

Gazette

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The Chancellor confers the honorary D.Litt. upon Professor Nagen Saikia.





Convocation Procession in progress



A Note from the Vice Chancellor

The introduction of the semester system marked a paradigm shift in our teaching learning process. The three key features of the semester system are—completion of the academic programmes in six months, multiple choices of subjects to be offered to the students—where the extent and depth of the teaching components in the syllabus is absolutely well defined in terms of hours of teaching per week, called the Credit and the assessment of the students which is done continuously, throughout the semester. This is in contrast to the earlier Annual system which was for a duration of twelve months, the choice of subjects offered to a student was limited and the assessment of the student was done on the basis of a three to four hour long examination at the end of the year.

Not unnaturally, the shift brought in its wake questions, doubts, confusion and a sense of apprehension of system dysfunction. The semester system requires completion of the course in half the time now as the semester has exactly half of the teaching period of what was there in the earlier annual system. Continuous Comprehensive Assessment of the students is just impossible and therefore the entire system is impractical in our situation. All these have emanated largely from the fact that our teacher student ratio is abysmally low.

There is not an iota of dispute in the argument that we have far too less number of teachers *vis-a-vis* the large number of students. The situation is much more acute in the colleges. Now what were the rationales for bringing in the Semester system? Earlier in the Annual

system there was no clear definition of the treatment of each component of the syllabus, *i.e.*, the extent and depth of treatment of the components. The assessment of a student was decided by an annual examination of a few hours at the end of the year. And a student's scholastic abilities were determined by her or his performance in a few subjects she or he studied. A large proportion of the innate intellectual potential of a student in many other subjects and skills remained totally unexplored in the annual system. The assessment of the academic strength of a student was just not scientific.

All the confusion, doubt and the sense of apprehension about the feasibility of the semester system is simply because we all are conducting the teaching, learning and assessment processes in the semester system in the same old ways as we did in the annual system. Our pedagogy and assessment of the course delivery require radical changes. We need to use technology in teaching, learning and assessment like never before. We have to learn how to handle the new system. We have to equip ourselves for conforming to the new system. We cannot expect the system to function effectively until and unless we stop using it in the same old ways of pedagogy and assessment. The shift to the semester system is not a mere 'System shift'—it's indeed a 'Culture shift'...

Mah h. Sungahain)

CAMPUS & COMMUNITY

Association of Indian Universities East Zone Vice Chancellors Conclave



Dignitaries on the stage in the inauguration of the East Zone Vice Chancellors Conclave.

The two day Conclave of the Vice

Chancellors of the Eastern Zone of the Association of Indian Universities (AIU) covering all the North Eastern States, West Bengal, Bihar, Jharkhand and part of Uttar Pradesh was held on 4 and 5 December, 2015 at Dibrugarh University. Thirty six Vice Chancellors and their nominees participated in the deliberations during the two day event. In the four different Scientific Sessions, Keynote Addresses were delivered by Professor Prabuddha Ganguli, MHRD IPR Chair Professor of Tezpur University and the CEO Vision IPR, Mumbai, Professor Dhrubajyoti Saikia, Vice Chancellor, Cotton College State University, Dr. Bhupati Kumar Das, Management Consultant and former MD, Numaligarh Refinery Limited and Bharat Oman Petrochemicals Limited, Bhopal, and Professor G. N. Pandey, Vice Chancellor, Arunachal University of Studies.

In the discussion initiated by Professor Ganguli, the key issues relating to integrating the components of IPR with Innovation and Skill Development were focused with a major recommendation to exploit the digital media network and sharing of IPR teaching and human resource development in the Universities of the region. Professor Dhrubajyoti Saikia in his Keynote Address on 'Fostering Social Entrepreneurship and Grassroots Innovation by Higher Education Institutions' presented Case Studies of successful innovation in the grassroots through social entrepreneurship citing examples of Md. Yunnis in micro financing, Bunkar Roy in education institution building, etc.

In a highly thought provoking address on 'Industry-Academia Collaboration for Skilling India through Higher Education', Dr. Bhupati Kumar Das discussed the

different issues pertaining to this vital topic. One of the resolutions during the two day conclave of the VCs was to propose to the AIU for facilitating Industry-Academia interfacing through formation of appropriate forum with representatives from industries, Ministry of the Government of India and the Universities. Professor G. N. Pandey, Vice Chancellor, Arunachal University of Studies focused on skill development in the sectors of agriculture, manufacturing and service taking into account the specific context of each state of the region.

Professor Alak Kumar Buragohain, Vice Chancellor of the host University, made a strong point for special attention of the Government of India for establishment of Centres for Studies in International Relations and Strategic Defence Studies and Centre for Studies in Natural Resource Management in the Universities of the North East considering the strategic location of the region in close proximity to the international borders with the South East Asia and the rich natural endowments of the region.

Professor Furqan Qamar, Secretary General of the AIU stated that there are serious infrastructural impediments and procedural constraints affecting the process of harnessing the talents of the faculties and students in our higher educational institutions especially the Universities. He also called for deepening the engagement of the Universities for promoting innovations, skill developments and entrepreneurship amongst the students and the members of faculty of the Universities. He was also highly appreciative of the developments at Dibrugarh University.+++

The Fifteenth Convocation

and twenty three eligible students of Dibrugarh University were conferred their degrees and diplomas in the Fifteenth Convocation of Dibrugarh University which was held on January 2, 2016. The degrees were conferred by Sri Padmanabha Balakrishna Acharya, the Hon'ble Chancellor of the University and the Governor of Assam in a solemn and dignified Convocation Ceremony which was also attended by Justice Dr. Mukundakam Sharma, the Hon'ble

Chancellor, Sri Lal Bahadur Shastri

Rashtriya Sanskrit Vidyapeetha, New

Delhi and the former Judge of the

Supreme Court of India as the Chief

Guest. Sri Tarun Gogoi, Hon'ble

Chief Minister of Assam was the

Guest of Honour in the Convocation.

Twelve thousand eight hundred

Professor Nagen Saikia renowned litterateur and scholar of eminence and Professor Achyuta Samanta, an acclaimed educationist who has been relentlessly working for the promotion of education among the poor and the downtrodden who was also the founder and former Chancellor of the Kalinga Institute of Industrial Technology and Kalinga Institute of Social Sciences, Bhubaneswar, Odisha were conferred the Degree of D.Litt. honoris causa. Seventy eight students were conferred the Ph.D. degree and fifty eight students the M.Phil. degree in the Convocation.

In his Welcome Address, the Vice Chancellor of the University Professor Alak Kumar Buragohain while extending a warm welcome to all the dignitaries and the invitees, faculty members, officials and the students made a brief account of the progress of the University over the last fifty years ever since it was established in 1965. He recalled the mandate of the University and urged upon all concerned for sincere introspection as to the success and shortcomings of the University in upholding the vision with which the University was established five decades ago.

In his Inaugural Address, His Excellency, the Governor of Assam and the Chancellor of the University, Sri Padmanabha Balakrishna Acharya congratulated the students and made a fervent appeal to transform the Universities from Centres of Learning to Centres of Development. He emphasized upon empowering our

Dignitaries on the stage in the Fifteenth Convocation of Dibrugarh University.



students through proper skill development. Sri Acharya appreciated the move made by the University in inducting the traditional ethnic attires doing away with the conventional robes of the colonial past. He also drew attention to the urgency of instilling sense of self-esteem and national pride among the students.

In his Convocation Address, Justice Mr. Sharma recalled the great Indian heritage of knowledge and civilization dating back to antiquity. He called upon the University for focusing on inter-disciplinary research in the areas of Social Sciences. Justice Sharma also drew attention to the emerging areas of different subjects which were not there till a few years back.

The Chief Minister of Assam Sri Tarun Gogoi congratulated the graduates and reiterated his conviction about the enormous talent and potentials inherent in our students. He stated the need for complete overhauling of our education system and the necessity for preparing a Vision Plan with respect to the higher education taking into account the contemporary realities. Otherwise, he cautioned that education might very well turn out to be a liability for the nation than an asset. He appreciated the empowerment of women in Assam as reflected in the higher number of young women graduates.+++



Chief Guest Dr. Mukundakam Sharma addresses the gathering.

The Chancellor conferring the degree on a Scholar.



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The 67th Republic Day

The 67th Republic Day (January 26, 2016) was observed with great fervour by the Dibrugarh University community. The programme began with the hoisting of the national tricolour by Professor Alak Kumar Buragohain, the Vice Chancellor at the University Play Ground. He took the salute from the students who presented a beautiful march past along with the band played by the pupils of the University Model School and the students of the Centre for Studies in Physical Education. Addressing the gathering of the faculty members, staff, students and a large number of school children and teachers from the neighbouring villages and others from around the

University, the Vice Chancellor paid rich tribute to the makers of free and modern India. While recalling the contribution of the great leaders of our nation, Professor Buragohain made a fervent appeal to the teachers to lead our youth in the University in a highly professional manner in tune with the changing requirements of the time. He mentioned that our students are endowed with great talents and potential. He called upon them for strengthening the institutional mechanisms for enabling our youth in realising their inherent talent and to involve them in the nation building process. Professor Buragohain also briefly narrated some of the remarkable recent academic

developments of the University.

A few employees of the University were presented with the certificates of appreciation along with cash awards for their outstanding performance during the year 2015. The winning platoons in the march past competition were also awarded the certificates by Professor Mrinalendra Narayan Dutta, the Registrar of the University. There was a friendly walkathon competition for the teachers and the staff on the occasion of the Republic Day celebration. The on-the-spot drawing and painting competition amongst the school children were largely attended.+++

A few snapshots of the 67th Republic Day at the University.







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National Science Day—2016 Scientific Issues for Development of the Nation

The 18th National Science Day celebration was organized by the Dibrugarh University Research Scholars' Association (DURSA) on 9th March, 2016 at *Rangghar*, the University Auditorium. The theme for 2016 was 'Scientific Issues for Development of the Nation'. Professor Barindra Kumar Sarmah, former Professor, Department of Physics, Gauhati University and erstwhile President of Assam Science Society delivered an eloquent lecture on the 'Characteristics and Values of Science' which pertain to the progress of entire humankind when a scientific approach is applied to solution of issues at hand.

The program was inaugurated by Professor Alak Kumar Buragohain, Vice Chancellor, Dibrugarh University. In his Inaugural Speech, he stated that scientific discoveries transcend the human boundaries of race, creed, colour and nation, and that the essence of science is constituted of sharp observation, critical thinking and rigorous analysis rather than just of state-of-the-art instrumentation.

Professor Barindra Kumar Sarmah, in his lecture, spoke of the inherent nature of truth in science, which is nevertheless always open to challenge and can therefore be invoked for proof by reproducibility of an experiment. Science, hence is truly democratic. He also quoted Robert A. Millikan, who in his acceptance speech for the Nobel Prize, stated that *'Science walks forward on two feet, namely theory and experiment'*. Professor Sarmah spoke of the interdisciplinary nature of science and how different branches of science are dependent on each other to arrive at a lucid understanding of a scientific phenomenon, or



Professor Barindra Kumar Sarmah delivering the lecture on 'Characteristics and Values of Science'.

for creation of any technology based on the same. He maintained that imagination is often more crucial than knowledge in the pursuit of the science. Heterodoxy and doubt too are indispensable for scientific progress and are to be preserved at all costs in the face of rising intolerance in the world today.

The warmly applauded invited lecture was followed by the felicitation of Awardees and Achievers of Dibrugarh University for the year 2015-16 and prize distribution to the inter-school quiz competition winners which was held just prior to the program.+++

A Distinguished Visitor from Reutlingen University, Germany

Professor Ashok N. Ullal, Emeritus Professor and formerly Dean, School of International Business, Reutlingen University, Germany, visited Dibrugarh University on 29 and 30 January, 2016. Professor Ullal who has been teaching and doing research in Germany for the last fifty years was instrumental in designing and developing the Business Simulation Model iBizSim for

the School of International Business (now merged into the ESB Business School) and its undergraduate and MBA programme of the Reutlingen University, Germany.

Professor Ullal gave a presentation on *International Business Simulation* to the students and faculty members of Commerce and Management Science where he highlighted the importance of using simulation in

management teaching.

Professor Ullal also had a discussion with Professor Alak Kumar Buragohain, Vice Chancellor, on the possibilities of academic collaborations and student exchange between Dibrugarh University and Reutlingen University, Germany.+++

Professor Ashok N. Ullal during his presentation on 'International Bussiness Simulation' to the Students and the Members of Faculty.



International Women's Day





Professor Alpana Borgohain delivering her speech.
Professor Daisy Bora Talukdar, Professor Aparna Mahanta and Professor Karabi Deka Hazarika during release of the Newsletter.

The International Women's Day was observed at Dibrugarh University on 8th March, 2016, celebrating the achievements of the women worldwide with a strong appeal for gender equality.

The Centre for Women's Studies organized a special event on the occasion where a presentation on 'Significance of International Women's Day' emphasized on the history of the emergence of a day as Women's Day. The presentation highlighted the theme of International Women's Day 2016 -- Gender Parity, since the march towards attaining gender parity by 2095 (a prediction

by the World Economic Forum to attain gender parity) had slowed down. The programme was followed by the release of the *Newsletter* of the Centre, 2015-16 by Professor Aparna Mahanta, former Professor, Department of English and Professor Karabi Deka Hazarika, Dean, School of Humanities and Social Sciences.

Another highlight of the celebration was the screening of a movie entitled *Nisiddha Nodi* directed by Ranjit Sharma, which was followed by a discussion. Some of the questions and thoughts evoked during the post-screening discussion related to the concept of women

and work, the paradox of women in the marginalized and elite classes, the concept of rape, its inhibiting aftermath and repercussion.

The Department of Sociology also celebrated International Women's Day in the Department. The event was anchored by Mr. Partha Pratim Bora who presented the Welcome Address. Professor Alpana Borgohain and Professor Daisy Bora Talukdar deliberated thought provoking speeches on women's plight in the contemporary Indian society. Ms Mayashree Chetia recited a poem entitled 'Nari' written by Vaishali Chutia. The most significant event

of the day was the staging of a play called *Rang Kukurar Rong* written and directed by Dr. Jyoti Prasad Saikia, Associate Professor, Department of Sociology. The play performed by the students of the Department resonated with the current realities of women folk in Indian society and was highly

appreciated. The programme ended with a vote of thanks was proposed by Dr. Anannya Gogoi.

The Dibrugarh University *Mahila Chora* also organized a meeting at the *Ranghar* Auditorium where the Guest Speaker Dr. Rajib Ranjan Gogoi, S.D.M.O (Gynaecology) delivered

an enlightening speech on Women's Health covering the period from adolescence to old age. The meeting was attended by the ladies of the Dibrugarh University campus and from the nearby villages.+++

Interactive Session with Birubala Rabha

The Centre for Studies in Geography

organized an Interactive Session with Birubala Rabha, the crusader against witch-hunting in India on 12th October 2015. The members of the faculty and the students from various Departments were present on the occasion to support the cause. The inspiring thought of Birubala Rabha ignited the members of Dibrugarh University to join hand with the 'Mission Birubala' to fight back against this social evil. In this connection the Centre is carrying out a research project on the stated issue.++



Ms. Birubala Rabha interacting with the students and the members of faculty.

A Book on Myanmar Released

A book entitled Basic History of Multiracial Burma 1980 (Indianization and Burmanization) authored by Sai San Aik, a scholar from Myanmar was released in a brief function organized by the Department of History at the Anniruddha Bhawan on 11.03.2015. The function was presided by Professor Dambarudhar Nath, Aniruddha Dev Chair Professor of the University. A delegation of scholars from Myanmar also attended the book release event. Dr. Hemanta Kumar Gogoi gave a brief introduction to the background of the book authored by Dr. Sai San

Aik on behalf of the publisher of the second international edition of book, Star Publication. Introducing the author Dr. Sai San Aik, Sri Chandan Kumar Sharma of the Department of History stated that Dr. Aik who is actually a Professor in Veterinary Pharmacology, Myanmar is involved with the Shan community and cultural works for forty five years. He has authored thirteen books in Shan and Burmese. He carried several research works on domesticated elephants. Dr. Aik was awarded the Burmese Government National Book Prize in 1995. The latest book authored by Dr.

Aik which was released in the event is the first in-depth study on the history of minorities in Burma and provides a detail analysis and throws light on the relationship between India and Burma.

In his address after formally releasing the book Professor Alak Kumar Buragohain, Vice Chancellor, Dibrugarh University stated that History is very much like a subject of science and it is always dynamic. Rewriting history with authentic facts and evidences and interpretations play a significant role in proper projection of the past-liberating it from the grasp

of distortion. As far as the history of Myanmar is concerned Professor Buragohain stated that the book has a special meaning in the context of the socio-cultural and political commonalities between Assam and Burma. Further he stated that this will be a significant State in the Act East Policy of the Government of India. It may be mentioned that Dibrugarh University has created a three free studentships for the eligible students from Myanmar to study the Masters Programme in the Department of Applied Geology. Further the University is reviving and consolidating its Centre for Myanmar Studies in the Department of Economics.

Dr. Aik in his address thanked Dibrugarh University for its support in bringing out the book and expressed his hope that the initiative of the University in consolidating the



A glimpse of the function.

academic and the intellectual bonding between India and Myanmar shall lead to a new dimension in the present Act East Policy of the Government of India.

Professor Dambarudhar Nath reiterated the enormous significance of the book authored by Dr. Aik in the present geo-political and cultural situation in Burma. He recalled his personal efforts in moving forward the initiative for a Centre for Area Studies on South East Asia way back in 2002.

The event ended with a lively academic interaction amongst the students, faculty members and the authors and other dignitaries from Myanmar.+++

Mini-MTTS (Mathematics Training and Talent Search)

Mini-MTTS (Mathematics Talent Training and Search) programme was organized by the Department of Mathematics from 18th December to 23rd December, 2015 in collaboration with National Board of Higher Mathematics (NBHM), Govt. of India. The six day programme was well-attended by more than fifty participants of B.Sc. 3rd semester from various academic institutes of the North East India.

Three courses, namely Foundations, Real Analysis and Linear Algebra, were taken up in the programme. The members of the resident faculty were Professor Arindama Singh of IIT Madras, Professor S. Somasundaram of Manonmaniam Sundaranar University (MSU), Tamilnadu and



Dignitaries on the dais.

Professor Bhaba Kumar Sarma of IIT Guwahati. Professor Sarma acted as the Academic Coordinator of the programme.

The programme was formally inaugurated on 18th of December by Professor B. R. Sharma, Head of the Department of Mathematics,

Dibrugarh University. his Inaugural Speech Professor Sharma gave a brief introduction of the Department of Mathematics and also expressed his sincere gratitude to the MTTS team for choosing the North East region in general and Dibrugarh University in particular for the event. The local Coordinator of the programme Mr. Dhrubajit Choudhury, Assistant Professor of the Department presented the objectives of the programme and welcomed the MTTS expert team and the participants. On behalf of MTTS team, Professor B. K. Sarma explained the concept of the MTTS programme and also stressed on the need for holding the events of this kind. The Inaugural Session was attended by the faculty members of the various Departments of Dibrugarh University.

On 22nd December, Professor Alak Kumar Buragohain, Vice Chancellor, interacted with the experts and participants, and delivered an



A moment of the programme.

edifying speech on the occasion of 128th Birth Anniversary of the Indian Mathematician Srinivasa Ramanujan Iyengar, FRS, which is observed as the National Mathematics Day. In his talk, he emphasized the importance of Mathematics in the study of various branches of science and highlighted on India's long tradition of pursuit of Mathematics especially Geometry, Number Theory and Astronomy. He also appealed to the

young minds to continue the legacy. Professor Buragohain made specific mention of the role of Mathematics in understanding and solving Biological problems.

