



# Cotton University Report

2018-2019

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## 3<sup>rd</sup> Mamoni Raisom Goswami Memorial Drama Competition held



The 3<sup>rd</sup> Mamoni Raisom Goswami Memorial All Assam Drama Competition was held under the aegis of Cotton University Students' Union at Kalaguru Bishnu Prasad Rabha Hall, Cotton University on October 10, 2018. A meeting was held before the competition where Dr. Swapnali Das made the welcome address to the gathering. In her inaugural speech Sabita Sharma, Director, SEARRC, highlighted on the life and works of Mamoni Raisom Goswami. Participating as

guests Dr. Pradip Sarma and Dr. Dhrubajyoti Das laid emphasis on the importance of such competitions to promote the young talents in the field of drama. Several teams from across the State joined in the competition among which Mangaldoi College and Cotton University Baruah bagged the first and second prizes respectively. Ashim Krishna Baruah and Anurupa Dekaraja were the judges of the competition. *Akhara*, a souvenir, was also released on the occasion.

## Jamia Milia shines in MCB Debate



Jamia Milia Islamia University swept the Best Team and Best Debator awards in the 38<sup>th</sup> Manik Chandra Barooah Memorial National Level Debate competition which successfully concluded on September 7, 2019 at the KBR Hall in the University premises. Cotton University won the second best team award. In the individual categories, Syeda Tahera Ahmed of Jamia Milia Islamia University, Nandini Chakravorty of Cotton University and Ivan Baruah of Shyamal College, Delhi won the first, second and third prizes respectively. This year the topic of the debate was 'In the opinion of the house, the present status of citizenship in India is rooted in the provisions of the constitution which are non-negotiable'. Hon'ble

Justice of Gauhati High Court Justice Ujjal Bhuyan graced the occasion as the chief guest. The debate was led by speaker S. Irfan Habib, a historian and public intellectual. A souvenir was also released on the occasion by All Assam Students Union (AASU) Advisor Dr. Samujjal Bhattacharjya.

Students from Jawaharlal Nehru University (JNU), Jamia Milia Islamia University, Hindu College, Delhi University, Shyamal College, Manipur University, National Law University and Judicial Academy Assam, North Eastern Hill University (NEHU), Gauhati University, Handique Girls College etc. participated in the competition.

## CJI Ranjan Gogoi inaugurates Cotton Alumni House

Chief Justice of India Justice Ranjan Gogoi inaugurated the Cotton Alumni House at Cotton University campus on May 26, 2019. He congratulated Cotton College Alumni Association for its various activities to carry forward the glorious legacy of the revered institution. He also recalled his fond memories of his academic life at Cotton College during the early seventies. While addressing the open session after formally inaugurating the Cotton College Alumni House, CJI Gogoi said that dissent and debate are cornerstones of democratic way of life. He emphasized that these two cornerstones of democracy have been under threat, thereby creating a disturbing situation for the institutions on which democracy stood.

Addressing the younger and present generation of Cottonians, Justice Gogoi said that there is no substitute to hard work to achieve one's goal. He exhorted the younger generation not to be disheartened even during times of injustice. Justice Gogoi also handed over a cheque of Rs 1 lakh as his individual contribution to Cotton College Alumni Association. Chief Justice (Acting) of Gauhati High Court Justice Arup Kumar Goswami, Vice Chancellor Prof.

Bhabesh Chandra Goswami and Secretary of Cotton College Alumni Association Dr. Satyendra Kumar Choudhury also spoke on the occasion. The meeting was presided over by Justice (retd.) D.N. Choudhury. Several former Cottonians, prominent citizens from different walks of life and faculties of Cotton University attended the function.

A commemorative volume of the centenary celebrations of Cotton College (observed during 2001-02) titled *Satabdir Pratibimba* edited by Dr. Satyendra Kumar Choudhury, Jagadish Dutta and Hiranya Kumar Barman was also released at the function. The newly inaugurated Cotton Alumni House has a 1000 square feet (sq ft) conference hall, a 300 sq ft office room and a car taker's room on its ground floor. On its first floor, it has a conference hall measuring 1,400 sq ft and two guest rooms. The Association has kept around 800 sq ft set aside for an IT centre on its second floor.

## Cotton organises National Workshop on Gender Equity

As a part of an innovative pan-India initiative towards gender audits in higher education campuses across the country, a unique first-of-its-kind workshop was organised at Cotton University during March 11-14, 2019. The workshop on Gender Equity and Inclusion hosted by Cotton University collaborated with Women in Security, Conflict Management and Peace (WISCOMP), a New Delhi based South Asian initiative that promotes women's equal participation and leadership in security and peace-building. The workshop sought to facilitate and institutionalise gender-just norms, policies and practices in Higher Educational Institutions (HEIs) that move beyond campaigns or merely punitive approaches to sexual harassment. This workshop attempted to open up spaces within university spaces for engaged dialogue to promote and nurture inclusion and equity. This initiative led by Dr. Meenakshi Gopinath Director, WISCOMP and her team Seema Kakran was supported by the Public Affairs Section of the U.S. Embassy, New Delhi. The workshop was attended by the Registrar, Dean, Students Welfare, Academic Registrar, Coordinator IQAC, faculty and students from Cotton University who committed to collaboratively make their campus gender-just and inclusive by raising awareness, tracking progress and maximizing the reach of gender-sensitization processes. Faculty from Ambedkar University, Gauhati University, Jadavpur University, TISS Guwahati, Donbosco University, NESRC and other colleges contributed their expertise to the deliberations.

Eminent Fulbright-Nehru Scholars from the USA, Prof. Yudit Greenberg and Prof. Roseann Mandzuik were joined by women's studies department faculty from Jadavpur University, Ambedkar University and women's rights advocates, and others as speakers and facilitators.

An interesting feature of the workshop was YouthSpeak a mime performance by the Cotton University students that was curated during a three-day parallel theatre workshop. There were installations on gender sensitivity and awareness through pictures and posters on campus that brought the spotlight on the need for gender-just policies and attitudes.

Another unique feature of the workshop was the presentation by the global initiative Safetipin. Dr. Kalpana Viswanath, CEO of Safetipin and her team



conducted a session with the students on the use of Safetipin, a unique and innovative mobile app that measures perceptions of campus safety.

It also proposes to operationalize NAAC mandates that require gender audits, a pilot version of which has recently been conducted by the core team. While Dr. Rakhee Kalita Moral, the coordinator of the project at Cotton University led a NE India panel 'Engendering the Discourse: Perspectives from the Field' at the three-day workshop. Prof. Debojit Sarma, Dean, SW, spoke about glaring gender gaps in the Women in STEM Education panel which also had Dr. Sanjay Dutta, Academic Registrar deliberate on discriminatory practices. Dr. Santanu Sarma, Convenor, IQAC laid out the imperatives of gender programmes and trainings as stipulated by UGC. In the student program of this workshop Dr. Dhrubajyoti Das, Dr. Gulshan Parveen and Pallavi Baruah were faculty advisors while Dr. Afsana Barbhuiyan assisted in overseeing the logistics. Dr. Rakhee Kalita Moral, sees in this unique event an opportunity for feminists and educators from the North East to build synergy with national and international scholars and hopes this is the beginning of a transformation among HEIs in the region on gender-inclusive best practices, pioneered by its oldest institution Cotton University.

## Cotton celebrates 119<sup>th</sup> Foundation Day

Cotton celebrated 119 glorious years of its existence with the Foundation Day programme at the University premise on May 27. Former Judge of the Gauhati High Court Justice Biplab Kumar Sharma was invited to deliver the Foundation Day lecture. He deliberated on 'Citizenship Law and Foreigners Issue in Assam'.

While addressing the gathering, Sharma spoke about the history of Assam's struggle for political safeguards and the role of the first Chief Minister of Assam Gopinath Bordoloi in this regard. He quoted specific communication from Bordoloi's letters to the then Prime Minister Jawaharlal Nehru highlighting the issue of infiltration in Assam during that time and its threat to the indigenous people. Justice Sharma also discussed the ramifications of the constitutional provisions of citizenship in the context of foreigners particularly in the case of Assam and called upon the civil society to deliberate upon it.

The lecture was followed by an interactive session. In an answer to a question raised by one of the faculties on the merits and demerits of the Citizenship Amendment Bill (CAB), Justice Sharma said, "In my opinion, CAB will bring no harm to the indigenous people of the State. This is however my personal opinion".

Also present on the occasion were Vice Chancellor of Cotton University Prof. Bhabesh Chandra Goswami, Registrar Prof. Diganta Kumar Das, members of the Executive Council and Academic Council, former and current faculty members, staff and students. The celebration concluded with the felicitation of students and faculty members who have achieved in academics and extra-curricular activities during the academic year.

## 92<sup>nd</sup> issue of Cottonian released



The 92<sup>nd</sup> issue of annual magazine *Cottonian* was released on the auspicious occasion of the 119<sup>th</sup> Foundation Day of the institution on May 27, 2019. Edited by Abhijit Bora, this issue is the first to be published by the institution in its capacity as a University. The previous editions were published by erstwhile Cotton College.

The issue was released by Director General of Police Kuladhar Saikia and renowned writer Nirupama Borgohain in the presence of the Vice Chancellor Prof. Bhabesh Ch. Goswami and Registrar Prof. Diganta Kr. Das.

Kuladhar Saikia appreciated the cover page and the art design of the magazine suggesting the addition of analytical and critical content in the upcoming issues. Nirupama Borgohain shared memories of her time spent in Cotton as a student.

The inaugural ceremony was attended by faculty members, staff and students of the University.

## 2<sup>nd</sup> Indira Goswami Memorial Lecture



Namita Gokhale

The 2<sup>nd</sup> Mamoni Raisom Goswami Memorial Lecture was held on November 29, 2018 at Sudmersen Hall, Cotton University, Guwahati, under the aegis of South East Asia Ramayana Research Centre and the Department of English, Cotton University. The key speaker was eminent novelist Namita Gokhale who spoke on the topic 'Words Are All We Have' which dealt with the evolving role of language and the significance of mother tongues, to a packed audience comprising of eminent personalities like Prof. Hiren Gohain, eminent journalist Dharendra Nath Bezbaruah, Prof. Upendra Nath Sharma, Prof. Gobinda Prasad Sharma, Prof. Dhruvajyoti Bora, Vice Chancellor of CU, Prof. Bhabesh Ch. Goswami, among others. In the course of the lecture, Gokhale also highlighted the immense contribution of Mamoni Raisom Goswami in the field of literature. The address of welcome was given by Sabita Sharma, Director, SEARRC. Gokhale was introduced by former Head, Dept. of English, CU, Dr. Gautam Sharma while the vote of thanks was proposed by the present Head, Santanu Phukan. The event was conducted by faculty member Dr. Kalpana Bora Barman.





Release of a publication (L); Book released as an output of the seminar

## National seminar on ‘Harnessing Wetlands for Sustainable Livelihood’ held

A national seminar on ‘Harnessing Wetlands for Sustainable Livelihood’ was held during November 26-27, 2018 at Cotton University. It was sponsored by Department of Science & Technology, Govt. of Assam and organised by ASTEC in collaboration with Cotton University. As many as 68 research papers were received of which 58 were presented in the two-day deliberation. Invited speakers of the seminar were Prof. S. K. Patnaik of Rajib Gandhi University, Arunachal Pradesh, Prof. D. C. Goswami of Gauhati University, Dr. Vinay S.P. Sinha of TERI, New Delhi and Dr. Kasturi Chakrabarty, Scientist of NESAC, Meghalaya.

