



Department of Political Science at a glance

Political Science as a subject was introduced in the college at the time of the inception of J.N.College, in the year 1964. The department sets its broad objectives and goals keeping in view the fundamental needs of the institution and surrounding area.

The main aim and objectives of the department are to impart education and to prepare the students for further higher education and also to enhance their knowledge for overall development so that they can provide service for the development and growth of the nation. The department has also been contributing significantly towards making people politically aware.

The department came into operation in the year 1964 and since then it has been catering to the needs of a great number of students. The department got a new direction into its pursuit of academic excellence with the opening of Major course in the year 1990-91. Mr Madan Choudhury was the founder lecturer of the department in the year 1964. He was succeeded by Gobinda Chandra Das who served the department from August 1965 to September 1965. Mr. Raisuddin Ahmed joined the department on November 1965. Increase in the enrolment in the department along with the introduction of the three years degree course necessitated one more hand and as such Mr. Dinesh Chandra Sarma a brilliant scholar and reputed teacher was introduced to the department on August 1966. Mr. Raisuddin Ahmed left the department to joined the Assam Civil Service. Mr. Keshab Ranjan Nath joined the department for a brief spell of time from December 1970 to January 1972. Thereafter Lakshi Probha Gogoi joined the department for a short period and rendered her service till August 1975. Mr Dayananda Das joined

the department for three months only form September to November 1975. Thereafter Mrs Ruma Deka joined the department on July 1976 and served it till April 1977. In April 1977 Mr Mozibar Rahman joined the department as a second man of the department and continued to serve along with Mr. Dinesh Sarma, the then Head of the Department of Political Science. But after the demise of Mr. Sarma Mrs. Mahisha Bhattacharya filled up the vacancy of the department from September 1984. Mrs. Bhattacharya continued to serve the department from September 1984 to August 1989 and left the department to join her new assignment in the department of Political Science, North Guwahati College.

Mr. Prabodh Chandra Das, a post graduate of Gauhati University joined the college in September 1989. Mr Praneswar Nath and Mr. Atanu Hazarika were introduced to this department in the year 1991 and 1994 respectively. Mr. A. Hazarika left the college in 2004. Mr. M. Rahman retired from his service in September 2013. After his retirement Mr. P.C.Das has been entrusted with the headship of the department from October 2013. At present Mr. P.C Das has been serving the college as Associate Professor. Besides attending a few State Seminars & conferences, he has participated in a number of workshops conducted by different college all over Assam. Moreover Mr. Das is now involved in a project "SIRD" related to Panchayat Activities under the Govt. of India for last four years at a stretch. Dr. Praneswsar Nath now an Associate Professor, who has been serving this college since 1999 obtainted his Phd. Form GU in 2006. Dr. Nath has so far published about five research papers.



Besides writing a number of articles relating to socio-cultural political aspects, he has also written more than eleven books including "Life and Philosophy of Dr. Bhupen Hazarika" "Dr. Bhabendra Nath Saikia" : Shrasta Aru Drasta", "Contemporary Political issues" in Assamese . Further Dr. Nath has edited some Souvenirs including a few for this college. A few research scholars have already obtained M. Phil Degrees under his supervision.

Mr. Bijan Rabha and Miss Ajanta Thakuria are at present serving this college as part time lecturers of the department. The teachers of the department have established a departmental library for the benefit of the students of the department. The teachers and some ex-students of the department have donated the books to the library. Moreover, the teachers and the students

of the department jointly constituted the Political Science Forum which came into existence on 30th December 2002 the motto of which is to bring political awareness promote and spread educational activities of teachers, students and various other organizations to achieve academic excellence by holding seminar, symposium, debate, discussions and interaction within the groups.

The department has made an attempt to improve the quality of the students as well as the teachers. Accordingly the department has been able to produce more than one hundred graduates with major for the last few years.

The joint endeavour of the teachers and students is sure to be crowned with success ,

Long live the Department of Political Science
Long life Jawaharlal Nehru College, Boko.



‘ যি দেশ, যি জাতিয়ে তিবোতাক সন্মান নকৰে, সেই দেশ বা জাতি মহান হ'ব পৰা নাই আৰু ভৱিষ্যতেও হ'ব নোৱাৰে।’

— স্বামী বিবেকানন্দ



DEPARTMENT OF PHYSICS AT A GLANCE

About the Department:

With the endeavor of people of the locality, the staff of the college and the former principal J.C. Nath, the science stream of JN College was started in the year 1986 and it started functioning from the 1st Sep' 1986 with only 20 students on the roll in H.S. and was inaugurated on the 6th October 1986. Along with the science stream the Physics Department came into existence.

It was landmark of the opening the science stream in the history of college but owing to the limited financial resources of the college it couldn't take necessary steps to open the degree course in science until 1993. However, the constant confident approach and dedicated effort of the faculty of science present at that time, the College authority decided to open the B. Sc. Course (TDC) and hence a proposal for permission to open the said course before Gauhati University in 1993. With the permission of Gauhati University the B. Sc. course was started from the session 1993-94 with only 8 students. The science stream of the College got deficit-in-aid on 25th March, 1998 and it was memorable day for the Department along with the science stream. The Department of Physics introduced major course in physics from session 2007-2008.

At first the Department of Physics was situated at the old science building along with other science department and after that it was shifted to the old library building and then later shifted again to its present location in 2013. During the period from 1986 to 1991 lots of faculty members gave their valuable services. The faculty members were as follows: Miss. Utpala Barman, Mr. Pallab Ch. Goswami, Mr. Ghana Kanta Medhi, Miss. Chitalekha Talukdar, Miss.

Minati Barman, Mr. Surajit Baruah and Miss. Gitanjali Deka Konwar. At present there are four permanent faculty members in the Department. Now the Department has been teaching in Major and General Courses in Physics in prescribed credit based semester system under Gauhati University syllabus. The infrastructure of the Department is very limited but well equipped with most of the instruments required for Major and General B.Sc. courses as well as Higher Secondary courses. Moreover the Department has its own small departmental library. The teaching staff donates the books for the betterment of the students as a whole and also for references.

Department at a Glance

1. Name : Physics Department
2. Year of Establishment : 1st September, 1986
3. Courses offered : B. Sc. (Major & General Courses)
: Higher Secondary Courses
4. Type of Courses : Credit Based Semester System
5. Duration : Six Semester in Three years
6. Faculty Strength : Associate Professor – 02
: Assistant Professor – 02
7. Details of Faculty : Mr. Manoj Kr. Das
M. Sc. (Specialization in Electronics) HOD & Associate Professor
Mr. Pranab Sarma
M. Sc. (Specialization in Nuclear Physics)
Assistant Professor
Dr. Ranjit Baishya
M. Sc. (Specialization in Theoretical Physics), Ph. D.