The programme was concluded on 23th December with a Valedictory Session. In the Valedictory Address, the members of MTTS team expressed their sense of appreciation and applauded the students for their commitment.+++

National Workshop on Human Rights



Mr S. N. Phukan, formerly a Supreme Court Judge and Professor Alak Kumar Buragohain, Vice Chancellor during inauguration session of the workshop.

A six day UGC sponsored National Workshop on Human Rights was inaugurated by Sri S. N. Phukan, formerly a Supreme Court Judge at the Indira Miri Conference Hall of the University on 12th March, 2016. In his Inaugural Speech, Justice Phukan highlighted the various legal provisions of the Constitution for protecting and promoting Human Rights of the citizens. He drew reference to the United Nations Declaration on Human Rights in 1948 and stated that the basic tenets of Human Rights are accorded great importance in every democratic country of the world. Citing several landmark judicial pronouncements relating to Human Rights violation in the country, Justice Phukan mentioned the need for awareness and consciousness of Human Rights in the context of the North-East. He also appealed to the young students

of law to engage in deep studies in the teaching of the great Saint Mahapurush Srimanta Sankaradeva.

Justice Hrishikesh Roy of Gauhati High Court delivered the Keynote Speech in the Inaugural Function. In a stimulating address Justice Roy mentioned that the core elements of Human Rights do emanate from the law books or the human charter but these are deeply ingrained in the fundamental human values of compassion, dignity, respect for others and liberty. The emphasis on Human Rights is embedded in all

religions, culture and civilizations, he stated.

Professor Alak Kumar Buragohain, the Vice Chancellor of the University in his address reiterated the need for creating awareness the various elements of Human Rights among the students.

The six day workshop is organised jointly by Centre for Juridical Studies and the Department of Political Science where several eminent Academicians, Advocates and Human Right Activists of the country shall act as a Resource Persons.+++

First Mising Language Unicode Based Keyboard





Snapshots of the function.

The first Mising Language Unicode based Keyboard 'LÍ: SANG' was released by Dr. J. J. Kuli, formerly President of the Mising Agom Kebang, in the 22nd General Conference of the Mising Agom Kebang (Mising Sahitya Sabha) held at Suniram Basing Lotta, Goroimari, Bhimpora, Lakhimpur which was developed by Mr. Rizwan

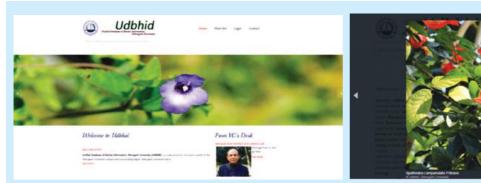
Rehman, Assistant Professor, Centre for Computer Studies along with Dr. Devid Kardong from the Department of Life Sciences. Mr. Rizwan Rehman also said that 'LÍ: SANG', the first Mising Language Unicode based Keyboard will be also available in the Android version and will be released very shortly. These applications will be free of cost and

will be available at www.lisang.in.

Dr. Devid Kardong in his speech highlighted the fact that the software will attract the new generation towards the use of Mising Language.

The application was developed under the supervision of Professor Gopal Chandra Hazarika from the Deptartment of Mathematics.+++

Mapping the Campus Biodiversity





In a move towards mapping the biodiversity of the University Campus the Department of Life Sciences is creating a database on the flora of the campus named *Udbhid* (Unified Database of Herbal Information,

Dibrugarh University). Dr. Pankaj Chetia, Assistant Professor, who is a specialist in Planyb Taxonomy and Bioinformatics is leading the project with Dr. Mridul Gogoi of the Department who earlier obtained his PhD under the supervision of Professor L. R. Saikia of the Department for the work on the ecological aspects of the campus.

Launch of Pisharoty Sonde



A moment of the Ballon-borne Pisharoty Sonde launching programme.

The balloon borne observation of the vertical profiles of meteorological parameters through the GPS aided Pisharoty Sonde designed and developed by the Indian Space Research Organization has been planned at the Centre on each Friday starting from March 2016 for a year.

As a part of this routine, balloonborne Pisharoty Sonde was launched for the first time on 18-03-2016 at about 12:20:07 hrs followed by a second launch at about 21:10:01 hrs on the same day. It is intended to utilise the Sonde measured vertical meteorological parameters (atmospheric pressure, temperature and humidity including the wind speed and direction) to estimate the seasonal boundary layer dynamics, that has a significant effect on our day to day life and most importantly on air pollution, weather and climate. These data are useful for the numerical weather prediction models to prepare weather forecast and are also important in aviation safety.+++

Technical Workshop on Theatre Art





Professor Robin Das from National School of Drama, New Delhi and Ms Rabijita Gogoi, Camp Director.

A month long technical theatre workshop was organized by the Dr. Bhupen Hazarika Centre for Studies in Performing Arts (BHCSPA) in collaboration with National School of Drama (NSD), New Delhi from 6th October to 4th November, 2015 under the supervision of Camp Director Ms. Rabijita Gogoi, an eminent theatre designer and director and a group of eminent theatre experts of

the country.

The major objective of the workshop was to provide quality education both theoritically and practically in technical aspects of theatre and to bring awareness among practitioners. Altogether twenty six participants from various parts of Assam along with different Departments and Centres of Studies from the University participated in the workshop.

The workshop was conducted by eminent experts of international repute and faculty members from the NSD and other Universities like Professor Robin Das from NSD, Professor Ashok Sagar Bhagat, Manoharan, Senior Sound Technologist, NSD, Rajiv Velicheti, Associate Professor, Department of Theatre Arts, University of Hyderabad, R. Nalini Joshi, Costume Designer, Mr. Arun Malik, Mr. Dadul Chaliha, Ms. Rabijita Gogoi, Anupam Kher's Actor Preparation Institute, Mumbai and Chauti Chakraborty, Light Designer, NSD.

The workshop was formally inaugurated on 6th October, 2015 at the Indira Miri Conference Hall which was attended by the eminent theatre personalities and the faculty members from various Departments and Centres for Studies of the University. Professor Karabi Deka Hazarika, Dean, School of Humanities and Social Sciences chaired the meeting. On behalf of NSD, Professor Ashok Bhagat formally inaugurated the session.

Beside them Camp Director, Ms. Rabijita Gogoi, Dr. Parnjit Bora, Director i/c, BHCSPA delivered their valuable speeches.

On 4th November, 2015 an exhibition was held at Aniruddha Bhawan, Department of History which was inaugurated by Professor Nirajana Mahanta Bezbora, Head, Department of Assamese. Various objects, properties, paintings and installations prepared by the students during the period of workshop were displayed. The exhibition was followed by the closing ceremony where Professor Alak Kumar Buragohain, Vice Chancellor, Professor Karabi Deka Hazarika, Dr. Pranjit Bora, Director i/c. BHCSPA. Professor Robin Das, Professor Rajiv Valecheti and Ms. Rabijita Gogoi addressed the gathering. The program came to an end with the distribution of certificates and gifts to the participating students.+++

Jugalbandi of Flutist Deepak Sarma and Tabla Player Kaushik Konwar



A glimpse of the Jugalbandi.

Dibrugarh University organized

a Jugalbandi of renowned flutist Deepak Sarma and the well known Tabla player Kaushik Konwar on the 8 April, 2016 at Rang Ghar—the University Auditorium. The balmy Friday evening left a remarkable impression upon the august gathering as the swirls of Hindustani Classical Music penetrated the quiet auditorium leaving the audience mesmerized. The programme was initiated by the solo Aalap of Deepak Sarma in the Raga Brindavani Sarang followed by his recital of Jor Aalap and Jor Jhala. His recital was succeeded by a duet whereby Kaushik Konwar joined him in the musical rendition of the evening

and enthralled the audience with their performance of *Bandish* and *Gat* (*Aaddha Teen Taal* and *Madhya Laya Teen Taal*), which was followed by *Gat* in *Drut Teen Taal*. The classical music fiesta of the first half came to an end with a performance of the composition called *Maand*, which is a classical *Raga* derived from *Rajasthani* folk music.

After the intermission, the music shifted towards a more contemporary style. Nostalgic Assamese and Hindi melodies like *Shyam teri banshi, Tuhi re, Xondhiyar aakaxot bogolee ure, Xile xile theka khale etc.*, reigned in the latter part of the evening. The memorable *Jugalbandi* was

concluded by a soulful rendition of a song based on *Raag Bhairavi*. The illustrious duo was accompanied by Tapan Chakabarty in acoustic guitar and Bittu Singh Sukhi in the keyboard.

The event was attended by the invitees from Dibrugarh town belonging to institutions like Brahmaputra Cracker and Polymer Limited (BCPL), All India Radio, *Doordarshan Kendra*, Assam Medical College apart from the University faculty members, officers and students.

Mental Health Awareness



The students of the Centre for Studies in Behavioural Sciences displaying posters.

The Centre for Studies in Behavioural Sciences (Applied Psychology) engaged in various activities on the occasion of 'World Mental Health Day' on 10th October 2015, to promote and create awareness about mental well-being within the University Campus. Some of the activities undertaken were:

O Distribution of Pamphlets on 'Examination Anxiety, Anger Management and Learning Disability' by the students of the Centre under the guidance of the faculty members, among all the Departments, Centres for Studies, Administrative units of the University, various Canteens in the Campus and the Dibrugarh University Model School.

O Posters on a variety of mental health concerns ranging from 'Drug Abuse' to 'Depression' and other related psycho-pathological conditions, were also displayed by the students to raise awareness on these issues that are on the rise today.

O Street-Plays were also enacted by the students of the Centre, in the University Campus, on certain psycho-socially relevant concerns, that garnered wide appreciation.+++



A snapshot of the Street Play.

OUTREACH PROGRAMMES

DU Signs Memorandum of Agreement with Swacch Bharat Mission



The Dignitaries on the Stage during formal Inauguration Function.

Teachers and the Student Coordinators of the various Departments and Centers for Studies of Dibrugarh University and the Colleges of Dibrugarh District affiliated to Dibrugarh University on the partnership initiative of the Dibrugarh University with the District Water Sanitation Committee, Dibrugarh District for the effective implementation of the *Swacchh Bharat* Mission was organized by

A Convention of the College

Principals, Vice Principals, Nodal

Swacchh Bharat Mission (Gramin) which was launched on 2nd October.

District Water Sanitation Committee

in collaboration with Dibrugarh

University on 20th December, 2015 on

the premises of the University.

2014, envisions transforming India into *Open Defecation Free (ODF) and Clean Country* within 2nd October, 2019 adopting safe sanitation and hygienic behavior such as construction and use of sanitary toilet, consumption of safe drinking water and its proper storage and hand washing with soap.

The Convention was formally inaugurated by Mr. Subhash Ch. Das, IAS, Additional Chief Secretary and Commissioner, Public Health and Engineering, Government of Assam. Sri M. S. Manivannan, IAS, Deputy Commissioner, Dibrugarh District also addressed the convention. A Technical Session was also held where presentation on various aspects

of the Swacchh Bharat Mission (Gramin) was made by Er. D. K. Mazumder, Chief Engineer (PHE) Assam, Sanitation, Sri Ashok Das, Secretary to the Govt. of Assam, PHED, Md. Najibuddin Ahmed, Ms. Shweta Patnaik, UNICEF, Guwahati. The session was chaired by Mr. Subhas Ch. Das, IAS and Professor Alak Kumar Buragohain, the Vice Chancellor of the University.

Dibrugarh University signed a Memorandum of Agreement with the Dibrugarh District Water and Sanitation Committee (DWSC) under the aegis of the Swacchh Bharat Mission to set up Health and Sanitation Clubs initially in 29 colleges of Dibrugarh District







Dibrugarh University signs MoA with Swacch Bharat Mission.
Mr. M. S. Manivannan, IAS, Deputy Commissioner of Dibrugarh District and Mr. S. C. Das, IAS, Additional Chief Secretary and Commissioner, Public Health and Engineering, Gvernment of Assam at the Inaugural Function.

affiliated to Dibrugarh University for various activities to implement the mandates of the *Swacchh Bharat* Mission. It may be mentioned that Dibrugarh University is the first and the only University in the country to take up the mandates of the *Swacchh Bharat* Mission through an official MoA with *Swacchh Bharat* Mission.

Objective and expected outputs of the partnership:

- The key objective of this partnership is to expedite the expressed activities to be undertaken in the Dibrugarh District *viz*.
- Community mobilization and capacity development of the stakeholders and field functionaries engaged with the implementation of *Swacchh Bharat* Mission *(Gramin)*, at all levels at Key Resource Centre (KRC).
- To develop an organized centre for research and development.
- To establish vocational/skill development courses in different centers under Dibrugarh University.
 - Impact analysis and evaluation.
- Solid and liquid waste management.
- Community Sanitary Complex.+++

Activity under the Swacch Bharat Mission



The Dibrugarh University community carried out a comprehensive cleaning operation at various installations (Hostels, Departments, Offices and Canteens) of the campus in the morning and in the afternoon in two phases on 29th February, 2016. As a part of their commitment to the Swacchh Bharat Mission, it may be mentioned that Dibrugarh University has already entered into a Memorandum of Understanding (MoU) with District Water Sanitation Committee, Dibrugarh District for effective implementation of Swacchh Bharat

Mission under the Swacchh Bharat Mission, Government of India for propagating the concept and practice of cleanliness, hygiene and good health through it affiliated colleges and on the campus. In the afternoon the students of the University gathered in the playground of the campus and took 'Swacchata Pledge' collectively. At the same time the Officers and the Nonteaching Staff of the University Administration gathered in front of the Administrative Building and took the 'Swacchhata Pledge'.+++

Enterprenuership Awareness Programme at Murkongselek College

Aday long awareness programme on

'Entrepreneurship Development' was organised by *Equal Opportunity Cell* of Dibrugarh University at Murkongselek College, Jonai, the eastern-most college affiliated to Dibrugarh University, on 23rd January, 2016.

A high level team comprising of Professor Alak Kumar Buragohain, Vice Chancellor, Professor Ajanta B. Rajkonwar, Dean, School of Commerce and Management, Dr. Paramananda Sonowal, Deputy Registrar (Administration), Mr. Pankaj Borthakur, Executive Officer and Mr. Deepak Doley, Assistant Professor, Department of English and In-charge of the Equal Opportunity Cell visited the College. Professor Buragohain and Professor Rajkonwar addressed the students and faculties of the College in the Inaugural Session which was also attended by the Principals and the faculty members



A moment of the programme.

of Moridhal College, Silapathar College, Jonai Girls' College and Jonai Science College. Professor Buragohain expressed his happiness at the sincere efforts made by the excellent team of the faculties, staff and students under the able leadership of the founder Principal Dr. H. K. Pegu in building a beautiful institution in this remote and frontier area of the country. Dr. H. K. Pegu, Principal of Murkongselek College in Welcome Address expressed deep appreciation

of the initiative of the University through outreaching programmes like the present one.

In the main technical session Professor Ajanta B. Rajkonwar made a very interesting presentation in a simple and lucid language to the students about various aspects of entrepreneurship development. A high point of her presentation was the case studies with success stories of young entrepreneurs of Assam and the North-East.+++

Free Medical Health Camp



A glimpse of the health camp.

The Dibrugarh University *Mahila Chora* **organized** a Free Medical Health Camp at the premises of the Health Centre of Dibrugarh University on 25th March

2016. Health care programs leave a significant impact in terms of providing better health care to the different sections of the people of the society. As such, in addition to General Practitioners, Specialists from Dermatology, Gynecology and Obstetrics and Medicine examined almost 300 patients and provided treatment to the needy people and also sensitize them about the various ways and means to prevent diseases. A group of Laboratory Technicians contributed towards achieving the following objectives:

- 1. Thyroid Level Function Test,
- 2. On the spot Blood Sugar Test,
- 3. Blood Pressure etc.

The program was open for all the members of the University family and the neighboring villages.+++

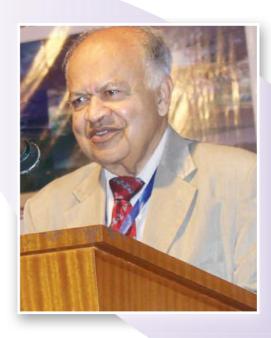
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VIEWS

In Conversation with **Professor Jayant Vishnu Narlikar**

Professor Jayant Vishnu Narlikar, is an internationally acclaimed Cosmologist and Astrophysicist. Professor Narlikar was one of the architects along with Professor Ajit Kembhavi and Professor Naresh Dadhich to establish the Inter University Center for Astronomy and Astrophysics (IUCAA) at Pune. He was the first Director of the institute where he is now an Emeritus Professor. Apart from doing pioneering work in the field of cosmology, Professor has a lifelong involvement with the popularization of science and mathematics throughout the country. He visited Dibrugarh University during 2-5 November, 2015, for the National Conference on *Current Issues in Cosmology*, Astrophysics and High Energy Physics organized by the Department of Physics, Dibrugarh University as a Keynote Speaker. Professor Narlikar was honoured by the Government of India with the Padma Bhushan (1965) and the Padma Bibhushan (2004).

Interviewer: **Dr. Nimisha Dutta,** Assistant Professor, Department of Physics.



Q (Nimisha Dutta): May I extend a warm welcome to you from Dibrugarh University. Sir, we are extremely privileged and fortunate to have you with us on your second visit to our University and this time for a relatively longer duration. To begin with may ask you about what motivated you to carry out your work in your chosen field in Science?

Professor J. V. Narlikar (JVN): I was initially, as a schoolboy, interested in Mathematics and when I went for higher studies in Cambridge, I was more influenced by the various aspects of Mathematics and the wide variety of options the subject provides. This developed in me an intuition that Mathematics gives us what we call now as 'Theoretical Physics' and the number of options that the subject provides provoked me to take some aspects of 'Astrophysics' and 'Theoretical Physics' in which I carried

on my higher studies. That was motivated by some good teachers like Fred Hoyle, who was my mentor and so this is how I was motivated to carry on my work in this area.

Q (ND): Pandit Jawaharlal Nehru, our first Prime Minister coined the term 'Scientific Temper' and he envisioned India as a nation with scientific temper. Do you think that sufficient progress has been made towards achieving this goal?

JVN: I want to make a distinction here that my work has been on popularising science and also speaking up for scientific temper. I enjoyed doing both the things. Yes, I was motivated by Nehru's writings where he had hoped that after independence people would begin to think for themselves and would become more rational. But this has actually not happened. Superstitions have grown. So there

is need for the people to work on the masses telling them the advantage of what is called rational thinking, how we should use science as a basis for our decision making. So, all these things need to be implemented for sufficient progress. In 1942-1943 when Jawaharlal Nehru was in jail, he was hoping that the nation would become more rational after independence. My views are that we should concentrate on the young generation, school children, so that they grow up to be more rational... I am not very optimistic about the older people because they are already set in their thinking and they find it difficult to change. But we should try to motivate even the older ones too but I am expecting more from the younger generation.

Q (ND): What, in your opinion, are the challenges lying ahead for the scientific community?

JVN: Challenges are mainly to identify as to what are the advantages of Scientific Thinking. We should realise that without knowing science we can follow the methods of science, *i.e*, rationality. Unless you see a proof of the statement we won't believe it, so as to find what we should follow.

Q (ND): We all are aware of your world class research in the field of Theoretical Astrophysics and Cosmology. What are the differences in the systems you observed while working both in India and abroad?

JVN: So far as research at high level is concerned, I don't think there is any great difference. The conditions in our best laboratories are similar to the ones abroad. The only thing that sometimes strike me as little inappropriate of all is that in our scientific society there is more of a hierarchy. Abroad, in any institution, similar to one in India, one would expect young scientist arguing with the Director of the institute. But in India, the Director of the institute is often inaccessible and people won't be able to involve with an argument with him/her. So when I was setting up IUCAA, I made it a rule that there should not be any barrier and people used to come and talk to me. There was the freedom and that still persists. But that is an exception in India.