In the inaugural function, Hon’ble Education Minister Sri Siddhartha Bhattacharya, Vice Chancellor of CU, Prof. Bhabesh Chandra Goswami, Director of ASTEC, Dr. Arup Kr. Misra, Principal Chief Conservator of Forest (Biodiversity & Climate Change) IFS A.K. Johari, Scientific Officer and Head, ASTEC Dr. Jaideep Baruah and Convenor of the seminar Dr. Pradip Sharma were present and delivered speeches.



Hon’ble Minister of Education Siddhartha Bhattacharya at the inaugural event

With a view to provide suggestions to the Govt. of Assam for conservation of the wetlands, a stakeholders meeting was organised as a part of the seminar. It was chaired by Prof. D. C. Goswami of GU and co-chaired by Dr. Partha Jyoti Das of Aaranyak in which fishery experts as well as fishermen and other stakeholders took active part and recommended a long list of suggestions.

The main output of the seminar is the publication of the book *Harnessing Wetlands for Sustainable Livelihood* by Notion Press, which is the first international publication of Cotton University. The book contains 25 selected papers and three invited research articles by wetland experts. Dr. Pradip Sharma is the Chief Editor, and Dr. Jaideep Baruah, Dr. Dhanjit Deka and Prachuryya Kaushik are the editors of the book.



Vice Chancellor of Cotton University Prof. Bhabesh Chandra Goswami speaking at the orientation programme organised for UG students in September, 2018 where former Vice Chancellor of Tezpur University and Adviser (Education), Govt. of Assam Prof. M.K. Choudhury was invited to address the students. The event was organised by Cotton University Teachers’ Association (CUTA).

## 91<sup>st</sup> Cottonian released



In a meeting held at Kalaguru Bishnu Prasad Rabha Auditorium, the 91<sup>st</sup> issue of *Cottonian*, the students’ magazine of Cotton University, was released by renowned novelist Nabin Baruah, the author of famous campus novel *Cotton College* on September 29, 2018. Attending as a guest, ex-editor of *Cottonian* Gangapada Choudhury dwelt on the past experiences and memories at Cotton College. The meeting was also attended by Registrar of Cotton University Prof. Diganta Kumar Das and former IAS Rabendra Kumar Das.



VC Prof. B. C. Goswami speaking in Tea Talk arranged by Cotton University where three historians and journalists from Odisha Deepak K Panda, Dr. Dadhi Bawan Misra and Dr. Bibhudutta P. K. Misra participated who are taking initiatives to restore old houses of Lakshminath Bezbaruah at Sambalpur, Odisha

## Cotton organises Varsity Week, 2019

National students' seminar *Elysian*'19 held

With a view to instill research habit and intellectual culture among students of Cotton University in particular and the youth of the society in general, *Elysian*: a national students' seminar was organised by the students of the Department of English, Cotton University from February 4 to 6, 2019 at Sudmersen Hall. The seminar held on the theme of 'War Literature- Retraching, Death, Disillusionment and Evolution' was started with the Keynote Address delivered by Dr. Rakhee Kalita Moral on 'From Corner of a Foreign Field to the Horrors of the Abyss: Men, Women and the Mind of the Great War'. On February 5, the first technical session was chaired by Dr. Gautam Sarma where Dr. Garima Kalita participated as a discussant. In the second session, Dr. G. Kalita and Dr. Abanti B. Bharali attended as chairperson and discussant respectively. On February 6, the only technical session was chaired by Amlan Deep Das where Dr. Arunabha Bhuyan participated as a discussant. A peace rally along with an Art Fest was also organised on February 4, 2019.

## Thirty six retired teachers felicitated



Cotton University Teachers' Association (CUTA) felicitated thirty six retired Associate Professors of Cotton University who superannuated during from 2015 to 2018. On the occasion, a meeting was held under the chairmanship of Dr Prahash Sarma, President of CUTA at Sudmersen Hall on January 19, 2019 where Dr Ruma Talukdar, Secretary of CUTA explained the purpose. The retired teachers expressed their gratitude to the Association for having them felicitated with such reverence.



Snapshots of cultural programme on the occasion of Silver Jubilee Celebration of Cotton University New Writers' and Artists' Association (Nabeen) held at Sudmersen Hall on February 24, 2019



The Varsity Week of the institution was held with much fanfare during February 1-8, 2019. The event was inaugurated by the then Director General of Police (DGP) of Assam Kuladhar Saikia. Apart from a number of events and competitions categorised under sports, literature and culture, some of the key highlights of the Varsity Week were a Literary Event, an Open Meeting cum Interaction, Teachers' Night and Cultural Evening. The Literary Event was inaugurated by eminent author Padma Shri Arup Kumar Datta. The Open Meeting was attended by former Vice Chancellor of Gauhati University Dr. Amarjyoti Choudhury as Chief Guest where Vice Chancellor of Cotton University Prof. Bhabesh Chandra Goswami was present as Guest of Honour. This was followed by a cultural programme which included dance and musical renditions.

## Cotton Fiesta, 2019 held



Cotton Fiesta, 2019 was held during June 30 to July 1, 2019. An inter-college/university fest, the event was organised with an objective to promote and document the rich cultural heritage, wealth and resources of Assam through exhibitions and competitions. A host of thematic events such as Kobi Sanmelan, R.C. Goffin Memorial Magazine Competition, Book Release, Photo Exhibition etc. were held on the occasion. J.P. Das and Rupam Bhuyan were the star attractions of the cultural programme.

## Departmental Activities

July, 2018



A 5-day training programme on 'How healthy nature's kidneys are? Let's diagnose with Foldscope' organised by the Department of Molecular Biology and Biotechnology (MBBT) during July 16-20, 2018 under the aegis of Department of Biotechnology, Govt. of India and sponsored by Foldscope project

Dr. Anil Saikia, Md. Ajimuddin Ahmed and Loknath Goswami in the three-day workshop on Assamese Folk Songs organised by the Department of Assamese during July 19-21, 2018



August, 2018



Registrar Prof. Diganta Kumar Das inaugurating the photography exhibition cum contest organised on August 20, 2018 by the Department of Mass Communication, Journalism and Media Studies as a part of World Photography Day (August 19) celebration

➔ An orientation programme on 'Good Laboratory Practices' was organised by the Department of Molecular Biology and Biotechnology (MBBT) on August 9, 2018. Scientific Assistant Tarun Kumar Basumatary was the speaker.

➔ An interactive programme was organised by the Department of Geography in association with Geological Survey of India (GSI), Guwahati on August 23, 2018. Invited guests Somnath Sharma, Director (Technical Coordination Division), GSI, Guwahati, Dr. Nikunja Singh and Dr. R.R. Meshram, Superintending Geologists, GSI, deliberated on the significance of minerals and mining sector as well as environmental studies in the modern world.

➔ Prof. Maitrayee Chaudhuri, Center for the Study of Social Systems, School of Social Sciences, Jawaharlal Nehru University, New Delhi was jointly invited by the Department of Sociology and Department of Philosophy to deliver a talk on 'Democracy in Smart and Instant Times' on August 24, 2018.

### September, 2018

- ➔ Prof. B.N. Goswami, SERB Distinguished Fellow, Cotton University delivered a talk on 'Clouds – The Building Blocks of Weather and Tropical Climate' in an interactive programme organised by the Department of Physics on September 1, 2018.
- ➔ Dr. Amalendu Chakraborty, Head, Department of Bengali, Dean of Arts Faculty, Gauhati University, was invited by the Department of Bengali to deliver a talk on '100 Years Celebration of Swami Vivekananda's Chicago Address' on September 1, 2018.
- ➔ Prof. Sujata Purkayashita, Department of Sanskrit, Gauhati University, was invited by the Department of Sanskrit to deliver a talk on 'Philosophy of S.Radhakrishnan' on September 5, 2018.
- ➔ A day-long workshop on 'Writing Research Paper' was organised by the Department of Mass Communication, Journalism and Media Studies on September 15, 2018. Asst. Professor, Dept. of Communication & Journalism, Gauhati University Dr. Bharati Bharali was invited as the resource person.
- ➔ Prof. B.C. Kalita was invited by the Department of Mathematics to deliver a talk on 'Application of Mathematics' on September 15, 2018.
- ➔ The 13<sup>th</sup> Dr. Pabindranath Datta Memorial Awards Presentation Ceremony was organised by the Dept. of Geology on September 15, 2018.
- ➔ Prof. R.B. Singh, Secretary General of International Geographical Union and Professor, Dept. of Geography, Delhi School of Economics, Delhi University was invited by the Department of Geography to speak on 'Research in Geography: Scope and its Application' on September 28, 2018.

### October, 2018

- ➔ Prof. Sudeepta Adhikari, Retd. Prof., Patna University was invited by the Department of Geography to speak on 'Geographical thoughts in Post modern Period' on October 4, 2018.
- ➔ Wildlife Week, 2018 was observed by the Department of Environmental Biology and Wildlife Sciences (EBWS) from October 8, 2018. Painting, photography and poetry competitions were organised to mark the occasion.
- ➔ Dr. Anamika Barua, Associate Professor of Economics, Department of Humanities and Social Sciences, Indian Institute of Technology, Guwahati, was invited by the Department of Environmental Biology and Wildlife Sciences (EBWS) to deliver a talk on 'Is there a limit to Economic Growth? An Ecological Economics Perspective' on October 8, 2018.
- ➔ Dr. Abhinandan Saikia, Assistant Professor, Centre for Ecology, Environment and Sustainable Development, Tata Institute of Social Science, Guwahati, was invited by the Department of Environmental Biology and Wildlife Sciences (EBWS) to deliver a talk on 'Wildlife, Development and Environmental History' on October 8, 2018.
- ➔ Dr. Jiten Hazarika was invited by the Department of Statistics to deliver a talk on 'Statistics - A Decision Making Science in Reality' on October 8, 2018.
- ➔ Prof. Binod Khadria of Jawaharlal Nehru University was invited by the Department of Economics to deliver a talk on 'Understanding Global aspects of International Migration' on October 9, 2018.

### November, 2018

- ➔ Dr. Kunal Kumar Das, Retd. Scientist, Indian Institute of Remote Sensing (ISRO), was invited by the Department of Geography to deliver a talk on 'Application of Geospatial Technology and its Future Trend' on November 1, 2018.
- ➔ Nikita Jain, a Post Graduate Student of Biomedical Genetics, VIT, Tamil Nadu, was invited to talk on 'What's next to B.sc in Zoology?' in an interactive programme organised by the Department of Zoology on November 5, 2018.
- ➔ Dr. Rupam Barman was invited by the Department of Mathematics to deliver a talk on 'Number Theory' on November 11, 2018.
- ➔ A workshop on 'Fact Checking and Online Data Verification: How to Tackle Disinformation?' was organised at the University Computer Centre by the Department of Mass Communication, Journalism and Media Studies on November 17, 2018. Trainers of Google News Initiative (GNI) India Training Network & Assistant Professors of the Dept. of Mass Communication Monjib Mochahari and Jai Kishan SG were invited as resource persons.
- ➔ Prof. T. R. Seshadri, Department of Physics and Astrophysics, University of Delhi was invited by the Department of Physics to deliver a talk on 'Accidental Discoveries in the Sky' on November 17, 2018.
- ➔ Professor E. D. Jemmis, Indian Institute of Science, Bangalore, was invited by the Department of Chemistry to deliver a talk on 'Boron Plays Hide and Seek: Inevitability of Uncertainties' on November 19, 2018.
- ➔ Dr. Dinesh Mani Tripathi, Assistant Prof, Institute of Liver and Biliary Sciences, New Delhi was invited by the Department of Molecular Biology and Biotechnology for an interactive programme on 'Prospects of Biomedical Research' on November 21, 2018.
- ➔ A workshop on 'An Introduction to Research Methodology' was organised by the Department of Environmental Biology and Wildlife Sciences (EBWS) on November 28, 2018. Postdoctoral Research Associate, Centre for Ecological Sciences, Indian Institute of Science, Bangalore, Dr. Hari Sridhar was invited as the resource person.
- ➔ Dr. Hari Sridhar, Postdoctoral Research Associate, Centre for Ecological Sciences, Indian Institute of Science, Bangalore, was invited by the Department of Environmental Biology and Wildlife Sciences (EBWS) to deliver a talk on 'Why do birds form mixed-species flocks' on November 28, 2018.
- ➔ Dr. Joyshree Chanam, National Centre for Biological Sciences, Bangalore, was invited by the Department of Environmental Biology and Wildlife Sciences (EBWS) to deliver a talk on 'Ants in my Plants' on November 28, 2018.
- ➔ Dr. Anuradha Sarma of Gauhati University was invited to deliver a talk on 'Introduction to the Novels of Mamoni Roisom Goswami' and Dr. Jahnabi Devi on 'Feminism in the Novels of Mamoni Roisom Goswami' by the Department of Assamese on November 29, 2018
- ➔ S. K. Mahapatra, Financial consultant of HDFC Mutual Fund, was invited by the Department of Economics to deliver a talk on November 30, 2018.



