

The Department of Computer Science a full time B.Sc course with honours in Computer Science. The department is the only one under the affiliating University to conduct the Master of Computer Applications (MCA) course with approval from AICTE. In addition to this, the department runs part time courses – Post Graduate Diploma in Computer Applications (PGDCA), DOEACC ‘O’ Level, Cisco Certified Network Associate (CCNA), UGC approved career oriented add-on course in E-Commerce and Desktop Publishing, apart from many other short term courses. In fact, the College is ranked as one of the top 10% institutes countrywide conducting ‘O’ Level Course by DOEACC Society.

The department also collaborates with the departments of Mass Communication, Commerce, Business Administration, Biotechnology, Mathematics, Statistics and Music to conduct computer related papers for the students from these departments.

Faculty Profile

Sl. No.	Name	Year of joining	Qualification	Specialization
1.	Basav Roychoudhury	1997	M.Sc, PGDCA, (Ph.D)	Mobile Computing
2.	Dr. Anjan Das	1998	Ph.D	Data Mining
3.	Lemuel Rapsuk	1994	B.E.	Computer Architecture
4.	Probidita Roychoudhury	2001	MCA	Relational Database
5.	Aiusha V Hujon	2001	M.Sc	Operating System
6.	Medari J Tham	2002	MCA	Object Oriented Programming
7.	Kesterlee Syiemiong	2003	M.Sc	Programming
8.	Gypsy Nandi	2004	M.Sc, (M.Phil)	Image Editing
9.	Fr. Sagi Stephen	2005	M.Sc	Networks
10.	Fr. Joby Joseph	2008	M.Sc, (Ph.D)	Nano Technology
11.	Vijay Prasad	2008	M.Sc	-
12.	Fr. Joseph Nellanatt (on lien)	1987	M.Sc, PGDCA	Programming

Sl. No.	Name	Year of joining	Qualification	Specialization
13	Thoudam Doren Singh (on lien)	1998	B.Tech, (Ph.D)	Natural Language Processing

Adjunct Faculty

- Dr. Narayan Chandra Bharali (Dept. of Commerce)
- Dr. Padmini Bhattacharjee (Dept. of Mathematics)
- Aibankit L Warjri (Dept. of Business Administration)
- Anjalu Albis Basumatary (Dept. of Mathematics)
- Machunwangliu Kamei (Dept. of Mass Communication)

Student profile:

The minimum qualification for the students admitted to B.Sc is Higher Secondary, and passed mathematics at that level. The competency of the student in terms of their skills in mathematics and reasoning ability is tested through an entrance examination.

The minimum qualification for admission to MCA is a bachelors degree in any stream, having passed mathematics at the higher secondary level. This is as per the AICTE norm for admission to MCA. Their reasoning and numerical ability is also ascertained through an entrance examination.

The admission to PGDCA is open to graduates from any stream (preference given to students with science and commerce background). The DOEACC 'O' Level course is open to all the students who have completed their higher secondary. The admission to both these part time courses is done after ascertaining the aptitude of the student through an entrance test and/or interview.

For the CCNA course, the admission was done on merit basis.

The department currently caters to 147 regular students – 105 males and 42 females.

Contribution to curricula:

The department of Computer Science of St. Anthony's College has made major contribution to computer education in the state of Meghalaya. The department was

instrumental in introducing computer science at higher secondary and degree level in the state. Just last year, the department pioneered the MCA course under the North Eastern Hill University.

The Syllabus for MCA, PGDCA and the UGC Approved Career Oriented Add-on Courses in Desktop Publishing were entirely made by the faculty of the department. The UGC approved add-on course in E-Commerce has a major computer science related component, which was designed by the department.

The syllabi of Desktop Publishing & Multimedia and the computer related papers of Media Technologies were revised in 2007 and 2006 respectively.

Apart from these, the faculty of the department is actively involved in recent revision of syllabi for classes VIII to X of Meghalaya Board of School Education, and B.Tech (IT) and B.Tech (ECE) of North Eastern Hill University. Two members of faculty are also associated with NCERT in latter's initiative for designing and upgrading computer courses at higher secondary level.

In addition to developing and upgrading syllabi at different level, the department has also tried out innovative approaches towards teaching and learning methods. Student seminars with peer evaluation, group studies by students, etc. are some of these.

Student Performance:

The department had a pass percentage of 100% for last two years. In 2006, the department secured 4 out of 5 declared by the university. In 2007, the number was 8 out of 10.

To facilitate students to catch up with the recent trends in computers, they are encouraged to maintain a wall magazine that covers various recent topics in the area of computer science. This wall magazine is specially maintained by the students of first year, many of whom do not have any background in this area, thereby motivating them to catch up.

Teaching Learning resources:

The department has built up a library of reference books mainly for the faculty with contributions of complementary copies received by them. The students, especially for their projects, also use this. The project reports submitted by the students over the years

have grown up to a repository of program codes – which is used by the students for reference.

The department has four of its laboratories equipped with LCD projectors. The MCA classrooms are also fitted with LCD projectors. Slide presentation is a regular feature of classes conducted by the faculty as well as seminars presented by the students.

Though not always part of the curriculum, the department has incorporated seminars, assignments based on new topics, peer teaching, peer evaluation, group studies, open-book test, etc. in its teaching learning process.

Academic and Personal Counseling:

As part of the curriculum, B.Sc, MCA, and Career Oriented course students have to carry out software development project. To assist them in these, each student is assigned a guide from among the faculty of the department. An annual parent-teacher meeting is organised in which parents are briefed about the performance of their ward and he various programmes of the department. The faculty is also involved in career guidance and placement assistance to the students.

Details of faculty development program:

- Basav Roychoudhury, Refresher Course, Tezpur University, 2006-07
- Probidita Roychoudhury, Refresher Course, Tezpur University, 2006-07
- Medari J Tham, Orientation Course, North Eastern Hill University, 2006-07
- Aiusha V Hujon, Orientation Course, North Eastern Hill University, 2006-07
- Basav Roychoudhury, CCNA Training for Trainers, Cisco Regional Academy – Amritha Vidyapeetham, 2007-08
- Fr. Sagi Stephen, CCNA Training for Trainers, Cisco Regional Academy – Amritha Vidyapeetham, 2007-08

In addition to above, all faculty of the department attends the annual Faculty Development Programme held by the College.

Contribution to academic activities and consultancy:

- Fr. Joseph Nellanatt, Consultancy for upgradation of Computer System, Nazareth Hospital, 2007-08
- Fr. Joseph Nellanatt, Consultancy for Lab Setup for St. Peter's School, Nongstoin, 2007-08
- Basav Roychoudhury, Consultancy for Lab Setup, Dept of Maths, North Eastern Hill University, 2007-08
- Basav Roychoudhury, Resource Person, Refresher Course in Maths, UGC-ASC North Eastern Hill University, 2007-08
- Anjan Das, M.Phil Research Guide, Madurai Kamaraj University, 2007-08
- Medari Janai Tham, Resource Person at Career Expo, SDS, St. Anthony's College, Shillong, 2007-08
- Fr. Joseph Nellanatt, Resource Person at Staff Orientation Programme on Linux, IQAC, St. Anthony's College, 2007-08
- Thoudam Doren Singh, Resource Person at Staff Orientation Programme on Linux, IQAC, St. Anthony's College, 2007-08
- Lemuel Rapsuk, Resource Person at Career Expo, SDS, St. Anthony's College, Shillong, 2006-07
- Basav Roychoudhury, Resource Person at Career Expo, SDS, St. Anthony's College, Shillong, 2006-07
- Fr. Joseph Nellanatt, Member, Meghalaya State IT Task Force, 2006-07

Collaboration:

- The department conducts Teachers' Training Course in collaboration with the North Eastern Council (NEC), Govt. of India, to build up necessary manpower for Computer Education at school level for the entire north eastern region of the country.

- There is an agreement with Controller General of Accounts, Department of Expenditures, Ministry of Finance, Govt. of India, to conduct training programmes for their personnel for a period of three years.
- *North East School on Computational Geometry* – a regional workshop held in collaboration with Indian Statistical Institute, Kolkata

Student Placement

Many of the students of the department have got placement in reputed organisations like TCS, Google, HSBC, etc., thanks to the Placement Cell of the College. For details on this, please refer to the report of the Cell.

Plan of Action for next five years

- Revision of B.Sc syllabus in the year 2008-09
- Starting of more industry certification courses – like Microsoft, Redhat Certifications, etc.
- Developing into a Cisco Local and subsequently Regional Academy
- Using the service of Cyber Club (detailed below), make all the students of the College computer literate.
- Starting Oracle Certification programme immediately.
- As ongoing out-reach programme, train students of at least 10 more schools/villages
- Set up a parallel computing facility to aid in research in the subject.
- Initiate research based projects in the department
- Subscribe for online access to reputed journals in computer science
- Initiate process to develop Computer Based Tutorials (CBTs)
- Take up pro-active steps to help improve computer teaching at school level by soliciting feedback from school teachers and thereby assisting them to overcome their difficulties
- Intranet based assignment system

Other highlights

The students of the department had formed a club – the Cyber Club, which is in its 15th year now. The activities of this club include organising seminars on new innovations in computer science, conducting courses on computer literacy to non-computer science students of the college, etc. Their computer-literacy course is of great demand for other students of the college – they can get a quality course at only Rs 50/-.