Q (ND): What are your views regarding the current development of Science and Technology in our country? JVN: Well, you must have heard that C. N. R. Rao had once complained that there has been less support for research in Science from the Government. He pointed out that the present contribution of the Government is only 0.8% of the GDP whereas what is needed is 2%. We are asking for this 2%. The oath each time the Government takes 'All needs will be met' has never been fulfilled. They make the same promises every time but all in vain.



Professor Jayant Vishnu Narlikar in conversation with Nimisha Dutta.

So there is some kind of frustration. But the main point is that there should be more bright young researchers. That number is not very large at present and for this we should not blame the Government solely. It is rather us who should be blamed. Senior scientists should have created an atmosphere where younger people can feel and work harder. Also, many a times if we look into the pay scales of the scientists, they are exactly similar to that of the administrators— though both are doing vastly different works. Same rules should not be applicable to both. Both should be judged or promoted differently which is not happening. People doing work at younger age should be promoted than people at older age. Promotion rates are slowed down since more often the *vice versa* is happening. This should change.

Q (ND): Would you please suggest your views for motivating young students towards research?

JVN: My advice to the younger generation has always been that whatever you decide to do, give your best and you will succeed.

Q (ND): This is your second visit to Dibrugarh University since 2002. What changes have you observed since your last visit to our University?

JVN: It is really hard to comment on short visits but then I remember that the enthusiasm amongst the younger people that I remember during my last visit is still there today. I still find people with the same enthusiasm, working harder with the same spirit which is really pleasing.

Q (ND): Thank you very much Sir for your invaluable insight. I am confident your words shall inspire our young students and Scientists a great deal.

INITIATIVES

New Department of Bodo

The Foundation Stone for the building

for the new Department of Bodo was laid by Sri Hagrama Mahilary, the Chief of the Bodoland Territorial Council (BTC) on 30th November, 2015. The project is funded by the BTC for creation of the infrastructure for running the Post Graduate and the Certificate Courses in Bodo by the Centre. Professor Alak Kumar Buragohain, Vice Chancellor, expressed his happiness and appreciated the support of the BTC in a brief event organized on the occasion. Sri Biswajit Daimary, MP, Professor K. D. Hazarika, Dean, School of Humanities and Social Sciences, Professor Bhim Kanta Boruah, Director In-Charge, Centre for Studies in Language also spoke on the occasion.+++



Sri Hagrama Mahilary, the Chief of the Bodoland Territorial Council at the Foundation Stone Laying function.

Certificate Course in Mising Language

A Certificate Course in Mising Language

was introduced in the Centre for Studies in Languages on 8th February 2016. Professor Alak Kumar Buragohain, the Vice Chancellor inaugurated the Course. Professor Buragohain in his opening remark stated that a course on Mising Language in the University was long overdue and this is a small beginning with great academic possibilities in the future in realm of teaching and research on Mising society and culture, he stated. Professor Tabu Ram Taid, an eminent educationist who was also a member on the University Court earlier, was the Guest of Honour. Professor Taid welcomed the move made by the University and emphasized the maintenance of quality and on the sustainability of the programme. Earlier in the function, Professor Bhim Kanta Boruah, Director In-Charge of



Centre for Studies in Language, extended a warm welcome to the gathering which was organized at the Sri Sri Aniruddhadeva Bhavan of the Department of History.+++

Certificate Course in Deori Language

A Certificate Course in Deori Language was introduced in the Centre for Studies in Language on 24th February 2016. At a special event organized on the occasion at the Siukapha Bhavan of the Centre, the Vice Chancellor, stated the great significance of introducing academic programmes relating to the studies on the diverse languages, culture and history of Assam. In this context he urged upon all who are engaged in the study of languages to contribute towards the success of the newly introduced Certificate programme on Deori Language. Professor Bhim Kanta Boruah, the Director In-Charge



of the Centre extended a warm welcome to the all present in the inaugural function.+++

Workshop on Choice Based Credit System

The Dibrugarh University organized a day long Workshop for the College Principals and faculty members of the affiliated colleges at the Rannghar Auditorium of the University on 8th April, 2016 on Choice Based Credit System and Its Implementation at the *Undergraduate* Level which inaugurated by Professor was Kuamr Buragohain, Vice Chencellor, Dibrugarh University by delivering the Inaugural Speech. Professor Buragohain in his brief but illuminating and highly edifying speech enlightened the house about the conceptual parameters of the CBCS, the role of pedagogy, use of ICT for creation of learner friendly environment for implementation of the CBCS. Dr. R. Saikia, Director, Development Council College delivered the Welcome Address and explained the background of the workshop with a few opening

remarks.

Professor K. G. Bhattacharya, Department of Chemistry, Guahati University and former Director of Human Resource Development Centre of Gauhati University and Dr. Bhubeneswar Saharia, former Controller of Examinations, Tezpur University participated in the workshop as the Resource Persons.

Both the Resource Persons having discussed all the relevant aspects, both conceptual and structural, also explained objectives of the CBCS and the UGC framework for the CBCS with critical views quite meaningfully. The Resource Persons with an insightful outlook discussed the substantive points relating to credit, credit transfer, offering of choices and all other relevant aspects as regard to the implementation of the same to be implemented from the next academic session 2017-18.

Dr. Binud Chandra Borah, Deputy



Registrar (Academic) presented the road map prepared by Dibrugarh University for implementation of CBCS in a professional manner within the stipulated time frame and shared the experiences of the University on the CBCS in the Post Graduate level. He also appreciated the participants for meaningful interactions with the Resource Persons on various points highlighted by them .The participants

also appreciated Dibrugarh University for taking initiatives for implementation of CBCS and requested the University to involve the Colleges in this process.

Dr. Arinjit Hazarika, Academic Officer, Dibrugarh University by delivering vote of thanks appreciated the participants for their enthusiastic participation on the workshop and the Resource Persons. He also thanked the Vice Chancellor, Registrar and the rapporteurs for extension of overwhelming guidance and support.+++



Digital Language Lab

A Digital Language Lab has been set up in the Centre

for Computer Studies with twenty student consoles and one teacher console. The Digital Language Lab comprises of sophisticated software, hardware and digital material procured from the best of providers. Currently the lab is equipped with software and materials for learning English and a few other foreign languages. To accommodate all the students of the various Departments and Centres, the University plans to set up a larger and more technologically-upgraded language lab at a central location of the University with more number of consoles. The relevance of a well-equipped Digital Language Lab rests on the fact that in the rapidly virtualised pedagogical scenario of the present, learning is primarily transacted and transmitted through technological-digital means. The four skills of reading, writing, listening and speaking have to be acquired. Communication involves one's ability to listen carefully so as to grasp the meaning and to respond in turn with apt words and clarity of pronunciation. It is here that language lab plays a determining role in the language-learning and acquisition process. A Digital Language lab is useful to enrich a student's language learning experiences. It is very useful for assessing students' speech. It provides students with the technical tools to get the best samples of pronunciation of the language. The electronic devices used in the laboratory stimulate the eyes and ears of the learner to acquire the language quickly and easily. It is the awareness of such needs on the part of a substantial portion of the prime stakeholders of the fraternity that the University is on the process of constructing and facilitating a fully-equipped Central Digital Language Lab, which is slated to be fully operational by 2017.+++

Google Classroom

Information and

C o m m u n i c a t i o n Technologies (ICT) have recently gained a lot of interest. Their nature has highly changed the face of education over the last few years. Dibrugarh University has recently taken a few initiatives to



implement ICT tools in the teaching and learning process. Google Classroom is one of them. Google Classroom is a blended learning platform for educational institutes that aim to simplify creating and distributing materials and assignments in a paperless way. It ties Google's many products together to help the educational institute create online classrooms.

In the first stage, as advised by the Vice Chancellor, the teachers and students of the Centre for Computer Studies, Dibrugarh University has been granted access to institutional Google Classroom accounts. On February 26, 2016 Mr. Gunadeep Chetia, Programmer, Dibrugarh University has presented a demo on how to use Google Classroom to the teachers and students of the Centre for Computer Studies. Professor Surajit Borkotokey, Director i/c, Centre for Computer Studies was also present during the presentation and he opined that the proper use of Google Classroom will help the teachers and students of the Centre to utilize time and resources in a much more effective way. Gradually, the teachers and students of other Departments and Centres will be granted access to Google Classroom.++++

MoU with Omeo Kumar Das Institute of Social Change and Development, Guwahati

Dibrugarh University entered into a Memorandum

of Understanding (MoU) with the Omeo Kumar Das Institute of Social Change and Development, Guwahati, for academic collaborations between the two institutions of higher learning and research in the field of Humanties and Social Sciences. The MoU was formally signed in a meeting organized at 'Chintan'- the Conference Hall at the office of the Registrar, Dibrugarh University by Professor Mrinalendra N. Dutta, Registrar, DU and Professor Bhupen Sarmah, Director, OKD Institute of Social Change and Development. In his opening remark, Professor Alak K. Buragohain, the Vice Chancellor of the University expressed his hope that the MoU shall facilitate synergy between the two institutions with respect to research in the realm of Social Sciences addressing the important contemporary issues of the region and the country. It may be mentioned that there is already research collaboration between the DU and the OKD Institute of Social Change and Development. The new MoU shall now facilitate pursuit of doctoral research by the eligible students at the OKD Institute of Social Change and Development in a comprehensive manner with the facility for completing the mandatory Course Work at the OKD Institute of Social Change and Development itself.

Professor Bhupen Sarmah, the Director and Professor Indrani Dutta a senior faculty member of the Institute



Professor K. D. Hazarika, Professor Bhupen Sarmah, Professor Alak Kumar Buragohain and Professor M. N. Dutta after signing the MoU.

expressed happiness that, this academic collaboration shall open up avenues for greater intellectual and academic interaction between the two institutes of the region.

The meeting was attended by Professor P. K. Barua, Dean, Research and Development, Dr. Binod Chandra Borah, Deputy Registrar (Academic), faculty members of both DU and OKD Institute of Social Change and Development besides all other important functionaries of the University.+++

MoU with Khan Study Group, New Delhi

A Memorandum of Understanding (MoU) was signed between Dibrugarh University and the Khan Study Group, New Delhi on December 30, 2015 to offer professional coaching programmes for preparation of Civil Services Examinations and various other competitive examinations to the students of the North Eastern region in a PPP (Private Public Partnership) Mode. Professor Mrinalendra Narayan Dutta, Registrar, Dibrugarh University and Mr. Aslam Raja Khan of Khan Study Group, New Delhi signed the MoU on behalf of their respective organisations. As per the agreement, the University will provide the necessary infrastructure to

carry out the coaching programmes and KSG, a leading institute which offers quality coaching for entry into services examinations situated at New Delhi having their branches at several cities of the country will provide various Resource Persons, Study Materials and other support. There shall be two different courses to be offered, one is coaching programme exclusively for the preparation of Civil Services Examinations and the other is short duration courses meant for entry to all Type-II level services examinations. The duration of both the programmes will be approximately 4 months and 1½ months respectively.+++

INDUSTRY-ACADEMIA INTERFACE

DU Gets New Emeritus Professor



Dr. Bhupati Kumar Das was appointed as an Emeritus Professor for mentoring the Dibrugarh University Institute of Engineering and Technology (DUIET) and the Centre for Management Studies (CMS).

Before joining Dibrugarh University Dr. Das was the Managing Director, Bharat Oman Refineries Limited (BORL), in Madhya Pradesh. Earlier Dr. Das had played a key role as the Chief Managing Director of the Numaligarh Refineries Limited (NRL), Assam, India and the Director, Finance of Numaligarh Refineries Limited (NRL)Assam, India into an organisation with global reckoning. He also served as the Manager, Corporate Planning to General Manager- Commercial of Assam Oil Division of Indian Oil Corporation Limited (IOCL) from 1981 to 1995 and as the Marketing Executive to Planning Manager of the Assam Oil Company Limited (fully owned by Burmah Oil Company of UK) from December 1974 to October 1981.

Appointment of Dr. Das as an Emeritus Professor is a move made by the University towards creating a strong Industry-Academia interface. It may be mentioned that Dr. Das served as members on several important Committees. For example, he was the Chairperson of the Confederation of Indian Industry

(CII) Assam State Council for 3 years for the period from 2008-09 to 2010-11. Dr. Das was nominated by the Governor of Assam for a tenure as a member on the State Council for Vocational Training to carry out and coordinate the training policy and programme throughout the State as laid down by the National Council for Vocational Training (NCVT). Dr. Das was nominated by Government of Assam / CII Assam State Council as the Mission Leader for MSME Business Delegation in July, 2010 to explore and promote stronger relationship between the business communities of the Spain and Portugal in sectors like energy, infrastructure, agriculture, processing, tourism, tea, textiles etc. He was nominated by the Governor of Assam as a Member of the committee constituted to recommend the Incentives of the North East Industrial Policy.

New K D Malaviya Chair Professor



Professor Swapan Kumar Bhattacharya, an internationally reputed Geo Scientist joined as the Keshav Dev Malaviya Chair Professor in the Department of Applied Geology. The Oil India Limited (OIL) instituted the KDM Industrial Chair at Dibrugarh University in 1993.

Professor Bhattacharya completed his tenure as a senior

faculty member at Petronas University, Malayasia before joining the University as the KDM Chair Professor. Professor Bhattacharya has experience in the industrial research through his previous stints in very senior positions at the Kuwait Oil Company, KDM Institute of Petroleum Technology, Dehradun, the Oil and Natural Gas Corporation, Baroda and Ankleswar.

IN-HOUSE CHAPTERS

Department of Anthropology

Workshop on Statistical and Computing Methods for Life Sciences Data Analysis

A workshop on 'Statistical and Computing Methods for Life Sciences Data Analysis' was organized by the Department of Anthropology in collaboration with the Biological Anthropology Unit, Indian Statistical Institute, Kolkata from February 8 to 12, 2016 to mark the Golden Jubilee Year of the Department of Anthropology. A number of participants from Assam University, Gauhati University and Dibrugarh University actively participated at the workshop.

A National Seminar on Anthropological Research in North-East India: Tradition and Transition

A national seminar on 'Anthropological Research in North-East India: Tradition and Transition' was organized by the Department of Anthropology under UGC SAP-DRS Phase III programme from March 18 to 19, 2016. A good number of resource persons and participants from various universities and colleges, within and outside the state attended the seminar.



Professor Sarthak Sengupta during the National Seminar.

Distingushed Visitor

Professor Brenda Beck, Adjunct Professor, Department of Anthropology, University of Toronto, Canada graced the Department of Anthropology as a Visiting Professor and interacted with the students and research scholars of the Department form February 3 to 10, 2016. Professor Beck also accompanied the students to Jengraimukh, Majuli during their field-work among the Misings.

A snapshot of the workshop.



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Professor Brenda Beck at the Department.



Workshop on Exploring Shallow Subsurface Problems by Electrical Methods of Geophysical Investigations

Society of Petroleum Geophysicists, Students' Chapter, Dibrugarh University, organized a three days long Workshop-III from October 5 to 7, 2015. The theme of the workshop was 'Exploring Shallow Subsurface Problems by Electrical Methods of Geophysical Investigations'. Total number of selected participants was 22 with Geology, Applied Geology and Physics background. Mr. Samunda Mitra, Head, Geophysics Unit, MECL, Nagpur, was invited as Technical Expert to share different case histories and associated problems. Geophysical Workshops-I and II took place in 2010 and 2012.

Panel Discussion on Indigenous R & D in Exploration Geophysics

On 8th October, 2015, a Panel Discussion was organized on the theme 'Indigenous R & D in Exploration Geophysics'. The participants were Professor K. K. Roy, IIT Kharagpur (Rtd.) who is an expert in geophysical inversion theory, Dr. Moses Nathaniel Duggirala, a founder member of the SPG India and an expert in seismic data interpretation, Mr. Birendra Sinha, formerly GM, OIL and a pioneer in developing Indian overseas project in Gabon. Professor Alak Kumar Buragohain, Vice Chancellor, in his Welcome Speech, emphasised the need to strengthen further the academia-industry collaboration in much more vibrant

notes than the existing ones. Particularly, the subjects like Exploration Geophysics in the NE India must get sincere priority from the national policy makers.

Workshop on Geophysical Data Interpretation

A down-to-earth workshop on *'Geophysical Data Interpretation'* was organized jointly by the Society of Petroleum Geophysicists' Dibrugarh University Students' Chapter, GEOSOL, a technical consultancy wing of the Department of Applied Geology and the K. D. Malaviya Project, Dibrugarh University on 11th November, 2015. The workshop was conducted by the veteran oil expert Dr. D. M. Nathaniel, Ex VP-Exploration, RIL and Ex-DGM-Exploration, ONGC India. Total number of participants was 35 which included students, research scholars and faculty members of the Department.

Seminar on Recent Developments in Geo-Scientific Studies on Shillong-Mikir Massif, Upper Assam and Eastern Himalaya

A seminar on 'Recent Developments in Geo-Scientific Studies on Shillong-Mikir Massif, Upper Assam and Eastern Himalaya' under UGC SAP (DRS-II) programme was organized on 30th March, 2016. Mr. Apurba Saha, former Director Operation (Offshore), ONGCL, as the Chief Guest of the seminar spoke on 'Shale Gas Prospect'. Dr. S. K. Bhattacharyya, KDM Chair Professor,

Dr. Samunda Mitra, Head, Geophysics Unit, MECL, Nagpur, explaining the mineral exploration scenario in India, in the 3rd Geophysical Workshop.



Professor Alak Kumar Buragohain, Vice Chancellor, explaining the need to strengthen the industry-academia symbiosis in SPG Student Chapter DU Meet.



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Department of Applied Geology, as the Guest of Honour, delivered the Keynote Address on *'Enigma of Source Rock Identification'*. Professor J. N. Sarmah, former KDM Chair Professor, Department of Applied Geology, as the Invited Speaker spoke on *'Brahmaputra River System'*. Alltogether 19 oral presentations were made by the members of the faculty of the different colleges and research scholars of the Department.

Distinguished Visitors

O Dr. O. P. Mishra, Scientist-F, Ministry of Earth Science (MoES), New Delhi, Government of India and expert in Seismology, visited the Department of Applied Geology on 20th November, 2015 and shared his experiences with the students and also provided valuable information towards building up of careers in the field of Earth Sciences and in the promotion of Geo-Scientific research in different fields taking the societal issues into consideration.

O Professor R. J. Wasson, Senior Research Fellow in the Institute of Water Policy at the Lee Kuan Yew School of Public Policy, National University of Singapore along with Dr. J. Burman, Senior Research Fellow and Ms Aditi Raina, Ph.D. Scholar and Mr. Manik Boruah, representative of NE Survive, Guwahati (NGO) visited the Department of Applied Geology, on 07-12-2015. During the visit



Dr Nathaniel, the Oil Expert, gesturing while explaining theoretical issues related to deltaic environment during the workshop on seismic stratigraphy.

Professor R. J. Wasson had interactions with the faculty on matters related to floods and its damage and risks in the Brahmaputra valley and upper reaches of the river. He delivered a lecture on a theme 'Catastrophic Floods in the Himalaya-causes, Knowledge Requirements and Solutions' and highlighted the catastrophic floods in the Himalaya especially on the 2013 flood in the Alkananda, Uttarakhand.

Department of Assamese

Fifteenth Lila Gogoi Memorial Lecture

The Department of Assamese has been organizing a series of lectures in memory of folklorist late Dr. Lila Gogoi since 1995. Like the previous years, the Department organised the 15th Dr. Lila Gogoi Memorial Lecture on 18th March, 2016. To deliver the lecture the Department invited Sri Harekrishna Deka, an eminent writer as well as former DGP of Assam. Sri Deka spoke on *'Culture, Language and National Identity'*. Dr. Nagen Saikia, former President of *Assam Sahitya Sabha* and former Professor of Lakshminath Bezbaroa Chair, Department of Assamese, Ms Chandraprabha Gogoi, wife of late Dr. Lila Gogoi, members of faculty from various Departments and colleges, media persons and a good number of distinguished guests were present at that auspicious occasion.