## Departmental Activities

November, 2018



An ICSSR-sponsored national seminar on 'Contemporary Anthropology and North-East India' organised by the Department of Anthropology during November 1-3, 2018



Dr. Abishek Harihar, Panthera, USA delivering a talk on 'How are we conserving the most charismatic cat in the world?' organised by the Department of Environmental Biology and Wildlife Sciences (EBWS) on November 5, 2018



Post Graduate diploma students of Mass Communication staging street plays on awareness against spread of fake news and mobile overuse during November 21-22, 2018

December, 2018

➔ Dr. Mukti Dev Choudhury, Retd. Head, Department of Bengali and Principal of erstwhile Cotton College, was invited by the Department of Bengali to deliver a talk on 'A Comparative Study: Rajarshi by Rabindranath Tagore & Chhinnamastar Manuhto by Mamoni Raisom Goswami' on December 2, 2018.



*An interactive programme titled ANKAHI: Share, Exhibit, Reminisce' organised by Team Khayaal of the Centre for Heritage Management, Ahmedabad University in collaboration with the Department of Archaeology at Cotton University on December 1, 2018. Aayushi Maheshwari and Shaoni Pramanick graced the occasion as speakers*

*Mahesh S.S delivering his talk on 'Use of Bioacoustics for dispersing birds and animals' organised by the Department of Zoology, December 20, 2018*



### January, 2019



*A glimpse of the national seminar on 'Contemporary Visual Culture: Practice and Possibilities of North East India' organised by the Department of Archaeology in association with the Lalit Kala Akademi, Regional Centre, Kolkata and Pragjyotish Centre for Cultural Research, Guwahati during January 4-5, 2019.*

⌘ A special lecture on 'Early Historic Field Archaeology in Odisha' by Prof. Dr. Paul Yule of Heidelberg University, Germany was organised by the Department of Archaeology on January 18, 2019.

⌘ Dr. Sarthak Sengupta was invited to deliver B. M. Das Memorial Lecture on 'Distribution of Globin Gene in Northeast India and Beyond' organised by the Department of Anthropology on January 22, 2019.

⌘ Amit Prakash from Jawaharlal Nehru University was invited to deliver a special talk on 'Nationalist Discursive Structures and a New Hegemonic Consensus: The State and Tribal Identities in India' by the Department of Political Science on January 25, 2019.

### February, 2019

⌘ A special lecture on the occasion of 'International Mother Language Day' by Nurul Islam Saikia was organised by the Department of Assamese on February 21, 2019.

⌘ A campus bird count was organised by the Department of Environmental Biology and Wildlife Sciences during February 15-18, 2019 as a part of the annual Global Backyard Bird Count event.

⌘ 'CV Raman Bird Count' was organised by the Department of Environmental Biology and Wildlife Sciences on the occasion of National Science Day on February 28, 2019.

⌘ A special talk on 'Computer Architecture' by Dr. Angshuman Parashar of Architecture Research Group, NVIDIA was organised by the Department of CS & IT on February 18, 2019.

⌘ Dr. Malay B. Mukherjee, Scientist F (Deputy Director, Sr Grade), Head, Department of Haematogenetics, ICMR-National Institute of Immunohaematology, Mumbai, was invited by the Department of Anthropology to deliver a special lecture on 'Epidemiology, Genetic Variants and Clinical Implications of G6PD Deficiency in India' on February 18, 2019.

### March, 2019

⌘ Dr. Ram Kumar Mukhopadhyay was invited by the Department of Assamese to deliver a talk on 'অসমীয়া আৰু বাংলা কবিতাৰ তুলনামূলক আলোচনা' on March 2, 2019.

⌘ Dr Anjan Kr. Chakrabarty, Assistant Professor, IIT, Guwahati, was invited to deliver a talk on 'Riemann Integration' by the Department of Statistics on March 6, 2019.

⌘ Subhankar Sharma, a former student of the Department of Statistics who recently enrolled in Max Planck University, Germany for pursuing PhD in Population Sciences, was invited by the Department for an interactive programme organised on March 28, 2019.

⌘ An international conference on Plant Science was jointly organised by the Botanical Society of Assam, Department of Botany, Gauhati University, Assam Science Technology and Environment Council (ASTEC) and the Department of Botany, Cotton University during February 4-6, 2019.

⌘ Dr. Pradip Khataniar, Retd. Head of the Department of Philosophy, Cotton University, was invited by the Department of Bengali to deliver a special talk on 'Bartaman Samajjibane Matribhasa Charchar Prayojaniyata' on the occasion of International Mother Language Day on February 21, 2019.



*Jiwan Narah, noted poet delivering a talk on 'মোৰ কবিতা : মোৰ অনুভৱ' on March 16, 2019 in the Department of Assamese*



Official release of print journals and news bulletins in Assamese and English language produced by PG Diploma students of the Department of Mass Communication, Journalism and Media Studies by senior journalists Sushanta Talukdar and Dr. Kumud Das in the presence of Registrar Prof. Diganta Kumar Das, Academic Registrar Dr. Sanjay Dutta and Head (i/c) Dr. Abhijit Bardoloi on April 9, 2019

### April, 2019

☞ An ICSSR sponsored national workshop on 'Research Methodology on Social Sciences' was organised by the Department of Geography during April 1-10, 2019.

☞ A special talk on 'Mental Health Issues' by Prof. P.K Gupta, Retired Head, Dept of Education, NEHU, Shillong, was organised by the Department of Education on April 3, 2019.

☞ Anima Saikia, Ex. General Manager (Geology), ONGCL, was invited as the guest speaker to a workshop on 'Sequence Stratigraphy' organised by the Department of Geology for its M. Sc. students and research scholars on April 6 & April 8, 2019.

### May, 2019



DGP of Assam Kuladhar Saikia addressing the release function of Economica-a journal of the Department of Economics on May 4, 2019

☞ Prof. Swarna Prabha Chainary was invited to deliver a special talk on 'Structure of the Bodo Language' by the Department of Bodo on May 4, 2019.

☞ A special lecture on 'Ancient Seafaring on the West Coast of India' by Dr. Abhijit Dandekar of Deccan College Post Graduate and Research Institute, Pune was organised by the Department of Archaeology on May 9, 2019.

☞ Dr. Chinmoy Hawladhar, Associate Professor, National University, Dhaka, was invited by the Department of Hindi to deliver a talk on 'Bartaman Paripeksh me Rabindra Nath Tagore' on May 9, 2019.

### June, 2019

☞ A 3-day training & field visit on 'Understanding Biodiversity & Environmental Issues for Better Reportage' was organised by NGO Aaranyak and supported by Internews' Earth Journalism Network in association with the Department of Mass Communication, Journalism and Media Studies during June 17-19, 2019.

☞ Dr. K. Bezbaruah of Texas University, Arlington, USA, was invited to deliver a talk on 'Influence of Advocacy on Policy Decisions: Role of Non-Profit Organizations' by the Department of Geography on June 25, 2019.

☞ A national conference on 'Green, Sustainable and Evolving Sciences (GSSES-2019)' was organised by the Department of Zoology in association with UGC, ASTEC and Departments of Chemistry, Biology, Physics and Mathematics, Cotton University during June 28-29, 2019.



Dr. Ambika Aiyadurai, Assistant Professor of Department of Humanities and Social Sciences, Indian Institute of Technology, Ahmedabad delivering a talk on 'Hunting in Northeast India and the challenges of implementing Wild Life (Protection) Act, 1972' organised by the Department of Environmental Biology and Wildlife Sciences on June 27, 2019



Padma Bhushan Jahnur Baruah addressing the New Filmmakers' Conclave organised by Cine Magazine Bixoy Cinema in association with the Department of Mass Communication, Journalism and Media Studies on June 9, 2019

## Faculty Activities (July to December, 2018)

**Dr. Ambeswar Gogoi**, Associate Professor, Department of Assamese, was invited as a resource person by Tingkhong College, Dibrugarh on August 23, 2018 to speak on 'Application of Computational Linguistics in Assamese'; Invited by Mahatma Gandhi University, Meghalaya on December 20, 2018 to speak on 'Society in N.E. Indian Literature'; Invited by Arya Bidyapeeth Higher Secondary School, Guwahati on November 17, 2018 to speak on 'Role of Newspapers & Magazines in the Development of Students'.

**Dr. Chandan Jyoti Kumar**, Assistant Professor, Department of Computer Science & Information Technology was invited to chair a session on 'Emerging Trends in Machine learning with special emphasis towards Speech processing, Computer vision and IoT' at ICCIoT 2018 organised by NIT Agartala during December 14-15, 2018.

**Dr. Dhrubajyoti Das**, Associate Professor, Department of English was invited as a resource person by Karmashree Hiteshwar Saikia College on August 11, 2018 to speak on 'Victorian conflict and Mathew Arnold's poetry'.

**Dr. Gautam Mazumdar**, Associate Professor, Department of Economics, was invited as a resource person to a Teacher's Orientation Programme by MaharishiVidya Mandir, Borsajai, Guwahati on July 2, 2018; Invited by Gauhati Commerce College on September 28, 2018 to speak on 'Emerging Trends in Finance, Accounting, and Management of Business with reference to North-eastern Region'

**Dr. Indrani Sarma**, Assistant Professor, Department of Sociology, was invited as a resource person on 'Cleaner India Programme' telecasted by DD National and DDK-Guwahati on December 21, 2018; Invited by Centre for Cultural Resources and Training (CCRT), Guwahati Regional Centre on December 7, 2018 to speak on 'Gender and Culture'.

**Dr. Jagadish Patgiri**, Associate Professor, Department of Philosophy was invited to speak on 'Ganasanskriti, Modern Drama and Direction' in a special memorial lecture programme on Dr. Bhupan Hazarika organised by the Department of Assamese, Bodoland University, Kokrajhar on November 5, 2018; Invited to the 3<sup>rd</sup> Wittgenstein International Conference Culture and Value of Wittgenstein organised by the Department of Humanities and Social Sciences, IIT, Mumbai,— during November 24-26, 2018 to speak on 'An approach on Culture and Value: Gandhi and Wittgenstein'.

**Jitumoni Basumatary**, Assistant Professor, Department of English was invited as a resource person at the 'Katha Workshop for young writers' (East Zone) at Royal Global School during October 28-29, 2018.

**Dr. Kusum Kunja Malakar**, Associate Professor, Department of Hindi was invited as a resource person by Reserve Bank of India, Panbazar, Guwahati on September 14, 2018 to speak on 'Hindi bhasha ka mahatva aur upyog'; Invited by the Department of Hindi, Gauhati University on November 1, 2018 to speak on 'Chayyabad ek punarmulyankan'.