The members of Cyber Club had recently trained a selected group of FAEA scholars from all over the country under the auspicious of Foundation for Academic Excellence and Access (FAEA), New Delhi.

During the last two years, the Cyber Club has conducted computer literacy programmes for children in rural area, aiding in bridging the digital divide in a very humble way. For this, the members of Cyber Club went to villages with the necessary teaching aids (computers, LCD projectors, UPS, etc.) and stayed there during the course period. Indian Science Congress Association (ISCA), Shillong Chapter, funded these rural computer literacy programmes.

The department has over the years developed expertise to design and maintain its own computer network. The faculty of the department take care of the maintenance of equipments, thereby saving on the cost of AMC, service personnel, etc. Since last five years, the department has been even assembling the necessary computers and servers in-house, after purchasing the latest components. This allows the department to obtain many more computers within the available funds, and also simplifies the process of maintenance of hardware. The short-term courses run by the department, apart from spreading computer literacy, also generates valuable funds for the department.

In addition to departmental computers, all other computers of the College are also assembled and maintained by the department. The department has designed and implemented the wi-fi network of the college in 2007. The College website is also designed and maintained in-house.

Evaluative Report of Department of Economics

The department of economics came into being with the inception of the college. The department has an excellent track record with students securing ranks in every annual university examination. Students of the department are well placed in different walks of life. The faculty has talent, desire and motivation to achieve excellence in all spheres of academic activities.

Faculty Profile:

Sl.No	Name	Year of joining	Qualification	Specialization
1	S.K.Mondal	1977	M.A	Monetary Eco. & Banking
2	K.K.Singh	1988	M.A	Econometrics
3	A.I. Sahayaraj	1990	M.A, M.Phil	Qualitative Techniques & International Economics.
4	K.S.Rajput	2000	M.A, Ph.D	Population and Environmental Economics.
5	G.D. Pyrtuh	2007	M.A.	Qualitative Techniques
6	C.M.Swer	2007	M.A.	Qualitative Techniques

The department has experienced and competent faculty to deal with the curriculum. The number is adequate as of present.

Profile of Students:

The students are admitted to the honours course on the basis of an Entrance Test conducted by the college in which their aptitude in Mathematics and Economics is tested.

The total strength of the students in all the three years of under-graduate Honours course is 141, out of which 68 are males and 73 females.

Contribution to Curricular:

Most of the faculty members are part of the various committees set up by University for the purpose of revising the syllabus, some of them are members of the Board of Under-graduate studies, Moderation Board, Evaluators, Scrutinisers of university examinations etc.

Students performance:

The students have been performing well in the university examination. In the year 2006 the department recorded pass percentage of 92.98 %; with one rank. Like-wise in 2007 the pass percentage was 97.61 % with two ranks. The pass percentage of the department has always been higher than the university percentage inspite of the large number of students who are admitted into this course in the college.

Teaching Learning Resources:

The department has a good base for teaching-learning resources. These resources include the departmental library, internet-enabled computer with printer, OHP, etc. The Laptop and LCD projector is made available whenever required.

Academic and Personal Counseling:

On the basis of class tests and the terminal test and responses in the classroom teaching the advanced and slow learners are identified and efforts are made by the faculty members to address their needs. Personal counselling is rendered as and when required by the students.

Details of faculty development program:

All members of the faculty always participate in the annual Staff Development Programme organised by the college.

Contribution to Academic activities and consultancy:

Members of the faculty are involved in various academic activities besides their usual classroom teaching. These include among others publications, extension lectures consultancy etc.

K.K.Singh:

Publications: The Power Scenario in Meghalaya: Nature and Statement of Problem; Environmental Resource Base and Sustainability: A case Study of North Eastern Region with special reference to Meghalaya.

Membership: Organising Secretary of the Meghalaya Economic Association; Life member of the North East Economic Association.

Prof. K.Singh Rajput:

Publications: Safe Motherhood – A Human Right Issue; Development of North-Eastern region: Some Issues to Ponder; Population and Educational profile of Meghalaya; Traditional Knowledge and IPR. A Study of Sectoral Development of Assam: Retrospect and Prospect.

- Life Member of the Indian Association for the Study of Population (IASP),
- Life member of the North East Economic Association, Guwahati,
- Annual member of the Meghalaya Economic Association, Shillong,
- Secretary, Centre for Sustainable Development and Research (A non-profit research oriented voluntary organisation)

Student Placement:

Placement of students for the college is done by the placement officer in the SDS.

Plan of action for next five years:

New courses, syllabus, augmenting infrastructure, departmental library, use of ICT.

Other Highlights

- Prof. K.K.Singh in collaboration with Meghalaya Economic Association published class XI textbooks for MBOSE.
- Prof. S.K.Mondal attended workshop cum teachers training in Bangalore.
- Prof. K.S. Rajput attended Summer course in Belgium, 2 National seminars.
- Prof. A. I. Sahataraj attended National Seminar in Madurai.

Evaluative Report of Department of English

The Department of English was also one of the pioneer courses set up on this same year. Thus on 18th June 1934, the Department of English was established. Over the years, it has had various luminaries such as late Mr.Martin Narayan, late G.G. Swell and the illustrious Fr. N. J. Kenny. The Department was the first to have honours at the graduate level and has a inter- disciplinary approach with B.Com, B.Sc, Business Administration, B.A., Mass Communication, and Media Technologies. Another asset to the department is the presence of the Language Lab. Since then the Department have grown into a full fledged faculty with this profile:-

Faculty Profile:

Sl.No.	Name	Year of joining	Qualification	Specialization
1	Dr.John Joy	1981	M.A, M.Phil, Ph.D	Modern Fiction & Criticism
2	Mrs.Ena Nicoll	1986	M.A	Fiction & Drama
3	Mr.Timothy Subba	1987	M.A	Fiction & Comm. English
4	Mr.Tonny C. L. Kharmujai	1987	M.A	Fiction & Poetry
5	Mrs.Mandakini Basu	1994	M.A	Indian Writing in English
6	Mrs.Cathy Saiborne	2001	M.A, PGDTE	Comm. Eng & Eng for Comm.
7	Miss Erica Mary Jyrwa	2001	M.A, M.Phil	American Poetry

The Department Members contribute to the growth of two other departments namely:-

1. Media Tech. 2. Mass Comm. (Ms. C. Saiborne, Ms. Rose Mary, Mr. T. Subba)

Student Profile:

At present, there are 108 honours students in English, across all the three years. The number of male students is 28, and that of females is 80.

The Pass percentage recorded for the year 2006 was 100% and that for 2007 was 88%.

The Department participated in the Literary Fest organized by Deptt. of English, NEHU, in 2007. The third year honours students participated in a Literary Quiz Competition,

securing second place. They also participated in the North East Poetry Festival, ENSEMBLE, 2006.

Teaching Learning Resources

The teaching learning resources of the department include a departmental library, the central library, Language lab, computers, laboratories, and other resources e.g. laptop, O.H.P's, LCD's etc.

Academic Counseling:

Teachers participate in academic and personal counselling of students, especially those who are slow learners.

Faculty Development:

Teachers who have benefited from the faculty development programme include all the faculty members. Miss. E.M Jyrwa and Mrs. C. Saiborne attended refresher course in 2006 and 2007 respectively. Mr. T. Subba and Mrs. C. Saiborne have also provided consultancy during this period.

Plan of action for next five years:

The plan of action for the next five years includes the following: -

- Using modern and innovative methods in teaching, keeping in mind the changing needs of the time
- Organising academic sessions among the faculty members and students from time to time.
- Organising field trips to places of literary importance.
- Acquiring audio and video CDs on related subjects.

Other Highlights

A Workshop was conducted by Mrs. C. Saiborne on the theme *Syllabus & Examinations* in the year 2006 and Mr. T. Subba conducted the same in the year 2007.

Evaluative Report of Department of Geology

The department of Geology was established on the 13th June 1985. This is a full time B.Sc course with honours in Geology and it is affiliated to the North Eastern Hill University. It is a professional course that is aimed at preparing students for careers in the oil, petrochemical and mining sectors. In addition, it also provides the students with a strong theoretical and practical foundation to enable them to pursue an academic career in Earth Sciences.

Faculty Profile:

Sl. No.	Name	Year of joining	Qualification	Area of specialization
1.	Ashrofuiddin Ahmed	1987	Ph.D	Economic geology, Indian stratigraphy
2.	John Jude Dickie	1988	Ph.D	Petrology, Structure
3.	S Sensarma	1990	Ph.D	Petrology
4.	Jennifer J Wahlang	2006	M.Sc.	Structure and environmental geology

Student Profile :

The department admits students from science stream. In addition, the candidate has to score at least 55% in the aggregate at the Class XII. Admission is normally on a first come-first served basis, provided the student meets the eligibility criteria. The total capacity for intake is 30.

There are 10 male and 4 female students in the department.

Contribution to curricula:

Three faculty members of the department are also members of the Board of Under Graduate Studies (BUGS). They have been involved in the upgradation of the geology syllabus that was revised in 2005.

Student performance:

The department has achieved 100% pass percentage for all outgoing batches for the last two years.

Students and teachers alike contribute towards the wall magazine on a regular basis on a variety of topics related to geology.

The students were taken for field trips every year.

Teaching and Learning resources

The department has a departmental library, which is in the process of being enhanced. At present the departmental library consists of a few books and a lot of old journals. Recently, a few useful books were added to the library book section of geology in the main library.