Dr. Jayanta Kumar Borah, Associate Professor, Department of Assamese conducted the programme. The Welcome Address was delivered by Professor Nirajana

Mahanta Bezborah, Head of the Department, Assamese. Chandraprabha Gogoi performed the lighting the lamp ceremony in memory of the late Dr. Lila Gogoi.

Delivering his speech on 'Culture, Language and National Identity', Deka said that a tribe could attain its national identity through its culture and language. He also added that the Assamese cultural identity has also been determined by culture and language. Therefore it is, according to him, very much important to accept proudly the Assamese cultural identity which has been moulded with natural assimilation process.

Presiding the programme, Dr. Nagen Saikia appreciated Deka for delivering a thought provoking lecture and suggested that he should make a complete book on the topic. Dr. Saikia appealed to the audience to develop the human nature to become cultural. Dr. Satyakam Borthakur, Associate Professor, Department of Assamese offered the vote of thanks. The written version of the lecture published by the Department has also been distributed among the audience.



Sri Harekrishna Deka delivering Fifteenth Dr Leela Gogoi Memorial Lecture.

National Seminar on Towards Composing History of Literature: the Indian Scenario

The Department organised a two days national seminar on 'Towards Composing History of Literature: the Indian Scenario', under the Centre of Advanced Study, Phase-II, on 15th and 16th March, 2016. The Inaugural Session of the seminar was held at the Rangghar Auditorium, which was inaugurated by Professor Alak Kumar Buragohain, Vice Chancellor, Dibrugarh University. The programme was chaired by Professor Karabi Deka Hazarika, Chair Professor, Lakshminath Bezbaroa Chair, Dibrugarh University. Professor Nagen Saikia, former Chair Professor, Lakshminath Bezbaroa Chair delivered the Keynote Address of the seminar.

The seminar was comprised of four technical sessions, which were held at the Conference Hall of the Department of Assamese. Different scholars coming from across the country viz. Rtd. Professor B. N. Patnaik, Indian Institue of Technology (IIT) Kanpur, Professor Prashanta Das, Tezpur University, Professor Arupiyoti Saikia, IIT Guwahati, Professor Dipendu Das, Assam University, Silchar, Dr. Bajrang Bihari Tiwari, Deshbandhu College, New Delhi, Professor Dilip Bora, Gauhati University, Dr. Paramananda Mazumdar, Pragjyotish College, Guwahati, Dr. Jayanta Kumar Bora, Department of Assamese, Dibrugarh University, Dr. Arabinda Rajkhowa, North Lakhimpur College, Arindam Borkatoki, A.D.P. College, Dr. Semim Nashrin, J. B. College and Dr. Pranjit Bora, Department of Assamese, Dibrugarh University presented papers during the seminar. A total number of 12 papers were presented in the seminar. The first technical session was chaired by Professor Madan Sarma, Tezpur University and the second technical session was chaired by Professor Ranjit Kumar Dev Goswami, Sankardev Chair Professor, Tezpur University. In the second day of the seminar the third technical session was chaired by Professor Sunil Kumar Dutta, Tezpur University while Professor Dambarudhar Nath chaired the fourth technical session.



A moment of the Technical Session of the National Seminar.

The occasion also witnessed the gracious presence of Dr. Ananda Bormudoi, Dibrugarh University who delivered the Valedictory Speech, Professor Nirajana Mahanta Bezborah, Programme Coordinator, UGC, CAS-II Programme and Head of the Department of Assamese, Dibrugarh University along with large number of eminent personalities from the spheres of literature as well as academics.

Workshop on the Framework for Preparation of an Encyclopedia of the Languages of North-East India

A two-day workshop on 'the Framework for Preparation of an Encyclopedia of the Languages of North-East India' was held on the 3rd and 4th March, 2016 in the Department of Assamese under CAS Phase-II of SAP Progamme, UGC. The inaugural programme was started at 10.00 am, on 3rd March, 2016. At the outset of the programme, Professor Arpana Konwar, the Director of the Workshop expressed the aims and objectives of the workshop. Professor N. M. Bezborah, the Head of the Department of Assamese and the Coordinator, CAS Phase-II under SAP Progamme, UGC delivered the Welcome Address and Professor K. D. Hazarika, Dean, School of Humanities and Social Sciences, Dibrugarh University expressed her feelings and remarked on the progress of the CAS programme in the Department.

Professor P. N. Dutta Boruah (Resource Person), Professor Ajit Kumar Baishya (Resource Person), Professor Upen Rabha Hakacham (Resource Person), Professor Bhim Kanta Boruah (Professor, Department of Assamese), Dr. Bhaskarjyoti Sarma (Resource Person), Dr. Subasana Mahanta Choudhary (Associate Professor, Department of Assamese), Dr. Satyakam Borthakur (Associate Professor, Department of Assamese) along with 15 numbers of Research Scholars made the workshop successful with their gracious presence.

National Seminar on Poverty, Inequality and Economic Development in India

A National Seminar was organised by the Department of Economics on 'Poverty, Inequality and Economic Development of India' on 29 March, 2016 under the aegis of the UGC-SAP DRS III programme of the Department. The Keynote Speaker on the topic was Professor Achin Chakraborty, Director, Institute of Development Studies, Kolkata. Professor Chakraborty drew the attention of the audience to the need for considering equality of opportunity instead of the equality of outcome for correct analyses of inequality. Professor Alak Kumar Buragohain, Vice Chancellor inaugurated the seminar which was also attended by Professor B. S. Tiwana, an eminent Agricultural Economist from Punjabi University, Professor R. K. Mahajan of PURC, Bhatinda, Professor Manish Kumar, Institute of Higher Education and Learning, Bhopal, Dr. Kishor Goswami, IIT Kharagpur, and former Professor of the Department Professor H. Goswami and Professor K. C. Borah.

Professor B. S. Tiwana delivered a special talk on the issues relating to growth, employment and inequality wherein he urged for a strategy of growth following appropriate technology in order to create employment opportunities as an attempt to remove inequality. In five technical sessions altogether 57 papers were presented by the participants coming from different parts of the country on different sub-themes of the seminar, viz., issues relating to the measurement of poverty and inequality, poverty-inequality and the role of the government, governance issues and poverty alleviation programmes, poverty-inequality and development issues of SC/ST and other marginalised groups and gender inequality and development. The seminar concluded with a plenary session chaired by Professor K. C. Borah of the Department.

Discussion on Union Budget 2016-17

A special discussion lecture was organised by the Department soon after the Union Budget for the year 2016-2017 was passed in the Parliament. Professor D. K. Mishra of Jawaharlal Nehru University, New Delhi was amongst the speakers besides Professor Asit Saha from the Department of Commerce.

Academic Visitors

O Dr. Kishor Goswami, Assistant Professor, Indian 32 | The DU Gazette | Spring Issue, 2016



Professor Alak Kumar Buragohain during his Inaugural Speech.

Institute of Technology, Kharagpur delivered a talk on 'Current Trends in Research in Economics' on 22nd December, 2015.

- O Professor Achin Chakraborty, Director of IDSK, Kolkota and Professor B. S. Tiwana of Punjabi University, Patiala delivered talks on *'Issues of Research in Social Sciences'* on 31st December, 2015.
- O Professor S. R. Mishra of Visva Bharati, Shanti Niketan, West Bengal visited the Department as a Visiting Fellow under SAP, DRS-III during 14-20th February, 2016 and delivered lectures to the students.
- O Professor D. K. Mishra of JNU, New Delhi visited the Department as a Visiting Fellow under SAP, DRS-III during 29th Februray-4th March 2016 and delivered lectures to the students.
- O Professor B. S. Tiwana of Punjabi University, Patiala visited the Department as a Visiting Fellow under SAP, DRS-III during 26-31st March, 2016.
- O Professor R. K. Mahajan, Punjabi University Regional Centre, Bathinda visited the Department as a Visiting Fellow under SAP, DRS-III from 26 to 31st March 2016.

JNU Professor Interacts with the Students

Professor Saugata Bhaduri, Centre for English Studies, School of Language, Literature and Culture Studies and Associate Dean of Students, Jawaharlal Nehru University, New Delhi, visited the Department on March 4, 2015 and had an hour-long interaction with the students, research scholars and faculty members on an array of topics related to literature, criticism and critical theory. He delved extensively on the notion of space and heterotopia, and underscored the difference between the highly theoretical underpinnings of the poststructuralist philosophers of the sixties era and the praxis-oriented discourses of contemporary theorists like Giorgio Agamben, Slavoj Zizek and Alain Badiou. In underlining the link between literature and critical theory, Professor Bhaduri observed that literature has begun to increasingly deploy the resources of theory as prosthesis to provide political, historical, environmental, gendered, postcolonial etc., reading of texts, thereby doing away with conservative 'literary' or 'close' textual reading strategies. The session was moderated by Dr. M. Bordoloi, Head in-charge, Department of English.

Talk on Teaching Literature in the Time of Criticism and Theory

Professor Mohammad Asim Siddiqui, Department of English, Aligarh Muslim University, U.P., was invited to the Department to deliver a talk on 'Teaching Literature in the Time of Criticism and Theory' on 16 April 2016. In a simple and lucid deliberation appreciated much by the students and the faculty members, Professor Siddiqui embarked on an extensive survey of literary criticism and theory considering the latter as a special 'toolbox' through which a reader or critic could understand or interpret texts in particular ways. He was of the view that the process of understanding and interpreting a text could never come to a closure, and in that sense, meaning-making as a phenomena would forever proceed on a dialectical trajectory with no possibility of a real or imagined telos. The session was moderated by Dr. A. Bhattacharyya, Assistant Professor, Department of English.

Department of History

Academic Visitors

- O Professor Sajal Nag, Department of History, Assam University, Silchar, delivered a lecture on the topic *'Religion and Environment'* on 11th February, 2016, at Shri Sri Aniruddhadeva Chair, Department of History.
- O Professor S. K. Sinha, Department of Anthropology, Gauhati University, delivered a lecture on *'Anthropology of Religion'* on 16th November, 2015 at Sri Shri Aniruddhadeva Chair, Department of History.
- O Professor Chandan Kumar Sharma, Department of Sociology, Tezpur University, delivered a lecture on 5th February, 2016, on the topic 'Discourses on Dams and Displacements in North East India'.
- O Professor O. P. Jaiswal, formerly Professor of Ancient History and Archaeology, Patna University, Patna, delivered a series of lectures on Buddhism at the Centre for Buddhist Studies, Department of History during the period 7-11 March 2016.

From left Professor O. P. Jaiswal, Professor Basudev Chatterji, Professor B. P. Sahu, Professor Arupjyoti Saikia and Professor S. Nag.











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- O Professor Basudev Chatterji, formerly Chairman of ICHR, New Delhi, delivered a series of lectures under Visiting Fellow Scheme (SAP-DRS-II) from 14 to 17 March, 2016.
- O Professor Arupjyoti Saikia delivered the first S. D. Goswami Memorial Annual Lecture on 14th March, 2016, on the topic 'the River, Floodplains and Modern Assam: an
- Environmental History of the Brahmaputra'.
- O Professor B. P. Sahu of Delhi University delivered a series of lectures under UGC's Visiting Fellow Scheme (SAP-DRS-II) from 21 to 24th March, 2016.
- O Professor S. Nag of Assam University delivered a series of lectures under UGC's Visiting Fellow Scheme (SAP-DRS-II) from 28 to 31st March, 2016.

Department of Mathematics

Lecture Series on Dynamical Systems and Wavelets

A lecture series on 'Dynamical Systems and Wavelets' was organized by the Department under UGC, SAP DRS-II during 21-22 March, 2016. Dr. H. K. Mukerjee, Professor, NEHU, Dr. Uma Basu, Professor, Calcutta University and Dr. G. C. Hazarika, Professor, Dibrugarh University delivered lectures on 'Algebraic Topology, Dynamical Systems, Wavelets and Shooting Method for Solving Differential Equations'.

Workshop on Dynamical Systems and Plasma

The Department organized a workshop on '*Dynamical Systems and Plasma*' under UGC, SAP DRS-II during 28-31 March, 2016. Dr. P. Chatterjee, Professor, Viswa Bharati University and Dr. B. N. Mondal, formerly Professor, ISI, Kolkata, delivered lectures on '*Dynamical Systems, Plasma and Integral Equations*'.

Academic Visitors

- O Professor S. Somasundaram, Manonmaniam Sundaranar University, Tamilnadu, during 18-23 December, 2015.
- O Professor Arindama Singh, IIT, Madras, during 18-23 December, 2015.
- O Professor Bhaba Kumar Sarma, IIT, Guwahati, during 18-23 December, 2015.
- O Professor H. K. Mukerjee, NEHU, on 21st & 22nd March, 2016.
- O Professor Uma Basu, Calcutta University on 21st & 22nd March, 2016.
- O Professor P. Chatterjee, Viswa Bharati University, during 28-31 March, 2016.
- O Professor B. N. Mondal (Retired), ISI, Kolkata, during 28-31 March, 2016.



Professor H. K. Mukerjee delivering lecture on Dynamical Systems and Wavelets.



Professor B.N. Mondal delivering a lecture on Workshop on Dynamical Systems and Plasma.

Industrial Tour and Training

The Department of Pharmaceutical Sciences organized an Industrial Tour for 3rd year B. Pharm students during January 2-13, 2016 at different Pharmaceutical Industries in Mumbai. The Department also conducted a four weeks Industrial Training for 4th year B. Pharm students during January 2016 in different Pharmaceutical Manufacturing and Drug Testing Lab.

R & D Project

UGC-Major Research Project entitled 'Development of Novel Biodegradable Polymeric Nanocarriers for Viral Reservoir Targeting of Anti-HIV Drugs' has been implemented under Dr. Malay Kumar Das, Associate Professor and Principal Investigator.

Department of Physics



Professor Naresh Dadhich delivering Centenary Celebrations Lecture.

Centenary Celebration Lectures on General Relativity

The year 1915 is very important in the history of science because in that year Albert Einstein completed the formulation of his General Theory of Relativity. This historic epoch changing event completes 100 years in 2015. On this auspicious occasion the Department organized the Centenary Celebration Lectures on 'General Relativity' during 17-18 March, 2016. Lectures were delivered by Professor Naresh Dadhich, Emeritus Professor, Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune. Professor Dadhich is one of the outstanding General Relativists and Astrophysicists produced by our country. He is one of the main architects of IUCAA's development and was the second Director of this important national institution from the year 2003 to 2009 after internationally acclaimed Astrophysicist and Cosmologist Professor Jayant Vishnu Narlikar had retired as the first Director.

There were three lectures, two technical and one public.

The first technical lecture was delivered on 17 March at 4.00 pm in the Department Gallery on 'Aspect of the Governing Principle in the General Theory of Relativity'. In the second technical lecture delivered on 18 March at 10.30 am in the same venue. Professor Dadhich discussed about some very important Indian contributions in development of General Relativity. In both these lectures Professor Dadhich touched upon many points which are out of context of the standard books on General Relativity. The third and last lecture of Professor Dadhich was public lecture, which was delivered on 18 March at 4.00 pm in the Sri Sri Aniruddhadeva Bhawan auditorium on the Basic Concept of General Relativity in front of a august gathering. The lucid explanation on General Relativity by Professor Dadhich enthralled one and all of the audience of this public lecture. The program was very much successful in the true sense.

Lectures

O Professor Sib Ranjan Misra, Department of Economics, Visva Bharati University, Santiniketan delivered two lectures on 'Emerging Issues of Research Methodology and Political Economy of Development in West Bengal' in the Department of Political Science on 19.02.16.

O Dr. Walter Fernandes, Director, North Eastern Social Research Centre, Guwahati, delivered two lectures on 'Politics of Development and Resources in North East India' on 16.03.16.

Department of Statistics

National Seminar on Recent Trends in Theoretical and Applied Statistics – I

A two-day National Seminar entitled 'Recent Trends in *Theoretical and Applied Statistics – I'* (RTTAS-I) under the UGC SAP DRS-II was organized by the Department of Statistics, during 11-12 March, 2016. The Seminar was inaugurated by Professor Alak Kumar Buragohain, Vice Chancellor. Professor K. K. Singh of Banaras Hindu University, Varanasi, was the Guest of Honour while Professor D. C. Nath, Gauhati University was the Keynote Speaker. The speakers of the inaugural function highlighted the use, misuse and scientific use of Statistics in obtaining correct pictures with suitable examples from the real world. This Inaugural Session was followed by an Invited Talk entitled 'Study of Heterogeneity of Risk of Child Death Using Stochastic Models' delivered by Professor K. K. Singh, BHU, Varanasi. After the Inaugural Session, a special session on 'Students Paper Presentation cum Competition', chaired by Dr. G. L. Srivastav, formerly Professor of Statistics, Dibrugarh University was held with enthusiastic participation of a large number of young students from the Departments and Centres for Studies of the University and from different affiliated Colleges under Dibrugarh University. The two judges for this session were Professor S. Borkotoky, Department of Mathematics, Dibrugarh University and Dr. D. P. Rajkhowa, Director, Directorate of Distance Education, Dibrugarh University. The Best Paper Award was won by Ms. Nitya Jitani, Centre for Computer Studies, Dibrugarh University.

There were five technical sessions held in three different venues during the two day programme of which three technical sessions were held simultaneously on Day 1 and the rest two were held on Day 2.

Apart from these technical sessions, a plenary discussion session on the topic 'Addressing Communication Gaps between Statisticians and Social Scientists' was held at



Inaugural function of the National Seminar on 'Recent Trends in Theoretical and Applied Statistics – I (RTTAS – I)'.

Vishrant, the Conference Hall of the University Guest House on Day 2. This programme was open for all participants and was chaired by Professor S. C. Kakaty of the Department.

Workshop on Basics of Software Development

A three day National Workshop on 'Basics of Software Development' under the UGC SAP DRS-II programme was organized from 29th to 31st March, 2016. The Workshop was inaugurated by Professor Alak Kumar Buragohain, Vice Chancellor. Professor Buragohain in his Inaugural Speech drew the attention of the students to the examples of Bill Gates, Paul Allen and Steve Jobs in ushering in the epoch making changes in Computer Science and Engineering in the early seventies and eighties. He called upon the students to form 'Software Development and Innovation Club' for promoting innovation and creativity amongst the students. Professor Sarat Kakaty of the Department of Statistics reiterated that the culture of Mathematical temper amongst our students can be highly rewarding in terms of innovations in software development.

Earlier Professor Jiten Hazarika, Co-ordinator of



Professor Alak Kumar Buragohain, Vice Chancellor, Dibrugarh University and Professor K. K. Singh, Head of the Department of Statistics, Manipur University with the Statistics fraternity.

the UGC-SAP DRS II programme of the Department explained the purpose of the Workshop. Professor K. K. Singh, Head of the Department of Statistics, Manipur University who attended the inaugural function as the Guest of Honour appreciated the faculty members for organization of the Workshop. Professor Bipin Gogoi, the Head of the Department in his address recalled the early years in the 1980s when the Department began with the first computer languages BASIC and FOTRAN.

There were 35 participants from the various Departments of Dibrugarh University. During the Workshop Ms. Utpala Borgohain, Assistant Professor, Centre for Computer Studies, Dibrugarh University delivered a talk on 'Software Development Methodologies' and Mr. Ujjal Saikia and Mr. Manash Kapil Pathak, Assistant Professors of the same Centre trained the participants with hands-on training in Microsoft Visual Basic 6 Software.