**Dr. Maheswar Kalita**, Associate Professor, Department of Assamese was invited as a resource person by the Asom Sahitya Sabha, Kharghuli Sakha on July 18, 2018 to speak on 'Laxminath Bezbaruar Sahitya Manabatabaad'; Invited to the North East Book Fair on November 13, 2018 to speak on 'Poetry of Bhabananda Dutta'.

**Dr. Mala Dutta**, Associate Professor, Department of Geography was invited as a resource person by Ayushman Institute of Mental Health and Research, Guwahati on November 23 to speak on 'Space and Health'.

**Dr. Manjil Hazarika**, Assistant Professor and Head (i/c), Department of Archaeology was invited to chair a seminar on 'Contemporary Printmaking of Northeast India' organised by Pragyotish Centre for Cultural Research at Srimanta Sankardeva Kalakshetra, Guwahati on July 8, 2018; Invited by the Department of History, Lumding College, Assam to speak on 'Archaeology as a Source of Writing India's Early Past' on September 13, 2018; Invited as a resource person of a day-long workshop on 'The School of Everyday: Practice as Pedagogy' organised at Agora, Guwahati on November 4, 2018 wherein he spoke on 'Archaeology: the art of looking at the past'.

**Dr. Manjit K. Bhattacharyya**, Associate Professor, Department of Chemistry was invited as Evaluator at the 26<sup>th</sup> National Children Science Congress, 2018 organised by DST Government of India during October 23-26, 2018; Invited to Chair a technical session at a national seminar on 'Harnessing Wetlands for Sustainable Livelihood' organised by ASTEC and Cotton University during November 26-27, 2018; Invited to deliver a talk on 'Cooperative Supramolecular Contacts' at an international conference in Chemistry titled Organix-2018 organised by the Department of Chemical Sciences, Tezpur University during December 20-21, 2018; Invited to deliver a talk on 'Cooperative Interplay Involving Weak' at an international seminar on 'Recent Advances in Chemical Sciences and Allied Areas' (RACS2A-2018), organised by Indian Chemical Society at G.B. College, Naugachia, Bihar during December 28-29, 2018.

**Dr. Mayuri Chabukdhara**, Assistant Professor, Department of Environmental Biology and Wildlife Sciences (EBWS), was invited as a resource person to speak on 'Construction and Demolition Waste Management under Green Skill Development Programme (GSDP)' and 'Waste Management under Green Skill Development Programme (GSDP)' by ENVIS Centre, North Eastern Hill University, Shillong, Meghalaya, during September 4-5, 2018.

**Dr. Merry Baruah**, Assistant Professor, Department of English was invited as a resource person at the 'Katha Workshop for young writers' (East Zone) at Royal Global School during October 28-29, 2018.

**Dr. Moitrayee Banerjee Chakraborty**, Assistant Professor, Department of Botany, was invited as a resource person by the Asian Institute of Management and Technology on October 11, 2018 to speak on 'Light Dependent Reactions of Photosynthesis'.

**Dr. Namram Sushindrajit Singh**, Assistant Professor, Department of Zoology, was invited as a resource person at the National symposium on Avian Biology organised by Mizoram University, Department of Zoology during October 22-24, 2018 to speak on 'Ectoparasitic infection in Eurasian tree sparrow'.

**Dr. Narayan Sharma**, Assistant Professor, Department of Environmental Biology and Wildlife Sciences (EBWS), was invited to a student conference on Conservation Science in Bengaluru, Karnataka on September 29, 2018 to speak on 'Why and how of primate census and survey'; Invited to deliver a talk on 'Conservation on the wheels' by Guwahati Chapter of Trippers Club, Chandubi Jungle Camp, Chandubi, Assam on August 18, 2018.

**Nur Islam Saikia**, Associate Professor, Department of Assamese, was invited as a resource person by the Asom Sahitya Sabha, Damdama Sakha on July 1, 2018 to speak on 'Isms in Assamese Literature'; Invited by Dhakurapara Satra, Ramdiya, Hajo on October 8, 2018 to speak on 'New Vaishnavite Movement in Assam'; Invited by Rashmi Rekha Printers, Baihata Chariali, at Guwahati Press Club on October 21, 2018 to speak on 'Assamese Poetry'; Invited by Sankar Ajan Junior College, Baramboi, Kamrup on November 14, 2018 to speak on 'Anti-Educational Tendencies in the Present Education System'.

**Dr. Parijat Borgohain**, Associate Professor, Department of Geography, was invited as a resource person by Kyoto University, Japan on November 16, 2018 to speak on 'Social and economic problems of the tea garden workers in Assam'.

**Dr. Purabi Deka Bose**, Assistant Professor, Department of Molecular Biology and Biotechnology was invited as a resource person of a workshop and hands-on training programme on 'Role of Flow-Cytometry in biomedical research and clinical diagnostics' by Fakhruddin Ali Ahmed Medical College, Barpeta on November 26, 2018.

**Dr. Rakhee K. Moral**, Associate Professor, Department of English was invited by Ashoka University on July 23, 2018 to deliver the Dr. Saifuddin Kichlu Chair Special Lecture on 'Negotiating peace in India's North east: Women as warriors and women as writers'; Invited by the Centre for Northeast Studies and Policy Research, Jamia Millia Islamia, New Delhi Sep 10, 2018 to speak on 'Rebels, Feminists, 'Bead Girls': Women and Nation in the Time of Insurgency'; Invited by WISCOMP, New Delhi on October 13, 2018 at India Habitat Centre, New Delhi to speak on 'Gender status in NE India: Orientation for Gender Equity Initiative in Higher Education Campuses'; Invited by the University of Amsterdam during October 18-21, 2018 to speak at the Global Critical Pedagogies Conference, HaB-IIAS project alternative pedagogy Roundtable.

**Dr. Sangeeta Barthakur**, Associate Professor, Department of Statistics, was invited as a resource person by K.C. Das Commerce College on September 24, 2018 to speak on 'Statistics in Research Methodology'.

## Faculty Activities (January to June, 2019)

**Dr. Akalesh K. Verma**, Assistant Professor, Department of Zoology, was invited to the 20<sup>th</sup> INDO-US Flow Cytometry Workshop Symposium on Advanced Molecular Techniques to speak on 'Antibody microarray and computational approaches in target identification and drug discovery' organised by Cachar Cancer Hospital and Research Center, Silchar, Assam during March 24-27, 2019.

**Dr. Ambeswar Gogoi**, Assistant Professor, Department of Assamese, was invited to speak on 'Twentieth Century Assamese Magazine' organised by Lakhimpur Press Club on February 12, 2019.

**Dr. Amiya Baruah**, Assistant Professor, Department of Geology, was invited by the Department of Civil Engineering, Indian Institute of Technology Guwahati, Assam to deliver a talk on 'Role of multiphase flows in controlling the dynamics of melts and other geological fluids' on June 6, 2019.

**Dr. Dhrubajyoti Das**, Associate Professor, Department of English, was invited as a discussant to an academic seminar to speak on 'The Social Responsibility of a Teacher in Present Time' organised by Sankadev Bidya Niketan, Jalah on January 27, 2019.

**Dibyajyoti Bora**, Assistant Professor, Department of Statistics, was invited as Resource Person to a seven-day UGC-sponsored national workshop on Research Methodology organised by IQAC, Dakhin Kamrup Girls College on March 7, 2019.

**Dr. Fazlur Rahman**, Associate Professor, Department of Arabic, Persian & Urdu, was invited to speak on 'Prophet Muhammad (sm) and his teaching to maintain communal harmony in a country having different culture and religion' by Bhawanipur Anchalik College, Bhawanipur, Barpeta, Assam on January 29, 2019.

**Dr. Gautam Mazumdar**, Associate Professor, Department of Economics, was invited to speak on 'Teaching of Economics at Elementary Level' by SCERT, Assam on February 9, 2019; Invited to speak on 'Economic Potential of North East India' by Assam Administrative Staff College, Khanapara, Guwahati on April 8, 2019.

**Dr. Jagadish Patgiri**, Associate Professor, Department of Philosophy, was invited to deliver the ICPR Periodic Lecture on 'Peace and Conflict Resolution: A Gandhian Approach' organised by Department of Philosophy, Karmashree Hiteswar Saikia College during March 28-29, 2019.

**Dr. Lutfu Hanum Selima Begum**, Associate Professor, Department of Assamese, was invited by North Lakhimpur College to speak on 'ঊনবিংশ আৰু বিংশ শতিকাৰ ফল্গাটী কবিতা আৰু অসমীয়া কবিতাত তাৰ অনুকৰণ' on April 6, 2019.

**Dr. Mala Dutta**, Associate Professor, Department of Geography, was invited as Resource Person to speak on 'Transformative pathways in Higher Education UGC Human resource' organised by WISCOMP & Cotton University during March 11-14, 2019; Invited as Resource Person by Development Centre, Gauhati University for a Research Methodology workshop during March 14-20, 2019.

**Dr. Manjil Hazarika**, Assistant Professor, Department of Archaeology was invited to deliver a talk on 'Sculptural Heritage of Ancient Pragjyotishpura' at Baithak organised by Heritage Art & Design as part of India Heritage Walk Festival, Sahapedia, UNESCO, NMDC and ODIGOS

at Cotton University during February 23, 2019; Invited to deliver the concept note of the proposed "North East Natural History Institute and Eco-museum Heritage" at the North East Natural History Conclave organised by North East Watch in collaboration with Transformation and Development Department of the Govt. of Assam during January 30, 2019.

**Dr. Manjit K. Bhattacharyya**, Associate Professor, Department of Chemistry, was invited to chair a technical session which was a part of 'Science for Sustainable Development, SSD-2019' organised by B. Barooah College and ASTEC, Assam on January 9, 2019.

**Dr. Mita Chakraborty**, Associate Professor, Department of Bengali, was invited to chair the academic session of a national seminar entitled 'Puranic Influences on Eastern-Indian Literature' organised by Gauhati University on March 30, 2019.

**Dr. Narayan Sharma**, Assistant Professor, Department of Environmental Biology & Wildlife Sciences, was invited to speak on 'Study design and field surveys in ecology' by the Human Resource Development Centre, Gauhati University on February 15, 2019; Invited to speak on 'Going, going and almost gone: A requiem for the primates of Upper Assam' at Science Cafè hosted by Bangalore Life Science Bio Cluster in collaboration with IASST, Guwahati on January 31, 2019; Invited to speak on 'Research and fellowship prospects and opportunities in India and abroad' by University of Science and Technology, Meghalaya on June 25, 2019.

**Dr. Prasanta Chakraborty**, Associate Professor, Department of Bengali, was invited by the School of Science, Agartala to deliver a lecture on 'Bangla Byakaran Ebang Kavya O Sahitya' during February 16-17, 2019; Invited by Publication Board, Assam to moderate and preside over a session in the 3<sup>rd</sup> International Brahma Putra Literary Festival, 2019 during February 9-11, 2019.

**Dr. Prasun Barman**, Associate Professor, Department of Bengali, was invited to deliver a lecture in the three-day national seminar organised by the Department of Comparative Indian Language And Literature, University of Calcutta, during March 6-8, 2019; Invited to deliver a lecture on 'Bangla Little Magazine' organised by Bangiya Sahitya Parishad, Kolkata, on March 31, 2019.