The department has one desktop computer complete with printer in the staff room. The department is also equipped with a laboratory of its own which is being utilised for its practical classes.

The teaching methods adopted (other than the lecture method) are through fieldwork, mutual interaction, supporting video cassettes, wall magazine assignments, courseware modules and continuous evaluation.

Participation of teachers in academic and personal counselling of students.

The teachers are involved intimately in creating a friendly and close relationship among the students, alumni and the teachers themselves. Faculty members constantly encourage the students to focus on hard work required for success. They frequently counsel the student for higher studies and other competitive examinations while also giving them access to relevant study materials for various entrance tests and examinations/interviews..

Details of faculty development programmes.

- S Sensharma : Was a resource person in a field workshop at Dongargarh, Madhya Pradesh, 2001
- S Sensharma : Attended the Goldschmidt Conference where he presented a paper, at Oxford, UK, in 2000
- S Sensharma : Attended the 'Annual conference of the German Mineralogical Society where he presented a paper, in Vienna 1999

- S Sensarma : Attended a programme at JNU, New Delhi, on 'Analytical Techniques for rock analysis, Jan-April 1996
- In addition, All faculty members have attended the requisite orientation and refresher courses conducted by various Academic Staff Colleges of different universities in India.

Besides these, all members of faculty attend and actively take part in the Staff development programmes held by the college, every year.

Contribution to the academic activities / including teaching, consultancy, etc.

The faculty members have been regularly involved in evaluation/ examination/ academic works of different universities and public service commissions. As members of BUGS, they were responsible for the syllabus review on an annual basis.

Collaboration

None. However, research is a significant activity and the thrust areas of the department at present are:

- Dr. S Sensarma, who is actively involved in petrology, i.e. mantle problems
- Dr. A Ahmed who is personally interested in data collection of economic minerals of North East India and their utilities.

Student Placement records

A small number of alumni, after completing higher studies were absorbed in geological and other organisations such as GSI, AMD, DMR, Coal India Ltd., ONGC, OIL, Central Ground Water Board, Hindustan Construction, MeSEB and others.

A larger number who have or have not gone on for higher studies have found gainful employment as teachers, bankers, army/police and forest officers.

Some of our students have started their own business while some are involved in NGO activities.

As a practice, staff members always remind our students to be ready to take up any kind of job and not totally rely only on geological types of jobs.

Plan of action for the next five years

- Procure different geological software /equipment like a projection microscope, a good quality microscope like Zeiss, a number of aerial photographs/ mineral / rocks, fossils for better performance in both teaching – learning processes.
- To have a slide preparation machine and accessories
- To establish a departmental library that will benefit both the teacher and the taught.
- To establish a modern laboratory for the study of aerial photographs, geological software and others
- To go for field studies to the different parts of India, especially Singbhum Shear Zone in Jharkhand, parts of Orissa, Karnataka and Rajasthan.
- Invite guest lecturers from different organizations for discussion on current topics.
- Hold popular talks/ exhibitions with the help of related geological organizations.
- Impart a sound foundation in geology at under graduate level to prepare the student for higher studies.

Other highlights:

The research papers of Dr. S Sensarma were accepted in International seminars in Brazil and Italy, organized by the International Geological congress. He has presented a paper in the International Seminar at Scotland organized by the American Geophysical Union.

Evaluative Report of the Department of Hindi

Hindi is offered as one of the Modern Indian Language (MIL) in lieu Alternative English to all the undergraduate students.

Faculty Profile:

Name of faculty	Year of joining	Maximum qualification	Area of specialization
Ms. Filmeca Marbaniang	2002	M.A.	Premchand.

Student Profile:

Since the subject is not offered as an honours paper, the admitted students are at liberty to choose Hindi as one of the MIL option. At present there is only one student who has opted for Hindi as his MIL.

Contribution to curricula:

As a member of the Board of Under Graduate Studies, the faculty is actively involved in the curriculum design undertaken by the university.

Faculty Development program:

- The faculty regularly attends the annual staff development programme organized by the college
- Refresher Course organized by UGC-ASC, NEHU, 2007

Plan of action for the next five years:

With Hindi being offered at the PG level by the affiliating university, the department feels that the college should take the initiative to start the honours course in Hindi. The syllabus for the honours course has already been prepared by NEHU.

Evaluative Report of the Department of History

The Department of History was established on 5th January 1934. This was one of the pioneer courses that the college had started when it was first established.

Faculty Profile

Name	Year of joining	Qualification	Specialization
1. Purabi Datta (Talukdar)	1984	M.A. (History)	Modern India and NE India
2. Lydia Bang	1989	M.A. (History)	Modern India and Europe
3. Shelter Field Kynta	1992	M.A. (History)	East Asia and Modern India
4. Banwan Shaphrang Lyngdoh	1998	M.A. (History)	Modern and Ancient India

Student Profile:

The total number of students is 103 with 37 females and 66 males.

Contribution to curricula:

Among the faculty some have been members of the Board of Undergraduate Studies, NEHU to contribute to the change of curriculum.

Student performance:

The pass percentage recorded for the year 2006 was 97% and 2007 was 88% which is always much higher than the university pass percentage in the subject.

Teaching and Learning resources

The Department organised seminars and group discussions on current events and relevant topics. It started a Wall Magazine with the active participation of the honours Students. The learning resources of the department include a departmental library, internet-enabled computer with printer. The OHP, laptop and LCD projector is available as and when required from a central source.

Participation of teachers in academic and personal counselling of students

As of now, career, academic and personal counselling is done at the departmental level besides the counselling available at the Student Development Service.

Details of faculty development programmes.

All the faculty members regularly attend the Staff Development Programme conducted by the college annually. Mr B. S. Lyngdoh also attended two Refresher Courses one in 2006 and the other in 2007.

Contribution to the academic activities / including teaching, consultancy, etc.

One of the faculty member Mr. S. F. Kynta is a regular resource person at MATI, Shillong for the Civil Services Coaching classes in 2006 and 2007. He was also involved in the Syllabus Revision Committee appointed by the university for revision of syllabus in History in March, 2006.

Plan of action for the next five years

- Achieve a hundred per cent success in the final university examination
- Use of ICT in the classroom to make teaching of History interesting and effective.
- Organise seminars and workshops and academic competitions like quizzing, debate etc. to generate awareness on current issues and sharpens students' aptitude to the subject.

Evaluative Report of the Department of Khasi

The Department of Khasi was established on the 6th April, 1935. In these years, Khasi language was taught as a Vernacular subject under the Calcutta University. It was a dream and vision of Rev. Fr. Joseph Bacchiarello, former Principal of St. Anthony's College to upgrade Khasi Vernacular up to the honours level. When the Gauhati University was formed, all the institutions in Meghalaya were affiliated to it. During the Headship of Prof. R. S. Lyngdoh in the year 1960, he along with the help and support of Rev. Fr. Joseph worked hard to convince the then Vice-Chancellor of Gauhati University to upgrade Khasi language from a Vernacular course to Modern Indian Language (Elective) and later on, to full-fledged honours subject.

Faculty Profile:

Sl. No.	Name	Year of joining	Qualification	Specialization
1	Ms. Patricia Syiem	1983	M.A	Literary Criticism
2	Ms. Violet R. Synrem	1993	M.A, M. Phil.	Poetry
3	Mr. Rollingstone Wankhar	2004	M.A, M. Phil.	Poetry & Folklore
4	Mr. Thomlin Lynshing	2008	M.A	Culture

Guest Faculty:

- Ms. Rosa Mystica Mawlong,

Student Profile:

The students admitted in the Department must obtain 55% and above in the Higher Secondary School Leaving Certificate (HSSLC) Examination.

At present the total numbers of students enrolled in the Department are 60 (25 boys and 35 girls respectively)

Contribution to Curricula:

The faculty members of the Department involved in giving suggestions to the University for the revision of the Under-graduate syllabus which will be implemented next year.

Student performance:

The pass percentage of the students in the year 2006 was 85% and 90% in the year 2007.

In the year 2006 one student was placed in the 6th position and again in 2007, one student was placed in the 4th position. Both of them got the College Awards.

The Department sends students to attend various seminars organized by different Societies from time to time and they participated in Poetry writing and Essay writing competition organized by the Department of Khasi NEHU, Shillong, 2006.

Teaching-Learning Resources:

At present the Department has its own Departmental Library and an Internet enabled Computer. The Department will also adopt the modern teaching methods like using ICT that will aid the teaching process in the relevant subjects especially like, Khasi Linguistics, Khasi Culture and Khasi Literature as well.

Involvement of student in academic and personal counseling of students:

The teachers of the Department take responsibility for counseling the students both academically and personally from time to time.

Faculty development programmes

Ms Patricia Syiem

- Attended UGC sponsored Refresher Course organized by the Deptt. Of Khasi, NEHU, Shillong from 7th to 27th March 2001.
- Attended UGC sponsored Refresher Course organized by the Deptt. Of Khasi, NEHU, Shillong from 3rd to 23rd May 2001.

Ms. Violet R. Synrem

- Attended UGC sponsored Refresher Course organized by the Deptt. Of Khasi NEHU, Shillong from 7th to 27th March 2001.
- Attended UGC sponsored Refresher Course organized by the Deptt. Of Khasi, NEHU, Shillong from 3rd to 23rd May 2001.
- Attended UGC sponsored Refresher Course organized by the Deptt. Of Khasi, NEHU, Shillong from 27th Feb. to 19th March 2002.