Centre for Studies in Biotechnology

Workshop on Basic Tools and Techniques in Biotechnology and Bioinformatics

A two-day DBT sponsored Workshop on 'Basic Tools and Techniques in Biotechnology and Bioinformatics' was held at the Centre for Studies in Biotechnology on March 21-22, 2016 for undergraduate students. The Workshop was inaugurated by the Vice Chancellor of Dibrugarh University, Professor Alak Kumar Buragohain and he touched on the significance of the subject of Biotechnology in his Inaugural Speech, which merited a very department in the Government of India- dedicated to both the dissemination and application of biotechnology knowledge. A Professor of Biotechnology himself, he then went on to give an idea on the basics of molecular biology, outlining important scientific discoveries with their chronological significance. Professor Buragohain also emphasized on the interdisciplinary nature of research required to solve important scientific problems and urged



Professor Samir Bhattacharya in an Interactive Session after his lecture.

students of varied scientific backgrounds to participate in such workshops. The Inaugural Session was followed by theory and hands-on sessions of both wet-lab and dry-lab biotechnology techniques spread over two days.

The highlight of the Workshop was an Invited Lecture by Professor Samir Bhattacharya, Emeritus Professor, Centre for Advanced Studies in Zoology, Viswa Bharati University, Shantiniketan, Kolkata and INSA National Professor. The topic of his lecture was 'Innovation is the Key to Success in Biotechnology'. Professor Bhattacharya, citing the well-known path-breaking discoveries of Green Fluorescent Protein (GFP) and Acetylcholine, gave a very motivating lecture on the importance of a spirit of genuine curiosity in science which is indispensable for breakthrough scientific discoveries. His articulate lecture was well-attended by participants of the workshop and the

research scholars and the faculty of the Centre, as well as from allied Departments.

Distingushed Visitors

Dr. T. Madhan Mohan, Advisor to the Department of Biotechnology, Ministry of Science & Technology, Govt. of India (DBT) along with Dr K. Sridhar, Pro Vice Chancellor (Medical), SRM University paid a brief visit to the Centre on 30th Dec, 2015 and reviewed the status of the Centre in terms of infrastructure and human resources generated through the utilisation of DBT-sponsored funds especially the Bioinformatic Centre. They professed themselves satisfied with the progress of the Centre and made important suggestions to further enhance the growth of the Centre in the right direction.

Centre for Computer Studies

Workshop on the Use of LaTeX

A three day Workshop on the various versatile aspects of the computer programme on typesetting documents—LaTeX was organised by the Centre for Computer Studies from 4 to 6 January, 2016. Thirty one participants including faculty members and research students from Dibrugarh University and its affiliated colleges and from NEHU, Shillong participated in the Workshop. In his Inaugural Address Professor Alak Kumar Buragohain, Vice Chancellor emphasised on the importance of professional presentation of research findings for acceptance for publication in good journals. He thanked

the organisers for coming up with the Workshop and hoped that such exercises be undertaken more frequently.

Professor Surajit Borkotokey, the Director of the Centre extended a warm welcome earlier while explaining the objective of the Workshop. Professor Gopal Chandra Hazarika, the founder Director of the Centre and Professor Jiten Hazarika, Dean, Students Affairs also addressed the participants in the Inaugural Session. Mr. Rizwan Rehman, Assistant Professor of the Centre offered the vote of thanks

Glimpses of the workshop





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Major Activities

- O The centre organized a three day Workshop on '*Teaching Skills*' from 18 to 20 February 2016.
- O In collaboration with the Centre, Indian Institute of Technology, Guwahati organized a Workshop on 'Outcome

Based Learning for Introduction to Computing' on 27th February, 2016 under Google's CS4HS.

O In the banner of 'Anazori: Guest Lecture Series' the centre invited two industry professionals from Zaloni, Jayanta Borah and Achyut Krishna Hazarika to deliver a talk on 'Big Data and Hadoop' on 29th March, 2016.

Centre for Studies in Geography

Talk on Power of Modern Maps and Its Use in Geographical Studies to Match up the Best in the World

The Centre organized a talk on the topic 'Power of Modern Maps and Its Use in Geographical Studies to Match up

the Best in the World' on 17 November 2015. The talk was delivered by a renowned Geographer Professor Bijay Singh Mipun, Department of Geography, NEHU, Shillong.

Centre for Studies in Journalism and Mass Communication

Distingushed Visitors

The following distinguished persons visited the Centre: O Mr. Chinmoy Thakurta, renowned journalist, associated with *The Statesman*, Kolkata on 02-11-2015.

- O Dr. Joya Chakraborty, Senior Assistant Professor, Department of Mass Communication and Journalism, Tezpur University on 09-03-2016.
- O Mr. Tridip Hazarika, Senior Manager (PR) and Spokesperson, Oil India Limited, Duliajan (Assam) on 15-03-2016.
- O Mr. Iqbal Ahmed, Bureau Chief of *The Sentinel*, Dibrugarh Edition on 16 and 17 March 2016.
- O Professor Mohammad Asim Handdiqui, a Visiting



Mr. Tridip Hazarika interacting with the students.

Scholar in a Fullbright programme at New York University in 2007 on 28-03-2016.

Centre for Studies in Language

Academic Visitors

Professor Boonyasarit, Professor Montri Kunphoommarl and Professor Cuasin Pangar Vut Trakwl of the Naresuan University, Thailand visited the Centre on 04-02-2016 and interacted with Professor Bhim Kanta Boruah, Director

In-Charge of the Centre, other teachers and students of Tai Language and Culture. The visiting academics stressed upon greater academic collaboration between the two Universities.

2015 Edition of sanMilan

The Centre has organized the 2015 edition of *sanMilan* – the Intellectual Convergence on the theme '*Commerce*, *Culture & Connectivity: Bridging NE India with SE Asia*' from 13th to 15th November, 2015 at *Rangghar*.

Workshop on Women Connect for Leadership and Change

Dibrugarh University in association with Rajiv Gandhi National Institute of Youth Development and sponsored by Ministry of Youth Affairs and Sports, Government of India has successfully completed a 6 day Workshop on 'Women Connect for Leadership and Change' from 14th to 19th December, 2015. Thirty One teachers of different colleges and Universities of North East attended the Workshop. The Workshop was coordinated by Professor Ajanta B. Rajkonwar, Director i/c, Centre for Management Studies, Dibrugarh University.

Distinguished Visitors

O Mr. Rajiv Yadav, Secretary, Ministry of Youth Affairs & Sports, Govt. of India delivered a talk on Sustainability to the students of the Centre on 11.02.16.

O Dr. Bhupati Kumar Das, UGC Emeritus Fellow, Ex MD, Bharat Oman Refineries Ltd. & also Ex MD, Numaligarh Refinery Limited delivered a talk to the MBA 4th semester students on 24.02.16 and 25.02.16.

O Ms. Sneha Devi, Alumni of London School of Economics and Political Science, UK delivered a talk on *Organisational Development and Creative Decision Making Process* to the BBA and MBA students on 24.03.16 and 25.03.16.

O Professor Anil Mehta, Head, Department of Business Administration, University of Rajasthan delivered a talk on *'Trends in HR'* to the BBA and MBA students on 14.03.16.

Industry Academia Interface

Mr. Mondip Kumar Tamuly, Director, Zicon Consultants and Management Services, Pune, had an interactive session with the BBA and MBA students and faculty members of the Centre under the '*Industry Academia Interface*' program of the University on 28th of March, 2016. During his interaction with the students, Mr. Tamuly emphasized on the career opportunities in the field of



Professor Alak Kumar Buragohain addressing the audience. Professor A. B. Rajkonwar, Mr. S. K. Baruah, Mr. M. P. Bezbaruah and Prof. M N. Dutta sitting on the dais.

management with global perspective. He shared his twenty five years of industry experience in varied fields as he is also associated with many reputed educational institutes as a visiting faculty amongst which are IIM Ahmedabad, XLRI Jamshedpur, Symbiosis Pune, TISS Mumbai and NITIE Mumbai. He also discussed with the faculty members in various areas of Total Quality Management (TQM), Project Management, Strategic management, Benchmarking and Economic Value Added (EVA).

Under the Industry Academia Interface programme of the University, Mr. Ash Bard, founder and CEO of KRYPTOS and his team addressed the students and faculty of MBA of the Centre for Management Studies and the Department of Commerce, on the topic *I-MADE* (Mobile App Development Ecosystem), the Future of IT in Higher Education through skype mode in the EMRC conference room on 29.03.2016. In association with Telecom Centres of Excellence India (TCOE India), a Public Private Partnership (PPP) initiative of the Department of Telecommunications (DoT), Government of India with support of Venture Capitalists and Ed Tech Review as Media partner. The I-MADE program can substantially relieve the financial pressure from developing a mobile solution for students, faculty and staff. The successful institution recipients will be able to provide their end user's cutting edge apps such as Push Notification, News, Admissions, Directory, Important numbers, Announcement, Datasheet, Courses and more.

An interactive session was held on 31st March, 2016 under the 'Industry Academia Interface' on the topic *Phi Robotics* to facilitate the MBA, Engineering and Petroleum Technology students for developing projects and placement. The Resource Persons for the session were Dr. Pranay

Kishore, Founder Director, Chief Design Architect PHI-Robotics, Mumbai and Mr. Ashwin Agrawal, President, Strategy & Operations, PHI- Education, Mumbai. The session will have interactions, talk show accompanied with demos for students of Engineering and Petroleum

Technology as well as MBA students with engineering background. The objective of these interactions will be to discuss enhancing employability, emphasize upon project based learning, experiential learning and 'learn by doing'.

Dr. Bhupen Hazarika Centre for **Studies in Performing Arts**

Workshops

- O A Workshop on Actor Training was organized under the supervision of Palash Protim Mech, an ex-NSD theatre artist and director, from 11th to 20th November, 2015 for the 3rd Semester students of Theatre Art.
- O A Workshop on Actor Training was organized under the supervision of Bidyawati Phukan, an ex-NSD theatre artist and renowned director, from 21st to 30th November, 2015, for the 3rd Semester students of Theatre Art.
- O A production Workshop sponsored by NSD, New Delhi in collaboration with the Centre was organized from 8th to 27th March, 2016. After successful completion of the Workshop, the students performed the play *Ahar Mahar Edin* by the renowned Indian dramatist Mohan Rakesh, translated by Professor Nirajana Mahanta Bezborah on 26th March, 2016 at *Rangghar* Auditorium of the University.
- O A Workshop on Western Music was conducted under Syed Shadulla, the renowned Radio Artist, Dibrugarh from 3rd to 10th November, 2015.
- A Workshop on Musicology was conducted by Mr. Ritu

Paban Kotoky, a specialist in Musicology and Scholar at Rabindra Bharati University, Kolkata from 7th to 22nd March, 2016.

Distingushed Visitors

- O Professor Saugata Bhaduri from Centre for English Studies at Jawaharlal Nehru University had delivered a talk on 'Popular Culture in Contemporary Times' at the Centre on 11th March, 2016. Focusing on various issues related to popular culture in a globalized scenario, his talk also stressed on the trends of cultural studies in very recent times.
- O Dr. Paramananda Majumdar, a renowned writer and thinker of Assam, had delivered a talk on 'Meaning of Culture in Recent Times' at the Centre on 17th March, 2016. He particularly emphasized on the Assamese context bringing very apt references from Jyoti Prasad Agarwalla, Bishnu Prasad Rabha and Bhupen Hazarika, and explained the academic responsibility of the Centre for safeguard of the exactly Assamese essence in a global scenario.

Centre for Studies in Philosophy



World Philosophy Day

The World Philosophy Day was observed in the University on 18 November, 2016. A special event organised by the Centre for Studies in Philosophy on the occasion was largely attended by the students, scholars and faculty members of the University. Professor Karabi Deka Hazarika, Dean, School of Humanities and Social Sciences inaugurated the event. Professor Nirmalya Narayan Chakraborty of Rabindra Bharati University, Kolkata presented a special oration on 'Ethics of Globalisation'. Professor Nagen Saikia, a former Professor of the University and an eminent

litterateur in his address highlighted the importance of observing the World Philosophy Day. Earlier, Professor Nava Kr. Handique, Directior in Charge of the Centre extended a warm welcome to the august gathering.

Academic Visitors

O Dr. V. Prabhu, IIT Guwahati, presented special

discourses on Metaphysics, Indian Epistemology and on Philosophy as a tool for Critical Thinking to the students and scholars of the Centre during 6-18 March, 2016.

O Professor Manisha Barua, Gauhati University, delivered special lectures to the Masters and PhD students of the Centre on *Indian Philosophy and Philosophy of Religion* during 27 March-3 April, 2016.

Centre for Social Work Studies



Celebration of Children's Day in Moran Blind School, Moran

Celebration of Children's Day

The students of MSW (1st and 2nd year) along with their faculty members of Centre for Social Work Studies intended to celebrate Children's Day in Moran Blind School, Moran. The MSW students chalked out diverse activities to make the event a successful one. The Principal of the Moran Blind School inaugurated the program with a compelling speech on Pt. Jawaharlal Nehru's life and his work. Soon after the formal session, the MSW students started with their planned agenda. Competitions on singing and poem recitation and extempore speech were conducted. The students from the blind school participated enthusiastically. The program ended with a prize distribution, lunch and small interactive session with the visually impaired children and the staff of the school. There were almost 200 people who participated in the program. The significance of celebrating Children's Day in a blind school was to appreciate the determination of the visually impaired children and to motivate them for a noble cause. The MSW students were also accumulated with the knowledge about the life of those children and their hardships which will help them to explore better possibilities to work with them in future.

Field Visit Cum Study Tour Programme in Meghalaya

Towards the end of the 3rd semester, a study tour was planned by Centre for the students. The tour was strategized to Meghalaya. There were two numbers the faculty and 23 students of MSW 3rd semester who went to study tour cum field visit in Meghalaya for seven days from 2/1/2016 to 9/1/2016. The group of students along with the teachers visited some of the reputed social service organizations

The Field Visit cum Study Tour Team.



such as North East Network, Sanker Rehabilitation Centre, Bethany Society and two villages namely Mawlinnong, the cleanest village in Asia and Rewai, a clean village situated at East Khasi hills district of Meghalaya. Apart from this the tour group also visited NEHU, St. Edmund college etc. The students were benefitted largely as they enhanced their knowledge by exposing themselves into the real life situations of Meghalaya (communities) and issues pertaining to it.

Distingushed Visitors

The following distinguished Visitors delivered lectures to and interacted with the students, scholars and faculty members of the Centre:

- O Professor P. K. Bhowmik, IIT, Kharagpur.
- O Professor G. Ram, Assam University, Silchar.
- O Professor Gopal Ji Mishra, Professor and Dean, Assam University, Silchar.
- O Professor M. Hussain, Rajib Gandhi University, Itanagar.

Centre for Tea and Agro Studies

Workshop for Small Tea Grower

The Centre for Tea and Agro Studies of Dibrugarh University has organized the Fifth One Day Workshop for Small Tea Growers on 6th February, 2016. Forty Small Tea Growers from the districts of Dibrugarh and Tinsukia have attended the Workshop sponsored by the Joonktollee Tea and Industries Limited. The Workshop was inaugurated by Professor M. N. Dutta, Registrar, Dibrugarh University and Professor P. K. Borua, Director in charge of the Centre welcomed the participants at the beginning of the Workshop.

The day long Workshop was conducted by Mr. Prafulla Bordoloi, Senior Tea Consultant of Dibrugarh, Mr. Siddhartha Sharma, Senior General Manager of J. Thomas Company and Ms.Aditi Smith Gogoi, Assistant Professor, AAU, Jorhat as resource persons discussing respectively the topics 'Safe and judicious application of agricultural inputs in tea cultivation', 'Quality and



Professor P. K. Borua welcomes the guests.

Productivity Management' and 'Planting methods and young tea management' separately in three sessions. At the end of the Workshop Certificate of Participation were distributed to the participants.

Centre for Women's Studies

Lectures and Interactive Sessions

The Centre for Women's Studies has been holding various lectures and interactive sessions with the distinguished persons from the different backgrounds. The Centre organized a lecture and an interactive session with Dr. Anima Guha and Sudakshina Sarma on 9th December, 2015. The session was inauguration by Professor Karabi Deka Hazarika, Dean, School of Humanities and Social Sciences. Dr. Anima Guha spoke on 'Narir Bibhinna Samasyar Eti Alochana Aaru Taar Pratikarar Sandhanat'

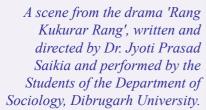
and discussed on various social evils that impacts and impedes women's life like dowry, domestic violence, abduction. Sudakshina Sarma, a noted singer of Assam, along with Rishiraj Sarma, mesmerized the audience with their soulful melodies and spoke on various issues that have contributed to strengthening of gender stereotyping in our society.

The Centre also held an interactive session on Gender Auditing with the Honourable Vice Chancellor, Dibrugarh University and faculty members of the various Departments of Dibrugarh University on 9th December, 2015. Based on the discussion, the Centre prepared and submitted a draft proposal on Gender Auditing to the Vice Chancellor, Dibrugarh University

The students and faculty members of the Centre along with Dr. Birubala Rabha and her team participated in the event organized by *Ilora Vigyan Moncho* on the occasion of 181st Birth Anniversary of Pandit Hemchandra

Baruah on the theme 'Superstitions and Evil Practices' in association with other organizations at DHSK College on 10th December, 2015. The theme of the event was to protest against superstitions and ill-practices, particularly, those around women with a special focus on witch hunting.

On 4th February, 2016 a discussion on '*Story telling as a Methodology in Social Science Research*' was initiated by Adjunct Professor Brenda Beck, University of Toronto at the Centre.







A scene from the drama 'Baan' performed by the students of Dibrugarh University and written and directed by Sri Pranjal Buragohain, Assistant Professor, Department of Education, Dibrugarh University.