Assistant Professor Mrs. Minati Barman M. Sc. (Specialization in Spectroscopy) Associate Professor	12. Student Teacher Ratio	: 13 : 01 (Undergraduate Course) 48 : 01 (Higher Secondary Course)
8. Number of Academic Support Staff	13. Research Project Completed	: 02 : 03
9. Name of Academic Support Staff	(a) Major Research Project	: 02 : 01
: Mr. Bharat Ch. Rabha	(b) Minor Research Project	: 02
: Mr. Purno Rabha	14. Research Publication	
10. Number of Class Room	(a) International Journal	: 01 : 09
11. Number of Laboratory	(b) National Journal	: 03 : 01
(a) General Lab	(c) Regional	: 01 : 01
(b) Dark Room	(d) Proceeding	: 01 : 04
(c) Computer Lab	(e) Report	: 01 : 04
	(f) Impact Factor	: 01 : 24.6
	(g) Article Published	: 01 : 17
	(h) Workshop Held	: 01 : 01



অসমত লোক সংস্কৃতি এতিয়াও প্ৰাণময় আৰু জীৱন্ত হৈ আছে। প্ৰাচীন সামাজিক পথা, বিশ্বাস আৰু পূজা-পাতল, ক্ৰিয়া-কলাপৰ অঙ্গস্বৰূপ তথ্যপাতি অসমত আজিও আছে। অষ্ট্ৰিক, তিব্বত-বৰ্মী আৰু আৰ্য আদি বিভিন্ন ভাষা-ভাষী মানুহৰ সংমিশ্ৰণৰ ফলত ই অধিক জটিল আৰু বহুসময় হৈ পৰিছে।

— ড० বিৰিঞ্চি কুমাৰ বৰুৱা



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‘মই মোৰ ঘৰৰ কেউদিশে প্ৰাচীৰ গঢ়ি তুলি খিৰিকিবোৰ বায়ু আৰু পোহৰহীন কৰি
ৰাখিব নোখোজোঁ। পৃথিৱীৰ সকলো দেশৰ সভ্যতা-সংস্কৃতিৰ বতাহছাটি মোৰ ঘৰৰ
সকলোপিনে প্ৰবাহমান হওক, কিন্তু সেয়ে মোৰ ভৰি পিচলাব নোৰিব। মই আনৰ
ঘৰত অনধিকাৰ প্ৰবেশকাৰী ভিক্ষাৰী বা দাস হিচাপে থাকিবলৈ স্বীকাৰ কৰিব
নোৱাৰোঁ।’

— মহাত্মা গান্ধী



DEPARTMENT OF ZOOLOGY AT A GLANCE

Background of the Department:

The Department of Zoology was established in the year 1986 with the idea of developing Biological Education, exploring the mysteries of wonderful forms of life and the environment of this locality. The department served for Pre-University Course till 1993 from its inception. Before that the students of the locality had to go to different colleges outside for higher education. In the year 1993-94, three year degree course in the subject was introduced along with the other science subjects and that is considered as a land mark in the college history. Later in the year 1998 the department opened the major course in the subject depending on the needs and continuous demands of the students of the locality.

At present the Department has two full-fledged laboratories having all necessary instruments, Departmental Library, Museum, with four faculty members and two bearers. A Departmental Library was setup in the year 2003 for the benefit of both major as well as general students of the departments. All the text books, reference books and Journal and magazines are donated by the faculty members of the departments. The faculty members have also been contributing in the development of the present Departmental Museum in to a Biodiversity Museum with the help of the Major students of the department.

Ex- facultyies:

The Department started in the year 1986 under the stewardship of Miss Bibha Devi who extended her service till June 1987. After her Miss. Madhuri Deka joined in the department and she left in Nov. 1988. Mr. Jiten Choudhury who joined in the department in Nov. 1988 continued his service up to 4th Nov. 1989. In the long run Mrs. Nanda Devi joined as a Lecturer and constantly giving her sincere service till today for the benefit of the students of the locality.

Mr. Rathin Barman who joined as a Lecturer in this Department continued his duty from 1998 up to 23rd Dec. 2002.

Present Faculty Members :

Mrs. Nanda Devi	M.Sc., B.Ed.
Dr. S.K.Bhuyan	M.Sc., Ph.D
Dr. Tapan Kr. Deka	M.Sc., Ph.D.
Dr. Rekha Chetry	M.Sc., Ph.D.

The faculties are also actively associated with various International, National , regional and local organizations, forum and societies etc They also extends their service in building capacities by acting as resource persons in different programs organized by the college as well as other organizations

Research , Extensions and Collaborations :

The department of Zoology is pioneer in conducting major research in the college The faculties of the department have till date completed 12 research projects which include three major and nine minor projects All these projects are funded by various national and international funding bodies Remarkably Zoology department is the only one in the college to carry out research activities with financial assistance from foreign funding agencies Moreover, the department of zoology had for the first time organized a national seminar in the college Development of a research laboratory is another major achievement on the art of the department The faculties also participate and present research findings in national and international seminars Dr S K Bhuyan , one of the faculty of the department is the Associate Editor of "*Asian Journal of Conservation Biology*" (www.ajcb.in) It is notable that the department have invited two foreign personalities to the college Dr Robert Horwich , conservation biologists from USA visited the department and delivered a lecture in the year 2002 Again professor Randall C Kyes from the



University of Washington, USA was invited by the department and he delivered a oular talk in the college in 2011

Additionally the department organizes seminars and popular talk every now and then The department has bringing out the departmental wall magazine entitled BIHANGAM since 2003

Completed projects of the department :

Dr. Susanta K Bhuyan	: 3
Dr. Tapan K Deka	: 4
Dr. Mrs. Rekha Chetry	: 5

On going project:

At present four research projects are going on in the department All these are also sorted by National and International funding agencies

1. A Study on Habitat Ecology and Diversity of Freshwater Turtle of Sandubi Beel., UGC, NERO- Dr SK Bhuyan

2. Assessment of Socio-economic status of fringe villages around Chakrashila Wildlife Sanctuary, Assam., Indian Council Of Social Science Research, Dr Rekha Chetry

3. Saving the eastern Hoolock gibbon from Extinction in Assam through education and awareness, Primate Conservation Inc.USA.-Dr Rekha Chetry

4. Stump-tailed macaque - the neglected primate": a popular book for the conservation of the stump-tailed macaque in India, Conservational International.USA -Dr Rekha Chetry· Dr Rekha Chetry presented a paper entitled **Current status of Golden langur, Trachypithecus geei in Chakrashila Wildlife Sanctuary , Assam, India in the XXIIth Congress, International Primatological Society held at Edinburgh,UK in 2008.** She was invited to present a paper entitled **Grooming sites in the Golden langur, Trachypithecus geei in Turin , Italy, 2004** There she presented another paper under the title **Altered habitat and activity profile of the Golden langur (Trachypithecus geei).**

Publications:

The department have not only conducted research but also have published the valuable findings of their research activities in reputed national and international journals The faculties o the department have published as many as 26 papers in various international journals till date The credit of publications of 13 research papers in national journals also go to the faculties of the department have been number of research Eleven papers of the faculties of the department have been published in various proceedings of national seminars organized by different institutions. from time to time The faculties of the department have authored 6 books (both Assamese and English) out of which four bears ISBN numbers This is another major contribution of the department to the field of science and society as a whole Moreover , the faculties have contributed chapters and various popular articles to books and magazines

Name of the Books

- Holau (Assamese) 2004 – Dr Rekha Chetry is one of the co-author
- Hoolock: The Ape of India, 2007 Dr Rekha Chetry is one of the co-author
- Amar Halou: Hoolock gibbon (Assamese) .2007. Dr Rekha Chetry is one of the co-author
- The Golden langur: 2009. Dr Rekha Chetry is the first author
- Sonali Bandar:2009. Dr Rekha Chetry is the first authôr

FUTUREE PLANS:

- Imparting quality education and to produce resourceful citizens.
- Introduce Career Oriented Courses to create opportunity for self employment
- To develop R&D for exploration, conservation and management of the natural resources.

