

**NATIONAL SEMINAR ON
SCIENCE, SOCIETY AND SUSTAINABLE DEVELOPMENT (SSS-19)**

3RD AND 4TH MAY, 2019

Sponsored by:

DBT, Govt. of India



Organised by:

Participating Departments under DBT Star College Scheme

Advanced Level Biotech Hub

Jawaharlal Nehru College, Boko, Kamrup, Assam, 781123

In Collaboration with:

Aaranyak

Botanical Society of Assam(BSA)

Zoological Society of Assam(ZSA)

UGC-HRDC, Gauhati University

Assam Academy of Mathematics



INVITATION

Sir/ Madam,

It gives us immense pleasure to inform you that the Science departments under DBT Star College Scheme and Advanced Level Biotech Hub of Jawaharlal [Nehru College, Boko in collaboration with Aaranyak, Botanical Society of Assam, Zoological Society of Assam and UGC-HRDC, Gauhati University is organizing a two days National Seminar on “Science, Society and Sustainable Development” (SSS-19) on 3rd and 4th May, 2019.

We are delighted to invite all the participants who are interested in sharing their knowledge and researches in any of the sub-themes of the seminar. Anticipating your active participation and cooperation in making the seminar a successful one,

With regards

Dr. Nripen Goswami

Chairman, National Seminar
& Principal, J.N. College, Boko

Dr. Tapan Dutta

Organising Secretary
National Seminar

Organising Committee:

Parton(s):

Dr. Mridul Hazarika, V.C. , Gauhati University
Dr. N.C. Talukdar, Director, IASST, Guwahati
Dr. Arup K. Misra, Director, ASTEC, Guwahati
Mr. Kamal. Kr. Baishya, D.C., Kamrup
Mr. Sourav Chaliha, MD, Gauhati Refinery(IOC)

Advisor(s):

Prof. Mrigrndra Mohan Goswami, President, Governing Body
Dr. Partha Jyoti Das, Head, WCHD, Aaranyak
Dr. T.C. Sarma, President, Botanical Society of Assam
Dr. Priyabrata Lahkar, President, Zoological Society of Assam
Dr. Jogen Ch. Kalita, Director, UGC-HRDC, Gauhati University
Dr. Ranjit Kr. Barman, Head, S& T division, ASTEC
Dr. Ram Chandra Deka , President, Assam Academy of Mathematics
Dr. Swaroop Nandan Borah, Professor, IITG.
Dr. Partha Pratim Baruah, Professor, Dept. of Botany, G.U.

Chairman: Dr. Nripen Goswami, Principal

Co-Chairman: Mrs. Rumita Phukan, Vice Principal

Organizing Secretary: Dr. Tapan Dutta

Joint organizing Secretary: Dr. Dhiraj Kumar Das

Conveners (Technical):

Dr. Habibur Rahman

Dr. Susanta Kumar Bhuyan

Dr. Nabajyoti Das

Dr. Ranjit Baishya

Dr. Jyoti Prasad Sarma Baruah

Treasurer: Mr. Monoj Kumar Das

About the Seminar:

The impact of science and technology on society is manifest. But society also influences science. There are social influences on the direction and emphasis of scientific and technological development through pressure group on scientific issues, values and priorities. Science and society is an interdisciplinary program of study that focuses on understanding the relationship between scientific developments and the livelihood. Science lays the foundation for new approaches and solutions to tackle complex challenges for humanity like climate change, biodiversity loss, pollution, poverty reduction etc. and does lead to the concept of Sustainable Development. This is an approach to development that looks to balance different and often competing, needs against an awareness of the environmental, social and economic limitations we face as a society. Scientific approach is essential for the effective decision making with regards to global sustainability since social, environmental and cultural systems are closely linked. The proposed National Seminar is an attempt to provide a platform to discuss the challenges that humankind is facing and find out some solutions with which this approach of sustainable development should be undertaken and provide guidance on its application at multiple levels.

Sub Themes:

1. Promotion of Science and Scientific point of views for societal progress.
2. Conservation and Management of Natural Resources for Sustainable Development.
3. Nature Conservation, Livelihood and Sustainable Development.
4. Biodiversity, Culture and Sustainable Development.
5. Biotechnology and Human welfare.
6. Environmental Governance and Sustainable Development Goals (SDG).
7. Women, Environment and changing perception of Gender Empowerment.
8. Climate Change, Disaster Management and Sustainability.
9. Role of Education and community participation in Environment Management.