- Attended UGC sponsored Refresher Course organized by the Deptt. Of Khasi, NEHU, Shillong from 4th to 24th March 2003.

Mr. Rollingstone Wankhar

- Attended UGC sponsored Refresher Course conducted by the Deptt. Of Khasi, NEHU, Shillong from 16th November – 6th to December 2004.
- Attended one Orientation Course Conducted by Jawaharlal Nehru Technological University, Hyderabad – 17th January – 12th February 2005.

Participation/contribution of teachers to academic activities and consultancy:

- Ms. Patricia Syiem joined as Guest Lecturer in the Deptt. Of Khasi NEHU, Shillong from 2003 to 2006.
- Mr. Rollingstone Wankhar involved in taking Tutorial classes to the PG students in the Deptt. Of Khasi NEHU, Shillong till date.
- Ms. Patricia Syiem and Mr. Rollingstone Wankhar are pursuing their Ph.D with the Deptt. Of Khasi, NEHU, Shillong.

Collaboration

The Department in collaboration with the Sahitya Akademy organized the Memorial Lecture on Death Anniversary of Rev. Fr. H. Elias on the 28th October 2006 at St. Anthony's College, Shillong.

Plan of action :

- The Department plans to improve the Departmental Library with more books, Journals, Magazines etc. for the benefit of the teachers and students as well.
- To adopt modern ways of teaching and learning like using OHPs, LCDs etc. especially in the subjects like Culture and Linguistics.
- The Department plans to conduct field trips, seminars, workshops, debates, etc.

Evaluative report of Department of Mass Media

The Media department of the college has two separate graduate programs running. The programmes are:

- Mass Communication and Video Production. Estd. 14/09/1995
- Media Technologies, Estd. 13/06/2001

It was in 1995, St. Anthony's College started the undergraduate course in Mass Communication and Video Production, the first of its kind in the country, which has a national recognition for excellence and facility. It was in recognition to the pioneering effort of the college that the UGC sanctioned a second professional graduate course in Media Technologies in 2001.

The two courses enable students to find their place among a burgeoning class of media professionals, not merely as multi-skilled technicians, but as individuals with a sound theoretical understanding of the larger social context within which the media industry functions. The department has surely prepared competent professionals in the fields of communication and journalism by instilling also a right sense of intellectual probing and responsibility.

Faculty Profile

Sl. No.	Name of the faculty	Year of Joining	Qualification	Specialization
1.	C. Kharshing	2001	M.A	Media
2.	E. Saiborne	2002	M.A	Media
3.	M. Kamei	2003	M.A	Media
4.	R. M. Ishorari	2004	M.A	Media
5.	R. Chetri	2006	M.A	Media
6.	G. Plathottam	2006	M.A	Print
7.	Lorna Bang	2007	M.A	Anthropology
8.	T. Lim	1995	B.A	Photography

Adjunct Faculty:

- Basav Roychoudhury (Dept. of Computer Science)

- Gypsy Nandi (Dept. of Computer Science)
- Aiussha V Hujan(Dept. of Computer Science)
- Kesterlee Syiemiong(Dept. Computer Science)
- Cathy Saiborne (Dept. of English)

Adequacy: The staff of the department is adequately qualified to provide sound and modern media techniques in keeping with the changing scenario. Expertise from other departments, like computer science, is sought when required.

Student Profile:

The media courses are open to the students of Arts, Science and commerce streams. The candidates admitted are selected on the basis of their performance at the entrance examination that tests their interest in current affairs, General knowledge, culture, films and literature. They must also have a minimum of 55% in the qualifying exam. The total student strength of the department is:

- MCVP: Male: 32; Female: 20
- Media Tech: Male: 24; Female: 43

Contribution to Curricula:

The curriculum for the UG programs is entirely proposed by the Department of the college. The curricula is modified and adapted in keeping with the changes, under the supervision of the University.

Students Performance:

The pass percentage for the year 2007 was 100% and in the year 2006 we had one failure. The top ten ranks in the University in both the departments are always from the college.

Teaching and Learning Resources:

The learning resources include a well equipped library, media lab, internet enabled PCs, LCD/OH projectors. The department also have regular guest visitors and lectures from the field of media.

The department places great emphasis on teaching and learning through interactive methods. The use of ICT like LCD, OH projectors, videos, films, and involvement of students in group discussions, classroom presentations, and outdoor projects contribute to ways of enhancing the learning process. The students as well as the faculty increasingly use LCD projectors and Laptops for class presentations.

Academic and Personal Counselling:

The teachers are involved in personally monitoring the academic achievements as well as personal growth of the students. Faculty also interacts with the parents and local guardians of the students frequently to apprise them of the performance of the students. The relationship between the faculty and the students is very cordial and friendly to enable academic and personal growth.

Faculty Development Programs:

All the Staff of the department attended the Staff Development programme conducted by the college.

- Cherry Kharshiing attended a seminar on *Intellectual Property Rights*, in 2004
- Cherry Kharshiing attended UGC staff orientation program in NEHU, 2008
- Etawanda Saiborne, attended a seminar on *Intellectual Property Rights* in 2004
- Etawanda Saiborne, attended staff orientation course in Madras University, 2007.
- Rajani K Chetri, attended UGC refreshers course in Mass communication in Guwahaty University, in 2007.
- Machunwangliu Kamei, attended ICRC seminar on Humanitarian Laws, at Guwahaty University in 2007.
- Rose Mary, attended ICRC seminar on Humanitarian Laws, at Gauhati University in 2007.
- Fr. George Plathottam, Seminar at NEHU on *Biodiversity, Language and Ethnic Identity*, in 2006

- Fr. George Plathottam, Seminar at Silchar University, on *Media and Secularism*, in 2007
- Fr. George Plathottam, Seminar at IIT Guwahati, on *Media and Violence*, in 2008
- Fr. George Plathottam, Seminar at Don Bosco Institute, Guwahaty, on *Communication and Culture*, in 2008
- Fr. George Plathottam, Seminar at NEHU, on Knowledge Sharing and ICTs, in 2008

Collaborations:

- Seminar in collaboration with Ali Jung Institute, Mumbai on Media and Disability
- A three-day exhibition of Dolls by renowned international artist Francoise Bosteels, on the theme: The Many Faces of India.
- A three-week course on Journalism and Reporting for the local press and media was organized in collaboration with Shillong Press Club and DIPR Meghalaya.

Student Placement:

A large number of students who have passed out from the Media Department are well placed in the leading National and regional Television Networks and news dailies, like: NDTV, TNT, CNN-IBN, TOI, News Live, NE TV, AIR(Agartala), ANI, CBN, CNBC(India), Himalaya TV etc.

Plan of Action for the next Five Years

- We plan to launch a media club and Media Education program as extension services to benefit students, teachers, parents etc. with special focus on rural areas.
- Providing short term courses in photography, journalism and media technologies.
- To introduce Post Graduate course in journalism and media.

Other Highlights

- There is a photography exhibition conducted annually, where students can display their photos and also sell them, thus enabling them to earn as they learn.

- Field trips are organized for the students to print presses and centres for indigenous cultures, in addition to a photographic tour undertaken outside.
- The department launched two certificate courses: One in Communication skills and another in Audio Video Production.
- A book on Public Speaking with audio CDs was prepared and published by the department.

Evaluative Report of Department of Mathematics

Ever since its inception, the Mathematics department has been the domain of eminent mathematicians with strong academic background whose untiring and dedicated service towards the students remained an unforgettable experience in the memory of numerous students. The department maintains the same standard of excellence in terms of quality teaching, helping students in all possible ways in pursuit of their goals and this is reflected in the University results year after year. The upward trend in the number of students seeking admission for Mathematics in undergraduate level is another satisfaction of the department for its efficient discharge of responsibilities.

Faculty Profile:

Sl. No.	Name	Year of joining	Qualification	Area of specialization
1.	Debojyoti Paul Choudhury	1975	MSc, M.Phil	Theory of operators /Fuzzy Theory
2.	Dr. Padmini Bhattacharjee	1994	MSc, Ph.D	Group Theory
3.	James Miller Sun	1997	M.Sc	Operations Research
4.	AnjaluAlbis A Basumatary	1998	M.Sc, PGDCA	Algebraic Topology
5.	Wannarisuk Nongbsap	2007	M.Sc (M.Phil)	Ring Theory/Number Theory
6.	Tikaram Subedi	2007	M.Sc (M.Phil)	Ring Theory/Number theory

Student profile

To get admitted into the department, students must pass class XII examinations with a minimum of 60% in Mathematics. The admission is given in terms of merit. The department currently has 38 honours students – 13 males and 15 females. In addition, there are students who take up mathematics as an elective subject.

Students performance

The department had a pass percentage of 80% in 2006, and 78.3% in 2007. In 2006, the students of this department bagged 3 out of 10 ranks declared by the University. In 2007, the number was 5 out of 10.

Teaching Learning resources

Apart from the general library, a departmental library is being set up. The department

also has a computer with Internet facility.

Academic and Personal Counseling:

Teachers help students through personal counselling and classroom teaching. Sometimes information career courses are also forwarded to the students.

To enhance their perspective, the third year students (2006-07) were asked to prepare project on Contribution of some of the famous mathematicians.