Prepared by Faculty Members
Department of Zoology





AMRITPRABHA RANGER TEAM

BHARAT SCOUT-GUIDES, ASSAM

J.N.COLLEG, BOKO

Reg No. 539 dt 02-08-03

Warrant No. 585 dt 01-04-03

A Ranger Team entitled 'AMRITPRABHA' was formed on 21-01-03 under the leadership of Mrs. Bijaya Deka, Associate Prof. in Education, at Jawaharlal Nehru College Boko. Mrs. Bijaya Deka completed her **Basic Ranger Training Course** as Ranger Leader at State Training Centre, Chamata pathar, **Bharat Scout Guides, Assam** from 16-12-02 to 22-12-02 and also Completed **Advance Training Course for Ranger Leader** at Pachmarhi, Madhya Pradesh from 21st to 27th June 2007. Mrs. Deka also completed the **Training Study after Advanced course for Ranger Leader** on 15-01-2010. It is noteworthy that a Rover Crew named 'KONWAR GODAPANI' was formed on 1st August, 2012 in the college under leadership of Mr. Nabajyoti Das, Associate Prof., and department of Mathematics. The Crew took active part in various activities till 2005. It may be mentioned that the then Principal Dr. Ramakanta Boruah also completed the Commissioner Training at the State Training Centre, Chamotapathar from 25-12-2003 to 31-12-2003.

Aims of the Amritprabha Ranger Team:

The aims of the Scouting/Guiding Movement is the aim of AmritPrabha Ranger Team also. The general aim of the Team is to Character Development through happy citizenship, through natural rather than artificial means. The entire programme of Movement is based on four signpost, namely: (1)Character and intelligence (2)Health (3)Handicrafts and skills (4)Service

Motto:

The Special responsibility of Ranger is to render service by taking guide promise in to a wider world and the aim of Rangering is to help her to interpret the promise by good citizenship and service. Ranger is

the senior section of the guide wing of the Bharat-Scout and Guides.

Number of Rangers since inception.

Sl.No.	Year	Number
01	2003-04	26
02	2005-06	03
03	2007-08	16
04	2008-09	11
05	2009-10	06
06	2010-11	03
07	2012-13	25
08	2013-14	06

Initially Amritprabha Ranger Team and KonwarGodapani Crew participated in various activities of inside the Scouting movement as well as outside movement.

◦ 9 Rovers and 8 Rangers joined in the 3rd District Rally at Maligaon organized by Headquarter District Association Maligaon N.F. Railway from 3rd July to 27th July 2003. The team stood 1st position in the Exhibition competition, Art and 3rd in Folk Dance

◦ 2 Rovers(Jayanta Roy and Simanta Das) participated in 39th National Rover-Ranger Samagam at Pachmarhi, MP from 10th-15th June 2003.

◦ All Rovers and Rangers rendered service in the 54th Vana-Mahotsav at J.N College, boko organized by Forest Department, Govt. of Assam, 2003 which was inaugurated by Tarun Gogoi, Hon'ble Chief Minister of Assam.

◦ 4 Rovers named Jayanta Roy, Jyoti Prashad Gogoi, Prakash Rabha and Ranju Boro participated in the NE region 3rd Mini Jamboree Hosted by Arunachal Pradesh from 29-12-04 to 02-01-05.

◦ Barnali Rabha and Bikram Swargiary participated in the 15th National jamboree at Nil-



Dhara, Haridwar from 16-10-05 to 21-10-05.

④ 4 Rangers and 5 Rovers along with Ranger Leader Mrs Bijaya Deka participated in the **5th National Children Science Festival at J.N.C. Boko** Organized by Gyan Vigyan Samitee, Assam from 21st to 26th April 05

Activities of Amritprabha Ranger Team Since 2006

④ Barnali Rabha, Bhagyalata Talukdar, Mallika Nath, Jyotshna Rabha and Bijaya Deka (RL) participated in the **5th N.E. Mini Jamboree at STC, Chamatapathar, Assam** from December 16th to 21st 2006.

④ The members of Amrit Prabha Ranger Team celebrated **Aids Day** with NSS Unit of J.N College, Boko under **Aids Association of Assam State Aids Control Society** on 01-12-07.

Theme: **Donate Blood, Save Life. Some where some one needs you, Your blood donation is Precious.**

④ 16 Rangers participated in **Youth Integration Cycle Rally With German Karma Riders** on 18-10-08.

④ 10 Members of Amrit Prabha Ranger Team activity took part in **Disaster Management Training** organised by Prayas (NGO) on 17-11-08 at J.N.C. Boko

④ All Rangers actively took part in the **World Environment Day** at J.N.C. Boko Campus on 05-06-09 which was organized by the college authority.

④ The team members organized a public meeting on **Protection of public Property/ Campaign for Literacy Development and Population Education** at Junior college, Boko on 14th July'09 among the students of local Schools and people of Jarapara village.

④ 10 Rangers passed in **4th State Level Rover Ranger Nipan Test** held from 15-11-2009 to 19-11-2009 at STC, Chamatapathar, Sonapur, Assam which was organized by **Bharat Scouts & Guides, Assam**. Name of The Examinee : Jyotiprabha Adhikari, Chandana Kalita, Purabi Baishya, Mekan Kalita, Bhanita Das, Minakshi Koch, Karisma Rabha, Puspanjali Rabha, Bobita Boro and Kabita Boro.

④ 7 Rangers under leadership of Mrs Bijaya

Deka rendered valuable services in the **11th All Assam Scouts and Guides Rally** at Geeta Nagar School field from 13th to 17th Feb. 2010.

Name of the Rangers : Chandana Kalita, Bhanita Das, Pushpanjali Rabha (1) Pushpanjali Rabha (2) Pallabi Rabha, Junumoni Boro, Saraju Rabha

④ 6 Rangers along with Ranger Leader Mrs Bijaya Deka participated in the **State Level Rover/Ranger Meet 2010** at STC, Samatapathar, Guwahati Assam from 29-10-10 to 01-11-

10. The Team obtained **11 prizes** in various events and **Miss Jyotiprabha Adhikary** stood as **Best Ranger** in the same. Name of the Participant Rangers: Jyotiprabha Adhikary (**Best Ranger**), Chandana Kalita, Pushpanjali Rabha, Minakshi Koch, Mekan Kalita, Babita Boro.