About the College:

Jawaharlal Nehru College, Boko is located in a rural tribal area under Rabha-Hasong Autonomous Council which is very rich in Ethnic diversity as well as Biodiversity. **Jawaharlal Nehru College**, now celebrating its golden jubilee was established in 1964 with a beautiful green

campus is providing education in both Arts and Science stream at undergraduate and 10+2 levels. The faculty members have been engaged in different research projects funded by different agencies like DST, UGC, ICSSR, DAE, ISRO etc. and thereby trying to upgrade the existing laboratories for effective teaching and research. The college has established a Biotech Hub funded by DBT in 2010 which has been upgraded by DBT to an Advanced level Biotech Hub in 2017. College has also received DBT's star college grant for all the five science departments in 2015. NAAC accredited the college with 'B' grade in second cycle and now the college has preparing for the third cycle of the NAAC assessment in 2019. It has also running several skill courses under UGC community college scheme on Food Processing Technology, Retail Management, Floriculture and Un-armed security Guard. The college has started P.G. course in Assamese and Mathematics. Also a Central Equipment Facility, a video Conferencing facility, Indoor Stadium, Outdoor stadium an IT room set up with the help of RUSA grants.

Call for Abstract(s):

Abstracts are invited in the areas of sub themes in the form of soft copy (MS-Word) within 200-300 words typed in Times New Roman(12 pt) in 1.5 spacing and should reach the contact address on or before 10th April, 2019. Abstract should include the title of the paper (14 pt. bold, centre), author(s) name (12 pt. Italic; centre), affiliation, mailing address, telephone number, email ID and clearly indicating the corresponding author. Name of the author presenting the paper should be underlined. Acceptance and mode of presentation will be intimated via email after reviewers' recommendation.

Registration:

Delegates/ Participants are requested to register themselves by filling the enclosed registration form and to be sent to the Organising Secretary, National Seminar along the registration fee in the form of Demand draft drawn in favour of Principal, J.N. College, Boko payable at SBI, Boko Branch by **10.04.2019**. Online payment may also be made through SB A/c no: **33910782943**, IFSC : **SBIN0016942**, at SBI, Boko Branch, Boko. Registration fees include working lunch, refreshment and conference kit.

Registration fees:

- | | |
|---------------------------------------|---|
| a. Teachers/ Academicians/ Scientists | : Rs. 1000.00(With paper), Rs. 800.00(Without paper), |
| b. Research Scholars: | : Rs. 700.00 (With paper), Rs. 500.00(Without paper) |
| c. P.G. and U.G. Students | : Rs. 300.00 |

Important dates:

Submission of Abstract: **10.04.2019**

Submission of Full Paper: **25.04.2019**

How to reach Boko:

- | | |
|--|---------|
| Distance from LGBI Air port | : 45 KM |
| Distance from Guwahati Railway Station | : 68 KM |
| Distance from Jalukbari | : 56 KM |

Buses/ Travellers/ wingers etc. are available every after 10 to 15 minutes from Machkhowa, Adabari, Jalukbari(Goalpara, Dhuburi, Mankachar, Lakhipur buses are available)

NATIONAL SEMINAR ON
SCIENCE, SOCIETY AND SUSTAINABLE DEVELOPMENT
3RD AND 4TH MAY, 2019
Venue: Jawaharlal Nehru College, Boko

REGISTRATION FORM

Name in full(Block) :.....

Designation :.....

Address :.....

.....

City..... State.....PIN.....

Contact Number :.....E-mail:.....

Title of the paper:.....

.....

Registration fee(Rs.).....(Rupees.....)

Payment mode:.....DD.no.....date.....

