

# ANNUAL QUALITY ASSURANCE REPORT

## (From May 2006-April 2007)

1.0 Introduction: Rangia College has been accredited with **B++ Grade** in 2004. After inspection of the college by NAAC, a future plan has been designed for up gradation of the academic environment in the college campus. The Internal Quality Assurance Cell of this college is taking interest at any academic activities. Faculty members of the college have also been encouraged to take initiative for development of resources of the college.

The report attempts at highlighting some activities of the college done during the period from May 2006-April 2007. It comprises teacher's activities in the field of research, publication, extension, professional and academic seminars and workshops, held in the college campus. Academic activities of students, results, other achievement of students, different competitions and functions held in the college campus, faculty development programs and other extension activities related to students and the human society as a whole are taken into consideration in this report..

### 2.0 Faculty Corner:

**2.1 Teacher's Academic activities:** Teachers of this college are taking interest for improvement of their own resources. Most of the faculty members are doing research for Ph D and M Phil degree besides maintaining of academic atmosphere of the college. A few records of the teacher's academic activities have been included here for necessary information as stated below:

**2.1.1 Ph D Degree Awarded:** The University of Gauhati has awarded the following teachers Ph D degree this year.

<b>Name of Teacher</b>	<b>Topic of the Thesis</b>	<b>University</b>
Dr. Pradip Thakuria, Sr. Lecturer in Zoology	Biodiversity and Synecology of Zooplankton in Flood Plain Lakes of Lower Assam (NE India)	North Eastern Hills University, Shillong
Dr. Pradip Ch. Deka, Sr. Lecturer in Physics	Estimation of Indoor Radon levels in Brahmaputra Valley of Assam	Gauhati University
Dr. Abdur Razzak, Sr. Lecturer in Zoology	Antitumour Activity of Copper Complex BRH <sub>2</sub> Daltons Lymphoma	Gauhati University
Dr. Nirupama Sarma, Sr. Lecturer in Education	An Appraisal of Non-formal Education Programme Assam (With Special reference to Kamrup District)	Gauhati University
Dr. Phukan Ch Basumatary, Sr. Lecturer in Bodo	A Study in Cultural and Linguistic Affinities of the Boros and Rabhas of Assam	Gauhati University

2.1.2 Research for Ph D Degree: The following teachers are doing research for the Ph D Degree till date. Necessary information related to research is given below:

<b>Name of Teachers</b>	<b>Title of the PhD work</b>	<b>University</b>	<b>Since</b>
Gitimoni Deka, HOD, Deptt of Chemistry	Impact of Textile Mill on Soil and Water Quality: A Case Study at Rangia, Assam, India	Gauhati University	2003, Thesis submitted
Dwijendra Nath Deka, Sr. Lecturer in Political Science	Women in Public Sphere-A Study of WomensøEmpowerment Amongst the Bodo Community in North Kamrup Area, Assam	Gauhati University	2004, Thesis submitted
Manoj Kr Singha	Representation and Recognition of Bodo and Rabha phonemes with special reference to some ethnic languages of North East.	Gauhati University	Thesis submitted, 2010
Nityananda Barman, Lecturer in Statistics	A Study of Non-linear Characteristics of Rabha Phonemes	Gauhati University	2005
Jyotiraj Pathak, Lecturer in Political Science	Welfare State and Rights of Children: A Study of Child Labour in Nalbari District	Gauhati University	2004
Rajesh Kumar, Sr. Lecturer in English	Superstition, Myth and Belief in the Novels of R.K Narayan	Bhagalpur University	Finally Registered, 2005
Mr. Daksheswar Deka, HOD, Deptt of Sanskrit	Studies in Taittiriya Upanisad	Gauhati University	Finally Registered, 2005
Mr. Madhurima Das, sr. Lecturer in Philosophy		Gauhati University	

2.1.3 Minor Research Project: North Eastern Regional Office of UGC has conferred Minor Research Projects during the Session 2005-07 under the scheme of 10<sup>th</sup> Plan to the following teachers:

Name of Teachers	Title of the project	Institution	Order No&Year
Dr. Snigdha Sarkar	Studies on Floristic and Ecological Diversity of some less-known Wild Plants with special reference to Ethno-Botany of Boro-Kachari people of Rangia Sub-Division, Kamrup, Assam	NERO, UGC	F-5-118/2005-06
Mr. Manoj Kr Singha	“Development of Agriculture in old Kamrup District comprising Nalbari, Barpeta and present Kamrup District	NERO, UGC	F-5-33/2005-06
Mrs. Gitimoni Deka	Impact of Textile Mill Effluent on Solid and Water Quality: A Case Study at Rangia	NERO, UGC	F-5-21/2005-06
Dr. Hemendra Sarma	Studies of the Flow Behaviour of Waltexs Liquid (Model B)	NERO, UGC	F-5-84/2005-06
Dr. Brajendra Saikia	Microfinance through SHG, The SHG Bank Linkage in Assam: A Case Study of Kamrup District	NERO, UGC	F-5-164/2006-07