ACHIEVEMENTS

Achievements of the Members of Faculty

- O Dr. Tapos Kumar Goswami of the Department of Applied Geology was invited as a Guest Lecturer to Institute of Tibetan Plateau Research, Chinese Academy of Sciences, Beijing, China. Dr. Goswami visited the Institute from December 5 to 14, 2016 and delivered a talk on 'Eastern Himalaya and Indo-Myanmar Ranges'. Dr. Goswami also visited the Institute of Geology and Geophysics in Beijing. He witnessed the advanced research facilities in the ultraclean laboratories of both the Institutes. An MoU has been signed between Dibrugarh University and Key Laboratory of Continental Collision and Plateau Uplift (LCPU), Chinese Academy of Sciences (CAS), Beijing, China. As per the MoU, Department of Applied Geology, DU, Assam, India and LCPU-CAS, Beijing, China will do joint research on Eastern Himalaya and Indo-Myanmar Ranges.
- O Professor R. K. Sarmah and Dr. T. K. Goswami of the Department of Applied Geology were invited as experts in Arunachal Himalaya in the Brain Storming Session (BSS) on 35th International Geological Congress (35th IGC) organized by Geological Survey of India, NE Region, Shillong during 29-30 January, 2016. In the BSS, Dr. T. K. Goswami delivered a talk on 'Showcasing the Geology of Arunachal Himalaya through Field Trip during IGC 2020' which will be held in India. Professor R. K. Sarmah chaired the session for finalisation of the field trips in NE India during IGC 2020.
- O Dr. Devojit Bezbaruah of the Department of Applied Geology presented a paper on 'Disang Shale: an Experimental Study' in the International Shale Gas and Oil Workshop Organised by Directorate General of Hydrocarbon Ministry of Petroleum and Natural Gas, Govt. of India, during 28-29 January, 2016.
- O Dr. Nasmeem F Akhtar and Dr. Meena Sharma of the Department of English attended the Conference of South Asian Literary Association (SALA) 2016 in Austin, Texas from 4th to 6th January 2016. Dr. Akhtar presented a paper titled 'Personalising the Public: Reading Jhumpa Lahiri's *The Lowland*' while the paper presented by Dr. Meena Sharma was titled 'Speaking for the 'Other': In/

- Auntheticity of Representation: A Study of Kiran Desai's *The Inheritance of Loss*'. South Asian Literary Association endeavours to advance the knowledge and study of South Asian literatures arts and cultures, promote and disseminate an understanding of diasporic writing among scholars across different parts of the world. The theme of SALA's 2016 Conference was '*Cultural Practices in the South Asian Public Sphere*' and it was held at Wyndham Gardens Hotel, Austin Texas.
- O Professor (Mrs.) Subrata Borgohain Gogoi, Department of Petroleum Technology, Dibrugarh University was invited as a speaker in the technical session, 'Fossil Fuel Energy II (ENR04)', to present on the theme, 'A New EOR Technique for the Depleting Oil Fields of Upper Assam Basin', at the 65th Annual Meeting of the Canadian Society for Chemical Engineering on October 4-7, 2015, held in Calgary, Canada. Professor Borgohain Gogoi, Indian Project Director with Professor Fathi Boukadi, US Project Director working on the work plan of the Indo-US 21st Century Knowledge Initiative Programme Project 2015 entitled, 'Foam-assisted CO, Flooding for the Depleted Reservoirs of Upper Assam Basin and in Candidate Reservoirs in Louisiana', in the University of Louisiana at Lafayette, Lafayette, Louisiana, USA. Professor Borgohain was in Louisiana, USA in the month of October, 2015.
- O Dr. Umananda Dev Goswami, Department of Physics, delivered an invited talk in a National Seminar on '100 Years of General Relativity', organized by the Department of Physics, Manipur University, Imphal, India during December 21-22, 2015.
- O Professor S. Chakraborty, Department of Statistics represented Dibrugarh University as a Panelist in the Plenary Session of CEFIPRA's 'Outreach Programme' organized by the Indo-French Centre for the Promotion of Advanced Research at Institute of Advanced Stuidies in Science and Technology (IASST) on 24th July, 2015. Professor Chakraborty organized a session on 'New Probability Distributions and their Applications' at the International Conference on Statistics for Twenty-











Dr. Meena Sharma

Professor S. Chakraborty

Mr. Subrata Sinha

Debajit Borah

First Century (ICSTC), Department of Statistics, Kerala University, Trivandrum, Kerela during 17-19, December, 2015. He also delivered an invited talk in the conference. Professor Chakraborty also presented a paper in the 24th international conference on 'Interdisciplinary Mathematical and Statistical Techniques (IMST 2015-FIM XXIV)' held at the University of Barcelona, Spain, during November 18-20, 2015. Professor Chakraborty presented a paper in the International Conference on Applied Statistics 2015 (ICAS2015), Pattaya, Thailand, during 15-17 July, 2015 with International Travel Support of Science and Engineering Research Board (SERB), Department of Science and Technology (DST), Govt. of India. He was Keynote Speaker in a Plenary Session of the National Conference on 'Recent Trends in Mathematics and Its Applications' (RTMA-2015) at Rajiv Gandhi University, Doi Mukh, Arunachal Pradesh, India, 6-7 November, 2015. He also chaired a technical session of the National Conference on 'Recent Trends in Mathematics and Its Applications' (RTMA-2015) at Rajiv Gandhi University, Doi Mukh, Arunachal Pradesh, India, 6-7 November, 2015.

- O Professor Bipin Gogoi, Department of Statistics acted as a Resource Person in an international conference on 'Statistics and Related Areas for Equity, Sustainability and Development (SRAESD)' at Lucknow University during 28-30 November, 2015.
- O Mr. Subrata Sinha, Assistant Professor, Center for Bioinformatics Studies bagged the prestigious IEEE-Elsevier Best Paper Award for his paper 'Development of a Java Library for Protein Stability and Disorder' in the 4th International Conference on Eco-Friendly Computing and Communication Systems on 7-8 December, 2015 at the NIT Kurukshetra, Haryana. Mr. Subrata Sinha was felicitated by the Vice Chancellor of the University for his achievement on the auspicious occasion of the National Science Day along with other awardees and achievers of the University.

- O Debajit Borah, Assistant Professor, Centre for Studies in Biotechnology has been awarded 'the IRES Excellent Paper Award' for oral presentation entitled 'Garcinia pedunculata Roxb. mediated Palladium nanoparticle shows anti-efflux activities against a novel multidrug resistant clinical isolate' in the 25th International Conferences on 'Engineering and Natural Sciences' held in Pattaya, Thailand on 31st January, 2016. He was also awarded the Centre for International Co-operation in Science (CICS) International Travel Fellowship for attending International Conference in Pattaya, Thailand. He was felicitated during the National Science Day at Dibrugarh University for the same.
- O Shukla Acharjee, Center for Studies in Geography was invited to the NASA International Land Cover/Land Use Changes (LC/LUC) Regional Science Team Meeting in South and Southeast Asia, Yangon, Myanmar (Burma).
- O Mr. Jadab Borah, Assistant Professor, Dr Bhupen Hazarika Centre for Studies in Performing Arts performed the character of Rama in the Bhaona *Ram Vijay* in New Delhi on the occasion of World Book Fare on 9th January, 2016 organized by National Book Trust, Govt. of India. Mr. Borah also performed as a *Gayan* in the Bhaona *Keli Gopal* on 22nd March, 2016 on the occasion of *Ankiya Bhaona Samaroh* organized by *Sattriya Kendra*, Guwahati, and Sangeet Natak Academy, New Delhi.
- O Mr. Mrinal Kr. Baruah, Assistant Professor, Dr Bhupen Hazarika Centre for Studies in Performing Arts received the prestigious *Kundil Ratna Vaishnab Pandit* Sonaram Chutia Youth Award, on 17th January, 2016.
- O Professor Daisy Bora Talukdar, the Director of the Centre for Women's Studies visited SIRD, Meghalaya as a resource person for a workshop on Gender Budgeting on 16th march, 2016 as well as in the Sensitization Programme on Gender Budgeting held at Meghalaya Administration Training Institute, Shillong.

Achievements of the Students

- **O Pankaj Boruah** (3rd Sem., M.Tech., Department of Petroleum Technology) receiving the ONGC-IGU Best Poster Award (Student) in special category at the 52nd Annual Convention of Indian Geophysical Union from 3 to 5 November, 2015 in Goa. The poster was authored by Pankaj Boruah, Miranda Kakoty (JRF of the Indo-US project), W. M. Alakhdar (PhD student) and Professor Subrata Borgohain Gogoi.
- O Arshini Saikia, Centre for Atmospheric Studies has received the PhD student fellowship from the '*International Centre for Integrated Mountain Development (ICIMOD)*', Kathmandu, Nepal for a period of one year.
- O Tamanna Subba, SRF, Centre for Atmospheric Studies participated in the 'European Research Course on Atmosphere' held at the Joseph Fourier University, Grenoble, France, in January-February 2016. She also received the Best Oral paper award in the Nineteenth National Space Science Symposium held during 9-12 February 2016 at Vikram Sarabhai Space Centre, Trivandrum.
- O Geetashree Kakoti, JRF, Centre for Atmospheric Studies received the Best Poster paper award in the Nineteenth National Space Science Symposium held during 9-12 February 2016 at Vikram Sarabhai Space Centre, Trivandrum.
- O Mr. Devokanta Pegu and Ms. Surovi Saikia, Centre for Bioinformatics Studies received UGC Fellowship for higher education for pursuing Ph.D in Bioinformatics.
- O Mr. Hemchandra Deka, Centre for Bioinformatics Studies, joined Indian Institute of Technology, Guwahati as an Assistant Project Scientist and Mr. Deep Jyoti Das, Centre for Studies in Bioinformatics Studies, joined Gauhati University in a research position in a cancer project.
- O Six students— Ms. Pragya Tailor, Ms. Monalisha Boruah, Ms. Parismita Borah, Ms. Sima Kumari Dutta, Ms. Amreen Fatima and Ms. Tanaya Chowdhury— from the Centre for Studies in Biotechnolgy were selected for DBT Sponsored 'Development and Hands on Training Quality Control of Biologicals' at National Institute of Biologicals, Noida for a period of one month.
- O Nitya Jitani, Centre for Computer Studies secured first position in the paper presentation competition on Analysis

- of Duck-worth Lewis method using probabilistic approach organized by the Department of Statistics, Dibrugarh University, under the event 'National Seminar in recent trends Statistics-RTTAS II'. She also secured first position in 'Cloud Computing' workshop at Dibrugarh university organized by 'Robo Edu tech India Pvt. Ltd.' in association with Wissenaire IIT Bhubaneswar.
- O Mr. Ankur Sonar, Centre for Studies in Geography in recognition of his being a part of the Group whose paper on 'Trade Relations between NE India and SE Asia' was selected as the Best Paper in Agni the paper presentation competition held on 14th November 2015 as a part of 2015 Editon of 'Sanmilan— Meeting of Minds' organized by CMS, Dibrugarh University.
- O A team of selected students of the Dr Bhupen Hazarika Centre for Studies in Performing Arts, representing Dibrugarh University, participated in the 31st Inter University East-Zone Youth Festival (Brahmaputra Mahotsav), 2016 held at Tezpur University, Tezpur from 3rd to 7th January, 2016, where the following awards were received:
- Best Team in One Act Play.
- 2nd Prize in Classical Dance (Solo) by **Kaushik Kr. Handique**.

A team of selected students of the Centre, representing Dibrugarh University, also participated in the 31st Inter University National Youth Festival (*Yuva Shatha Sambhrama*), 2016 held at Mysore University, Mysore from 15th to 19th February, 2016 and the following awards were received:

- 1st Prize in Classical Dance (Solo) by **Kaushik Kr. Handique**.
- 3rd Position in Cultural Procession Competition.

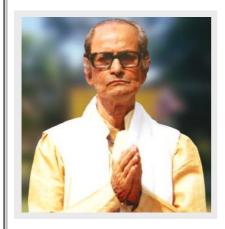
A team of selected students of the Centre, under the direction of Ms. Ruplekha Borbora Das, performed in an invited Cultural programme of *Sangeet Nritya Samaroh* from 27th to 29th February, 2016 in Gangtok, organized by Sangeet Natak Akademi North-East Centre, Guwahati in collaboration with Cultural Affairs and Heritage Department, Govt. of Sikkim.

OBITUARY

Professor Kesavananda Dev Goswami

- A Tribute

Dr. Ananda Bormudoi



Professor Kesavananda Dev Goswami, formerly Professor of Assamese and a noted *Vaisnavite* Scholar, passed away on February 4, 2016. The demise of the scholar was indeed a great loss to Assamese culture and literature as Professor Dev Goswami actively engaged himself in cultural activities even after his retirement. He was born on February 9, 1930 at Balisattra of Nagaon District of Assam. Born and brought up in a *Sattra*, Goswami was attracted by *Vaisnavism* and he did extensive study and research on *Vaisnavism* in Assam. He did his PhD on 'History and Development of the *Purusa Samhati Sect* of Assam *Vaisnavism*'. Through research and research guidance he significantly contributed to the study of Sankaradeva and the *Vaisnavism* movement in Assam.

Kesavananda Dev Goswami, the man, was always smiling, friendly and unassuming. Everybody cheered up in his company. The man who engaged himself in serious research was also capable of writing humorous pieces in lighter vein. He had penetrating insight into the *Vaisnava* literature of Assam and he could explain and interpret the books authored by the great masters like Sankaradev and Madhabadeva with fresh insights to invite attention of the modern readers. He edited a large number of texts of the *Vaisnava* authors and translated a few ancient texts into Assamese. He has also translated from Punjabi to Assamese. He did his best to popularise *Sattriya* dance, Bargeet and *Bhaona* inside and outside the state. We remember him with love and respect.+++



Purno Agitok Sangma

- Adieu to an Illustrious Alumni

Obja Borah Hazarika

Purno Agitok Sangma, born in a remote village of Chapathi, West Garo Hills, breathed his last on March 04, 2016. P. A Sangma rose to great heights in life despite humble beginnings. Born into a poor family and having lost his father at the young age of 11, Sangma had to drop out of school and graze household cattle to make ends meet. Missionary fathers of Shillong rescued Sangma and sponsored his studies. Sangma went on to pursue a Bachelor of Arts degree from St Anthony's College, Shillong and subsequently completed his Master of Arts degree in Political Science from Dibrugarh University. He was also associated with the missionaries of Don Bosco School. Dibrugarh, where he did a brief stint as a teacher. Simultaneously he obtained an LLB degree.

Sangma donned several hats, each with panache, in his lifetime. Apart from teaching, Sangma also briefly worked as a journalist and a lawyer before joining politics. He joined politics at a young age, the Congress party appointing him its Vice-President of the Youth Congress in 1973. He went on to assume the august position of Chief Minister of Meghalaya from 1988 to 1990 and served as the Leader

of the Opposition in the Assembly from 1990 to 1991. Sangma's political career was rather illustrious and successful. He was elected nine times as Member of the Lok Sabha. First under Indira Gandhi and then under Rajiv Gandhi he was Minister of States for Industries, Commerce, Coal and Labour for over 12 years. In 1995 he was made a Cabinet Minister for Information & Broadcasting by the then Prime Minister Narasimha Rao.

He was a vanguard of politics in a multifaceted manner as can be gauged from the fact that in 1996, Sangma was elected as the Lok Sabha Speaker by the Vajpayee (BJP) Government making him the first unanimously elected Speaker, the first from the Opposition to be a Speaker, the first from the Scheduled Tribe and the Christian community to be the Lok Sabha Speaker and the first tribal Cabinet Central Minister. His contributions in politics were manifold; not least of all was the formation of a committee on Ethics and Standards in Public Life by him while he was the Speaker. He played a pioneering role in the formation of a Standing Joint Parliamentary Committee on Empowerment of Women and a Joint Parliamentary Committee to study the Constitution (81st Amendment) Bill, 1996 that required 33 per cent reservation for women in the Lok Sabha and the state legislative assemblies.

Sangma's political career was riddled with crests and troughs, all of which he managed to navigate with aplomb. Sangma, along with Sharad Pawar and Tariq Anwar co-found the Nationalist Congress Party (NCP) which he left in 2004. He then joined the Trinamool Congress. He rejoined the NCP once again only to later renounce his affiliation. In 2012 he made a bid for the post of President of India. He then launched the National People's Party (NPP) in January 2013 and decided to align with the BJP led National Democratic Alliance (NDA). His sons Conrad Sangma, James Sangma, and daughter Agatha Sangma, followed in their father's footsteps and entered politics.

With untold laurels P.A. Sangma had many feathers in his cap and was a rare statesman of our times. At Dibrugarh University, his *alma mater*, we salute one of our most illustrious sons for serving his country and people in a most diligent, exemplary and inspirational manner.+++

"na jayate mriyate va kadachin nayam bhutva bhavita va na bhuyah ajo nityah sasvato yam purano na hanyate hanyamane sarire"

—Chapter II, Verse 20, Bhagvat Gita

We pay our sincere homage to...



Thaneswar Gogoi
Date of Joining: 12.10.1989
Date of Birth: 11.03.1957
Date of Death: 19.12.2015
Designation: Chowkider



Brojen Gogoi
Date of Joining: 01.04.2013
Date of Birth: 10.09.1982
Date of Death: 20.12.2015
Designation: Chowkider

Bhumeswar JaishiDate of Death : 14.03.2016
Designation: Chowkider

Phudena Bhagat
Date of Joining: 25.03.1965
Date of Birth: 16.03.1965
Date of Death: 15.03.2016
Designation: Gardener

ADMINISTRATION

Superannuated Members of Faculty

- O Professor H. Nr. Dutta Department of Statistics
- O Professor Aradhana Dutta Department of Chemistry
- O Dr. (Mrs.) Deepanjan Dutta Das Department of Anthropology
- O Dr. Nikunjalata Dutta
 Department of Political Science
- O Dr. K. K. Borgohain
 Department of Education

Superannuated Officers

- O Dilip Kumar Sarmah Section Officer
- O Pulin Chandra Baruah Section Officer

New Appointment (Regular)

- O Ms. Ankita Borbora
 Department of Economics (on 12.10.2015)
- O Ms. Arindita Goswami
 Department of Anthropology (on 05.10.2015)
- O Dr. Hans Raj Bhatt
 Department of Pharmaceutical Sciences (on 01.02.2016)
- O Dr. Abu Talat Tahir Mostako
 Department of Physics (on 15.10.2015)

New Appointment (Contractual)

- O Ms. Smriti Rekha Phukan Department of Education (on 03.03.2016)
- O Mr. Amir Barhoi
 Department of Mathematics (on 19.02.2016)
- O Ms. Malobika Borah
 Department of Applied Geology (on 19.11.2015)

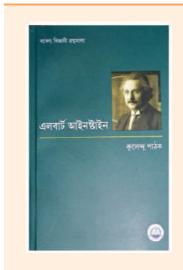
- O Ms. Nilakshi Das
 Department of Political Science (on 22.02.2016)
- O Ms. Nandita Barman CLISS (on 03.03.2016)
- O Ms. Rashmi Rekha Buragohain CLISS (on 04.11.2015)
- O Mr. Vishwa Jyoti Baruah
 Centre for Studies in Bioinformatics (on 02.02.2016)
- O Ms. Purabi Borah Directorate of Distance Education (on 25.01.2016)
- O Ms. Binny Borkha Boruah
 Centre for Studies in Behavioural Science (on 04.02.2016)
- O Ms. Shabnam Yesmin
 Centre for Studies in Behavioural Science (on 05.02.2016)

New Appointment (Officer)

- O Mr. Gunadeep Chetia Programmer (on 05.10.2015)
- O Dr. Deba Pallav Rajkhowa
 Director, Directorate of Distance Education (on 26.11.2015)

BOOK REVIEW

Four New Books from the Publication Division









The Publication Division of Dibrugarh University has brought out a number of books from the two series titled 'Men of Letters' and 'Men of Science'. The latest addition to the Men of Science series is the book titled Albert Einstein authored by Kulendu Pathak, an educationist and scientist, known for his science writings which have gone a long way to popularize science in the state. He had been the Vice Chancellor of Dibrugarh University from 2002 to 2008. The book has been planned in such a way that an average reader learns from it all that he needs to know about the life and works of the great German-American physicist and mathematician. The author discusses interesting episodes and great achievements of the scientist who revolutionized twentieth century physics and ushered in the atomic age, in a way that can sustain the curiosity and interest in young readers regarding the relativity, quantum theory and the like. Einstein in time line, the bibliography and some quotes in the appendix, as a source of additional information, have been of immense help to the readers.

The three books of the *Men of Letters* series published recently are on three eminent writers who have enriched Assamese language, culture and literature with their most outstanding contributions. Of these three, the one on Krishnakanta Handiqui, the great Sanskrit

scholar and Orientalist is authored by Ashok Kumar Goswami, a Sanskrit scholar and writer. The book titled Krinshnakanta Handiqui covers the life and works of the eminent writer. It contains an assessment of Handiqui as a writer, a discussion on the distinctive features of his style, an examination of the backdrop to his writings, his originality, attitude to life, his personality and relevance of his writings today. Discussing the scholar's life in brief, the author underscores the importance of the three major works of Handiquie—Naisadhcharita of Shriharsha, Yasastilaka and Indian Culture and Pravarasena's Setubandha. The readers get all necessary information about the works of Handiqui. The readers will also see how methodically the great scholar worked. Professor Ashok Kumar Goswami has tried to simplify for his readers things originally intended for a scholarly audience.

Another addition to the *Men of Letters* series is *Banikanta Kakati* authored by Anuradha Sharma. The book is an assessment of the life and works of Banikanta Kakati, an eminent sholar and a critic. The writer has discussed the complete works of Dr Kakati with a thrust on his works like *Assamese*, *Its Formation and Development*, *Aspects of Early Assamese Literature*, *The Mother Goddess Kamakhya* and *Life and Teachings of*

Sankaradeva. Banikanta Kakati set an example for all scholars through his sustained research and perseverance. His work culture enabled him to rise into eminence and that remains a lesson of his life. The author of the book on Banikanta has shown how the eminent scholar created and environment of healthy research and investigation in the state. Dr Kakati played a leading role in the study of culture and society and he systematized Assamese literary criticism. The book contains information of all aspects of Dr Kakati's works. Dr Anuradha Sharma's style is such that the readers can read the book with pleasure and profit.