④ 5 Rangers along with Ranger Leader actively participated at **Witch Hunting Awareness Camp** at Boko High School Premises on 07-08-11 which was organized by **Sangrami Nari Sagha, Kamrup**

④ On **Gandhi Jayanti (2nd October, 2011)** Amrit Prabha Ranger Team and Guide Company, Boko Girs high School jointly rendered **Community Service** at Jarapara Village, Boko. The Programmes of the day were: **Cleaning of the Jarapara Village (North Side), Cleaning of the Siv Mandir Premises, Jarapara Village, Awareness camp about Drinking Water and Family Welfare at Siv Mandir campus among the villagers and Cleaning of the Jamuneswar Shivalay campus, Nagopara Village, Boko.**

④ 5 Rangers successfully passed in **5th State Level Rover Ranger Nipan Test** which was held from 30th Oct. to 3rd Nov, 2011 at STC, Chamatapathar, Sonapur, Assam which was organized by **Bharat Scouts & Guides, Assam**. Name of the Rangers : Pallabi Rabha, Pushpanjali Rabha, Sangita Rabha, Junmoni Rabha and Barnali Rabha.

④ Mrs. Bijaya Deka, Ranger Leader, Amrit Probha Ranger Team, J.N.C. Boko actively participated in offering floral tribute to the departed soul of the **Eminent Internationally Recognized**



Artist Assam Ratna Late Dr. Bhupen Hazarika at Judges Field on 09-11-11 along with other fraternity of Bharat Scout and Guides, Assam

⊙ The team submitted **Upa Rastrapati Award Competition Report at State Head Quarters Bharat Scout and Guides, Assam at Panbazar, Guwahati on 12-06-12**

⊙ All Rangers Participated in the Blood Donation Camp organized by NSS Unit, J.N.C. Boko in collaboration with **State AIDS Control Society, Assam** on 01-10-12 at College Premises and three Rangers donated blood.

Name of the Blood Donor : Pallabi Rabha, Pushpanjali Rabha and Silpishikha Rabha.

⊙ 5 Rangers under Leadership of Ranger Leader Mrs Bijaya Deka appeared in the **Rastrapati Award Testing Camp at Gudhpury, Haryana from 04-11-12 to 08-11-12**

Name of the Rangers: Jyotiprabha Adhikari, Purabi Baishya, Makan Kalita., Minakshi Koch, Karisma Rabha.

⊙ Members of AmritPrabha Ranger Team observed **Gandhi Jayanti** and performed one Act Play '**Sankalpo**' and rendered valuable services at College Premises on 02-10-13

⊙ The Team Members celebrated **Bharat Scouts- Guides Day** on 7-11-13 with colourful programme at the college premises.

⊙ Members of AmritPrabha Ranger Team organized the **Blood Donation Camp** on 28-12-13 in collaboration with the NSS Unit, J.N.C Boko under **State Aids Control Society**. One Ranger along with other 19th persons and Silpisikha Rabha donated blood in this programme.

⊙ 16 Rangers under Leadership of Ranger Leader participated in the **65th Republic Day** on 26-01-14 and actively took part in March Past along with other Scouts guides, N.C.C cadet etc, which was organized by **Local Administrator**. The Team secured **3rd prize** in March Past.

Achievements:

During this period members of Amrit Prabha Ranger Team took active part in verious competition and obtained many prizes as follows-

1. Jyotiprabha Adhikari.
 - ⊙ Special Award, Vidhyarthi Parishad, Assam Sector
 - ⊙ 1st in Folk Song , State Level Rover-Ranger Meet 2010, Bharat Scouts Guides, Assam
 - ⊙ 2nd in Social Service DO
2. Chandana Kalita,
 - ⊙ 1st in Folk Dance, DO
 - ⊙ 2nd in Skill-O-Rama DO
3. Makan Kalita
 - ⊙ 1st in Folk Song DO
 - ⊙ 2nd in Social Service DO
 - ⊙ 3rd in Rong Gully DO
4. Minakshi Koch
 - ⊙ 2nd in Social Service DO
 - ⊙ 2nd in Modern Dance DO
5. Puspanjali Rabha
 - ⊙ 2nd in Folk Dance DO
 - ⊙ 3rd in Social Service DO
6. Miss Jyotiprabha Adhikary stood as best Ranger at State Level Rover Ranger meet 2010.
7. Team Member
 - ⊙ 2nd Prize in March Past Org. by Local Administration, Boko, in 66th Independence Day 2012
8. Team Member
 - ⊙ 3rd Prize in March Past, Org. by Local Administration Boko in 64th Republic Day, 2014
9. Mirror, Wall Magazine,
 - ⊙ 3rd Prize in, Wall Magazine Compitition, Student Union J.N.C. Boko, 2009 Amrit. Prabha. Ranger. Team
10. Mirror, Wall Magazine
 - ⊙ 2nd Prize in Wall Magazine Compitition, Org. by Union. J.N.C. Boko, 2012
11. Junumoni Boro 2nd Prize in Social Service College Week, J.N.C., Boko 2014.

Prepared by Mrs. Bijaya Deka
Associate Prof.
Department of Education

☺☺☺



ARYABHATTA SCIENCE CENTRE, BOKO BLOCK

Department of Physics, J. N. College, Boko

Aryabhata Science Centre is the forum which provides facilities for practicing activity based learning process and to build a spirit of enquiry, creative, talent, generate scientific temper and of a self reliant culture in the community as a whole. It is characterized by its two main way of communication – exhibit and activities. The exhibits are interactive and participatory and intended to fire of imagination in a young mind. They encompass a wide variety of subject such as physical, applied, natural & social sciences, energy, environment, crafts industries and such other areas as broadly linked with science to fulfill the requirements of a wide spectrum of population.

The activities of Aryabhata Science Centre would be taken up in the interior parts of the Boko block to help improve school science education in learning by doing method and create scientific temper among rural masses and apply benefits of S & T in their day to day life. Students would be encouraged to take up activity based programmes and to help them to participate in national level S&T programmes/ Competitions.

Aryabhata Science Centre, Boko Block was formed in the year of 2009 which was catalyzed, Concept and supported by Assam Science, Technology and Environment Council (ASTEC) under the Ministry of Science and Technology, Government of Assam. All over Assam there are 219 Aryabhata Science Centre among which Boko Block Centre is the one of the most active and sincere for which founder coordinator Dr. Ranjit Baishya is selected as the District Coordinator of the Aryabhata Science Centers of Kamrup District.

Main Objectives of the Centre:

- To build scientific attitude among the school students in the locality.

- To make the science education exciting through experimentations and other hands on activities.

- To promote basic science as a career.

Committee at time of Inception :
(From 2009 to 2013)

President:

Dr. Nripen Goswami, Principal, J. N. College.

Vice –President:

Mr. Lakshi Kanta Sarma, Vice Principal, JNC

Coordinator:

Dr. Ranjit Baishya, Department of Physics.

Members:

1. Sri Pranab Sarma, Department of Physics.
2. Sri Manoj Kumar Das, Department of Physics.
3. Mrs. Minati Barman, Department of Physics.