2.1.4 Fellowship availed for PhD Degree: (During X<sup>th</sup> Plan)

Name of Teacher	Topic of Research	University	Order No
Debraj Sarma, Sr. Lecturer in Geography	Forest Resources Utilization in Kamrup District, Assam: A Study of Forest Department Villages in NEHU, Shillong	North East Hills University	F.5-56/TF/2003(NERO)/3813
Paritosh Ch. Das, Sr. Lecturer in Mathematics	Studies on Some Fuzzy Real Valued Sequence Spaces and Density of Subsets of Natural Numbers	Gauhati University	F.556/TF/2003(NERO)/1920 29 <sup>th</sup> July 2004
Apurba Kr. Goswami HOD, Deptt of Zoology	A Study of Prawns of Assam and their Fisheries	Gauhati University	F-556/TF/2003(NERO),1920 29/07/2004
Mahendra Kalita, Sr. Lecturer in Physics	Thermophysical Crystallography and Chromatography Properties of Some Potent Medicinal Plant readily Available in N.E India	Gauhati University	F556/TF/2003(NERO)/1920 dt. 29 July 2004

2.1.5 Teachers recommended as Supervisor in M Phil Degree:

<i>Name of Teachers</i>	<i>Department</i>	<i>Institution</i>
Dr.Prem K Singh	Zoology	Periyer Institute of Distance Education (PRIDE), Periyer University Tamil Nadu.636011
Dr Pradip Ch. Deka	Physics	Periyer Institute of Distance Education (PRIDE), Periyer University Tamil Nadu.636011
Dr. Snigdha Sarkar	Botany	Periyer Institute of Distance Education (PRIDE),Periyer University Tamil Nadu.636011
Dr. Hamendra Sarma	Mathematics	Periyer Institute of Distance Education (PRIDE), Periyer University

		Tamil Nadu.636011
Dr. Brajendra Kr. Saikia	Economics	Periyer Institute of Distance Education (PRIDE), Periyer University Tamil Nadu.636011
Dr. Abdur rezzaque	Economics	Periyer Institute of Distance Education (PRIDE), Periyer University Tamil Nadu.636011

### 2.1.6 International Seminar attended by Faculty Members:

#### **Mrs. Gitimoni Deka:**

1. Presented Research paper at International conference on Ecotoxicology & Environmental Sciences, January 15-18, 2007 at Jadavpur University Campus, Kolkata, India

### 2.1.7 National Seminar attended by Faculty Members:

#### **Mrs. Gitimoni Deka:**

1. Presented Research paper, contribution as Poster in National Symposium on Advances in Chemistry and Environmental Impact at Department Of Chemistry, North Eastern Hill University, Shillong held on 2-3, November 2006
2. Presented paper at UGC sponsored National seminar on "Environment: Problems & Panacea" organized by K.R.B. Girls College, Guwahati during 30<sup>th</sup> and 31<sup>st</sup> January 2007

#### **Dr. Pradip Ch. Deka:**

1. Participated National Seminar Cum Awareness Program on "Radiation, Health and Environment" organized by Deptt of Veterinary, Faculty of Veterinary Science, Assam Agricultural University, Khanapara held on April 7-8, 2006

2. Participated National Seminar on "Challenging Frontiers in Applied Zoology" organized by Zoological Society of Assam and department of Zoology, Rangia College held on 25<sup>th</sup> - 26<sup>th</sup> August 2006

3. Participated National Seminar on "Physics of 20<sup>th</sup> Century" organized by Department of Physics, D.K.College, Mirza held on December 18<sup>th</sup>, 2006

**Dr. Rina Barman:**

1. Participated National Seminar on "Challenging Frontiers in Applied Zoology" organized by Zoological Society of Assam and department of Zoology, Rangia College held on 25<sup>th</sup> - 26<sup>th</sup> August 2006

**Mr. Monoj Kr. Singha:**

1. Participated National Seminar on "Physics of 20<sup>th</sup> Century" organized by Department of Physics, D.K.College, Mirza held on December 18<sup>th</sup>, 2006

**Mr. Sarangapani Saikia:**

1. Attended National Seminar on "Value Addition to Bioresources of N.E. India. Post Harvest Technology and Cold Chain" held on 18<sup>th</sup> - 21<sup>st</sup> May 2006 organized by Department of Botany, Gauhati University.

2. Presented paper in the National Seminar on "Challenging Frontiers in Applied Zoology" organized by Zoological Society of Assam and department of Zoology, Rangia College held on 25<sup>th</sup> - 26<sup>th</sup> August 2006

**Mrs. Meherun Nessa:**

1. Attended National Seminar on "Value Addition to Bio resources of N.E. India, Post Harvest technology and Cold Chain" held on 19<sup>th</sup> & 21<sup>st</sup> May, 2006 organized by Department of Botany, Gauhati University
2. Participated National Seminar on "Challenging Frontier in Applied Zoology" organized by Zoological Society of Assam and department of Zoology, Rangia College held on 25<sup>th</sup> & 26<sup>th</sup> August 2006

**Dr. Snigdha Sarkar:**

1. Participated National Seminar on "Value Addition to Bio-resources of N.E India, Post Harvest technology and Cold chain" organized by Department of Botany, Gauhati University and Assam Service technology & Environment Council, Guwahati held at Department of Botany, Gauhati University on 19-21<sup>st</sup> May 2006
2. Participated National Seminar on "Challenging Frontiers in Applied Zoology" organized by Zoological Society of Assam and Department of Zoology, Rangia College held on 25<sup>th</sup> & 26<sup>th</sup> August 2006 at Rangia College, Rangia