The book titled *Syed Abdul Malik* in the *Men of Letters* series is written by Mamoni Gogoi Borgohain. The book written on the life and works of Abdul Malik contains an assessment of the literary creations, his attitude to life and his personality, novelty of his thought, his art

of the narrative and aesthetic and intellectual aspects of his works. The biographical aspect of the book traces the growth of the artist in Malik and underscores the influence on him in the formative period of his life. Malik was a prolific writer with a large number of books to his credit and Dr Mamoni Gogoi Borgohain has commented on the varied subjects and themes in those books. Malik's political career and simple social life have also invited attention of the writer. Malik, the writer as well as Malik, the man was equally popular and Dr Borgohain has duly emphasized these two aspects of his personality.

The reception of the books published by the Publication Division of the University has been satisfactory. The books are authored by well known writers with commitment to the target audience.+++

By Dr Ananda Bormudoi



A moment of the 'Mitabhash-Divas Lecture' which was jointly organised by Saraswata Nyas Parishad and Department of Assamese, Dibrugarh University to celebrate 78th Birth Day of Professor Nagen Saikia. From left Sjt Jiten Hazarika, Professor Alak Kumar Buragohain, Vice Chancellor, Dibrugarh University, Professor K. K. Deka, Formerly Vice Chancellor, Dibrugarh University and Professor Nagen Saikia, Formerly Chair Professor, Bezbaroa Chair, Dibrugarh University, on the Stage.

RESEARCH PUBLICATIONS

School of Humanities and Social Sciences

Bezborah, Nirajana Mahanta (2015): Premchand and Rajanikanta Bordoloi, *Anviksha*, Vol-2, ISSN: 12348-067x.

Bora, Jayanta Kumar (2015): Binsa Shatikar Pratharmardhar Asomiya Upanyasar Gati-Prakriti, *Anviksha*, Vol-2, ISSN: 12348-067x.

Bora, Jayanta Kumar (2015): Asomiya Jivani-Sahitya Aru Munin Borkakotir *Brishmita Byatikaram, Manoratha: Desire of Mind*, ISSN: 978-81-92779-9-1.

Bora, Jayanta Kumar (2015): Ekabinsa Shatikar Prathamardhakar Asomiya Bhraman-Sahitya, *Pertinent Perspectives: A Bouquet of Diverse Thoughts*, ISSN: 978-81-7213-252-1.

Bora, Jayanta Kumar (2015): *Homen Borgohainr Upanyasar Shilpa-Boibhava*, Assam Publishing Company, Panbazar, ISBN: 978-81-86384-86-2.

Bora, Jayanta Kumar (2015): *Birendra Kumar Bhattacaryyar Golpa Sahitya Aru Anyanya*, Kaustubh Prakashan, Dibrugarh, ISBN: 978-93-82283-16-4.

Bora, Pranjit (2015): Folkloric Materials in the Early Poetry of Anna Akhmatova, *Anviksha*, Vol-2, ISSN: 12348-067x.

Bora, Pranjit (2015): Sameer Tantir Kabita, *Gariyoshi*, ISSN: 2349-5324.

Bora, Pranjit (2015): Nalineedhar Bhattacharyyar Kabita, *Prakash*, ISSN: 2279-0683.

Bora, Pranjit (2016): Apurba Sarmar Galpa: Eti Toka, *Gariyoshi*, ISSN: 2349-5324.

Bora, **Pranjit** (2016): Devakanta Baruar Kabita, *Prakash*, ISSN: 2279-0683.

Bora, Pranjit (2016): Nirod Choudhuryr Upanyas, *Satsaree*, ISSN: 2319-8893.

Bora, **Pranjit**: Hem Baruar Kabita: Eti Anusandhan, *Hem Baruar Kabita Bichar*, ISSN: 978-93-81859-34-6.

Borbora, J. and **Borbora, S. V.** (2015): Urban Migrant Tribal Dweller: Problems, Continuity, and Change, *Gender Identity and Multiple Marginalities* (Edited by Professor Iswal Modi), Rawat Publication, New Delhi, ISBN: 978-81-316-0667-4.

Borthakur, Satyakam (2015): Unabinsha Shatikar Sess Aru Binssa Shatikar Prathamardhar Asamiya Anubad Natak: Eti Alochana, *Anviksha*, Vol-2, ISSN: 12348-067x.

Choudhury, Subasana Mahanta (2015): Lyrics of Dr. Bhupen Hazarika: A Thematic Study, *Language in India*, Vol. 15. ISSN 1930-2940.

Hazarika, Obja Borah (Co-authored) (2015): India's Conceptualization of Neighbourhood, *Political Discourse*, Vol I, No I, New Delhi, India, ISSN:2395-2229. P. 19-32.

Hazarika, Obja Borah (2015): India-US Relations under Modi and Obama: Caveat Riddled Convergences, *Indian Foreign Affairs Journal*, New Delhi, India, ISSN: 0973-3248, 10(2).

Hazarika, Obja Borah (Co-authored) (2015): Contrasting ASEAN and Chinese Responses to India's Look East Policy: Inventing South-East Asia as a Strategic Arena, *Journal of International Relations*, The Jadavpur Association of International Relations, West Bengal, India, ISSN: 2348-7496. 2(2).

Hazarika, Obja Borah (2015): Riparian Relations between India and China: Exploring Interactions on Transboundary Rivers, *International Journal of China Studies*, Malaysia, 6(1), ISSN 2180-3250, p-63-83.

Kalita, Kirtinath (2015): Need of Value Education and a Teacher's Role, *International Journal of Social Science and Humanities Research*, Vol. 3, Issue 4, pp. 566-571, ISSN: 2348-3156.

Konwar, Arpana (2015): Karbi Adhunik Jivanat Lokakathar Sangrahan, *Anviksha*, Vol-2, ISSN: 12348-067x.

Konwar, Arpana (2015): *Asomiya Bhashar Chintan*, Banalata, ISBN: 81-7339-339-8.

Konwar, Arpana (2015): *Bhasha Vijnanar Upakramanika*, Banalata, ISBN: 81-7339-339-7.

Konwar, Arpana (2016): Numerical System of the Tibeto-Burman Languages of Assam, *Dravidian Llinguistics*, ISSN: 0378-2482.

Mahanta, Smita Rani Sharma and Mahanta, Amarjyoti (2016): Attitude toward Work Participation of the Urban

Females: A Study in Dibrugarh District of Assam, *European Academic Research Journal*, Vol.iii, Issue 10, Impact Factor: 3.4546, http://euacademic.org/uploadArticle/2202.pdf.

Pandey, P. K. (2016): Efficacy of Insurance Grievance Redressal Mechanism with Special Reference to Insurance Ombudsman: Legal Aspects, *The Journal of Insurance Institute of India*, Vol. III Issue III, p60-69.

Pandey, P. K. (2015): Adjudication of Patent Disputes

through Commercial Courts System: A Legal Study, *Working of Patents: Law and Pharmaceutical Implications*, New Delhi, Mewar University Press.

Sharma, Priyanka (2015): Issues of Ethnicity, Homeland and Democratic Politics in North East India (Book Chapter), Frontier States—Essays on Democracy, Society and Security in North East India, Edited by A. Sarmah and S. Konwer, DVS Publications, Guwahati, ISBN 978-81-86307-94-6.

School of Science and Engineering

Ali, Tazid and Akhtar, Adil (2015): Networks in Amino Acids Based on Mutation, *Studies in Microeconomics* (SAGE), ISSN: 2321-0222, Vol. 3, No. 2.

Ali, Tazid, Akhtar, Adil and Gohain, Nisha (2016): Analysis of Amino Acids Network Based on Distance Matrix, *Physical A*. (Elsevier), Vol. 452, ISSN No. 0378-4371, pp. 69-78.

Bhat, Hans Raj, Singh, Udaya Pratap, Thakur, Anjali, **Ghosh, Surajit Kumar**, Gogoi, Kabita, Prakash, Anil, Singh and Ramendra, K. (2015): Synthesis, antimalarial activity and molecular docking of hybrid 4-aminoquinoline-1,3,5-triazine derivatives, *Experimental Parasitology*, 157: 59-67, ISSN 0014-4894.

Srivastava, J. K., Awatade, N. T., **Bhat, H. R.**, Kmit, A., Mendes, K., Ramos, M., Amaral, M. D., Singh, U. P. (2015): Pharmacological evaluation of hybrid thiazolidin-4-one-1,3,5-triazines for NF-κB, biofilm and CFTR activity, *RSC Adv.*, 5, 88710-88718. ISSN: 2046-2069.

Sahu, Supriya, Ghosh, Surajit Kumar, Kalita, Junmoni, Dutta, M. and **Bhat, H. R.** (2016): Design, synthesis and antimalarial screening of some hybrid 4- aminoquinoline-triazine derivatives against pf-DHFR-TS, *Experimental Parasitology*, 163, 38-45, ISSN: 0014-4894.

Abujam, S. K. S. and **Biswas, S. P.** (2016): Length-Weight of spiny eel Macrognathus pancalus (Hamilton-Buchanan) from upper Assam, India, *Journal of Aquaculture Engineering and Fisheries Research*, 2(2): 50-60 (2016) doi: 10.3153/JAEFR16007.

Biswas, S. P. (2015): Water quality and ichthyofaunal diversity of an Oxbow lake in Upper Assam, *International Journal of Fisheries and Aquatic Studies*, 3(1):15-18.

Biswas, S. P. (2015): Physicochemical assessment for seasonal variations of the Chathe river of Dimapur district in Nagaland, India, *International Research Journal Natural*

and Applied Science, 2(6): 98-135.

Bora, D. S. (2015): Larvicidal Efficacy of Extracts of Selected Plants against *Aedes aegypti* (Linnaeus), *International Journal of Sciences & Applied Research* 2(3).

Bora, D. S. (2015): Lipid Profile of Plants of Influence Host Selection by Gustatory Sensilla in the Larvae of *Antheraea assama* Westwood (Lepidoptera: Saturnidae, *International Journal of Recent Scientific Research* 6(6).

Bora, D. S., Deka, B. and Sen, A. (2016): Restricted diet breadth of the larvae of *Antheraea assamensis* and the role of the *labrum-epipharynx* and *galeal sensilla*, *Entomological Research*, DOI: 10.1111/1748-5967.12159.

Borah, **Juri**: Mean Age at Menarche and Menopause among Dibongiya Deoris of Assam, *Tribal Health Bulletin*, Vol. 22 (1&2), ISSN 0971-4677.

Borah, Juri: Reproductive Health of the Dibongiya Deori Women of Lakhimpur District, Assam, *Anthropos India*, Vol. 1 (2), ISSN 2394-8396.

Borah, D., Gogoi, D., Yadav, A. K., and Gogoi, M. (2015): Improper Handling of Harmful Chemicals by Small Tea Growers of Assam: Challenge to Health and Local Environment, *Journal of Commercial Biotechnology*, 21(2):8-9. DOI: 10.5912/jcb702.

Borah, D., and Yadav, R. N. S. (2015): Plasmid Curing of a Novel Hydrocarbon Degrading Bacillus Cereus Strain DRDU1 Revealed its Involvement in Petroleum Oil Degradation, *J Pet Environ Biotechnol* 6 (3):220. doi: 10.4172/2157-7463.1000220.

Borah, D., Gogoi, D., and Yadav, R. N. S. (2015): Computer Aided Screening, Docking and ADME Study of Mushroom Derived Compounds as Mdm2 Inhibitor, a Novel Approach, *National Academy Science Letters*, 38(6):469-473, (Impact

Factor=0.298).

Borah, D., and Yadav, A. K. (2015): A Novel 'Green' Synthesis of Antimicrobial Silver Nanoparticles (AgNPs) by Using Garcinia Morella (Gaertn) Desr. Fruit Extract, *Nanoscience and Nanotechnology Asia*, 5(3): 25-31.

Borthakur, Sangita, Bora, Dipsikha and Barman, Manash P (2016): Assessment of certain plants as alternate hosts of *Helopeltes theivora*(Hemiptera: Miridae) Waterhouse-A pest of *Camellia sinensis* (L.)Kuntge, *Agricultural Research Journal*, DOI: 10.5958/2395-146X.2016.00010.7.

Das, Sangeeta, **Borua**, **P. K.** and Bhagat, Rajib Mohan (2015): Soil Nitrogen and Tea Leaf Properties in Organic and Conventional Farming Systems under Humid Sub-tropical Conditions, *Organic Agriculture* (Springer), 5 (2), 1-14 ISSN 1879-4238.

Das, Sangeeta, **Borua**, **P. K.** and Bhagat, Rajib Mohan (2015): Infiltration Characteristics of Tea Soil under Organic and Conventional Farming Systems in North-East India, *Jr. of Ind. Soc. Soil Sciences*, 63(4) 449-453.

Baruah, Sukanya, **Borua, P. K.** and Mahanta, Jagadish: Profile of Complementary and Alternative Medicine Use by Diabetic and Hypertensive Patients Presenting with Angina in North East India, *Intl. Jr of Health Sciences & Research* 6 (1), 17-25.

Shah, Saheen, Yadav, R. N. S. and **Borua, P. K.** (2015): Molecular analysis by RAPD markers of popular tea (Camellia sinensis) varieties of North- East India infested by tea mosquito bug (*Helopeltis theivora*), *Int. Jr. of Bioscience*, 6(1), 218-325.

Baruah, A. K. and Boruah, Songita (2015): Tensor Rayleigh Quotient Iterative Method for Three-Parameter Eigenvaquue Problems, *International Journal of Mathematics and Computer Applications Research*, ISSN: 2249–6955, Vol. 5, Issue 5, pp. 29 – 42.

Baruah, A. K. and Bora, Niranjan (2016): On Convergence of Newton's Method for Three Parameter Matrix Eigen Value Problems, *Far East Journal of Applied Mathematics*, Vol. 94(1), ISSN: 0972-0960, pp. 63-76.

Chakraborty, S. (2015): Generation of Discrete Analogues of Continuous Distributions—A Survey of Methods and Constructions, 2: 6, 2015, *Journal of Statistical Distributions and Applications. Springer*, DOI 10.1186/s40488-015-0028-6.

Chakraborty, S. and Imoto, T. (2016): Extended Conway-Maxwell-Poisson distribution and its properties and application, 3:5, *Journal of Statistical Distributions and Applications*. Springer, DOI: 10.1186/s40488-016-0044-1.

Chakraborty, S. and Kotoky, S. (2015): Two new Bivariate

Negative Binomial Distributions and their Properties, *Aryabhatta Journal of Mathematics and Informatics*, **7 (2)**, 339-352, ISSN (Print): 0975-7139, ISSN (Online): 2394-9309.

Chaliha, A. K., Gogoi, D., Sarma, D., Chetia, P., Buragohain, A. K. (2015): An in Silico Approach for Identification of Potential Anti-Mycobacterial Targets of Vasicine and Related Chemical Compounds, *Combinatorial Chemistry & High Throughput Screening*, Bentham Science, 19 (1): 14-24.

Saikia, E., Bora, S. and **Chetia, B.** (2015): H₂O₂ in WERSA: An efficient Green Protocol for *Ipso*-hydroxylation of Aryl/ Heteroarylboronic Acid, *RSC Advances*, 5, 102723-102726.

Phukan, A. and **Chetia, B.** (2016): Biomediated synthesis of silver nanoparticles using *Rhaphidophora hongkongensis* leaf extract and its application for the selective Hg (II) and Fe (III) ions sensor, *Sensor Letters*, *14*, 1-5.

Phukan, A., **Chetia, B., Handique, J.G.** and **Kardong, D.** (2016): Antimicrobial and Antioxidant Activities and RP-HPLC Analysis of Three Edible Medicinal Plants *Olaxacuminata, Gnetumgnemon* and *Raphidophorahangkongensis, National Academy Science*, DOI 10.1007/s40009-016-0422-8.

Das, Malay K. and Chakraborty, T. (2015): ANN in Pharmaceutical Product and Process Development, (Book Chapter) *Artificial Neural Network for Drug Design, Delivery and Disposition*, Editors: M Puri, V Sutariya, S Tipparaju, W Moreno, Y Pathak, Academic Press Elsevier Inc., USA, pp 277-291. ISBN: 978-0-1280-1559-9.

Das, Malay K. and Sahu, B. P. (2015): Development of Novel Polymer-Stabilized Felodipine Nanosuspensions: Pharmacokinetics and Pharmacodynamics, (Book Chapter) *Nanotechnology: Novel Perspectives and Prospects*, Editors: B. S. Bhoop, A. Kaushik, S. K. Mehta, S. K. Tripathi, McGraw Hill Education INDIA, pp 787-794. ISBN: 978-93-392-2109-6.

Das, Malay K. and Chakraborty, T (2015): *Pharmaceutical Calculation: Dispensing Pharmacy*, LAP LAMBERT Academic Publishing, Germany, ISBN: 978-3-659-81652-9.

Das, Malay K., Sarma, Anupam and Chakraborty, Tapash (2016): PLGA-derived anticancer Nano therapeutics: Promises and challenges for the future, *Journal of Chemical and Pharmaceutical Research*, 8(2):484-499.

Das, Malay K. and Chakraborty, Tapash (2016): Curcumin nano-therapeutics for cancer chemotherapy: Promises and Challenges for the future, *European Journal of Pharmaceutical and Medical Research*, 3(3), 177-191.

Sahu, D., Silva, A.R. and **Das, P.** (2015): A novel Fe(III)-based heterogeneous catalyst for aqueous oxidation of alcohols using molecular oxygen, *RSC Advances*, 78553-78560 (IF: 3.84).

Shahnaz, N. and **Das, P.** (2015): Palladium complex containing two sterically hindered ligands as highly efficient catalyst for Suzuki-Miyaura reaction, *Applied Organomettalic Chemistry*, 29(12), 829-833, (IF: 2.02).

Das, P. and Linert, W. (2016): Schiff base-derived homogeneous and heterogeneous palladium catalysts for the Suzuki-Miyaura reaction, *Coordination, Chemistry Review*, 311, 1-23 (IF: 12.24).

Bera, Khokan, **Mazumder, Bhaskar** and Khanam, Jasmina : Study of the Mucoadhesive Potential of Carbopol Polymer in the Preparation of Microbeads Containing the Antidiabetic Drug Glipizide, *AAPS Pharm Sci Tech*, DOI: 10.1208/s12249-015-0396-8.

Bharadwaj, Rituraj, Das, Pranab Jyoti, Pal, Paulomi and **Mazumder, Bhaskar** (2016): Topical delivery of paclitaxel for treatment of skin cancer, *Drug Dev Ind Pharm*, http://dx.doi.org/10.3109/03639045.2016.1151028.

Das, Pranab Jyoti, Paul, Paramita, Mukherjee, Biswajit, **Mazumder, Bhaskar**, Mondal, Laboni, Baishya, Rinku, Debnath, Mita Chatterjee, and Dey, Kumar Saura (2015): Pulmonary Delivery of Voriconazole Loaded Nanoparticles Providing A Prolonged Drug Level in Lungs- A Promise For Treating Fungal Infection, *Molecular Pharmaceutics*, 12 (8), pp 2651-2664. DOI: 10.1021/acs.molpharmaceut.5b00064.

Das, Pranab Jyoti, **Mazumder, Bhaskar** and Pruss, Charles (2015): ANN as helping tool for Drug Formulation and Drug Administration Strategies (Book Chapter), *Artificial Neural Network for Drug Design, Delivery and Disposition*, Elsevier Publications, USA, ISBN 978-0128017449.

Deka, P. N. and Chutia, M. (2015): Numerical Study on MHD Mixed Convection Flow in a Vertical Insulated Square Duct with Strong Transeverse Magnetic Field, *Journal of Applied Fluid Mechanics*, Vol. 8, No. 3, pp 473-481.