Present Committee (from 2013 onwards):

President:

Dr. Nripen Goswami, Principal, J. N. College.

Vice –President:

Mrs. Jayashree Bhuyan, Vice Principal, JNC

Coordinator:

Mrs. Minati Barman, Department of Physics.

Members:

1. Sri Pranab Sarma, Department of Physics.
2. Sri Manoj Kumar Das, Department of Physics.
3. Dr. Ranjit Baishya, (District Coordinator)

Activities of the Centre :

1. 14th May 2009: – Decision meeting to establish Aryabhata Science Centre, Boko Block at Department of Physics, J. N. College.

2. 29th May 2009: - Inauguration of the Centre.

3. 12th Aug. 2009: - Five school students of the locality were selected and send to participate in the “Interaction with Scientist” program at “State Cultural Complex”, Guwahati organized by ASTEC.

4. 20th Aug. 2009: - Inauguration of the Audio Visual system of the centre and science based Audio Visual show for the Students.



5. 5th Nov. 2009: - Block Level Science Based Poster drawing, Extempore Speech and Model making competition for the session 2009-2010.
2010

1. 1st Feb. 2010: - District Level Poster drawing, Extempore Speech and Model making competitions for the session 2009-2010 were organized by our Centre, where Block Level winners of 14 Blocks of Kamrup (R) District are participated and DC of Kamrup, Mr. S.K. Roy present as Chief guest in the program.

2. 27th to 29th Feb. 2010: - Two Competitors from the centre along with the Center's coordinator are participated in the State Level Science Based competitions held at Guwahati.

3. 5th June 2010: - World Environment Day – 2010 is celebrated in Centre where Dr. S. K. Bhuyan and Mr. P. Talukdar are the Resource Persons.

4. 3rd to 10th Oct. 2010: - Two top performers of the Block Ms. Nikhasmita Talukder and Ms. Monami Deka were participated in the “Science Exposure Tour to Kolkata” along with other participates from the different corners of the state.

5. 1st Nov. 2010: - Science Based Poster drawing, Extempore Speech and Model Making Block Level competition for the session 2010 - 2011.
2011

1. 6th Jan. 2011: - Eight competitors along with centre coordinator were participated in the District Level Completions held at Kamalpur Block.

2. 18th Jan .2011: - Three competitors along with Centre's coordinator were participated in the State Level Science Based competitions (Session 2010-11) held at Guwahati.

3. 11th May 2011: - Science Based Poster drawing, Extempore Speech and Model Making Block Level competition for the session 2010 - 2011.

4. 12th Oct. 2011: - Six competitors along with centre coordinator were participated in the District Level Completions held at Chhaygaon Block.
2012

1. 9th Jan. 2012: - Organized a Seminar on “Renewable Source of Energy” where Mr. Mrinal Ch.

Choudhury, HoD of Energy Department, ASTEC was the Resource Person. “Solar Lanterns” distributed among the meritorious students from the schools of the localities.

2. 18th to 20th Jan 2012: - One Competitor from the centre, Miss Manami Deka along with the Centre Coordinator is participated in the State Level Science Based competitions {Extempore Speech Comp.} for the session 2011-12 held at Guwahati.

3. 15th November 2012: - Science Based Poster drawing, Extempore Speech and Model Making Block Level competition for the session 2012 - 2013.
2013

1. 18th to 20th Jan 2012: - One Competitor from the centre, Miss Nikhasmita Talukdar along with the Centre Coordinator is participated in the State Level Science Based competitions {Extempore Speech Comp.} for the session 2012-13 held at Silpagram, Guwahati.

2. 5th June 2013: - World Environment Day – 2013 was celebrated in Centre where Dr. S. K. Bhuyan and Mrs.M. Barman were the Resource Persons.
2014

1. 15th March 2014: - Science Based Poster drawing, Extempore Speech and Model Making Block Level competition for the session 2013 - 2014.

2. 27th May 2014: - District Level Poster drawing, Extempore Speech and Model making competitions for the session 20114 were organized by District Coordinator at the premises of Aryabhata Science Centre, Boko Block, where Block Level winners of 13 Blocks out of 14 Blocks of Kamrup (R) District were participated in the day long activities. In the closing ceremony Dr .N. Goswami, Prinicipal of the J.N.College, Boko was the Chairman, Dr. R. K. Barman, Senior Scientist from ASTEC was the chief guest, Dr. G. Saharia and Dr. (Mrs) J. Bhuyan was the special guest in the programme.

Prepared by Dr. Ranjit Baishya



PROFILE OF THE INSTITUTIONAL BIOTECH-HUB

Biotechnology is a fast growing science that amalgamates biology and technology to derive a result using technological applications and has also been used in many forms of traditional practices by the Indian society. The understanding and application of biotechnology adds a great value to various aspects of life. Today, biotechnology is most prominent in the area of genetic research and drug designing to crime and kitchen. It has an exceptional impact in the economic growth and social development in the country. Due to immensely rich biodiversity in the North Eastern states of India, the scope of biotechnology is very expandable.

The scheme on Establishment of Biotech Hubs under the special programme for North Eastern States of India has been supported by the Department of Biotechnology, Govt. of India with the purpose of flourishing biotechnology in the North Eastern States of India. The Biotech Hubs are platform for students, researchers and faculties by providing them a rich environment for their works to be carried out.

Jawaharlal Nehru College is proud to be one among the institutions selected for the establishment of the Institutional Biotech Hub in the first list by the North Eastern Region Biotechnology Programme Management Centre (NER-BPMC), Department of Biotechnology (DBT), Govt. of India in the financial year 2010-2011.

Aims and objectives of the Institutional Biotech Hub of J.N. College Boko:

1. Providing infrastructural facilities to teachers and students for effective teaching-learning of Bio-science/ biotechnology.
2. Capacity building of science teachers/ faculty members of host institution as well as of

neighbouring schools and colleges by organising Hands on training/ workshop/ seminar etc.

3. Popularizing science through outreach programmes, invited lectures, popular talks, demonstrations/ exposure tour etc.
4. Carrying out relevant research in the field of Bioscience/Biotechnology.

Biotech-hub management committee

1. Chairman : Dr. N. Goswmi, Principal
2. Coordinator: Dr. Tapan Dutta, Associate Professor, Department of Botany
3. Co-coordinator :Dr. S.K. Bhuyan, Associate Professor, Department. of Zoology
4. Heads of all the Science Departments of J.N. College Boko.
5. Minati Barman, Associate Professor Department of Physics (Member)
6. Pinaki Kumar Rabha, Associate Professor Department of Botany (Member)
7. Dr. Dipankar Sarma, Associate Professor Department of Mathematics(Member)
8. Dr. Ranjit Baishya, Associate Professor Department of Physics(Member)

BIOTEC HUB STAFF (MAN POWER):

1. JRF
 - a. :Miss Dipanjali Biswas, M.Sc(Zoology) Serving from 2010- to 2013
 - b. Miss Karabee Dutta, M. Sc.(Biotechnology) Serving from 2013 to till date.
2. Lab assistant:
 - a. Bipul Rabha , from 2010 t0 2012
 - b. Pranjit Baruah, from 2013 to till date.