**Mrs. Monowara Begum:**

1. Participated National Seminar on "Challenging Frontiers in Applied Zoology" organized by Zoological Society of Assam and Department of Zoology, Rangia College held on 25<sup>th</sup> & 26<sup>th</sup> August 2006 at Rangia College, Rangia

**Mrs. Ranjita Tamuli Talukdar:**

1. Presented paper on "Income generating activities for women: A case study of Gram Swaraj Parishad, Rangia" in UGC sponsored National Seminar on the theme "Rural development throughout Women Empowerment with special reference to North-east" organized by B.H. College Howly held at 10<sup>th</sup> & 11<sup>th</sup> February, 2006

**Dr. Phukan Ch Basumatary:**

1. Participated and presented paper in the National Seminar on Importance of Language in Restructuring of Society in the North Eastern States of India organized by the North Eastern Regional Language Centre, Nov 25<sup>th</sup> -26<sup>th</sup> 2006 at Silapathar College, Silapathar

**Mrs. Lakshmi Lahkar:**

1. Presented paper on the topic "Women and Environmental Awareness: A case Study in Rangia Town, Kamrup, Assam" in UGC sponsored National Seminar on Environmental Problems and Panacea held on 30<sup>th</sup> & 31 January, 2007 organized by KRB Girls College Guwahati

2. Participated National level Seminar on "Bio-Diversity and Its Conservation, Management and sustainable utilization with special reference to NE India" organized by Bajali College, Pathsala

**2.1.8 Different Seminars (Other than International & National) attended:****Mrs. Gitimoni Deka:**

1. Presented paper at UGC sponsored seminar on "Attracting students/teachers to utilize college library Resources and Services with special reference to Assam" at Rangia College on 21<sup>st</sup> December 2006

2. Delivered Lecture on "Why we read Chemistry" in "Regional Science meet, 2006" at Sankardev Sishu Niketan, Rangia on 15<sup>th</sup> October, 2006, Organized by Assam Sishu Siksha Committee

**Dr. Pradip Ch. Deka:**

1. Attended seminar on "The need of Commercialized Plantation and Cultivation of Medicinal and Aromatical Plants" organized by Rangia College, Rangia and the Kamrup Argo-Plant Multipurpose Society, Rangia held on 29<sup>th</sup> Nov 2006

**Mrs. Aparna Konwar:**

1. Attended seminar on "Education in human values" organized by the Sri Satya Sai organization, Assam, Manipur and N.E. state held at Cotton College on 28<sup>th</sup> January 2007

2. Attended seminar on "The need of commercialization plantation and cultivation of medicinal and aromatic cal plants" held at Rangia College, Rangia on 29<sup>th</sup> Nov 2006

3. Attended U.G.C. sponsored state level seminar on "Attracting students/teachers to utilize college library resources and services with special reference to Assam" at Rangia College on 21<sup>st</sup> December 2006

**Mr. Sarangapani Saikia:**

1. Attended UGC sponsored state level seminar on "Attracting students/teachers to utilize college Library Resources and Services with special reference to Assam" organized by all Assam College Librarians' Association and Rangia College, Rangia, Assam held on 21<sup>st</sup> December 2006

**Mrs. Meherun Nessa:**

1. Attended UGC sponsored state level seminar on "Attracting students/teachers to utilize College Library resources and services with special reference to Assam" organized by All Assam College Librarians' Association and Rangia College, Rangia, Assam held on 21<sup>st</sup> Dec. 2006



2. Participated seminar on "The need of commercialized plantation and cultivation of Medicinal and Aromatic plants" organized in collaboration with the Kamrup Agro-Plant Multipurpose Society, Rangia held on 29th Nov 2006

**Dr. Snigdha Sarkar:**

1. Participated as a Rapporteur in UGC sponsored state level seminar on Attracting students/teachers to utilize College Library Resources and services with special reference to Assam organized by All Assam College Librarians association & Rangia College, Rangia, Assam on 21<sup>st</sup> Dec, 2006

2. Participated seminar on "The need of commercialized plantation and cultivation of Medicinal and Aromatic plants" organized in collaboration with the Kamrup Agro-Plant Multipurpose Society, Rangia held on 29th Nov 2006

**Mrs Lakshmi Lahkar:**

1. Presented paper on the topic "Environmental Awareness and health of rural Women: A case Study of Rural Women in Rangia Kamrup, Assam" in UGC sponsored Seminar on Challenging Frontiers in Applied Zoology organized by Zoological Society of Assam and Rangia College held on 25<sup>th</sup> & 26<sup>th</sup> August 2006

2. Presented paper on the topic "Role of Colleges of Teachers' Education-A Case Study of Kamrup, Assam" in 15<sup>th</sup> Annual Conference NEIES, Regional Conference in Aizawl on "Planning and Management of Education in North-East India, Problems and Prospects" held on 26<sup>th</sup> & 27<sup>th</sup> Octo. 2006 organized by Mizoram University, Aizawl

**Dr. Dipali Devi:**

1. Attended U.G.C. sponsored state level seminar on "Attracting students/teachers to utilize college library resources and services with special reference to Assam" at Rangia College on 21<sup>st</sup> December 2006