Details of faculty development program:

- James Miller Sun, Symposium on Recent Trends in Mathematics, Dept. of Mathematics, North Eastern Hill University, April, 2007
- Anjalu Albis Basumatary, Symposium on Recent Trends in Mathematics, Dept. of Mathematics, North Eastern Hill University, April, 2007
- James Miller Sun, Refresher Course, North Eastern Hill University, 2007
- Anjalu Albis Basumatary, Refresher Course, North Eastern Hill University, 2007
- All faculty members attended the Orientation programme on Linux organized by IQAC with the help of department of Computer Science.

Consultancy

- Anjalu Albis Basumatary, Career Counseling, Exodus, Ukhrul, Manipur, 2006.
- Anjalu Albis Basumatary, Career Counseling, Exodus, Ukhrul, Manipur, 2007.
- Anjalu Albis Basumatary developed a software package for management of admission and fee payment system of the College.

Plan of Action for next five years:

- The department proposes to establish a departmental library, a departmental laboratory equipped with computers, laptops, LCD projectors, etc.
- The department also proposes to organise seminars to popularise mathematics among students of this region by inviting eminent mathematicians.

Evaluative Report of the Department of Mizo

Mizo is offered as one of the Modern Indian Language (MIL) in lieu Alternative English to all the undergraduate students.

Faculty Profile:

Name	Year of joining	Qualification	Specialization
Dr. Grace Zirsangliani	2006	PhD.	Mizo religion and its conversion to Christianity

Student Profile:

Since the subject is not offered as an honours paper, the admitted students are at liberty to choose Mizo as one of the MIL option. At present there are 12 students who have opted for Mizo as their MIL.

Teaching learning resources:

Apart from group discussion on topic covered by the syllabi and the student's career options, the department often invites guest students from other departments to participate and learn in this vibrant group. Mizo students of the college have a regular newsletter "The St. Anthonian Times" covering areas relating to career and infotainment.

Academic and Personal Counseling:

Students do approach the faculty personally for consultation on their academic and personal problems.

Faculty Development program:

The faculty regularly attends the annual staff development programme organized by the college.

Plan of action for the next five years:

Plans to have a departmental seminar and prepare course materials/manuals for the students.

Dr. Grace Zirsangliani is also a part time lecturer in the Deptt. Of Philosophy and is in - charge of the NCC Girls Unit of the College.

Evaluative Report of the Department of Music

The continued endeavor of the college to innovate and progress led to the establishment of the Department of Music in 2005. This department was thus established on the 24th June 2005. The department aims to cultivate and nurture the innate love for music that is woven into the fabric of the life and culture of the people of the North Eastern Region (NER). At present the college is the only institution in the entire NER offering UG honours course in music (i.e. B.A. music).

Faculty profile:

Sl.No.	Name	Year of joining	Qualification	Area of specialization
1	Emmanuel Shangpliang	2005	M.A	Instrumental
2	Rabindra Bharali	2005	PhD.	Indian – Vocal
3	Parbal Sharma	2007	PhD.	Indian - vocal

Guest Faculty:

- Key Boards: Ms. Balakmen Shadap (Grade 8, Trinity College) Local artist.
- Ksing Khasi: Paul Lyngdoh (Local Artist, traditional folklorist and musician).
- Duitara: Kerius Nongthiang (Local artist, traditional folklorist and musician)
- Guitar: Welborn Tlang (Local artist, Grade 5, Trinity College).
- Dr. (Padmashree) Helen Giri (NEHU).
- Dr. Lapynshai Syiem (NEHU, CCS, Dept. of Creative and Cultural Studies)
- Maria Christine (from Slovenia).

All the post of the faculty is sanctioned by the management. There is a felt need to appoint an accompanist musician on part time or regular basis.

Student Profile:

Apart from the minimum eligibility of 55% marks in the aggregate at the qualifying examination, admission is given on the basis of entrance test designed to test the aptitude of the applicant in areas like – Sense of tonality; Acquaintance with Indian style of singing; Fluency in playing musical instrument and general awareness about music.

At present there are 18 male and 12 female students in the department.

Contribution to curricula:

As the programme was launched only in 2005 there was no felt need to revise the syllabus. However, the HOD, who is also the member of the Board of Undergraduate Studies seeks clarifications and gives suggestion.

Teaching Learning Resources:

The department is well equipped with a spacious Music Lab and various instruments of western, Indian and regional origin, which are extensively used by both faculty and students.

The students are also exposed to the nuances of using computer for writing, arranging and mixing music. The department has software for arranging and mixing music.

Academic and Personal Counseling:

As the course offered is a performing art, regular interaction with regard to the performance of the students is maintained by the faculty. Extra classes for vocal and instrument training are a regular feature in the department.

Consultancy:

Dr. Prabal Sharma regularly gives performance of Classical Hindustani vocal. In 2007 he sang in DD Bharati for the programme 'Swaranjali', Delhi, DD NE and Nalbari Art College, Nalbari, Assam.

Student Placement:

Campus placement is managed by the Placement Officer attached to the Student Development Services of the college. Please check the page on 'Campus Recruitment' for details on this information.

Plan of Action for next five years:

- Upgrade the existing or built a new sound proof music lab.
- Acquire an LCD projector which will enhance the teaching –learning process.
- Create an audio library and a functional recording studio.

- Develop a network with government and private TV and radio channels in order create a platform for the students to perform on a regular basis channels
- Introduce short term courses on music at different levels.

Other highlights:

- Dr. Prabal Sharma : Swar Sarita – A serial of Hindustani music in 3 episodes, Guwahati Doordarshan Kendra. 2005
- Dr. Prabal Sharma : Hindustani Classical Performance, Delhi Doordarshan Kendra, 2007
- Dr. Prabal Sharma International conference on Indian Music, Mauritius, 2003.

Evaluative Report of the Department of Philosophy

Prof. Bamadeb Bhattacharjee established the department of Philosophy on the 7th June 1938. Since then the department is imparting value based education to its students. Since Philosophy is the very foundation of human life, we try to create awareness among the young students in particular and society in general, about the importance of the subject.

The highly qualified staff members of the department are ready to take on the challenge of infusing greater interest among our young students to awaken the importance and relevance of the subject in the present day context.

Our vision to see PG courses and research facilities in the years to come, along with better library facilities in the college. As Philosophy is the mother discipline of all subjects we shall always coordinate and cooperate with all other disciplines.

Faculty Profile:

Sl. No.	Name	Year of joining	Qualification	Specialization
1	Dr.Kalipada Mohanta	1984	M.A, Ph.D	Analytical philosophy
2	Dr.Morning Lyngdoh	1989	M.A,Ph.D	Philosophy of religion
3	Dr.Alpana Chakraborty	1989	M.A,Ph.D	Philosophy of Mind

Adjunct faculty:

Dr. Grace Sangliani (Mizo Department)

Student Profile:

The department currently caters to 54 regular students – 30 boys and 24 girls

The department had a pass percentage of 89% in the year 2006 and a 100% in the year 2007. In the year 2006 the department secured the 1st, 2nd and 5th Ranks with one Gold medal and in the year 2007, the department secured the 1st and the 3rd Positions with a Gold medal.

Co-curricular activities:

The Department organized Philosophy Day on November 2007 in which all the students and the faculty of the department actively participated. The students also contributed wall magazine followed by short discussions on Philosophy Day.

Students performance:

In the year 2006, Philosophy Honours students secured the 1st, 2nd and the 5th positions; in 2007 the 1st and 3rd positions.

Teaching-Learning resources:

The department has an internet-enabled computer with printer, which is used to access information from the Internet. The department also has a library of its own.

Academic and personal counseling by teachers:

The teachers do counsel the students in their academic and personal matters

Details of faculty development:

All faculty of the department attend the Annual Faculty Development Programme held by the College.

Participation/contribution of teachers:

Dr. Kalipada Mohanta participated as a Resource Person in *General Lecture in Philosophy* at Women's College, Shillong in December 2007.

Student placement:

The SDS organizes campus recruitment events in which student of the department participate.

Plan of action:

- The faculty members will sincerely make an effort to bring about required changes in the syllabus within the university system.

Evaluative Report of Department of Physics

The department of Physics is one of the early departments in the college. It has over the years produced many scholars who today occupy great positions. The department, with the group of dedicated and fully qualified set of faculty, has always strived for excellence. The 100% result and number of ranks achieved over the last years are clear proof for this.

Faculty Profile

Sl. No.	Name	Year of Join	Qualification	Specialization
1.	Dr. J.A.Blah	1975	Ph.D	Condensed Matter Physics
2.	S.Bhattacharjee	1981	M.Sc.	X-ray and Crystallography
3.	S.Chutia	2000	M.Sc.	Theoretical Physics
4.	S.Saikia	2003	M.Sc.	Plasma and Astrophysics
5.	V. Khongwir	2006	M.Sc.	Laser Spectroscopy (Raman)
6.	M.Kharkongor	2007	M.Sc.	Solid State Physics

The staff is adequate and competent to teach any branch of physics.

Student Profile

The department has a total of 61 honors students (Male: 50; Female: 11). In addition, the department caters to students of other departments who take physics as an allied subject.

Contribution to Curricula

The faculty members of the department are involved in the formulation of the syllabus at UG level. One of the staff is a member of the Board of Undergraduate Studies for Physics and another is involved in the design of the curriculum for SSLC and HSLC of MBOSE and was also active in programs organized by SCSTE, Govt. of Meghalaya.