INFRASTRUCTURE CREATED:

Biotech hub is well equipped with modern and advanced equipments like BOD incubator, Laminar flow chamber, Spectrophotometer,



Electrophoresis apparatus, Micro centrifuge, Good quality research microscope, Refrigerator, Muffle Furnaces, Autoclave, double distillation apparatus, Micro pipette etc. with sufficient glass ware, chemicals and a tissue culture unit.

ACTIVITIES DURING THE YEAR 2011-12

1. Organized training on Biological-instrumentation from 30th June to 2nd July, 2011.
2. Workshop for Science teachers from secondary schools.
3. Conducted two outreach programmes for popularizing bioscience/ biotechnology at Singra High School held on 29-10-2011.
4. Conducted exposure tour to IIT Guwahati.
5. Participated in the exhibition in Centenary Festival of Suwari Utsav during 17th to 20th April, 2012.
6. Sponsored admission to three meritorious students taking major in Biological Sciences.

ACTIVITIES DURING THE YEAR 2012-13

1. Organised workshop on Natural dyeing of Eri Silk on 18th March, 2013.
2. Organised Hands on Training on Advanced Laboratory Equipments for students at undergraduate Level (19th to 21st March, 2013).
3. Conducted two outreach programme for popularizing Basic Science at secondary level at Don bosco School, Boko and Jatia Vidyalaya, Ranjuli.
4. Organised exposure Visit to Advanced Institution/Laboratory
 - a) State Biotech Hub, College of Veterinary Science, AAU, Khanapara, Guwahati (on 30th April, 2013).
 - b) Centre for Plasma Physics, Sonapur, Assam (on 2nd May, 2013)

ACTIVITIES DURING THE YEAR 2013-14

1. Organised two days Workshop on "Science through Experiential Learning for the students of Class X (Ten)" from 20th to 21st March, 2014.

2. Two days workshop on "Tools and techniques on Biosciences" organized in collaboration with department of Botany on 9th and 10th April, 2014.
3. Conducted outreach programme on "Biotechnology and its application" to B.P. Chaliha College, Nagarbera, Kamrup on 4th March 2014.
4. One day seminar on "Introduction to sets, relations and functions" organized in collaboration with department of mathematics on 26th March, 2014.
5. One day seminar on "Symmetry and Point Group: Group theory and its Application" organized in collaboration with department of Chemistry on 28th March, 2014.
6. One day seminar on "Declining vulture population in Indian sub-continent" organized in collaboration with department of Zoology, J.N.College, on 25th March, 2014.
7. One day seminar on "Structure of Matter-A New Approach" organized in collaboration with department of Physics, J.N.College, on 28th March, 2014.

RESEARCH ACTIVITIES CARRIED OUT:

- a. Study on soil fungi in Natural vs. degraded Sal ecosystem in Boko area.
- b. Study on certain aspects of reproduction in muga silk *Antheraea assamensis* Helfer.
- c. Study of phytochemicals of medicinal plants
- d. Study of nutritional value of legumes

FUTURE ACTIVITIES AND PROPOSED ACTION PLAN:

- (i) To organize summer training on mushroom cultivation for degree students and Local SHGs.
- (ii) To organize invited lectures by professors from universities/ advanced institutions.
- (iii) To organize training/workshop on biotechnology and bioinformatics for faculty enrichment.
- (iv) To develop a suitable and easy to learn practical manual to cover the biotechnology/ bioinformatics portion of the degree syllabus.
- (v) To cover more secondary schools through outreach programmes.
- (vi) To continue the ongoing research works and to publish the findings.

Prepared by Dr. Tapan Dutta
Coordinator, Bio-Tech-Hub





INFORMATION AND CAREER GUIDANCE CELL JAWAHARLAL NEHRU COLLEGE : BOKO

A PROFILE

Introduction:

ICGC-Information and Career Guidance Cell, J. N. College, Boko was established in the year 2000 in association with Indian Institute of Entrepreneurship, Guwahati, (IIE). IIE provided initial training to a group of teachers as a faculty development programme. The training programme provided inputs among teachers about development Entrepreneurship ability in students. The ICGC was formally inaugurated by Dr. D. D. Mali, former Director, IIE, on 18th August'2000.

Aims and Objectives :

The basic aim of the cell is

- To provide information on various careers and various Govt policies to develop self confidence among the students and youth of this locality.
- To provide updates on changing pattern of job opportunity and expanding field of career choices.
- To arrange seminars and workshops to keep the students aware about various competitive examinations.
- To provide students consultancy on their queries about career and further studies.

Motto :

It is Knowledge which liberates us : ICGC for knowledge and self determination.

Facilities :

- Annual Consultancy for final year students
- Coaching for Entry to services
- Personal consultancy
- Internet facilities
- Photostat and Printing Facilities
- News papers and Magazines (usually displayed in the library)
- Display Board

Some of the major Programmes conducted by

ICGC :

- Annual student's consultancy programmes for the final year students in every year.
- Coaching for Entry to services in every year like Banks, Railways, Postal and telegraphs, SSC, APSC, UPSC, etc. Industrial exposure programmes. Career orientation programmes for students in every year. Workshops on Bamboo and Cane products, Food conservation, Art etc.

- People Education programmes.

Address of coordinator :

Dr. Dipankar Sarma

Phone : 94353 40747

Email – dipank_math@yahoo.in





J.N. COLLEGE SCIENCE FORUM AT A GLANCE

Introduction:

J.N. College, Boko is one of the premier educational institutions of the region. Boko is inhabitant by various ethnic groups such as Bodo, Rabha, Garo, Hajong, Koch-Rajbongshis, etc. Agriculture is the main source of income of the people. Most of the people lives below poverty line. Moreover, literacy rate of the various ethnic tribe groups is below the rest of the other region of the state. Therefore the various superstitions are still prevailing among the people of the region. Most of the students of the region take admission in arts stream and science education is not popular among them. To eradicate all types of superstitions, to popularized science education among the students, to grow scientific temperament among the people of the region a meeting was held which was chaired by Mr. Dhiraj Kr. Das on 23rd July, 2002 and the house decided to form the J.N. College Science Forum. A temporary committee was formed by selecting a member from each department to run the function of the forum for one year. A meeting was held on 9th September, 2002 under the chairmanship of J.P. Sarma Barua and appointed Mr. Manoj Kr. Das as the secretary of the forum.

Since the formation of the Science forum it serves the duty to all side development to the society and the students in particular. The members of the forum visited the various educational institutions for popularization of basic science among the students at school and secondary level. The member also participates in community development program and teachers training program collaborately organized by Assam science society, Boko Branch. From the year 2011 and onward the member of the forum has participate as resource person in Environment

awareness program at various educational institution which are sponsored by Ministry of Forest Environment and Forest, Government of India and implemented by Assam Science Society. The forum observed the various important days, e.g. National Science Day, World Environment Day, etc. and try to create awareness about the importance of the particular observed days.