**Mr. Rajesh Kumar:**

1. Attended U.G.C. sponsored state level seminar on "Attracting students/teachers to utilize college library resources and services with special reference to Assam" at Rangia College on 21<sup>st</sup> December 2006

**Mr. Hrishikesh Choudhury:** 1. Attended U.G.C. sponsored state level seminar on "Attracting students/teachers to utilize college library resources and services with special reference to Assam" at Rangia College on 21<sup>st</sup> December 2006

**Mrs. Ranu Choudhury:**

1. Attended UGC sponsored state level seminar on "Attracting students/teachers to utilize College Library resources and services with special reference to Assam" organized by All Assam College Librarians' Association and Rangia College, Rangia, Assam held on 21<sup>st</sup> Dec. 2006

2. Participated seminar on "The need of Commercialized Plantation and Cultivation of Medicinal and Aromatic Plants" organized by Rangia College in collaboration with the Kamrup Agro-Plant Multipurpose Society, Rangia held on 29th Nov 2006

**Mr. Dwijendra Nath Deka:**

1. Presented paper at UGC sponsored Seminar on "Attracting students/teachers to utilize college library resources and services with special reference to Assam" at Rangia College on 21<sup>st</sup> December 2006

**Mr. Jyotiraj Pathak:**

1. Attended UGC sponsored state level seminar on "Attracting students/teachers to utilize College Library resources and services with special reference to Assam" organized by All Assam College Librarians' Association and Rangia College, Rangia, Assam held on 21<sup>st</sup> Dec. 2006

**Mrs. Mira Sarma Patgiri:** 1. Attended U.G.C. sponsored state level seminar on "Attracting students/teachers to utilize college library resources and services with special reference to Assam" at Rangia College on 21<sup>st</sup> December 2006

**Mr. Bhupendra Nath Sarma:**

1. Attended U.G.C. sponsored state level seminar on "Attracting students/teachers to utilize college library resources and services with special reference to Assam" at Rangia College on 21<sup>st</sup> December 2006

2. Participated seminar on "The need of commercialized plantation and cultivation of Medicinal and Aromatic plants" organized in collaboration with the Kamrup Agro-Plant Multipurpose Society, Rangia held on 29<sup>th</sup> Nov 2006

2.1.9 Workshops/ other Programmes attended by the Faculty Members:

**Mrs. Gitimoni Deka:**

1. Participated National Workshop on Green Chemistry Practices and their Applications at Department of Chemistry, Cotton College, Guwahati from 1<sup>st</sup> April to 4<sup>th</sup> April 2007, Sponsored by DST, Govt. of India

2. Participated UGC sponsored National Workshop on Computers in Chemistry, organized by Department of Chemistry, Cotton College, Guwahati from 5<sup>th</sup> June to 7<sup>th</sup> June, 2006

**Dr. Rina Barman:**

1. Participated UGC sponsored Sub-Regional Workshop on "Capacity Building of Women Managers in Higher Education" organized by Saraighat College, Changsari held on December 18<sup>th</sup> - 22<sup>nd</sup>, 2006

**Mrs Aparna Konwar:**

1. Participated DST sponsored National Workshop on "Green Chemistry Practices and their Applications" held at Cotton College from 1-4 April 2007

**Dr. Snigdha Sarkar:**

1. Participated Workshop on "Bioinformatics and its Future Prospects" held at Gauhati University organized by Department of Botany, Gauhati and DOEACC center, Guwahati, Tezpur on 9th June 2006

**Dr. Phukan Ch Basumatary:**

1. Participated as language expert in the Workshop on preparation of Intensive Course materials in Bodo language organized by the North Eastern Regional Language Centre, Guwahati, March 6-20, 2006

**Dr. Nirupama Sarma:**

1. Participated workshop on "Capacity Building of Women Managers in Higher Education" held on 18th - 22nd December 2006

2. Attended workshop on "Mental Health among College Students" on 10<sup>th</sup> March 2007

2.1.10 Publications (Research papers, Books & Popular writings etc.):

**Mr. Dwijendra Nath Deka:**

1. Published contributory article in INCCA occasional papers- Social Unrest, Proceeding of the First Inter Congress, Published by Indian National Confederation and Academy of Anthropologist, Kolkata, First Published February, 2006, pp 271- 285

**Dr. Pradip Thakuria:**

1. Title of the paper “**Rotifers diversity in a Tropical Floodplain lake of Lower Assam (N.E. India)**” published in the National seminar on “**Challenging Frontiers in Applied Zoology**” held at Rangia College on 25<sup>th</sup> & 26<sup>th</sup> August 2006.