Students Performance:

The students of the department have always scored number of top ranks in the University Examinations. The result for the past years of 2006 and 2007 was 100%, with 4 and 3 ranks in the respective years.

Teaching and Learning Resources

The department has a departmental library in addition to the College Library. The department also has a well-equipped laboratory. The teachers and students use OH projectors presentations and refer the Internet for collection of materials.

Academic and Personal Counseling

Students are briefed about the scope and opportunities available to them in the various fields of Physics and they are also encouraged and prepared to appear for competitive examinations and campus interviews.

Faculty Development Programs:

- All the Staff of the department attended the Staff Development programme conducted by the college.
- S. Saikia participated in orientation programme at Gauhati University in 2006.
- S. Saikia attended a refresher course at Jadavpur University in 2007.
- S. Chutia attended national workshop on Trace Elements Research, NEHU, 2008.

Placement

The department works in collaboration with the SDS to see to the placements.

Lines of Action for the next Five Years

- Improvement of the departmental library with more books.
- Setting up of a workshop for repairing laboratory equipments
- Starting a mini project by every student.
- Research projects to be taken up with financial help from agencies.
- Regular seminars and workshops for students and teachers by experts.
- Organizing study trips to centers of excellence and research.
- Parent-teacher interaction at least once a year.
- Motivational sessions to exhort students to pursue high-end research projects.

Evaluative Report of Department of Pisciculture

The Department of Pisciculture is the only department of its kind in the North Eastern Hill University. The department is not only training students at the UG level but has been actively involved in research. It is one of the few departments that are dynamically working in with fish farmers in villages as part of its extension activities, to provide support, capacity building and popularizing the scientific method of fish culture in these villages. The department is also enthusiastically caught up with result-oriented research, to sustain the academic interest of the faculty and students.

Faculty profile:

Sl.No	Name	Year of joining	Qualification	Specialization
1	Dr. Rabindra Nath Bhuyan	1987	Ph. D.	Adaptational Fish Physiology and Biochemistry
2	Dr. Devjani Ghosh	1993	Ph. D.	Limnology
3	Dr. Sarah M Kharbuli	1993	Ph. D.	Limnology
4	Mr. Rupak Nath	2007	M.F.Sc.	Aquaculture
5	Dr. Debajit Sarma (On lien)	1998	Ph. D.	Fisheries Resource Management

The department has adequate number of teachers with the required specialization to handle the requirements of the curriculum.

Student profile

Students need to have at least 55% marks in Biology (Theory only) in the class XII exam. Admission on a first come first served basis. At present there are 11 male and 9 female students in the department.

Contribution to curricula

Members of the department are regularly appointed by the university as members of BUGS and the syllabus committee. The last time the syllabus was revised was in 2003.

Student Performance

The performance of the students of the department has been excellent. The overall passed

percentage in 2006 and 2007 was 92.3% and 92.3% respectively. In both the years the Ranks achieved were 1 to 10.

Teaching Learning resources:

The department is equipped with the latest learning resources to ensure effectiveness in teaching – learning. The teaching-learning resources include

- One internet enabled computer and a printer
- Laptop and LCD Projector provided centrally as need based
- Departmental library
- Binocular microscope with CCD monitor and facility for photography,
- Two Laboratories, One Hatchery complex.

ICT facilities are used to a large extent make classroom learning more interesting and effective. The binocular microscope with CCD monitor is used to enable students to understand details of biological structure, which in the past could be done only through diagrams and verbal communication. The Internet facilities are available within the department for the faculty, to update themselves with recent developments in the field. The use of OHP and power point presentations with the help of the computer and LCD projector is employed by faculty to buttress the teaching-learning skills.

Academic and Personal Counseling:

The staff members of the department are involved in academic and personal counselling of students as and when required. The teachers are involved in taking extra classes for students.

Details of faculty development program:

Faculty members regularly attend the faculty development programme conducted by the college annually.

Contribution to academic activities and consultancy:

All Members of the faculty are actively involved in teaching, research and the extension services of the department. Besides, they are actively involved in other academic

activities.

- Dr. R.N. Bhuyan has been conducting seminars, workshops and winter schools in various organisations like ICAR, SBI etc. as a resource person.
- Dr. R.N. Bhuyan & Mr. Rupak Nath have been offering consultancy to farmers in the region regarding fish breeding and culture.

Collaboration

The department have research collaborations with following national organizations

- DST, New Delhi
- NBFGR, Lucknow

The department has been actively organising seminars and training programs for different target groups. These include:

- National seminar on “Recent advances and rebuilding of fish and fisheries in north east India” was organised from the 22nd August to 23rd August, 200.
- Training & capacity building programmes for fish farmers of the region are regularly organised. 2 such programmes were conducted annually for 2006 and 2007.

Student Placement

About 70% of the passed students of department were absorbed in the state fisheries department. The Rest were placed in various jobs like teaching, financing institutes, libraries etc.

Plan of Action for next five years

The department has chartered the following plans for the next five years:

- To achieve 100% results in academics
- To introduce a Post-Graduate Diploma or P G programme in Fisheries
- To Augment infrastructure for research purposes,
- Prepare and publish at least two Training Manuals,

- Train the students for self employment
- To continue the extension activities at the grass root level i.e. at the farmers' level for increasing of fish production of the state to enable bridge the gap between the production and consumption.
- Conducting research work to breed Chocolate Mahseer and Important locally available ornamental fishes.

Other Highlights

The department has been instrumental in standardizing pituitary extract doses for induced breeding of warm water fishes in the cold and high-altitude. It was for the first time that quality fish seed of major carps and *Labeo gonius*, a minor carp has been produced at an altitude of 1496 m MSL. The produced seeds had been distributed among local fish farmers of the state for culture in their respective areas.

Besides this, the Department is also organizing workshops and extension programmes to train the farmers to adopt scientific methods of fish farming and giving proper technical assistance to start fish farming activities, which is an economically viable venture.

The department under a DST sponsored project has adopted five villages for the improvement of socio-economic condition of the local farmers through development of fisheries.

Evaluative Report of the Department of Political Science

The Department of political science is the one of the oldest department established on June 13, 1934, among the various optional subjects in the arts faculty it has on it's rolls the largest number of students. It is a small department as far as the number of faculty members are concerned, the profile of the four members department is given as below:

Faculty Profile:

Sl.No.	Name	Year of joining	Qualification	Specialization
1	Rakhal Kumar Purkayastha	1985	Ph.D	Indian Government and Politics
2	Herbran Syiem	1988	M.A.	Political Theory
3	Kara H Shen	1994	M.A.	Government and Politics in North East India
4	Evangiliancy Dkhar	1995	M.Phil	Government and Politics in North East India

The department has highly experienced and competent faculty geared to serve the needs and requirements of the students but keeping the fact of the number of the students it caters an additional faculty may be required in near future.

Profile of students:

The students are admitted to Honours Courses on the basis of their marks scored in the subject in their Class XII examinations.

At present the total number of students in the honours course in all the three years is 214, out of which 152 are Males and 62 Females. The department has on it's roll also students who offer pass courses in political science in their 1st, 2nd and 3rd year and they number above 400.

Contribution to curricula

University has introduced revised syllabus from 2007 onwards. the members of the department contributed in modification in different ways, most of the faculty were part of

Board of Under Graduate Studies, some were part of the Moderation Board and Academic council. Moreover, besides being members of various official bodies the faculty members of the department on several occasion interacted with university faculty members and officials to expedite the process of syllabus revision.

Students Performance

The performance of the students in the University examinations has been satisfactory and it has been always higher than the University's percentage of pass. This however, has not given rise to any degree of complacency in our efforts to constantly improve the performance of our students. In the last two years honours course i.e. 2006 and 2007 the pass percentage of the students had been 80 percent and 100 percent respectively. Besides performance on the academic front, some students from the department participated in seminar conducted by USIS and Department of Sociology of St. Edmund's College on "Adolescence Behaviour in India and U.S." in August 2007. Students from our Department had also actively participated in a Workshop on "Youth and Democracy" organized by Fedrick Stitfung Foundation and ERC held in New Delhi in November 2007.

Teaching Learning Resources

As of now the members of the department follow the conventional method of class room teaching but faculty members keep themselves up-to-date through library consultation and extensive use of Internet in their day-to-day learning. The department is planning to use LCD projectors for classroom teaching.

Academic and Personal Counselling

The members of the department regularly identify the advanced and slow learners and do advise them on academic and personal matters. The department hold extra classes according to the needs so that the entire syllabus is completed to the satisfaction of the students well before the commencement of University examinations.

Details of faculty development programmes and teachers who have benefited during the past two years.

All faculty members of the department regularly attend the annual staff development programmes conducted by the College.

Collaboration

The department has organized in November, 2007, a lecture on *Transparency and Accountability in Administration: Experiences from India's North-East*, in memory of Late Professor B. Pakem, which was attended by many eminent scholars of the area. This was organized in collaboration with North-East India Council for Social Science Research, Shillong.

Placement records

The department as of now does not officially maintain any official records of the placement of its students but many students do maintain contact with the members of the faculty and it appears that most of our students prefer to go for higher education and eventually find placement with various governmental and non governmental organisation in diverse capacity, some of them on completion of their law studies has taken to practise of law while still other has taken to teaching and few to active politics. It is interesting to note that most of the faculty members of other colleges in political science are alumni of the department.