**Dr. Rakhee Kalita Moral**, Associate Professor, Department of English, was invited by the Department of Language Studies, Assam Don Bosco University to deliver a talk on 'Literature from NE India' on the occasion of World Language Day on May 7, 2019; Invited by School of Women's Studies, Jadavpur University to deliver a special lecture on 'Feminists, Deviants, Historians: Writing Beyond Violence in Northeast India' on June 11, 2019; Invited as Resource Person to a Research Methodology Workshop by the School of Women's Studies, Jadavpur University during June 12-13, 2019.

**Dr. Sangeeta Barthakur**, Associate Professor, Department of Statistics, was invited as Guest of Honour by the Field Operation Division, National Sample Survey Organisation, Guwahati on the occasion of National Statistics Day Celebration on the theme 'Sustainable Development Goals' on June 29, 2019.

**Dr. Sukanta Deb**, Assistant Professor, Department of Physics was invited as a resource person by National Council of Science Museums, Kolkata to speak on 'Celestial Mechanics, Variable Stars and Binaries' as part of International Astronomy Olympiad held at Regional Science Centre, Guwahati during May 4, 5 and 9, 2019; Invited by Department of Philosophy, Kumar Bhaskar Varma University of Sanskrit and Ancient Studies, Nalbari to speak on 'How to Learn Physics for Competitive Examinations?' on March 24, 2019.

## Ph.D Guides and Number of Research Scholars

### **Anthropology (Research Scholars 14)**

**Guides:** Dr. Upala Barua, Dr. Tiluttoma Baruah, Dr Jonali Devi, Dr. Teresa L Khawzawal, Dr. Chandana Sarma, Dr. Maishnam Rustam Singh

### **Arabic (Research Scholars 12)**

**Guides:** Dr. Farid Uddin Ahmed, Dr. Noor Uddin Ahmed, Dr. Fazlur Rahman, Dr. Abu Bakkar Siddique

### **Archaeology (Research Scholar 1)**

**Guide:** Dr. Manjil Hazarika

### **Assamese (Research Scholars 16)**

**Guides:** Dr. Lutfu Hanum Salima Begum, Dr. Ambeswar Gogoi, Dr. Kakoli Gogoi, Dr. Dipanjali Das Goswami, Dr. Maheswar Kalita, Dr. Kalpana Sarma Kalita, Dr. Dilip Rajbongshi, Dr. Champakali Talukdar

### **Bengali (Research Scholars 6)**

**Guides:** Dr. Prasun Barman, Dr. Mita Chakraborty, Dr. Prasanta Chakraborty, Dr. Debjani Dey, Dr. Sipra Guha Neog

### **Botany (Research Scholars 12)**

**Guides:** Dr. Dandadhar Borah, Dr. Jayashree Chakraborty, Dr. Reetoparna Patowary Kakati, Dr. Mina Ram Nath, Dr. Saranga Ranjan Patgiri, Dr. Jinu Devi Rajkumari, Dr. Himu Roy, Dr. Mandira Sarma, Dr. Ruma Sarma, Dr. Hrishikesh Upadhaya, Dr. Jimmy Y Yumnam

### **Chemistry (Research Scholars 19)**

**Guides:** Dr. Apurba Kr. Barman, Dr. Manjit Kumar Bhattacharyya, Dr. Debasish Chowdhury, Dr. Rinu Prabha Deka, Dr. Mausumi Ganguly, Dr. Alok Ch. Kalita, Dr. Ankur Kanti Guha, Dr. Neelopal Sen Sarma, Dr. Prahash Chandra Sarma, Dr. Pankaz Kr. Sharma, Dr. Sagar Sharma, Md. Abdul Wahab

### **Computer Sc & IT (Research Scholars 4)**

**Guides:** Dr. Hiten Choudhury, Dr. Chandan Jyoti Kumar

### **Economics: (Research Scholars 3)**

Dr. Daisy Das, Dr. Padma Sharma, Dr. Suresh Kumar Nath, Dr. Rupon Basumatary

### **Education (Research Scholars 4)**

**Guides:** Dr. Juri Mahanta, Dr. Phunu Das Sarma

### **English (Research Scholars 7)**

**Guides:** Dr. Rakhee Kalita Moral, Dr. Merry Baruah Bora, Dr. Dhruvajyoti Das, Dr. Payal Jain, Dr. Arpana Nath, Dr. Kalpana Bora Barman, Dr. Deetimali Barua Nath

### **Environmental Biology & Wildlife Sciences (R S 6)**

**Guides:** Dr. Leena Borah, Dr. Mayuri Chabukdhara, Dr. Narayan Sharma

### **Geography (Research Scholars 12)**

**Guides:** Dr. Parijat Boragohain, Dr. Narayan Chetry, Dr. Mala Dutta, Dr. Barnali Gogoi, Dr. Pradip Sharma, Dr. Gitika Thakuriah

### **Geology (Research Scholars 8)**

**Guides:** Dr. Abhijit Bardoloi, Dr. Amiya Baruah, Dr. Madhurjyotit Chakravarty, Dr. Ananya Chutia, Dr. Bibhuti Gogoi, Dr. Santanu Sarma, Dr. Hemangi Deka Sarma, Dr. Satyajit Kataki

### **Hindi (Research Scholars 6)**

**Guides:** Dr. Jeetendra Gupta, Dr. Kusum Kunja Malakar, Dr. Nurjahan Rahmatullah, Dr. Parishmita Bordoloi

### **History (Research Scholars 3)**

**Guides:** Dr. Bandana Baruah, Dr. Rishi Karna Das, Dr. Barnali Sharma, Dr. Akunthita Borthakur, Dr. R Thaoscn

### **Mathematics (Research Scholars 11)**

**Guides:** Dr. Tazuddin Ahmed, Dr. Rituparna Chutia, Dr. Prohlika Das, Dr. Chandra Rckha Mahanta, Dr. Ashish Paul, Dr. Kukil Kalpa Rajkhowa, Dr. Dipak Sarma, Dr. Hiren Deka, Dr. Kalpana Sarma

### **Molecular Biology & Biotechnology (Research Scholars 22)**

**Guides:** Dr. Raju Bharalee, Dr. Purabi Deka Bose, Dr. Manoj Kumar Das, Prof. Suresh Deka, Dr. Nameirakpam Nirjanta, Devi, Dr. Rajalakshmi Devi, Dr. Majibur R Khan, Dr. Rosy Mondal, Dr. Soumyadeep Nandi, Dr. Wahengbam Romi, Prof. N C Talukdar, Dr. Debajit Thakur

### **Persian (Research Scholar 1)**

**Guides:** MD. Painuruddin Ahmed, Dr. Forman Ali, Dr. Roushan Ara Begum, Dr. Tafiqur Rahman

### **Philosophy (Research Scholars 7)**

**Guides:** Dr. Sabitri Devi, Dr. Samiksha Gohain, Dr. Jagadish Patgiri

### **Physics (Research Scholars 7)**

**Guides:** Dr. Santanu Kumar Baishya, Dr. Prasad Basu, Dr. Debajyoti Barooah, Dr. Namita Sarma Bordoloi, Dr. Biswajit Choudhury, Dr. Sukanta Deb, Dr. Sukanta Deb, Dr. Abu Mohd. Pharhad Hussain, Dr. Sarathi Kundu, Dr. Rahul Mahanta, Dr. Sudipta Nandy, Dr. Arup Ratan Pal, Dr. Mahadev Patgiri, Dr. Debojit Sarma, Dr. Kalpana Sarma, Dr. Sumita Kumari Sharma, Dr. Ganesh Chandra Wary, Dr. Paban Kumar Sahariah

### **Political Science (Research Scholars 3)**

**Guides:** Dr. Paramita Dey, Dr. Dilip Gogoi, Dr. Shantanu Chakravarty

### **Psychology (Research Scholars 2)**

**Guide:** Dr. Dimpy Mahanta

### **Sanskrit (Research Scholar 1)**

**Guide:** Dr. Bagmita Sandilya

### **Sociology (Research Scholars 2)**

**Guide:** Dr. Indrani Sarma

### **Statistics (Research Scholars 7)**

**Guides:** Dr. Gautam Choudhury, Dr. Dulmoni Das, Dr. Surobhi Deka, Dr. Sangeeta Kalita, Dr. Lipi B Mahanta, Dr. Lipi B Mahanta, Dr. Ruma Talukdar, Dr. Bandana Sharma

### **Zoology (Research Scholars 13)**

**Guides:** Syada Rezina Ahmed, Dr. Devajit Basumatari, Dr. Uma Dutta, Dr. Arup Kr. Hazarika, Dr. Sourav Kundu, Dr. Anjana Singha Naorem, Karobi Bhuyan Saikia, Dr. Namram Sushindrajit Singh, Dr. Mamata Goswami, Dr. Akalesh Kumar Verma

(As on 1<sup>st</sup> February, 2019)

**Nandini Chakraborty**, (PG 2<sup>nd</sup> semester, Department of Environmental Biology and Wildlife Sciences) won the 2<sup>nd</sup> Best Debater and Best Team awards in the XXXVIII Manik Chandra Memorial Debate Competition organised by Cotton University on September 7, 2018.

**Rakhee Sharma**, (Alumnus, Batch 2016-2018, Department of Environmental Biology and Wildlife Sciences) has been selected to present her paper titled 'Analysis of Wildlife News Coverage in an English Daily of Assam' in a student conference on 'Conservation Science- Australia (SCCS-Australia)' to be held during July 3-10, 2019 at Brisbane, Australia.

**Nandini Chakraborty**, (PG 2<sup>nd</sup> semester, Department of Environmental Biology and Wildlife Sciences) won the 2<sup>nd</sup> Best Debater award in Lt. Col Dipjyoti Gogoi Memorial All Assam Debating Competition organised by Veterinary College, Khanapara, Guwahati on October 7, 2018.

**Mousumi Barua**, (UG 6<sup>th</sup> Semester, Department of Economics) won 2<sup>nd</sup> position in the quiz competition organised during North East Youth Conclave in October, 2018.

**Ashim Nath**, (UG 6<sup>th</sup> Semester, Department of Economics) won the 'Best Manipuri Dancer' award conferred by the All Assam Manipuri Dance Association in October, 2018.

**Monica Limbu**, (PG 2<sup>nd</sup> semester, Department of English) represented India as a Youth Delegate from the Ministry of Defense, Govt. of India in Kyrgyzstan during October 15-25, 2018.

**Hiranya Hazarika** (UG 6<sup>th</sup> semester, Department of English) received the prestigious Youth Leadership Award 2018 at the 13<sup>th</sup> Global Youth Peace Forum (GYPF 2018) in Chandigarh on October 1, 2018.

**Anansha Barthakur** (UG 6<sup>th</sup> semester, Department of English) won Best Team and Best Debator awards at the 55<sup>th</sup> Bhola Baruah Memorial North East Debate Competition held on September 12, 2018; 2<sup>nd</sup> Best Debator award at Dr. Birinchi Kumar Baruah Memorial All Assam Debate held at Gauhati Commerce College on September 10, 2018; Best Debator award in the All Assam Debating Competition held at Lalit Chandra Bharali College on November 20, 2018.

**Darshana Barman** (UG 6<sup>th</sup> semester, Department of Geography) won 1<sup>st</sup> position in the folk song competition at 5<sup>th</sup> North East Youth Conclave and Amalgamation in Sikkim held during October 25-30, 2018).

**Anjan Jyoti Deka** (UG 6<sup>th</sup> semester, Department of Physics) participated in 19<sup>th</sup> International Workshop on 'Computational Physics and Material Science: Total Energy and Force Methods' in ICTP, Trieste, Italy during January 9-11, 2019.

**Nabajit Barman** (PG 1<sup>st</sup> semester, Department of Sociology) was conferred the 'Bir Chilaray Award' by the Government of Assam for the year 2018-19 for his outstanding achievement in NCC (Air Wing). The award was conferred in August, 2018.