2. Accepted a research paper entitled “**Ecology of Zooplankton in a tropical floodplain lake of Assam (N.E. India)**” by Zoosø Print Journal of Zoo Outreach Organization, Coimbatore, Tamil Nadu-641004 vide manuscript no. 1767

**Dr. Abdur RazzaK:**

1. -Determination of lifespan of Daltonø Lymphoma implanted White Mice using BRH<sub>2</sub>ø in the proceeding of conference & National seminar of Zoological Society of Assam

**Mr. Sarangapani Saikia: (Research papers & popular articles)**

1. Published a paper on øMedicinal plants of North Kamrup District of Assam, used in primary health care systemö in Indian Journal of traditional Knowledge Vol. 5(4), Oct 2006, pp. 489-493

2. Published a paper on øPhysico- Chemical Environment and Exploitation of Fishery in some Beels of Barpeta District of Assamö in the proceedings of the seminar organized by the Zoological Society of Assam & Department of Zoology, Rangia College, held on 25<sup>th</sup> ø26<sup>th</sup> August 2006

3. øBlack Pepper - King of Spicesö -a popular article published in the Souvenir in 10<sup>th</sup> Biannual Conference of Assam College Librariansø Association organized by Rangia College Library Association in Dec 2006

**Mrs. Meherun Nessa: (Abstract)**

1. Abstract published in the proceedings of National Seminar on "Challenging Frontiers in Applied Zoology" organized by Zoological Society of Assam and Department of Zoology, Rangia College held on 25<sup>th</sup> - 26<sup>th</sup> August 2006

**Dr. Snigdha Sarkar: (Research papers & Popular articles)**

1. Research paper on "Medicinal plants of North Kamrup District of Assam, used in primary health care system" published in Indian Journal of traditional Knowledge Vol. 5(4), Oct 2006, pp. 489-493

2. Article on "Traditional Knowledge Digital Library" published in the souvenir in 10<sup>th</sup> Biannual Conference of Assam College Librarians' Association organized by Rangia College Library Association in Dec 2006

**Dr. Pradip Ch. Deka:**

1. Research paper on "Study of Indoor Radon and Thoron Progeny Levels using LR-115 (type II) Solid State Nuclear Track Detectors in Some Dwellings in and around Guwahati Hilly Region" published in International Journal "Environmental Geochemistry", Vol-9 (1), pp. 56-59, 2006

2. Research paper on "Study of Indoor Radon, Thoron and their Progeny Concentration Levels in the Surrounding Areas of Mangaldoi, Assam" published in the Journal of Chemical and Environmental Research, Vol. 15, No. 3&4, 2006, p 292-305 (Published from INDIA)

**Mr. Manoj Kr. Singha:**

Research paper on the topic “**A measure of non-linear Characteristics of Rabha phonemes**” published in the Journal of the Gauhati University Teachers’ Association, Vol-xvi, 2006-07, page-97-102

**Mr. Paritosh Ch. Das: (Research paper accepted for publication)**

1. Research paper on the topic *Statistically Convergent Difference Sequence Spaces of Fuzzy Real Numbers* accepted in the International Journal *Fasciculi Mathematici*, Institute of Mathematics, Poznan University of Technology, Piotrowo 3A, 60-965 Poznan, Poland
2. Research paper on the topic *Some Classes of Difference Sequences of Fuzzy Real Numbers* accepted in the International Journal *Fasciculi Mathematici*, Institute of Mathematics, Poznan University of Technology, Piotrowo 3A, 60-965 Poznan, Poland
3. Research paper on the topic *Statistically Convergent Sequences of Fuzzy Real Numbers* accepted to publish in the J. Fuzzy Math., The Journal of Fuzzy Mathematics, 44 East Beechwood Avenue., Oaklyn, NJ, 08107, USA

**Dr. Phukan Ch. Basumatary:**

1. Myth extant among the Boros and the Rabhas (translated into Hindi). This paper is published in an anthology of papers ‘Loka’ published by Shilpayan, New Delhi-110032, June 2006
2. Folklife and Folk-culture of the Boros as reflected in the Verse Narratives (translated into Hindi). This paper is published in an anthology of papers ‘Loka’ published by Shilpayan, New Delhi-110032, June 2006
3. Affinities of some Morphological Features of Boro and Assamese (in Ass). This paper is published in ‘Pul nchi’ a research journal of the Institute of Tai Studies and Research,

Moran, Sivsagar, July 2006, edited by Prof Bhimkanta Baruah, Dibrugarh University, Assam

4. Lexical similarities of Boro and Assamese Language (in Ass). This paper is published in an anthology of papers "Tulanamulak Bhasa Adhyayan" published by Dibrugarh University, 2006 edited by Prof Bhimkanta Baruah, D.U

5. Regional Dialect of the Rangia Sub-Division: A sociolinguistic Analysis (in Ass). This paper is published in an anthology of papers "Asomar Upabhasa" published by the Publication Department of Gauhati University, 2006 edited by Prof Dipti Phukan Patgiri

**Mrs. Gitimoni Deka:**

1. Published an article in Assamese bimonthly Science Magazine "Bigjan Jeuti, Year 41, Issue 1, June-July, 2006

**2.1.11 Involvement in different extension activities:**

**Gitimoni Deka:**

1. Member, Indo-US Green Chemistry Chapter, New Delhi
2. Judge at National Science Congress- District level, at Kumarikata, Barga District, on 24<sup>th</sup> September 2006
3. Published Vol 16-1, Vol 17-1 (In the year 2006-2007), as Editor, "Chemistry Education (ISSN 0971-7498)"
4. EC member, Society for Chemical Education, Assam
5. Life Member, Indian Association for Chemistry teachers