Plan of action

- The Department will continue to participate through various committees of the University to up date the syllabus from time to time so that the students in our subject acquire the skill required to make themselves employable after completion of their course of studies.
- We would also like to start career guidance and coaching courses primarily for our students so that they gain confidence while facing employment oriented competitive examinations such SSB, CDS, CPO, Bank and Insurance sector etc.

Evaluative Report of Department of Statistics

The department of Statistics is the first ever department that pioneered teaching and learning of Statistics in the state of Meghalaya.

Faculty Profile

Sl.No.	Name	Year of Joining	Qualification	Specialization
1	A. B. Chakraborty	1987	M.Sc. Ph.D. PG (Dip), Comp.Sc.	Statistics
2	M. Baruah	1988	M.Sc.	Statistics
3	S. Dey	2000	M.Sc., Ph.D.	Statistics

Profile of Students :

Students wanting to take Statistics as one of their major discipline at the degree level should have had Mathematics as one of the subjects at Higher Secondary Level. The total strength of students at honours level is 7 with 6 males and 1 female.

Contribution to Curricula:

New Syllabus is being implemented at the UG Level from the session 2005-06. The members of the faculty are representatives in the Board of Undergraduate Studies, NEHU.

Students Performance

The pass percentage for the last two years of 2006 and 2007 were 66% and 100% respectively, with a first rank first in the year 2007.

Teaching and Learning Resources

Students are assigned project work as per the guidelines of NEHU Syllabus, where the theoretical knowledge learnt in the classroom are implemented in real life.. Students regularly take part in the Departmental Seminars and workshops organized.

The department uses OHP and LCD projector for classroom teaching and seminars. The departmental library and computers are of great help to the students and the staff. There are also statistical soft wares that are used for the programming purposes.

Academic and Personal Counseling

The department staff are much involved in motivating and counseling the students, through guidance, personal follow up, etc.

Details of Faculty Development Programme

All the members of faculty attended workshops and seminars during the last two years.

Collaborations

Departmental teachers have collaborated with Govt. and NGOs on different research projects. The department collaborated to conduct a Workshop on Application of Statistics with reference Neural Networks, in 2007

Lines of Action for next five years

Planning to start short term as well as Post-Graduate Courses.

Evaluative Report of Department of Zoology

The Department of Zoology is one of the oldest of the science departments. The Department has an excellent infrastructure and a well qualified and experienced faculty. The zoological museum of the department is one of the best among the colleges under the affiliating university. It is interesting to note that the present full-fledged department of Pisciculture started as an offshoot of this department. The department is enthusiastically and whole-heartedly committed to all round development of the students.

Faculty Profile

Sl. No.	Name	Year of joining	Qualification	Area of specialization
1	Dr.Bidhan Bhattacharya	1972	Ph.D	Freshwater Biology
2	Dr.Promatha Sanker Raja	1974	Ph.D	Biochemistry
3	Dr.Mrinal Kanti Deb	1976	Ph.D	Physiology
4	Shri Frederick Arnold Lamare	1994	M.Sc , PGDCA	Cytogenetics
5	Dr. Upal Sengupta	1998	Ph.D, PGDCA	Biochemical genetics
6	Smti Bashida Massar	2002	M.Sc	Cytogenetics

The number of faculty in the department is adequate with the necessary specializations.

Student profile

Students have to obtain the minimum eligibility qualification at the Class XII examination. They are admitted on a first come first serve basis. There are 14 male and 22 female students in the department.

Contribution to curricula

The last revision of the syllabus was made in 2003. Some faculty members have been appointed as members of the syllabus committee and the Board of Undergraduate Studies. They are actively involved in curriculum design and development.

Student Performance

The students of the department have consistently performed excellently. The passed percentages of the students in 2006 and 2007 are 100% and 94.44% respectively.

Students have also secured ranks in the university examinations.

Teaching Learning resources

The department has a state-of-the-art learning resources. These include

- an OHP,
- an internet-enabled computer and a printer.
- An LCD projector and a laptop are available as shared resources with other life science departments
- Educational CDs
- Departmental library
- A Museum
- 3 well equipped laboratories and 1 research laboratory

The ICT aids have been used to the optimum. The use of OHP and transparencies, LCD projector and power point presentation is very much part of the day to day teaching. Faculty members learn from each other the skills required for using ICT. There is extensive use of the Internet by the faculty for updating information on the subject.

Academic and Personal Counseling:

Teachers are actively involved in both academic and personal counselling of students. Faculty does its best to help students in every possible ways including extra classes to complete the syllabus in time.

Details of faculty development program:

Without exception, all members of the faculty regularly attend the Faculty Development Programme conducted by the college annually.

Consultancy

- Dr M. K. Deb is a visiting resource person to NCERT Shillong.
- Dr U Sengupta who is actively involved in research is presently working on a project on chocolate mahaseers, financed by NBFGF, ICAR.

- Shri F.A.Lamare is involved as a resource person in civil services and state services coaching classes at Career Academy, Shillong.

Collaboration

Dr. U. Sengupta has research collaboration with National Bureau of Fish Genetic Resources (NBFGR), Lucknow.

Student Placement

Students generally have good placement records. The placement includes jobs in universities, colleges and schools, public sector, private sector and NGOs, etc. However, majority of the students pursue higher education and some of them are actively involved in research.

Plan of Action for next five years

The department has chartered the following points of action for the next five years.

- Introduction of new courses like Genetics and Animal Breeding.
- Up gradation of the syllabus
- Augmenting infrastructure
- Strengthening of the research laboratory
- Purchase of books to enrich the departmental library

Other Highlights

The highlight of the department is that the faculty takes personal care of each student and is instrumental in the development of skills in them. Various co-curricular activities like soft skill training, personal and career counselling, student seminars, field trips, visit to museums, and Trekking which are not a part of the syllabus are regularly organized. The spirit of being a family is evident in every aspect of the functioning of the department.

PART II-C
EVALUATIVE REPORT OF
THE CENTRES

Students Development Services

The Student Development Services (SDS) is an innovative initiative of St. Anthony's College. It was set up in 1995 under a project sponsored by the All India Association for Christian Higher Education (AIACHE). Its mandate at that time was to provide personal, educational and vocational guidance for the overall balanced development of the students of the college. At the same time, it has also been active in imparting education to prevent and eradicate menaces like alcoholism, drug abuse and AIDS and conscientize the student community on these high risk areas that threaten society and initiates preventive measures against them.

Towards meeting these objectives the cell has been active in organizing various programmes and activities over the years. In addition, the cell also conducts coaching programmes for various competitive examinations, organizes workshops on communication skills development and Life Skill Orientation programmes for the entire student community. It arranges for career talks on various career options present today. It also organizes career expos, which are aimed at higher secondary students of different schools.

In its latest addition, a full time placement officer was appointed in 2006 to assist in the placement and recruitment of the student community towards higher studies and employment.

The cell today is able to fund its own programmes on the basis of a corpus that it has built up over the years. However, to ensure commitment from participants and smooth functioning of the cell, all programmes conducted by it have minimal fees charged, so that every student gets the opportunity to attend.

Personnel :

The cell is assisted by members of the teaching community of the college in all its programmes. To ensure its smooth functioning it has the following office bearers:

Director : Fr. George Palamattathil (SDB)

Coordinator : Aibankit L Warjri

Counselor : David F Marbaniang

Evaluative Reports of Departments of St. Anthony's College, Shillong

Placement Officer : Ms. Amrita Devi

Infrastructure:

The cell has been allotted space in the campus to cater to students needs. This comprises of 3 rooms, where two are used as offices for the Coordinator, Counsellor and Placement Officer. Two rooms have attached toilets with them. The third room is a general purpose area for meeting students and others.

Both the offices are fully equipped with the necessary office furniture, in the form of tables, chairs, almirahs and two computers and printers.

A display board in the general purpose room is used for putting up information related to careers. Another display board in the main building is used for displaying important information related to SDS programmes and placements.

The SDS is also equipped with a small library of about 200 books and study material that it has built up over the years. These books and material range from counseling, career, personal development and educational on topics like AIDS, sex, drugs, etc. The library also has a few video cassettes related to interviewing and soft skills.

The following is a report of the Programmes for the Academic Year 2007 – 08 conducted by the SDS.

Placements:

The college saw an increased number of organizations this academic session that had come into the campus for recruitment and placement. In all, a total of 181 offers have been made by various organizations to the final students of the college (for details, please refer to the Campus Placement page following this report). These offers are upto February 2008. Two more companies are expected to come into the campus in April 2008, before the end of our academic year.

If in 2006, we saw 5 organisations coming for placements, with 67 offers, in 2007-08, there have been 9 organisations, so far, with 181 offers. We expect this number to increase before the academic year ends.

Considering the fact that no college, including our institution has been able to draw recruiters for campus placements in the past, this rise in interest and the confidence that recruiters have shown towards our students is an encouragement to us, to strive to do better and offer a better deal to those who pass through our courses.

Life Orientation Programme:

Life Orientation Programmes were conducted for the students of first year in all streams, that is, Commerce, Science, Arts and Business Administration. Each stream had one full day of programmes. Commerce and Business Administration students were clubbed together into one group. Thus, there were three days of orientation held on the 18th, 19th and 20th of July 2007.

The theme of this year's Orientation Programme was 'Intersect 07'. This theme carries forward the meaning of students of different backgrounds and ethnicity coming together and meeting on a common platform.