**Kritika Upadhaya** (PG 1<sup>st</sup> semester, Department of Sociology) secured Champion position in a Table Tennis competition held at Don Bosco School, Panbazar, Guwahati, during July 17-20, 2018; Champion position at Indoor Stadium, Sivasagar during August 30 – September 2, 2018; 1<sup>st</sup> runner-up at Indoor Stadium Dibrugarh during August 9-12, 2018.

**Monikongkona Boruah and Tandralee Bhuyan**, (PG 4<sup>th</sup> semester, Department of Zoology) won the 'Best Poster Presentation' award at an event titled 'Identification of novel natural inhibitor(s) of CCR9 using structure-based virtual screening and their wet lab validation' organised by Assam Down Town University, Guwahati, during November 10-11, 2018.

**Jajna Pratim Saikia** (UG 2<sup>nd</sup> semester, Department of Statistics) won 2<sup>nd</sup> position in the All Assam Debate Competition held in Pandu College and 3<sup>rd</sup> position in the All Assam Debate Competition held in Civil Service Achiever Point, Digholipukhuri on November 25, 2018.

### The following persons superannuated from Cotton University during July to December, 2018

#### Faculty members



**Dr. Abanti Barua Bharali**  
(English)



**Pradip Khataniar**  
(Philosophy)

#### Members of non-teaching staff

Uday Kumar Barman  
Uttam Sarma  
Ramsirith Singh  
Dehiram Rajbongshi  
Chandra Patowary  
Abhoy Ch. Sarma



## Students' Achievement

**Nandini Chakraborty** (PG 2<sup>nd</sup> Semester, Department of Environmental Biology and Wildlife Sciences) won the Best Debater and Best Team awards in the State-level debate competition organised by Oil India Limited on July 13, 2019.

**Shivalika Patranabish** (UG 2<sup>nd</sup> Semester, Department of Mass Communication, Journalism & Media Studies) won Silver Medal in Taekwondo (Under 68 kg weight category) at the Kimunyoung Open Taekwondo Championship, 2019 at Deshbhakta Tarun Ram Phookan Indoor Stadium, Guwahati during March 29-31, 2019; She won Gold Medal (U-73 weight category) in the 1st All Assam Taekwondo Championship organised by Cotton University Taekwondo Team in association with All Assam Taekwondo Association during May 18-19, 2019.

**Daisy Mali** (PG 4<sup>th</sup> Semester, Department of Sociology) won 1st position in 'Anamika Season 4' - a State-level mega singing competition on the songs of Zubeen Garg.

**Ashim Nath** (UG 6<sup>th</sup> Semester, Department of Economics) won the 'Best Classical Dancer' (Manipuri) award at the GMCH festival held on February 7, 2019.

**Arti Peethambaran & Trishani Talukdar** (UG 6<sup>th</sup> Semester, Department of Economics) won 1<sup>st</sup> prize in group dance competition at the GMCH festival held on February 7, 2019.

**Nidarshan Nandan Koushik** (UG 6<sup>th</sup> Semester, Department of Economics) and **Tridib Bhagawati** (UG 2<sup>nd</sup> Semester, Department of Political Science) won the Best Team award in the North-East Graduate Congress organised by University of Science and Technology, Meghalaya in the second week of February, 2019.

**Krishangi K. Lahkar** (UG 3<sup>rd</sup> Semester, Department of Economics) won Gold Medal at Goa Tenshinkan Nationals (Karate tournament) and Bronze Medal at Chennai Kai Nationals held in May, 2019.

**Pritamraj Mili** (UG 6<sup>th</sup> Semester, Department of Geology) won Bronze Medal (under 82 kg weight category) in the All India University Grappling Championship, 2019 held in Rohtak, Haryana, during April 1-4, 2019.

**Kushanav Bhuyan and Udipta Bora** (UG 6<sup>th</sup> Semester, Department of Geography) have been awarded the ITC excellence scholarship by the University of Twente, Netherland for the Master Degree programme in Geo-Information Science and Earth Observation for Natural Hazards and Disaster Risk Reduction (2019-21).

**Jajna Pratim Saikia** (UG 2<sup>nd</sup> Semester, Department of Statistics) won 'Best Speaker' award in the All Assam Speech Competition organised by SSVN, Narayanpur, Assam held on June 19, 2019.

**Manoj Baruah** (UG 2<sup>nd</sup> Semester, Department of Statistics) and **Sudarsan Sarmah** (UG 2<sup>nd</sup> Semester, Department of Assamese) won the 2<sup>nd</sup> 'Best Debate Team' award in All Assam Debating Competition organised by University Law College, Gauhati University, Assam on March 28, 2019; 'Best Debate Team' in All Assam Debating Competition organised by Namrup College, Assam on March 30, 2019; 'Best Debate Team' in All Assam Debating Competition organised by Shreebharati Institute of Professional Education on April 1, 2019.



## Cottonians win accolades in Unifest

The 34<sup>th</sup> National Inter-University Youth Festival was held in Chandigarh University, Punjab starting from February 1 to 5. Cotton University students showed formidable performance in the youth fest by winning a number of prizes including the very prestigious first prize for the cultural procession. The other prizes include third prize in folk dance competition and fourth in folk orchestra and western instrumental solo competition. More than 100 universities from across the country participated in the youth festival and the fest was supported by the Association of Indian Universities (AIU), Delhi. Cotton University was a 27-member contingent led by faculty members Muktikam Hazarika and Gitimala Pathak.

Earlier in the East Zone Inter-University Festival held in Lalit Narayan Mithila University, Bihar in the month of January, Cotton University was adjudged the **over-all champion** in literary category. Apart from that, Cotton University also bagged the **first prize** for performing Bihu under the folk dance category in the zonal fest.

## Research Projects

**Dr. Narayan Sharma**, Assistant Professor, Dept. of EBWS is serving as the Principal Investigator of a research project titled 'An Exploratory Assessment to Identify the Ecosystem Services and Alternative Livelihood Options and to Design Advocacy and Campaigning programme for the conservation of Deepor Beel-an Urban Ramsar Site, Guwahati, Assam'. It is funded by Wipro Foundation, Bengaluru, India and worth Rs. 7,35,000.

**Dr. Devajit Basumatari**, Assistant Professor, Dept. of Zoology is serving as the Co-coordinator of a research project to study the extent to which benthic diversity indicates water quality of wetlands of Guwahati having different pollution load. The project is worth Rs. 8 lakh and is sponsored by DBT, Govt. of India.

**Dr. Tarali Kalita**, Assistant Professor, Dept. of Zoology is serving as the Principal Investigator of a research project titled 'Outreach programme in rural schools' sponsored by the Assam Science Technology & Environment Council and is worth Rs. 1.45 lakhs.

**Dr. Akalesh K Verma**, Assistant Professor, Dept. of Zoology is serving as the Principal Investigator of a research project titled 'Study of traditionally-used dyes yielding plants for staining cells and cellular components and identification thereof: An eco-friendly and non-toxic alternative method'. The project is funded by the Assam Science Technology & Environment Council and is worth Rs. 1,40,000. He is also serving as the Co-Principal Investigator of a research project titled 'Structure-based pharmacophore modelling and biological evaluation of novel CCR9 inhibitor(s) for the treatment of prostate cancer'. It is funded by Cotton University and is worth Rs. 1,00,000.

**Dr. Rinu Prabha Deka**, Assistant Professor, Dept. of Chemistry is serving as the Co-Principal Investigator of a research project titled 'Outreach Programme by College in Rural Schools' funded by Assam Science Technology & Environment Council and is worth Rs. 1.68 lakhs.

## Activities of Cotton University Women's Forum (CUWF)

➔ A group of members visited the Hajongbori Village on August 15, 2018 and organised a 'Gram Sabha' at the Hajongbori LP school in association with the UBA Cell, Cotton University. There was a serious discussion on the difficulties and problems faced by the villagers and a healthy flow of suggestions for the mitigation of problems.

➔ On the December 31, 2018, a team of CUWF members visited the Noonmati Sishu Mangal Kendra, situated at Noonmati, Guwahati and distributed woolen garments, the inmates comprising 12 boys aged 7-16 years, 2 caretakers and a chowkidar. The young boys were also given proper advice and awareness on opportunities regarding higher education and achievable careers.



☞ CUWF celebrated its 16<sup>th</sup> Foundation Day on March 5, 2019 by organising the 8<sup>th</sup> Late Parul Phukan Memorial Lecture. The speaker Dr Santwana Bordoloi, a paediatrician by profession and also an accomplished radio/theatre actress and an award winning film maker, spoke on the topic 'The making of a woman of substance: The journey'. The program was well attended and the lecture was followed by fruitful interactions.



☞ International Women's Day was celebrated on March 8, 2019 with a program on 'Women in Research: Challenges and Prospects'. As conceived by the Honourable Vice Chancellor, the program was an endeavour to promote the culture of research and the inclination of taking up projects among the members of faculty of Cotton University. Eminent academician, Prof Manorama Sharma, retd. Professor of the Department of History, NEHU, Meghalaya, was the Chief Guest on the occasion. She deliberated on the role of women in education and research, the opportunities and the obstacles and also the steps that need to be taken. Dr. Mausumi Ganguly and Dr. Rakhee Kalita Moral spoke on the prospects of doing research in the Sciences and Humanities respectively. Eight lady faculty members and women scientists having ongoing projects also gave brief presentations of their works.



A view of cultural programme organised by Cotton University NABEEN at Guwahati Book Fair, December, 2018

## Activities under UBA

☞ Cotton University has been selected as one of the beneficiaries of the Unnat Bharat Abhiyan (UBA), which is an initiative of Ministry of Human Resource Development, Government of India with an aim to bring transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an inclusive India. Under this programme, five villages namely Keotpara, Nij Panbari, Hajongbori, Kalitapara and Satargaon have been adopted by the University since 2018, the last two villages being adopted in June, 2019.

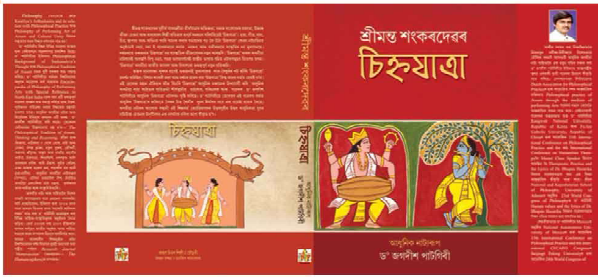
☞ As per requirements, **village and household-level surveys** of four villages – Keotpara, Nij Panbari Hajongbori and Satargaon have been completed and the data have been uploaded in the reporting portal of the UBA. **Swacchata Awareness Campaign** was carried out simultaneously in the villages by the field investigators (students of Cotton University).

☞ **Gram Sabhas** were organised in Hajongbori, Keotpara and Nijpanbari during 2018 and in the two new villages Kalitapara and Satargaon on 11 June 2019 and 18 June 2019 respectively. The main purpose of these programmes was to make the villagers aware of the Unnat Bharat Mission of the Govt of India, the involvement of Cotton University. A day long outreach workshop on the DBT Foldscope was also organised at Panbari High School, Nijpanbari Village in November, 2018.

☞ A two-day programme on **Oyster Mushroom Cultivation awareness** and training was held during April 6-7, 2019 in the Keotpara Lower Primary School premises in the village Keotpara. The programme is the first of the many upcoming community workshops with an ultimate goal of providing alternate livelihood options to the people living near Deepor Beel. The training was conducted by a team of experts from Department of Biotechnology, Bodoland University, Kokrajhar. Over 30 participants, irrespective of age and gender, received knowledge on edible mushrooms, its food value and increasing demand with hands on training on cultivation process, storage and marketing of mushroom.