**Dr. Hitesh Barman:**

1. Member of the Faculty of Science, G.U. 2006-2007



2. Management committee member of M.Sc. Env. Science course under PGCS, G.U., 2007
3. Director of a seminar on "Possibility of rural socio-economic development of Assam and N.E. through a Commercialized plantation and cultivation of medicinal and aromatic plants" at Rangia College, 2006
4. Jt. Secretary, Society for Chemical Education 2006-2007
5. Convener of a seminar on "Career counseling" at Rangia College, 2007
6. Resource person in the Coaching classes for UGC (NET) Exam-2006-07 under G.U
7. Resource person in the English teaching certificate course at Rangia College, 2007
8. Co-coordinator, Placement Cell, Rangia College, 2007
9. In charge, Udyog Jyoti Achani-07 at Rangia College, 2007

**Mrs. Lakshmi Lahkar:**

1. Convenor, WSRC, Rangia College 2006-08
2. Resource Person in Matri Sanmilan organized by Sankardev Sishu Niketon Tulsibary on 17<sup>th</sup> May 2006
3. Life Member and Cultural Secretary of Sadau Assam Lekhika Samaroh Samittee, Rangia Branch

**Dr. Nirupama Sarma:**

1. Lecture delivered on the topic of *Role of Women in the Society* on 8<sup>th</sup> March 2007 in International Women Day organized by Fatima Convent, Catholic Mission, Rangia

**Mrs. Ranu Choudhury:**

1. Acted as Guide of Model Designing involved by a group of students of Modern English School, Rangia in Science Exhibition and Traditional Mela to observe the

National Science Day, 2007 supported by NCSTC, Department of Science and Technology, Govt. of India, New Delhi organized by PRITHVI (a Human Resource Development Society) in association with Assam Science Technology and Environment Council, Guwahati held on 29<sup>th</sup> April 2007 at Rangia Girls HS School

**Dr. Phukan Ch Basumatary:**

1. Popular talk delivered on the topic: *Cultural Affinities of the Boros and the Rabhas of Assam*, at Vivekananda Kendra Institute of Culture, Guwahati-1, on September 3, 2006

**Mr. Jyotiraj Pathak:**

1. Awarded Post Graduate Diploma in Human Rights under Indian Institute of Human Rights, New Delhi, 2006

**2.1.12 Refresher Course & Orientation Programme Attended:**

**2.1.12.1 Refresher Course:**

**Dr. Snigdha Sarkar:**

1. Participated in the Refresher Course in Life science on Thrust Areas: "Exploring the vistas in Life science" organized by UGC-ASC, University of Calcutta, Kolkata-9 during Feb 05 to 24<sup>th</sup>, 2007 in the Department of Botany, University of Calcutta, Ballygunge, Kolkata 69

**Mr. Rajesh Kumar:**

1. Participated in the Refresher Course organized by the Academic Staff College, Patna University, Bihar from 30<sup>th</sup> March-19<sup>th</sup> April, 2007

**Dr. Phukan Ch. Basumatary:**

1. Participated in the Refresher Course from 28<sup>th</sup> January to 18<sup>th</sup> February 2007 conducted by the Academic Staff College, Gauhati University

**Mr. Jyotiraj Pathak:**

Participated in the Refresher Course in Political Science from 20<sup>th</sup> march to 12<sup>th</sup> April, 2007 conducted by the ASC, Aligarh Muslim University

**2.1.12.2 Orientation Programme:****Mr. Hrishikesh Choudhury:**

1. Participated in the Orientation Programme from 6<sup>th</sup> November 63<sup>rd</sup> December 2006 conducted by the Academic Staff College, Gauhati University, Assam

**3.0 Extension Activities:**

**3.1 World Literacy Day observed:** The "World Literacy Day" was observed under the aegis of WSRC, Rangia College on 8<sup>th</sup> September 2006. A daylong programme was observed in the premise of Rangia College in presence of students and teachers of the college. Mrs. Madhurima Das, Convenor of the cell, Dept. of Philosophy, chaired the programme. Mrs. Lakshmi Lahkar, Dept of Education and Sri Daksheswar Deka, HOD, Dept. of Sanskrit delivered speeches on problems of illiteracy and its impact on the society as resource person of the meeting.

**3.2 Aids Day Observed:** World AIDS Day was observed at the college campus organized by the Women Studies Research Cell, Rangia College on 1<sup>st</sup> Dec 2006. A large number of students, teachers and employees of the college attended the program. Mr. Daksheswar Deka, HOD, Deptt of Sanskrit presided over the meeting. Speaking on the occasion, Lakshmi Lahkar, Senior lecturer, elaborated in detail about the greatest scourge of mankind and how the young generation can prevent them from it. Monoj Kr. Singha, who was the resource person, spoke chiefly on the need of information of sex education while preventing AIDS. He later answered queries put by the students about AIDS and its

related problems. Among others who spoke on the occasion included Prof Bhaben Lahkar, Dr. Snigdha Sarkar etc.

**3.3 International Womens' Day Observed:** International Women's Day was observed at 20 Bongaon LP School premises under the aegis of Women's Studies Research Cell, Rangia College with a daylong programme.

A meeting on the occasion was attended by teachers of Rangia College, besides a large section of women of Bongaon, Baghbari and Sahan. Presided over by the convenor of the body Dr Rina Barman, she remarked that despite a large section of women getting them placed at suitable positions in different fields, still the threat to women in various walks of life was prevalent in the society.