The purpose of these orientation programmes is to build up the confidence of the new students and to also develop their personalities. They also get the opportunity to gain new friends and interact. Since these programmes were conducted on working days, it was compulsory for the students to participate in these programmes.

The college had their own resource persons conducting these programmes in the form of Fr. George Pallamatathil (SDB), David F Marbaniang, E Shangpliang among others, to animate and invigorate the new students.

All expenses of these programmes were borne by the College and FAEA.

Career Expo:

A One-Day Career Counselling Programme was held on the month of September. This programme was essentially aimed at the students of Class XI and XII. It was felt that students at this stage faced a variety of choices to make. As a result, the SDS held these programmes and invited the school students of Shillong. There was a tremendous response to this programme. Leaflets that inform about various courses in engineering, medicine, management, defence, allied services, mass communication, etc were prepared and given to the participants to serve as an important input to help them make choices.

Furthermore, several resource persons were called to talk about various careers from where they come from. Notable among them were, S Guha for banking services, Dr. S Joshi for biotechnology, Dr. Basil Koikara for Management, Ms. E Warjri for Social Work, Mr.K Joshi for Chartered Accountancy, Dr. Barnard Marbaniang for Medicine and para medicine, L Rapsuk for engineering, M Tham for Computer Science and others from the field of hospitality services.

These sessions were simultaneously held in separate halls. Students had the option of going from hall to hall and listen to the career talk of their choices. Thus, in many cases, the resource person gave a talk in several sessions, so that those who missed a session while attending another career talk, would still be informed and benefit from all the resource persons.

In addition, the student volunteers made a number of very informative charts on various career options. These charts were displayed in the vicinity of the halls and the corridors where the programme was held.

All expenses for this programme were borne by the college and FAEA.

MBA Coaching Programme:

The SDS conducted a special coaching programme for those students who were aspiring to sit for various competitive examinations, with a special emphasis on the Common Admission Test for IIMs. This year too, the number of applicants who wanted to avail of this opportunity was high. However, on screening and a personal interview, 35 students were admitted to this programme. This programme started in June and ended on the first week of October. Classes were held from 3:30 – 5:30 PM from Tuesday to Friday. When holidays occurred in between these days, then Mondays and Saturdays were also taken as class days in order to offer the students the full advantage. The programme focused on Logical reasoning, data interpretation, arithmetic, English comprehension and usage, and personality development where sessions on interviewing and group discussion were held.

Coaching Class for biotechnology:

An intensive coaching programme of one month was held for the under graduate students of biotechnology and life sciences was held in April 2008. this was primarily aimed at

helping the students to better handle the National Competitive examinations held every year for admission into various Post Graduate Programmes in Biotechnology.

Guest Lectures and Career Talks:

There were a number of guest lectures and career talks held over the year on topics ranging from retail sector, Insurance, hospitality and knowledge process outsourcing.

Guidance and counseling:

The SDS cell is also involved in personal and academic counseling for different requirements of students throughout the year.

Campus Recruitment for 2006-07 and 2007-08

Sl.No.	Name of the Company	No. selected in 2006-07	No. selected in 2007-08
1	Google Hyderabad	8	
2	Accenture, Bangalore	28	
3	HSBC, Kolkata	17	
4	Wipro, Mumbai	9	
5	Infosys, Bangalore	5	51
6.	TCS, Mumbai		10
7.	WIPRO, Kolkata		32
8.	Satyam Comp. Services Ltd. Hyderabad		11
9.	IBM DAKSH, Gurgaon		28
10.	GENPACT, Gurgaon		21
11.	7 th Solutions		2
12.	TCS, Bangalore		10
13.	HSBC Vizag		16
Total Selected		67	181

Students who have been selected by the companies that visited the campus were for a variety of jobs ranging from programmers, software developers, technical support executives, customer care executives, adword representatives, process executives, hedge funds executives, checkout operations executives, etc.

SILOAM

Centre for Transformational Leadership

Siloam is the centre of the outreach programmes of **St. Anthony's College**. It is a centre, which focuses on psychological, spiritual and developmental issues of students, youth, couples, families as well as professionals involved in various leadership roles towards renewal and reorientation. Besides, the centre envisages intervention in educational testing and evaluation, aptitude tests, promotion of self-confidence and self-esteem, personal and interpersonal communication skills, education to peace and cultural integration.

Situated on an idyllic hillside on the shores of the **Umiam lake**, **Siloam** is an ideal situation for the outreach programmes which aim at the holistic development of the human being – which, in the final analysis, is education.

The North Eastern Region has been blessed with diverse cultures and different ethnic groups. One of the most significant factors that are commonly shared by these different cultures and groups is the overwhelming influence that young people play in the socio – political arenas of their respective ethnic groups. In the past two decades, the region has seen several cultural clashes as well as greater awareness of several communities to establish autonomy and self identity. Consequently young people, in their idealism, have taken up armed resistance and violence. Educational authorities are at a loss as to how to help some young persons who harbour these views of armed resistance and violence. Because of the lack of trained counselors in schools and colleges, teachers find themselves unable to address these issues that students raise. Preparing students to face life and its overall challenges effectively and confidently needs to go beyond academic qualifications and move towards harnessing at the human potential within them. Lack of realistic and holistic approach could lead a lot of well talented youngsters to fall victims to depression, disorientation, isolation and consequent loss of self and self-identity.

Since its inception in 1934, **St. Anthony's College**, has been continuing to spearhead quality education in the North Eastern Region. The College has been constantly reviewing its methodologies of imparting knowledge and academic competence with the result that there is the need to look beyond academic excellence. The college keenly feels

the need to complement academic performance with human excellence as an answer to the worrying problems of human isolation, competition and alienation, which seem to characterize every form of life, whether personal or professional. This outlook puts every person – teachers, students, parents, those in position of leadership – responsible for personal transformation and then institutional and societal transformation.

The commitment of **St. Anthony's College** to an education for transformation is its brainchild, **SILOAM** – the centre for transformational leadership. The formation of **Siloam** is the result of decades of educational experiences and reflection on the task of uniting head and heart, of uniting facts and feelings, of theory and practice, teaching and learning in the task of education.

Features of training programmes

- Training of school teachers in Basic Counselling Skills
- Enhancing the person of the educator – a programme for the faculty of schools and Colleges in helping to understand themselves, the students and their problems, and in the process also enhance the person of the educator
- Career guidance counseling and group training for competitive exams
- Establishing college counseling centres for providing individual and group counseling and awareness counseling in aids, drugs and alcoholism
- Training of teachers of schools for the physically, visually and mentally challenged students
- Parenting skills workshops for parents to deal with age appropriate behavioral and emotional problems of their children
- Education and training of social workers, youth workers and development workers in the fields of family counseling and parenting skills
- Educational assessment and conducting attitude surveys among the youth of the city of Shillong
- Continuing training and capacity building series for teachers and professors

- Life-skills training and Orientation for college students
- Enhancing the self concept and identity of youth through weekend meets
- Developing Assertiveness and communication skills programmes for college youth

Programmes conducted

a. Assistance to individuals

- Counselling and Guidance
- Supervision
- Placement
- Referrals

b. Student Development

- Development of Life skills
- Communication Skills Development
- Assertiveness Training
- Interpersonal Relationships
- Spiritual Renewal
- Personal Counselling

c. Professional Development

- Preparation for competitive examinations
- Career Counselling and Placement
- Entrepreneurship Development Workshops
- Self – employment skills
- Development of IT Skills

- Professional Peer Consultation

d. Faculty Development

- Enhancing the Person of the educator
- Counselling skills training

e. Societal and Environmental

- School and College outreach
- Rural Computer Literacy
- Educational Scholarship
- Remedial Classes
- Counselling in conflict management skills for social development workers.

Future Plans

- Capacity building workshops for students and staff
- Conducting career guidance and counseling for rural students
- Establishing an entrepreneurship Resource Cell
- Residential life skills training camps
- Establishing linkages with Professional Institutions and industry for studies and placement

Collaboration

The efforts of **St. Anthony's College** to promote and strengthen holistic education have received recognition and support from different agencies, which have come forward to collaborate and participate in different programmes. The Foundation for Academic Excellence and Access (FAEA), a Ford Foundation sponsored body, is in collaboration with the College in many programmes for students in **Siloam**. The Rector Major and his

Council (Rome) has supported Siloam especially at the initial stages of its existence in terms of infrastructure. The mission office of the Don Bosco Society at New York, USA is supporting some of the programmes being held at Siloam for youth groups and rural out reach. Apart from financial support and collaboration, Siloam receives support in terms of personnel resources from Bosco Reachout, from the Don Bosco Headquarters in Guwahati, from Don Bosco Institute, Guwahati, from Nazareth Hospital, from the Government of Meghalaya.

In the past year we have had collaborative counseling training programs with the faculty of Psychology, University of San Francisco, USA. The said faculty has committed themselves to collaborate with Siloam in organizing national and international level workshops on psychological issues relating to youth, adults and family. We are also on a collaborative venture with the Portia Bell Hume Centre in California, USA on Conducting Annual Peer Consultation and Staff Support/Evaluation Programs for Professionals in the fields of education, psychological and social services. One of the faculty from the department of Psychotraumatology University Kragenfort, Austria has initiated an annual workshops related to training professionals working in traumatic situations. Other Faculty who are eager to collaborate with us are the Department of Psychology, University of Guam USA, Institute of Spirituality Berkeley, California as well as Educational Resources Centre, New Delhi.