The Aim and Objectives :

- To involve all the students, teaching and non-teaching staff members, ex-students of the college and the students and teachers of various educational institution of the locality in a common platform in order to create a general scientific awareness and for the cross fertilization of ideas of multiple disciplines of science and to grow a better relation among the students, teachers and the society.
- To organize scientific talks, seminars, workshop, exhibition, projects, publication of articles, to hold different competitions like debate, quiz, etc. To encourage scientific talent at all levels.
- To create an atmosphere congenial to the development and popularization of science and technology.
- To eradicate the various superstition prevailing the locality.
- To extend helping hand to poor meritorius students.

Office Bearer of the JNCF:

- President : No Permanent president 2002-2005
Secretary : Mr. Manoj Kr. Das
President : Mr. Pranab Sarma 2005-2010
Secretary : Dr. Apurba Goswami
President : Mrs. Nanda Devi 2010-2014
Secretary : Mr. P. K. Rabha



Activities of JNCSF:

A brief outline of the various activities of the forum has given bellow:

1.Science Awareness Program-

Venue- Singra High School

Date-21-09-2002

The member of the forum has participated as a science awareness program at Singra High School. They demonstrated their respective subject to the students of class VIII, IX and X. The members are:

1.Mr. M. K. Das – Department of Physics.

2.Syed Habibur Rahman- Department of Botany.

3.Mr. Susanta Kr. Bhuyan- Department of Zoology.

4.Mr. Dipankar Sarma-Department of Mathematics

5.Mr. Apurba Kr. Goswami- Department of Chemistry.

2.Science Popular Talk on “Antibiotics-The Necessary Evil”.

Venue- J.N.College

Speaker- Mr. Ranjit Baishya, Lecturer.

Department of Physics.

J.N. College, Boko

Antibiotics are chemical substances obtained from micro organisms. They fight against the growth of pathogenic bacteria. Doctors are prescribed antibiotics for cure of various ailments. But improper use of antibiotics may cause harm to the health of people. Considering this fact, the JNCSF organized a popular talk on “Antibiotics- the Necessary Evil” and was delivered by Sri Ranjit Baishya, Lecturer, Deptt. of Physics. A good number of students and teachers are participated the program.

3.National Technology Day-

Venue –J. N. College, Boko

Date-7-2-2003

Topic- (i) *Prospect of Horticulture in Boko Area* - delivered by Dr. N.K.Mohon, Chief Scientist, HRC, Kahikuchi

(ii) *Use of Non-Conventional Energy*- delivered by Mr.R. Barman, Senior Scientific Officer, ASTEC.

National Technology Day 2002 was observed on 7th Feb.2003 at college premises by the JNCSF in collaboration with Assam science Technology and Environment council with the theme of “Developing the spirit of innovation”. A day long program was observed by holding two seminar lecturers and a science exhibition in association with Regional Science centre, Khanapara. The first lecture was delivered by Dr. N. K. Mohan, Chief Scientist, HRC, Kahikuchi on Prospect of Horticulture in Boko Area. The second lecture was delivered by Mr. R. Barman, Senior Scientific Officer, Assam Energy development agency, Ghy, on *Use of Non-Conventional Energy*. Mr. R. Barman, Senior Scientific Officer, ASTEC and Mr. P. K. Das, Director, Regional Muga research Centre, Boko were also present as guest of honour in that program.

The program was started from 11 AM and closed at 3 PM. Dr. R.K. Baruah, Principal, J. N. College, Boko was presided the program. The science exhibition was inaugurated by Dr. N. K. Mohan and after that he delivered his lecture on his topic. He described the problem and prospects of horticulture in Boko area and promised to extend his support to people who are interested for horticulture and floriculture. His lecture was followed by Mr. M. Choudhury, who described various simple and low cost models and their applications using non-conventional energy which can be used on day to day life of rural people. Guest of honour Mr. Barman described the importance of observing the NTD. Mr. Das in his lecture extended his helping hand towards the peoples of Boko area and gave assurance for their socio-economic development in the field of Sericulture.

4. National Technology Day-2003

Venue- Singra High School

Date-28-02-2003

National Science Day was observed and organized by JNCSF at Singra High School in collaboration with Assam Science Technology and Environment Council on 28th February, 2003. The theme was “Fifty years of DNA, Twenty years of



IVF-blue print of life". A day long program was observed by holding a popular talk and spot painting competition. The theme of competition was "Our Environment" for class V-VII and "Environment and Health" for class VIII-X. The first prize was won by Sri Rupam Bora of class VI in Group-A and Sri Kailash Rabha of class IX in Group -B. All total 43 students took part in the competition.

The popular topic was delivered by Dr. T.K.Deka, Lecturer, and Dept. of Zoology on "Fifty years of DNA, Twenty years of IVF-blue print of life". about four hundred participants were present in the program and highly satisfied with the lecture. The interaction of the students with the resource person was very good and made the program lively. Sri Golap Ch. Sarma, Head Master of Singra High School was presided over the program.

5. Health camp

Venue-J.N.College, Boko

Date: 20-7-2003

A free health camp was organized by the forum on 20th July, 2003 at college premises in collaboration with United Club, Boko. In the health Camp, authority of Gauhati Medical College sends five P.G. students of various disciplines. Dr. Mridul Sarma, ENT Deptt, Dr. Rittik Patowary, Medicine Deptt, Dr. Niranjana Koushik Thakur, Eye Dept., Dr. Arup Kr. Nath, surgery Deptt, Dr. Artis Dey, Dermatology Dept. of Gauhati Medical College had totally conducted the camp. Moreover Sri Dharmeshwar Boro, M.I.; Sri Kanak Talukdar, Vaccinator, Mrs. D.Kalita, ANM, Mrs. T.L.Kalita, ANM, Mrs. M.Boro, ANM, Mrs.M.Das, ANM of Boko P.H.C. also gave helping hand in the camp. In that camp, Alkem laboratories, Aristo Pharmaceuticals, Assam chemical Pharmaceuticals, CIPLA, these four companies gave medicine for free distribution amongst the patients.

About two hundred patients were attended in that camp and highly satisfied with that program.

6. Seminar on "Community Based Conservation"

Venue-J.N.College, Boko

Date- 11-09-2003

Speaker- Dr. Robert Horwich, C.C.I, USA

The forum invited Dr. Robert Horwich, a renowned conservationist from USA on 11-09-2003 to give a popular talk in the college auditorium. Dr. Horwich talked about "Community Conservation". He focused on the problems and prospects of community conservation in the current context of rapid decline of biodiversity all over the globe. He projected his personal experience with the help of slides. He appealed the students and common people to come forward to conserve the rich natural diversity of the state. All the faculty members of the college and a good number of students took part in the program.

7. A report on NTD-2003:

"Workshop on basic scientific instruments and their application among the school students".

NTD 2003 was celebrated with a three days workshop on basic scientific instruments and their application among the school students held from 11.02.04 to 13.02.04 in the college campus. Altogether fifty participants of which 42 students and 8 teacher in-charge from 9 different High Schools of Boko area were participated in the workshop. The lectures of departments of Physics, chemistry, mathematics, botany and Zoology of the college were the resource persons in the workshop.