Speaking on the occasion Monoj Kr. Singha, one of the resource persons highlighted the need for right to information and related knowledge of the Act to be known by the people, especially the fair sex. Advocates Dipali Barua, being present as the other resource person highlighted the role of mother in shaping a stable and secures society. Continuing, she added, " we also need to know about **Domestic Violence Act** for curbing atrocities against women". Sri Daksheswar Deka, H0D, Dept of Sanskrit, mentioned in his speech that mother is the first 'Guru' of a child. So, there should be an equal status of both women and men. Mrs Lakshmi Lahkar, dept of Education, also spoke on the occasion.

Later, a computer set was donated by '**Nascent**', an NGO to the study circle coinciding with the occasion.

**3.4 Activities of Economic Study Forum:** The Department of Economics and its Study Forum organized popular talk on *Hygiene, Population Control for Creating Awareness*

*among the Students* and conducted socio-economic survey in some villages near by college. Seminars and Group discussions were held among the students of the department during the session. The Faculty members conducted survey works on Environmental studies in taking students from other Departments.

**3.5 Activities of Political Science Forum:** During this session, the Political Science Forum conducted different types of activities like Field Visit, Academic Excursion, Survey works related to Socio-political and Eco-political aspects.

#### 4.0 Rangia College Library:

**4.1 Present Number of Books:** The Rangia College library has introduced Computer facility service in August 1, 2004. Data entry process has been started as a first phase. The library has accommodated a huge number of valuable books of different subjects and disciplines. The present numbers of books are 42, 752 (as per record of data entry).

**4.2 Seminar organized:** The library organized UGC sponsored seminar on the topic "Attraction of Students/Teachers for Utilization of College Library Resources with special reference to Assam" held on 21<sup>st</sup> December 2006. Dr. Narendra Lahkar, HOD, Library and Information Science, Gauhati University chaired the First Technical Session of seminar and Dr. Alaka Buragohain, former HOD, Library and Information Science, Gauhati University chaired the second Technical Session.

#### 5. 0 Student Corner:

##### 5.1 Results during the Session 2006-07:

<i>Stream</i>	<i>No of Students appeared</i>	<i>Passed</i>	<i>No of Outstanding Result</i>
BSc III Yr.	08	04	01
BA III Yr.	152	102	02

BCom IIIYr	03	02	
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### 5.2 List of students having Outstanding Result:

<i>Stream</i>	<i>Name of the student</i>	<i>Subject</i>	<i>Category of Result</i>
Science	Miss Janki Sah	Zoology	1 <sup>st</sup> Class with Distinction
Arts	Mr. Gautam Haloi	Sanskrit	1 <sup>st</sup> Class with Distinction
	Syda Syratun Nessa	Arabic	1 <sup>st</sup> Class

5.3 Unit Test: Three phases of Unit Test were held especially for the Major students of all subjects during the academic session. It is worth to mention that the Unit Test had been conducted as per suggestion and recommendation of the Academic Advisory Committee of the college.

6.0 Rangia College Internal Quality Assurance Cell (IQAC): The National Assessment and Accreditation Council, for quality up gradation of institution of higher education, proposed to establish an Internal Quality Assurance Cell (IQAC), which will work towards realizing the goals of quality enhancement. The prime task of the IQAC is to develop a system of conscious, consistent and catalytic improvement in the performance of the institution. The IQAC will make a significant and meaning full contribution in the post accredited phase of the institution. Taking interest to this point, Rangia College formed a committee of IQAC. The present committee of IQAC has constituted comprising the following members:

1. Mr. Amarendra Kr. Sarma, Principal, Chairperson
2. Dr. P. Ashok Babu, SDO, Rangia Sub-Division
3. Mr. Ananda Dev Goswami, Educationist

4. Dr. Samedur Rahman, G.B. Member
5. Dr. A. Rezzaque, Head of the Department of Economics
6. Mr. Daksheswar Deka, Head of the Department of Sanskrit
7. Mr. Bhupendra Nath Sharma, Head of the Department of Philosophy
8. Dr. Pradip Chandra Deka, Head of the Department of Physics
9. Dr. Hitesh Barman, Sr. Lecturer, Department of Chemistry
10. Dr. Pradip Thakuria, Sr. Lecturer, Department of Zoology
11. Mrs. Gitimoni Deka, Head of the Department of Chemistry
12. Mr. Monoj Kr. Singha, (Co-ordinator), Sr. Lecturer, Department of Physics
13. Mr. Dinesh Lahkar, Sr. Lecturer, Department of Economics
14. Dr. Snigdha Sarkar, Sr. Lecturer, Department of Botany
15. Mrs. Kamala Barman, Sr. Lecturer, Department of Geography
16. Dr. Ibrahim Ali, Sr. Lecturer, Department of Arabic
17. Mr. Saragapani Saikia, Head of the Department of Botany
18. Dr. Hemendra Sarmah, Sr. Lecturer, Department of Mathematics
19. Mr. Jogendra Prasad Sharma, Accountant
20. Dr. Phukan Ch. Basumatary, Sr. Lecturer, Deptt of Bodo

#### 7.0 Departmental Seminar and Workshop:

**1. Department of Botany:** The Department of Botany organized Seminar Cum Workshop On November 29th, 2006 on the topic: "Possibility of Rural Socio- Economic Development of Assam and the North-east through a Commercialized Plantation and Cultivation of Medicinal and Aromatic Plants: A Motivational Impetus to the Rural Youths" in collaboration with "Kamrup Agro-plant Multi purpose Society" a NGO. Sri

Thaneswar Boro, Chairman of the Society was the Co-ordinator of the seminar and Sri S.P. Saikia, Head, Department of Botany acted as a Joint Co-ordinator.