(Those who pay online needs to enclose the transfer documents along with the registration form)

Date:

Signature

(Photocopy of the registration form is acceptable)

Contact:

Dr. Tapan Dutta,
Organizing Secretary
Tele: +91-7002005458
Email: dr_tapan38@yahoo.co.in

Dr. Dhiraj Kumar Das
Joint Organizing Secretary
Tele: +91-9435044756
Email: das.dhirajkumar@gmail.com

Email for Abstract submission: nssss.jncboko@gmail.com

REGISTRATION FORM

National Seminar on "SCIENCE, SOCIETY AND SUSTAINABLE DEVELOPMENT"

3rd & 4th May, 2019

Name (Block Letter)

Designation

Name of Organization

Address

Dist. State

PIN Phone

E-mail

Title of the paper

Registration fee Rs

(Rupees

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E-mail for Abstract submission: nssss.jnboko@gmail.com

CORRESPONDANCE :

Dr. Tapan Dutta, Organizing Secretary

Cell : +91-7002005458, Email : dr_tapan38@yahoo.co.in

Dr. Dhiraj Kumar Das, Joint Organizing Secretary

Cell : +91-9435044756, Email : das.dhirajkumar@gmail.com

CALL FOR ABSTRACT(S)

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IMPORTANT DATES

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"SCIENCE, SOCIETY AND SUSTAINABLE DEVELOPMENT (SSS-19)"

May 3rd & 4th, 2019

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Participating Departments under
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ADVANCED LEVEL BIOTECH HUB
JAWAHARLAL NEHRU COLLEGE

Boko, Kamrup, Assam, Pin-781123

Web Site: www.jncollegeboko.ac.in

In collaboration with

Aaranyak

Botanical Society of Assam (BSA)

Zoological Society of Assam (ZSA)

UGC-HRDC, Gauhati University

Assam Academy of Mathematics



**A report on two days National Seminar on
Science, Society and Sustainable Development (SSS-19)
3rd and 4th May, 2019-05-13
Jawaharlal Nehru College, Boko, Kamrup, Assam**

A two day National Seminar on Science, Society and Sustainable Development was held in Jawaharlal Nehru College, Boko, Kamrup, Assam on May 3-4, 2019 which was organised by Science Departments under DBT Star College Scheme and Advanced level Biotech Hub in collaboration with *Aaranyak*, Botanical society of Assam (BSA), Zoological society of Assam (ZSA), UGC-HRDC, Gauhati University and Assam Academy of Mathematics (AAM). The seminar was supported by Assam Science Technology and Environment Council (ASTEC), Government of Assam.

The Seminar was fortunate to have the participation from many institutes representing Assam and many other states of India. The Inaugural function started on 3rd May which was attended by Dr. Mridul Hazarika, the honourable VC of Gauhati University who inaugurated the seminar, Dr. Arup Kumar Misra, Director of ASTEC, Dr. Swaroop Nandan Borah, Professor, IITG, Dr. Partha Pratim Baruah, Professor, Department of Botany, GU, Dr. Partha Jyoti Das, Head, WCHD, Aaranyak, Mr. K. Baruah, Director of NIELIT. The welcome address was delivered by Dr. Nripen Goswami, Principal of J N College. Dr. Mrigendra Mohan Goswami, President of Governing Body briefing about the college and the seminar. The College Magazine '*Jawaharjyoti*' was also inaugurated by Dr. Mridul Hazarika, Vice-Chancellor of Gauhati University in the occasion. Dr. Tapan Dutta, Organizing Secretary of the Seminar offered vote of thanks at the end of the Inaugural Session.

The Keynote Address of the seminar on '*Science, Society and Sustainable Development*' was given by Prof. B.N. Reddy, Former Head, Dept. Of Botany, Osmania University, Hyderabad, India, followed by the Plenary lecture on '*Effective Tuberculosis Vaccine : Essential for Sustainable Development*' delivered by Dr. Pawan Sharma, Former Senior Scientist, International Centre for Genetic Engineering and Bio-Technology, New Delhi and DBT's Visiting Research Professor CVSc (AAU), Khanapara, Guwahati.



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Jawaharlal Nehru College, Boko, Kamrup, Assam, 781123



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Certificate

Certified that Dr./Mr./Ms.....of
.....participated in the “ National Seminar on Science Society and Sustainable
Development” held on 3rd nad 4th May, 2019 at Jawaharlal Nehru College, Boko and acted as Chairperson/ Co-
Chairperson/ Rapporteur in the Technical Session/ delivered a Plenary Lecture/ Invited lecture/
presented a paper(Oral/ Poster) entitled.....
.....

Dr. Nripen Goswami
Chairperson & Principal

Dr. Tapan Dutta
Organising Secretary





Tapan

(Dr. Tapan Dutta)
Principal
Jawaharlal Nehru College, Boko

Principal
Jawaharlal Nehru College
Boko