The main aim of the workshop was to give training to the school students about the basic scientific instruments which are available in their own schools so that the students are attracted towards basic science. The workshop provided opportunity to the students to operate those instruments.

The whole workshop was divided into two sessions. Each session was for two hours for a particular subject. During each session students were provided with a lecture class regarding the basic instrument and this was followed by practical demonstration in the laboratory and the students were encouraged to practice themselves. The whole workshop constituted altogether six sessions. Out of which five sessions for five different subjects viz. Physics, Chemistry, Maths, Botany and zoology



respectively. The last session was for valedictory function. Prof. Amalesh Dutta, HOD, Department of Zoology, GU was chief guests and Dr. J.C.Kalita, Reader, Department of Zoology, GU was the resource person of the session. The valedictory function was completed with vote of thanks given the program co-ordinator and by the secretary of the forum.

8. National Science Day-2004

Venue-J.N.College, Boko

Date- 25-10-04

The national science day-2004 was observed on 25-10 04 at college premises by the forum in collaboration with ASTEC. A day long program was observed by holding a popular talk, spot painting and essay writing competition in two categories-Gr.-A(from Class V-VII) and Gr. B (from VIII-X). The themes were "Our Environment" for Gr. A and "Natural Disaster" for Gr. B students. The first prize was won by Sri Anirban Basumatary of Don Bosco School for Gr. A and Sri Dipjyati Boro of Sankardev Bidya Niketan, Boko from Gr. B. In essay writing competition the first prize was won by Mr. Bhargav Kalita, a student of Don Bosco School.

The popular talk was delivered by Mr. Arup Kr. Mishra, professor, Assam Engineering College on "Science Popularisation in India-Need, Problem & Prospect". Dr. R.K. Baruah, Principal of J.N. College was presided over the program. About three hundred participants were present in the program and they highly satisfied with the lecture of the resource person. During that program Mr. A.K. Mishra also inaugurated the JNCSF Bulletin of the forum. The program was finally concluded with the vote of thanks given by the secretary of the forum.

9.National Science Day-2005

Venue-J.N. College, Boko

National Science Day 2005 was celebrated with a two days program on 27-10-2005 and 8-11-2005 in the college premises and was organized by the forum.

On 27-10-2005 extempore speech competition was held among the college students. Altogether 66 students were participated in

competition. The topics were focused mainly on the International year of physics.

On 8th November, 2005 a popular talk was held on "Innovation and Patent" and the chairperson was Dr. Barin Sarma, Pro. Department of Physics, GU. Dr. Ranjit Kr. Barman, Senior Scientist of ASTEC was the resource person of the program. He highlighted on patent, trademark and copy right. He encourages the upcoming inventor and explains how to obtain a patent.

10.National Science Day-2006

Venue- P.C.Das LP School, Jarapara, Boko.

Date -10-11-2006

National Science Day-2006 was observed in two phases program on 10-11-2006 and 11-11-2006 at P.C.Das LP School, Jarapara, Boko. On 10th November a workshop was held under the chairmanship of Mr. Pradip Goswami, Headmaster of the school. Jarapara Mohila Samity actively participated the program. The topic of the workshop was "house hold waste management". Dr. Tapan Dutta, Sr. Lecturer of J.N. College, Boko explained how to manage and used household wastes nicely and properly. He also spoke about the implementation of gobar gas in every household. Mr. Pinaki Kr. Rabha, Lecturer, J.N.College, Boko, explained how to use the wastes of the paddy field in vermicompose and in mushroom cultivation. The participants interacted the resource persons nicely. Thirty four member of the Jarapara Mohila Samity participated the same.

On 11th November, 2006 a demonstration cum public meeting was held at the same school in collaboration with Jarapara Mohila Samity. Thirty four smokeless chullas were distributed among the beneficiaries of samity. Exparts from Khadi Board demonstrate how to use the chulla. The public meeting was presided over by Mr. Karna Bhusan Rabha, social worker of Boko.

11.National Technology Day-2007

Venue- J.N.College, Boko

Date-12-10-2007



National Technology Day-2007 was observed by forum by holding an exhibition and a seminar on "Bamboo and bamboo products" at college premises on 12-10-2007. The seminar was presided over by Dr. Nripen Goswami, Principal, J.N. College, Boko. The resource person Mr. N.T. Naidu, Deputy Director, Ministry of Micro, Small and Medium Enterprise, Govt. Of India explain in details about the future industrial prospect of bamboo. He also motivated the participants to establish various industries by using bamboo. Another resource person Dr. Ranjit Barman, Sr. Scientist of ASTEC also explains different aspect and use of bamboo. Altogether 75 students & teachers were present in the seminar.

A exhibition on bamboo product were also organized. Mr. Dharmeswar Rabha explains the advantages of his product in the exhibition. A large number of people visited the exhibition room and they are highly satisfied the exhibition of the different bamboo product.

12. Popular science talk

Venue-JN College, Boko

Date-24-1-2008

Speaker- Prof. D.K. Choudhury

Department of Physics, GU.

The JNCSF has organized a popular talk on "Structure of Universe" on 24th January, 2008. Dr. D. K. Choudhury, Professor, Dept. Of Physics has delivered the talk. At first Dr. Choudhury was felicitated with a fulam gamosa by the forum and the Principal of the college has formally inaugurated the talk. Professor Choudhury in his talk highlighted about the structure of the universe, about the various theories, particularly big-bang theory for the origin of the galaxy, life time of stars and other relevant matters. A good number of teachers and students participated in the seminar and they interacted with the resource person. The program was finally concluded with the vote of thanks given by the secretary of the forum.

13. National Children Science Congress,
Kamrup District

Venue- JN College, Boko

Date-23-09-2008

The child scientists of different school of South Kamrup disdtrict presented their projects before the judges from GU. The Children Science Congress was organized by JNCSF collaboration with ASTEC. A good number of child scientists, their guides, students, parents participated the program.

14.Seminar on "Global Warming and Climate Change"

Venue- JN College, Boko

Date-17-03-2009.

A seminar on "Global Warming and Climate Change" was organized by the forum as a part of awareness campaign by Ministry of Forest and Environment, Govt. Of India. The secretary of the forum explains the purpose of the seminar and Principal of the college has inaugurated the program. Dr. S. K. Bhuyan, Dept. Of Zoology was attended as a resource person of the seminar. He highlighted about the causes, the consequences of the global warming and the climate change. He given emphasis to reduces the green house gases from the grass root level.

15.Participation of environment awareness program-2011

The JNCSF has extended helping hand to the various educational institution of the locality for conducting environment awareness campaign-2011 which was sponsored by the Ministry of Forest and Environment, Govt. of India. The theme of the year for campaigning was "Conservation of Biodiversity". The member of the forum has actively participated the program by joining as resource person.

16 Felicitation program

Venue-JN College, Boko

Date-30-05-2011

A felicitation program for H.S.-II passed students was organised by the JNCSF on 30th May, 2011. Altogether 20 numbers of students were felicitated in the program. Vice Principal Mr. M. Rahman was attended as chief guest in the program. All most all the members of the forum were attended