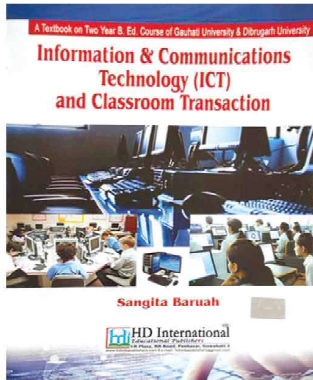


## Book Publications

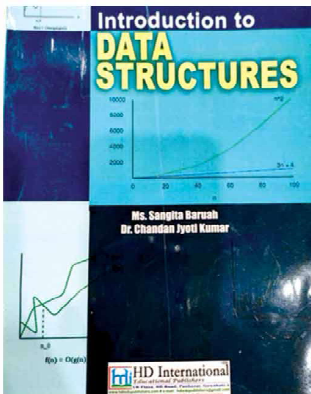


### Chihnajatra

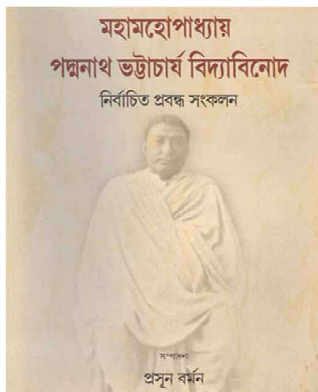
Author: Dr. Jagadish Patgiri (ISBN: 97-893-83611-99-7)  
Rekha Prakashan, Pan Bazaar Guwahati-1



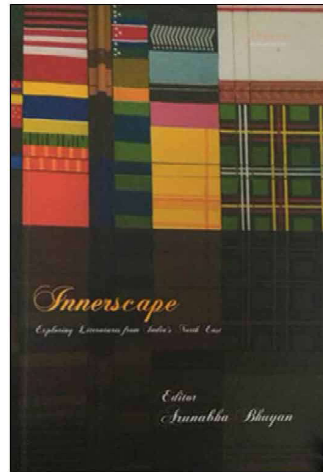
Information & Communications Technology (ICT)  
Author : Sangita Baruah (ISBN: 978-81-937911-9-6)  
HD International Publisher, Pan Bazaar Guwahati-1



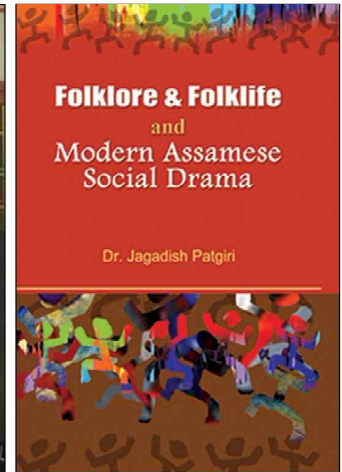
Sangita Baruah and Dr.Chandan Jyoti Kumar  
HD International Publisher (ISBN: 978-93-88493-03-1)



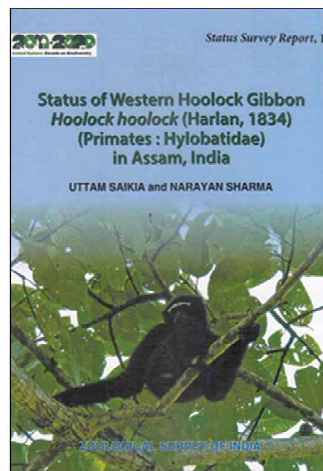
Mahamahopadhyay Padmanath Bhattacharya Vidyavinode  
Editor: Prasun Barman.  
Barak Upatyaka Banga Sahitya O Sanskriti Sammelan, Silchar



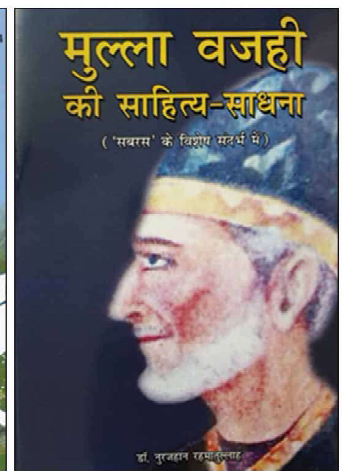
Dr. Arunabha Bhuyan  
Editor  
ISBN: 978-81-938964-2-6  
Papyrus', Guwahati



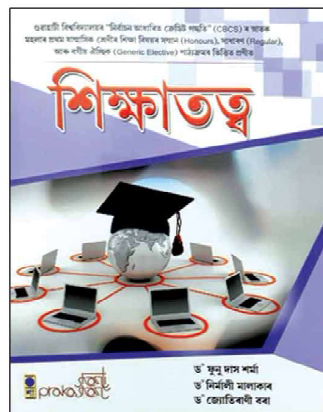
Dr. Jagadish Patgiri  
Author  
ISBN: 978-93-80247-29-8  
Assam Book Hive, Guwahati



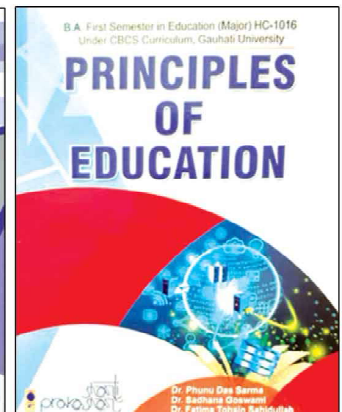
Dr. Narayan Sharma  
Author  
ISBN: 978-81-8171-520-3  
Director, Zoo. Surv., Kolkata



Dr. N. Rahmatullah  
Author  
ISBN: 978-81-8390-300-4  
Abhisekh Prokashan, New Delhi



Dr. Phunu Das  
Author  
ISBN: 81-92-01010-4  
Shanti Publication, Guwahati



Dr. Phunu Das  
Author  
ISBN: 978-93-84466-44-2  
Shanti Publication, Guwahati

Title of paper	Name of the author/s	Department of the teacher	Name of journal
A supramolecular dimer of two crystallographically independent Co(II) phthalate bipyridine complexes in one single crystal: synthesis, crystal structure, and thermal studies	A. Gogoi, U. Saha, D. Dutta, <b>M. K. Bhattacharyya</b>	Chemistry	Journal of Structural Chemistry
Eco-criticism and Short Stories of Mahim Bora: A study	Ambeswar Gogoi	Assamese	Aitihya The Heritage
Energetically significant unconventional $\pi$ - $\pi$ contacts involving fumarate in a novel coordination polymer of Zn(II): In-vitro anticancer evaluation and theoretical studies	Anshuman Gogoi, Amal Das, Antonio Frontera, <b>Akalesh K.Verma, Manjit K.Bhattacharyya</b>	Chemistry	Inorganica Chimica Acta
Energetically favorable anti-electrostatic hydrogen bonded cationic clusters in Ni(II) 3,5-dimethylpyrazole complexes: Anticancer evaluation and theoretical studies	Anshuman Gogoi, Debajit Dutta, <b>Akalesh K.Verma</b> , Hiren Nath, Antonio Frontera, <b>Ankur K. Guha, Manjit K. Bhattacharyya</b>	Chemistry/Zoology	Polyhedron
Supramolecular association in Cu(II) and Co(II) coordination complexes of 3,5-dimethylpyrazole: Experimental and theoretical studies	Anshuman Gogoi, Swah Mohd. Nashre-ul-Islam, Antonio Frontera, Manjit K. Bhattacharyya	Chemistry	Inorganica Chimica Acta
Landform evolution in the Siwaliks of the Gabharu drainage basin, northeast India: A hypsometric approach	Bandeepa Medhi, <b>Madhurjyotit Chakravartty</b>	Geology	Bulletin of Pure and Applied Sciences - Section F Geological Sciences
Groundwater Quality Assessment for Drinking Purpose based on Water Quality Index in Gabharu River Basin, North-East India	Bandeepa Medhi, <b>Madhurjyotit Chakravartty</b> , Bidyut Bikash Sharma	Geology	Earth Science India
Synnesis: does its preservation imply magma mixing?	<b>Bibhuti Gogoi</b> , Ashima Saikia	Geology	Mineralogia
Role of viscous folding in magma mixing	<b>Bibhuti Gogoi</b> , Ashima Saikia	Geology	Chemical Geology
Substrate Oxidation Prompted by Solvent Dissociation: The Role of Peroxo-Vanadate and Ag- $\pi$ Interaction	Biraj Das, Mukesh Sharma, Chayanika Kashyap, <b>Ankur Kanti Guha</b> , Anil Hazarika, Kusum K Bania	Chemistry	Applied Catalysis A: General
Stress And Bio Signals: A Review of State of Art Techniques	Chandan Jyoti Kumar	Computer Science and IT	International Journal of Computer Sciences and Engineering
Biosynthesis Of Silver Nanoparticles By Using Edible Bamboo Shoots With High Antioxidant Properties	Chandrawali Kalita, <b>Mausumi Ganguly</b> , Arundhuti Devi	Chemistry	Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences
Re-visiting the Antioxidant Activity of Se- and Te-Carbohydrates: A Theoretical Study	Chayanika Kashyap, Lakhya Jyoti Mazumder, Shahnaz S. Rohman, Sabnam S. Ullah, <b>Ankur Kanti Guha</b>	Chemistry	ChemistrySelect
A novel oxalato bridged supramolecular ternary complex of Cu(II) involving energetically significant $\pi$ -hole interaction: Experimental and theoretical studies	Debajit Dutta, Hiren Nath, Antonio Frontera, Manjit K. Bhattacharyya	Chemistry	Inorganica Chimica Acta
Supramolecular Association Involving Anion- $\pi$ Interactions in Cu (II) Coordination Solids: Experimental and Theoretical Studies	Debajit Dutta, Sanjib Chetry, <b>Anshuman Gogoi</b> , Bula Choudhury, <b>Ankur K.Guha, Manjit K.Bhattacharyya</b>	Chemistry	Polyhedron
Cu(II) and Co(II) coordination solids involving unconventional parallel nitrile( $\pi$ )-nitrile( $\pi$ ) and energetically significant cooperative hydrogen bonding interactions: Experimental and theoretical studies	Debajit Dutta, Swah Mohd. Nashre-ul-Islam, Utpal Saha, Antonio Frontera, <b>Manjit K.Bhattacharyya</b>	Chemistry	Journal of Molecular Structure
Structural Topology of Weak Non-covalent Interactions in a Layered Supramolecular Coordination Solid of Zinc Involving 3-Aminopyridine and Benzoate: Experimental and Theoretical Studies	Debajit Dutta, S. Mohd. Nashre-ul-Islam, Utpal Saha, Sanjib Chetry, <b>Ankur K. Guha, Manjit K. Bhatta.</b>	Chemistry	Journal of Chemical Crystallography