In the inaugural speech of the seminar, the Chief Guest Smt Pramila Rani Brahma, Honøble Minister, Agriculture & QPT & BC (Assam) emphasized on the motivational trust to the rural youths for adopting a project of extensive and commercialized plantation and cultivation of most valuable and useful **Medicinal and Aromatic Plants** with a view to improve the Rural socio- economic condition of Assam and the North-east. Smt. Brahma urged the need of Plantation and cultivation of some medicinal plants like Amlkhi, Silikha, Bhomora, Mahaneem, Arjun, Ashok, Sonaru (Sishu); some aromatic plants like Agar, chandan, Korpur (Camphor), Eucalyptus, Citronella, Pachauli ( Pogostemon), Gondh- Birina, Tulsi etc and some special plants like Ada ( Ginger), Haladhi ( Turmeric), Jaluk ( Piper), Jeera (sauf), long ( Clove) etc. which are commercially very important and highly profitable. She also expressed her commitment to the rural youths for any help/assistance from the Government for implementation of the schemes/projects.

She also mentioned a few medicinal plants found locally in Assam and its industrial products are as follows:

1. *Aloe barbadensis* Ghritakumari, Chalkuari
2. *Andrographis paniculata*, Kalmegh
3. *Asparagus racemosus*, Satmul
4. *Azadirachta indica*, Mahanim
5. *Bacopa monneiri*, Brahmi
6. *Catheranthus roseus*, Nayantora



7. *Carica papaya*, Omita
8. *Cinnamomum Sp.* Dalchini, tezpat
9. *Curcuma longa*, Haldi
10. *Emblica officinalis*, Amlakhi
11. *Mentha piperata*, Podina
12. *Ocimum sanctum*, Tulsi
13. *Rauvolfia serpentina*, Sarpagandha
14. *Saraca asoka*, Ashok
15. *Camellia sinensis*, Chahgoch (Tea plant)

In the first technical session, the resource person, **Dr. Maniruddin Ahmed**, Sr. Scientist, NEDFi, R & D center for medicinal and aromatic plants, Khetri elaborately discussed some success story like Menthol **Mint** plant of Uttar Pradesh where the sustainable production of Menthol Mint oil made India a Global leader which cater to the 80% global need equivalent to 6.40 billion in terms of essential oil.

Dr. Maniruddin Ahmed in his speech highlighted some crops that can be grown in some cultivable wasteland, unutilized vacant space sand cast areas of riverine tracts etc. also can be taken under joint forest management programme (JFM)

**2. Department of Zoology:** The Department of Zoology of Rangia College organized a National Seminar on "Challenging Frontiers in Applied Zoology" in collaboration with Zoological Society of Assam held on 25<sup>th</sup> & 26<sup>th</sup> August 2006 at Rangia College, Rangia. Dr. A.K Baruwa, Director of Assam Science Technology and Environment Council (ASTECC) inaugurated the seminar. Sri Ananta Deka, MLA of Rangia Assembly Constituency and Sri Pranab Kalita, MLA of Palashbari Assembly Constituency graced

the occasion. The seminar comprised three Scientific Sessions. In the first session, Prof B.K Sharma, Department of Zoology, NHEU, Shillong, a recognized Limnologist delivered a Key Note address on the topic "Water Resource of NE India and its Scientific exploitation" followed by another invited lecture on "Biodiversity Conservation of Manas National Park" by Mr. Abhijit Rabha, Director of Manas National Park. The second session was initiated by Dr. M N Baruah, a reputed Oncologist delivered a lecture on Tobacco and Cancer followed by another invited talk by Dr. Madhurjya Thakur, Gauhati Medical College and Hospital on Biological Hazards of Radiation. The third scientific session was initiated by Dr. Hirendra Nath Sarma, Head, Department of Zoology, Rajib Gandhi University, Arunachal Pradesh spoke on the topic "Excess steroidal exposure causes post fetal endocrine disruption and reproductive disorder in female" on the next day.

## 8.0 Financial Assistance Received from different Agencies during the

### Session 2006-07:

Funding Agency	Year 2006-07	Amount
UGC	MRP Grant	20,000/-
	National Seminar	8,000/-
	P.T.A.C	11,403/-
	T.F Grant	60,000/-
	Salary of substitute teacher	2,40,000/-
	Women Hostel Building	5,00,000/-
	Construction of Class room	2,63,500/-
	Assam college library biennial conference	67,500/-
State Govt	Untied fund of Rangia LAC	7,20,000/-
	MP LADE scheme	2,50,000/-
Central Govt.	Ministry of Youth affairs of sports	2,70,000/-
NAAC	To Strengthen IQAC	40,000/-
Assam Science Society/technology	NEAC project	4,800/-

Assam Science & Environment council		10,000/-
<b>Total</b>		<b>24,65203</b>

**Annual Quality Assurance Report**  
**May 2006-April 2007**



**Submitted by**  
**IQAC**  
**RANGIA COLLEGE, RANGIA**  
**ASSAM**