## Paper Publications

Title of paper	Name of the author/s	Department of the teacher	Name of journal
First open access ensemble climate envelope predictions of Assamese macaque <i>Macaca assamensis</i> in Asia: a new role model and assessment of endangered species	Ganga Ram Regmi, Falk Huettmann, Madan Krishna Suwal, Vincent Nijman, K. A. I. Nekaris, Kamal Kandel, <b>Narayan Sharma</b> , Camille Coudrat	EBWS	Endangered Species Research
New types of organic semiconductors based on diketopyrrolopyrroles and 2,1,3-benzochalcogenadiazoles: a computational study	Gautomi Gogoi, Smruti R. Sahoo, <b>Basanta Kumar Rajbongshi</b> , Sridhar Sahu, Neelotpal Sen Sarma, Sagar Sharma	Chemistry	Journal of Molecular Modelling
A Review of Selected Proposals for Improving Identity Privacy in UMTS	Hiten Choudhury	Computer Science and IT	International Journal of Network Security & Its Applications
Roaming Agreements vis-a-vis Identity Privacy	Hiten Choudhury	Computer Science and IT	International Journal of Computer Sciences and Engineering O
M.K. Gandhi's Approach to Hindu-Muslim Unity	Jagadish Patgiri	Philosophy	Manvayatan
Molecular interactions of Chlorpyrifos and its environmental degradation products with human sex hormone binding globulin: an in silico study	Jnyandeep Hazarika, <b>Mausumi Ganguly</b> , <b>Rita Mahanta</b>	Chemistry/Zoology	Journal of Applied Toxicology
Effects of a Multilayer Snow Scheme on the Global Teleconnections of the Indian Summer Monsoon	K. Sujith, Subodh Kumar Saha, Archana Rai, Samir Pokhrel, Hemantkumar S. Chaudhari, Anupam Hazra, Raghu Murtugudde, <b>B. N. Goswami</b>	Physics	Quarterly Journal of Royal Meteorological Society
Antimalarial activity of a novel series of artemisinin-derived 1, 2, 3-triazole dimers	Kabita Gogoi, Gokul Baishya, Biswajit Saikia, Nabin Chandra Barua, Chandrajit Dohutia, Akalesh Kumar Verma, Anil Prakash	Zoology	Asian Pacific Journal of Tropical Medicine
অলংকাৰ, ইয়াৰ ইতিহাস আৰু অসমীয়া অলংকাৰ	Kakoli Gogoi	Assamese	সম্প্রীতি
Center of intersection graph of submodules of a module	Kukil Kalpa Rajkhowa, Helen K. Saikia	Mathematics	AKCE International Journal of Graphs and Combinatorics
Soil Erosion Susceptibility Assessment for Prioritization of Hilly Areas of a Watershed in the Arunachal Himalayas in Northeast India Based on Weighted Sum Analysis Method on Morphometric Parameters.	Madhurjyoti Chakravarty	Geology	Bulletin of Pure and Applied Sciences - Section F Geological Sciences
লোক-কবিতা	Maheswar Kalita	Assamese	Dogo Rangsang Research Journal
Loka Kabitat Samaj Jiwanar Citra: Eti Alocana, (Asamiya Aru Boro Loka Kabitar Bisesh Ullikhan Saha)	Maheswar Kalita	Assamese	Dogo Rangsang Research Journal
Adhunik Asamiya Kabitar Patabhumi Nirmanat Jyotigostir Abadan	Maheswar Kalita	Assamese	Manavayatan
Ancient Pragjyotisha-Kamarupa and Adi Shankaracharya	Manjil Hazarika, Sanathana YS	Archaeology	History Today
Pottery making tradition among the Hira Potters of Morno, Goalpara in Assam	Manjil Hazarika, Shreya Sarmah	Archaeology	Journal of Multidisciplinary Studies in Archaeology
Solvent-driven structural topology involving energetically significant intra- and intermolecular chelate ring contacts and anticancer activities of Cu(II) phenanthroline complexes involving benzoates: experimental and theoretical studies	<b>Manjit K. Bhattacharyya</b> , Utpal Saha, Debajit Dutta, Amal Das, <b>Akalesh K. Verma</b> , Antonio Frontera	Chemistry/Zoology	RSC Advances
Changing pattern of occupational structure among the karbis of Karbi Anglong district in Assam	Mitali Thakuria, <b>Parijat Borgohain</b>	Geography	The Clarion
Investigation on the rate of horizontal spread of anthracene in a sandy clay soil	Mizanur Rahman, Jyoti Prakash Sarania, <b>Prahash Chandra Sarma</b>	Chemistry	Journal of Indian Chemical Society

Title of paper	Name of the author/s	Department of the teacher	Name of journal
Assessments of pyrolysis kinetics and mechanisms of biomass residues using thermogravimetry	Mumee Gogoi, Kaberijyoti Konwar, Nilutpal Bhuyan, Ramesh Chandra Borah, <b>Alok Chandra Kalita</b> , Hari Prasad Nath, Nabajyoti Saikia	Chemistry	Bioresource Technology Reports
Protective effect of and extracts against Smokeless Aloe vera Bryophyllum pinnatum tobacco induced nephrotoxicity in albino mice	Nabanita Medhi, Uma Dutta	Zoology	Asian Journal of Pharmacy and Pharmacology
Isotopic investigation of the moisture transport processes over the Bay of Bengal	Nitesh Sinha, S. Chakraborty, Rajib Chattopadhyay, <b>B. N. Goswami</b> , P. M. Mohan, Dipak K. Parua, Dipankar Sarma, Amey Datye, S. Sengupta, Subir Bera, K. K. Baruah	Physics	Journal of Hydrology X
Prophetic Traditions Of Muhammad (PBUH): Their Influences On Arabic Language And Literature	Noor Uddin Ahmed	Arabic, Persian & Urdu	International Journal Of Research And Analytical Reviews
অসমীয়া সমাজ-সংস্কৃতিতে শংকৰদেৱৰ অৱদান	Nur Islam Saikia	Assamese	Manavayatan
Purbatrar Bharat ke Janjati jeevan aur sahitya me Raam ka mahotyia( Karbi Dimasa Janagasti par)	Nurjahan Rahmatullah	Hindi	Shodh Sarita
One-pot sequential multi-component reaction: Synthesis of 3-substituted indoles	Paran J. Borpatra, Bhaskar Deka, <b>Basanta K. Rajbongshi</b> , Mohit L. Deb, Pranjal K. Baruah	Chemistry	Synthetic Communications
Association between Area-level Socio-Economic Status and Hypertension in EAG States of India: An insight from NFHS-IV 2015-2016	Prafulla Kumar Swain, Bailochan Behera, <b>Dulumoni Das</b>	Statistics	International Journal of Agricultural and Statistical Sciences
An Analysis of Decorated Pottery from Ambari, Brahmaputra Valley: Technique, Function and Distribution Pattern (circa seventh to fifteenth centuries CE)	Preetee Sharma	History	KALAKALPA
A Micro Study of Pottery Traditions From the Early Medieval Brahmaputra Valley (7TH to 13TH Centuries)	Preetee Sharma	History	Heritage
Transient natural convection magnetohydrodynamic motion over an exponentially accelerated vertical porous plate with heat source	Ram Prakash Sharma, Ashish Paul	Mathematics	Indian Journal of Pure and Applied Physis
Delineation of channel Migration zone of Rivers of Sadiya region, Assam, India using GIS Technology	Ratul Das, <b>Barnali Gogoi</b>	Geography	International Journal of Research and Analytical Reviews
Finding pattern in Crime against Women using a Fuzzy Clustering Technique	Samarjit Das, Anupam Das, Atowar ul Islam	Computer Science and IT	INTERNATIONAL JOURNAL OF COMPUTER SCIENCES AND ENGINEERING
A.R. Anderson and N.D. Belnap's system of relevant Logic	Samikshya Gohain	Philosophy	Manvayatan
Exploring the microbiota and metabolites of traditional rice beer varieties of Assam and their functionalities	Santanu Das, Dibyan Deb, Atanu Adak & Mojibur R. Khan	MBBT	3 Biotech
Effect of Channel Width Contraction at Bogibeel Bridge Site on the Morphology of the River Brahmaputra	<b>Santanu Sarma</b> , Bhagya Pratim Talukdar	Geology	Bulletin of Pure and Applied Sciences - Section F Geological Sciences
Viability of half sandwich complexes of borole with group 14 (II) ions: Structure, stability and reactivity	Shahnaz S. Rohman, Chayanika Kashyap, Sabnam S. Ullah, <b>Ankur K. Guha</b>	Chemistry	Polyhedron
Ultra-Weak Metal–Metal Bonding: Is There a Beryllium–Beryllium Triple Bond?	Shahnaz S. Rohman, Chayanika Kashyap, Sabnam S. Ullah, <b>Ankur K. Guha</b> , Lakhya J. Mazumder, <b>Pankaz. K. Sharma</b>	Chemistry	ChemPhysChem
Designing metal-free frustrated Lewis pairs for dihydrogen activation based on a carbene–borane system	Shahnaz S. Rohman, Chayanika Kashyap, Sabnam S. Ullah, <b>Ankur Kanti Guha</b>	Chemistry	Polyhedron

## Paper Publications

Title of paper	Name of the author/s	Department of the teacher	Name of journal
Revisiting ultra-weak metal-metal bonding	Shahnaz S. Rohman, Chayanika Kashyap, Sabnam S. Ullah, Lakhya J. Mazumder, Prem Prakash Sahu, Amlanjyoti Kalita, Sohel Reza, Pankaj P. Hazarika, Bichitra Borah, <b>Ankur Kanti Guha</b>	Chemistry	Chemical Physics Letters
Association of DFNA5, SYK and NELL1 variants along with HPV infection in oral cancer among prolonged tobacco chewer	Sharbadeb Kundu, Vijayalakshmi Ramshankar, <b>Akalesh Kumar Verma</b> , Soundara Viveka Thangaraj, Arvind Krishnamurthy, Rajeev Kumar, Ravi Kannan, Sankar Kumar Ghosh	Zoology	Tumor Biology
Unraveling the Mystery of Indian Summer Monsoon Prediction: Improved Estimate of Predictability Limit	Subodh Kumar Saha, Anupam Hazra, Samir Pokhrel, Hemantkumar S. Chaudhari, K. Sujith, Archana Rai, Hasibur Rahaman, <b>B. N. Goswami</b>	Physics	Journal of Geophysical Research: Atmospheres
Advances in Higher Order Multiplexing Techniques in Proteomics	Suruchi Aggarwal, Narayan C. Talukdar, and Amit K. Yadav*	MBBT	J. Proteome Res
An unusual werner type clathrate of Mn(II) benzoate involving energetically significant weak C-H...C contacts: A combined experimental and theoretical study	Swah Mohd. Nashre-ul-Islam, Debajit Dutta, Ankur K. Guha, Manjit K. Bhattacharyya	Chemistry	Journal of Molecular Structure
Supramolecular association involving nitrile-nitrile interactions in polymeric Mn(II) coordination complexes: A combined experimental and theoretical study	Swah Mohd. Nashre-ul-Islam, Debajit Dutta, Antonio Frontera, <b>Manjit K. Bhattacharyya</b>	Chemistry	Inorganica Chimica Acta
Analysis of genetic diversity among the various populations of <i>Antheraea Assamensis</i> helper using issr markers	Tarali Kalita	Zoology	Journal of Advanced Zoology
Bacterial diversity and metabolite profiles of curd prepared by natural fermentation of raw milk and back sloping of boiled milk	Tulsi K. Joishy, Madhusmita Dehingia & Mojibur R. Khan	MBBT	World Journal of Microbiology and Biotechnology
Indoor Air Pollution and Concerned Health Costs in Indian Context	Unmilan Kalita, Arup Kumar Hazarika	Zoology	International Journal of Recent Technology and Engineering
Werner type clathrates involving guest benzoic acid and benzoate in discrete Mn(II) hosts: Experimental and theoretical studies	Utpal Saha, Debajit Dutta, Antonio Bauzá, Antonio Frontera, Bipul Sarma, Manjit K. Bhattacharyya	Chemistry	Polyhedron
Supramolecular association in Cu(II) coordination complexes involving energetically significant NO-NO $\pi$ -hole interaction and cooperative $\pi$ -stacked ternary assembly: Experimental and theoretical studies	Utpal Saha, Debajit Dutta, Hiren Nath, Antonio Franconetti, Antonio Frontera, <b>Manjit K. Bhattacharyya</b>	Chemistry	Inorganica Chimica Acta

**Internal Audit Report &  
Statements of Account  
2018-2019**