Deka, P. N. and Gogoi, L. B. (2015): Solitary Waves in Inhomogeneous Warm Plasma with Nonthermal Electrons, *Far East Journal of Applied Mathematics*, ISSN: 0972-0960, Volume 93, No. 1, pp 51-64.

Dey, Debasish (2015): Non-Newtonian Effects on Hydromagnetic Dusty Stratified Fluid Flow Through a Porous Medium with Volume Fraction, *Proceedings of the National Academy of Sciences*, India Section A: Physical Sciences, ISSN 0369-8203, Vol. 86, No. 1, pp. 47-56 (Impact Factor: 0.242).

Dutta, Palash (2015): Uncertainty Modeling in Risk Assessment Based on Dempster-Shafer Theory of Evidence with Generalized Fuzzy Focal Elements, *Fuzzy Information and Engineering*, Elsevier (1616-8658) Volume 7, Issue I, pp.: 15-30.

Gogoi, B. and Sarmah, Sanhita (2015): Multiple comparison

Procedures under equal and Unequal Variances, *International Advanced Research Journal in Science, Engineering and Technology*, Vol. 2 No. 12.

Gogoi, B. and Sarmah, Sanhita (2016): Some Test Procedures and their Performance under Umbrella Alternatives, *International Advanced Research Journal in Science, Engineering and Technology*, Vol. 3 No. 1, ISSN 2394-1588.

Gogoi, B. and Sarmah, Sanhita (2016): Some Nonparametric Tests for Ordered Alternative in a Randomised Block Design, *International Advanced Research Journal in Science, Engineering and Technology*, Vol. 3. No. 2, ISSN 2394-1588.

Gogoi, B. and Gogoi, Pronita (2015): A Study on Some Outliers Detection Procedures Used in Linear Regression, *AE International Journal of Science and Technology*, Vol. 4, No. 1, ISSN 2348-6732.

Gogoi, Nibedita, Begum, Tahshina, Dutta, Smarika, Bora, Utpal and **Gogoi, Pradip K.** (2015): Rice husk derived nanosilica supported Cu (II) complex: an efficient heterogeneous catalyst for oxidation of alcohols using TBHP, *RSC Advances*, 5, 2015, 95344-95352.

Gogoi, Pradip Kumar, Begum, Tahshina, Borthakur, Bitupon, Das, Gitashree, Bora, Utpal and Kumar, Atul (2015): Green Synthesis of Silver Nanoparticles Using leaf Extract of Phlogacanthusthyrsiformis and evaluation of their Antibacterial and Catalytic Activity, *National Academy Science Letters* 38(2015)231.

Saikia, D. and **Gogoi, P. K.** (2015): Cds and Pbs semiconductor nanocrystals and third generation solar cell(Book Chapter), *Material Science and Nanomaterials: Recent Advances and Applications* (Editors: S. Konwar and A. Gogoi), Global Publishing House (India), Visakhapatnam, pp 185-197) ISBN: 978-93-81563-65-6.

Pahwa, I, Nandan, H and **Goswami, U. D.** (2015): Shear Dynamics in Higher Dimensional FLRW Cosmology, *Astrophysics and Space Science*, 360(2):58 [ISSN: 0004-640X, 572-946X, 2014 Impact factor: 2.263]; arXiv:1404.1878[gr-qc].

Borgohain, R., Guha, A. K., Pratihar, S. and **Handique, J. G.** (2015): Antioxidant Activity of Some Phenolic Aldehydes and Their Diimine Derivatives: A DFT Study, *Computational and Theoretical Chemistry*, 17-23, DOI: 10.1016/j. comptc.2015.02.014.

Handique, J. G. and Gogoi, D. (2016): Antioxidant Activities of the Medicinal Plants Used for Preparation of Fermentation Cakes of 'Haanj', the Rice Based Alcoholic Beverage of Ahom Community People of Assam, India, International Journal of Pharmacognosy and Phytochemical Research, 8(2); 217-222.

Hazarika, G. C. and Thakur, Parash Moni (2015): Effects of

Variable Viscosity and Thermal Conductivity on Combined Free-Forced Convection Heat and Mass Transfer MHD Flow of Micropolar Fluid past a Vertical Porous Plate in a Porous Medium, *International Journal of Computer Applications* (0975-8887), Volume 127, No.2., ISBN: 973-93-80889-51-1.

Hazarika, G. C. and Thakur, Parash Moni (2015): Effect of Variable Viscosity and Thermal Conductivity on the MHD Flow of Micropolar Fluid Past an Acelerated Infinite Vertical Insulated Plate, *International Journal of Heat and Technology*, Vol. 33, No. 3, pp. 73-78, http://dx.doi.org/10.18280/ijht.330310.

Hazarika, J., Hussain, S. and Sengupta, S. (2015): Classifying Three Communities of Assam Based on Anthropometric Characteristics Using R Programming, *International Journal of Advance Computer Science and Application (IJACSA)*, Vol. 6, No. 10, ISSN: 2158-107X, IF: 1.32.

Hazarika, J. and Sarmah, C. (2015): Educational Gender Gap in Assam: A Statistical Analysis, *IJHAMS*, Vol. 3, No. 11, ISSN: 2348-0521, IF: 1.1947.

Hazarika, J. and Mahanta, K. K. (2015): Performance of Studies in Combined Entrance Examination (CEE) for Admission to Medical Colleges in Assam: A Case Study, *International Journal of Humanities and Social Studies*, Vol. 3 No. 8, ISSN: 2321-9203.

Hazarika, J. and Sarmah, C. (2016): Regression Models Under Bootstrep Mechanism: An Empirical Discussion, *Treasure Trove A Compilation Of Research Papers*, ISBN: 978-81-930227-3-3.

Hazarika, **J.** and Changkakoti, P. (2016): Fitting Probability Distribution to Extreme Water Levels of River Dihing in Assam and Arunachal Pradesh, India, *Journal of Statistics and Mathematical Engineering*, Vol. 2, Issue 1.

Hussain, Sadiq, Rehman, Rizwan, **Hazarika, G. C.** and Kuli, J. J. (2016): The First Step Towards Suffix Stripping of Mising Words Using YASS, *International Journal of Language and Linguistics*, Volume 4, Issue 2, Pages: 74-79, ISSN 2330-0205.

Johari, S. and Kanu M. (2015): A Novel Epitope Prediction for Vaccine Designing Against Ebola Viral Envelope Proteins, *Indian Journal Pharmacology*, 47(7): 13-57.

Kakaty, S. C. and Bairagi, A. (2015): Analysis of Stock Market Price Behaviour: A Markov Chain Approach, *International Journal of Recent Scientific Research*, Vol. 6, Issue 10, ISSN 0976-3031, I.F. 5.114.

Kalita, B and **Das, Malay K.** (2015): Resveratrol-Phospholipid complexes (Phytosomes) with improved physicochemical properties favorable for drug delivery via skin, *World Journal of Pharmaceutical Research 4 (5)*, 1497-1517.

Kalita, B, **Das, Malay K.**, Sarma, M. and Deka, A. (2015): Skin targeted delivery of Rutin-Phospholipid complex: Patch formulation, in vitro-in vivo evaluation, *World Journal of Pharmaceutical Sciences 3 (10)*, 2042-2057.

Islam, Aminul, Sinha, Pratima, Sharma, Shyam Sundar, Negi, Madan Singh, **Neog, Bijoy** and Tripathi, Shashi Bhushan (2016): Analysis of Genetic Diversity and Population Structure in Capsicum Landraces from North Eastern India Using TE-AFLP Markers, *Plant Mol Biol Rep*, 33(6) (ISSN 0735-9640).

Gogoi, A. and **Neog, B.** (2016): The Dark Side of Thermal Printed Paper, *Current Science*, 110(1):1-2.

Dutta, S. C. and **Neog, B.** (2016): Effect of AM Fungi and Plant-growth Promoting Rhizobacteria on Enzymatic Activities of Soil under Turmeric (*Curcuma longa* L.) cultivation, *J Ind Soc. Soil Sc.*, 63(4): 442-448 (ISSN 0974-0228).

Gogoi, A., Gogoi, N. and **Neog, B.** (2015): Dubious antiobesity agent HCA from *Garcinia*: A systematic review, *Int. J. Pharmacy & Pharmaceutical Sciences*, 7(7): 1-8 (ISSN 957-1491).

Gogoi, N., Gogoi, A. and **Neog, B.** (2015): Potential role of garcinol as an antioxidant and anticancer agent: A brief review, *IJSMR*(2): 109-119 (ISSN 2394-7128).

Upadhayay, S. and **Saikia, L. R.** (2015): Agronomic Requirements for Organic Cultivation of *Andrographis paniculata* (Burm) Nees. In the Upper Brahmaputra Valley Agroclimatic Zone of India, *Indian Forester*, 141(2)

Samanta, R. (2015): Phosphatases of Soil and Microbes of Tea Garden of Dibrugarh District, Assam, *Indian Journal of Applied Research* 5(5).

Sengupta, Sarthak: Demographic profile of the *Kaibartas* of Assam, *Vision NE*, 2, 1: 120-126, ISSN 2349-1698.

Sengupta, Sarthak: Anthropological research in North East: Five decades of Dibrugarh University, *The Indian Journal of Anthropology*, 3, 1:85-100.

Sengupta, Sarthak: Reproductive health of the Dibongiya Deori women of Assam, *Anthropos India*, 1, 2: 197-204.

Sengupta, Sarthak: Mean age at menarche and menopause among *Dibongiya Deoris* of Assam, *Tribal Health Bulletin*, 22, 1-2:73-78.

Sengupta, Sarthak: Prevalence of under-nutrition and obesity among the Mising and *Boro Kachari* women of the Dhemaji district of Assam, *The Second Sex*, 1, 1: 1-7 (ISSN 2394-2088).

Sengupta, Sarthak: Classifying three communities of Assam based on Anthropometric characteristics using R

programming, *International Journal of Advanced Computer Science and Application 6*, 10: 64-69 (ISSN – 2156-5570).

Sengupta, Sarthak: The socio-cultural life of the Mishings of *Ayengia Borgaon*, Lakhimpur District, Assam, *Pragya Pratibimban 2*, 1: 71–73 (ISSN 2393 – 8382).

Sengupta, Sarthak: Reproductive performance of *Dibongiya Deori* women of Lakhimpur district, Assam, *Humankind*, 9–10: 57–65 (ISSN 0973-3124).

Sengupta, Sarthak (2015): *Explorations in Anthropology of North-East India*, Gyan Publishing House, New Delhi, ISBN 978-81-212-1242-7.

Sharma, B. R. and Dutta, Nabajyoti (2015): Chemical Reaction and Thermal Radiation Effects on Unsteady MHD Flow over an infinite Vertical Oscillating Porous Plate with Heat Source, *International Journal for Research in Applied Science and Engineering Technology (IJRASET)*, ISSN: 2321-9653, Vol. 3, issue XI, pp. 423-431.

Sharma, B. R. and Aich, Animesh (2015): Soret and Dufour Effects on Steady MHD Flow in Presence of Heat Source Through a Porous Medium over a Non-Isothermal Stretching Sheet, *IOSR*– *Journal of Mathematics*, ISSN: 2319-765X, Vol. 12, No. 1, pp. 53-60.

Sharma, Maitreyee: Infant Morbidity and Infant Death among Two Linguistically Cognate Tribes of North-East India, *Indian Journal of Research in Anthropology*, Volume 2, Number 1, ISSN 2454-9118.

Sinha, S., Bora, B. and **Hazarika, G. C.** (2015): Development of a Java Library for Protein Stability and Disorder Computations, *Procedia Computer Science*, 70(C): 265-273 DOI: 10.1016/j.procs.2015.10.086.

Sinha, S., Nath, P. P. and **Hazarika, G. C.** (2015): Multi Core Aware Java Library for Computing Protein Stability Indices – A Performance Improvement and Power Consumption Study, *Procedia Computer Science*, 70(C):715-722 DOI: 10.1016/j. procs.2015.10.109.

Sinha, S., Medhi, S. P. and **Hazarika, G. C.** (2015): Design and Development of Grid Enabled, G2PU Accelerated Java Application (Protein Sequence Study) for Grid Performance Analysis, *Procedia Computer Science*, 70(C):769-777 DOI: 10.1016/j.procs.2015.10.116.

Sinha, S., Dias, M. and Johari, S. (2016): Molecular Docking

of Phytochemicals of Adhatoda vasica with the potential drug targets of Asthma – An Ayurinformatics Approach, *Journal of Science*, 1(3):12-19.

Sinha, S., Hazarika, A., Bora, B., **Hazarika, G. C.** (2016): A Comprehensive Study on Grid Performance Enhancement and Server Fault Penalty Minimization on JPPF Grid for *E.coli* Genome Sequence Alignment Problem, *Journal of Science*, 1(3):27-32.

Hazarika, Dibya Jyoti and **Sood, K.** (2015): In Vitro Antibacterial Activity of Peptides Isolated from *Areca catechu* Linn, *Der Pharmacia Lettre*, 7(1):1-7.

Bora, D. and **Yadav, R. N. S.** (2016): Bioremediation of petroleum based contaminants with biosurfactant produced by a newly isolated petroleum oil degrading bacterial strain, *Egyptian Journal of Petroleum*, doi:10.1016/j. ejpe.2016.02.005 (Online first).

Parida, P. and **Yadav, R. N. S.** (2015): Design, Virtual Screening and Docking Study of Novel NS3 Inhibitors by Targeting Protein – protein Interacting Sites of Dengue Virus –A Novel Approach, *Current Pharmaceutical Biotechnology*, 14, 995-1008.

Zaman, Arifur (2015): Mopin Festival among the Galos: A Potential Event for Culture Tourism in North East India, *Voice of Intellectual Man: An International Journal*, Vol. 5, No. 2 (ISSN 2231-6914).

Zaman, Arifur: Mortuary Rite among the Mishing Tribe in a Rural Context of Assam, *Culture and Religious Studies*, Vol. 3, No. 4 (ISSN 2328-2177) (DOI: 10.17265/2328-2177), Libertyville, IL 60048, USA.

Zaman, Arifur and Bodhprakash, Upadhaya (2015): Customary Law and the Administration of Justice: A Case Study among the Buguns of Arunachal Pradesh, North East India, *Voice of Intellectual Man: An International Journal*, Vol. 5, No. 1, 25-36 (ISSN 2231-6914).

Zaman, Arifur (2015): *The Tradition of Mask in Indian Culture: An Anthropological Study of Majuli, Assam*, IGRMS, Bhopal (under Ministry of Culture, Govt. of India) and Aryan Book International, New Delhi, ISBN 9788173055201.

School of Commerce and Management Sciences

Bezborah, **P.** and Hazarika, Biraj (2016): Evaluating Reaction of Training: The First level, Its Importance and Way Forward, *International Journal of Research in Economics and Social Sciences*, ISSN-2249-7382, IF: 5.545.

Buragohain, Pranjal Protim (2015): An Investigation into the Social Sector Development Linkage in Assam: A District Level Analysis, *Indian Journal of Economics and Development*, Vol 3 (10).

Buragohain, Pranjal Protim (2016): Poverty and Inequality in Development at Community Level: an Empirical Analysis in the Context of the Tai-Ahoms of Assam, India, *International Research Journal of Social Sciences*, Vol 5(3).

Goswami, K.C. and Rajkonwar, Dadul (2015): Security Measures to Informal Sector with special reference to Street Vendors of Jorhat and Sivasagar Towns of Assam, *Research Promoter*, A Peer Reviewed Journal of Business Humanities and Social Science, ISSN No: 2231-0193, Volume V, No. V.

Rajkonwar, Ajanta B. (2015): Relevance of Skill and Entrepreneurship Development in Higher Education with Special Reference to Dibrugarh University, *University News*, A weekly Journal of Higher Education, Vol.53 No.48, ISSN -0566-2257.

Rajkonwar, Ajanta B. (2015): *Small and Medium Enterprises in Assam*, DVS Publisher, ISBN No.: 978-8186307-96-0.

Rajkonwar, Ajanta B. and Bezbaruah, Kaveri (2016): A Review of Key Factors Affecting the Adoption of Self Service Technologies in Banking with Special Reference to Assam, *International Journal of Multidisciplinary Approach & Studies*, pp 173-184, ISSN 2348-537X, ISI Impact factor 2.593, indexed in Google Scholar.

Saha, A. (2015): Corporate Governance and Creative Accounting Practices—A Dichotomy, *Global Journal for Research Analysis*, ISSN: 2277-8160, Vol.: 4, Issue:12.

Saha, A. (2015): A Study on Impact of Cash Flow Reporting on the Individual Shareholders Investment Decision Making,

Management Assignment, the Journal of Incisive Analysers, ISSN: 0973-936X, Vol.: XI.

Saha, A. (2015): Effect of Listing of Equity Options and Equity Futures on Volatility of the Underlying Equities in Indian Stock Exchange: an Empirical Survey of the National Stock Exchange of India Ltd., *Vanijya*, ISSN: 0972-6594, Vol.: 25.

Saha, A. (2016): Market Efficiency and Creative Accountingsome issues, *International Journal of Scientific Research*, ISSN: 2277-8179, Vol.: 5.

Doley, Parthajit and **Sharma, Mithun J.** (2016): Fostering Market Homogeneity among Nations with Economic Similarity Using Hierarchical Clustering Technique, *International Journal of Science and Technology and Management*, Vol 5, Special Issue No. 01.

Bhattacharjee, Deepankar and **Sharma, Mithun J.** (2016): Economic Analysis of Indian Tea Industry Using Non-parametric Model Data Envelopment Analysis, *International Journal of Science and Technology and Management*, Vol 5, Special Issue No. 01.

Singha, Seema S. (2015): Nature and Forms of Conflict in the Tea Industry of Assam with special reference to Dibrugarh District, *Journal of Commerce and Trade*, ISSN: 0973-4503, Vol. 10, No. 2.

Thard, Nishant (2015): Financial Inclusion: A Key to Micro Finance, *Indian Journal of Applied Research*, ISSN: 2249555X. Vol. 4 Issue 11.

School of Education

Crerar, Bonnie and **Barua**, **Neeta K.** (2015): Critical Thinking Skills in Teacher Education: Need and Strategies, *American Research Thought*, an Online International Multidisciplinary Research Journal (Double Blind Peer Reviewed), ISSN 2392-876X.

Barua, Neeta K. (2015): Quality Education in the 21st Century: A Challenge for Teachers, (Book Chapter) *Issues & Challenges of Teacher Education in the 21st Century*, Eastern Book House, Guwahati, pp. 01-12, ISBN 978-93-83252-26-8.

Buragohain, Pranjal and Bordoloi, Pronamita (2015): Teaching of Hope among the Students of Secondary Schools as a means of Success and Well Being, *International Journal of Social Development*, ISSN 2348-4993, Vol. 2, No. 3, pp. 1-8.

Buragohain, Pranjal and Mandal, Rajen (2015): Teaching of Gratitude among the Students of Secondary School as a Means of Well-Being, *International Journal of Humanities*

Social Sciences and Education (IJHSSE), ISSN 2349-0373 (print) and 2349-0381 (online), Volume 2, Issue 2, page: 179-188.

Buragohain, Pranjal and Kerketta, Valerius (2015): A Comparison of the Level of Hope between Adivasi and Nonadivasi Students of Secondary School and its Relation with Academic Achievement, *International Journal of Research in Management and Social Sciences*, ISSN 2322-00899, Volume 3, Issue 1 (II), page: 66-71.

Buragohain, Pranjal and Mandal, Rajen (2016): Can Gratitude be taught: an Experiment on the Students of Mahapurusha Srimanta Sankardeva University (MSSU), Nagaon, Assam, *International Journal of Research and Scientific Innovation (IJRSI)*, ISSN: 2321, Vol. III, Issue II (Impact Factor Value 2.08), pp. 24-28, (http://rsisinternational.org/VolIII&IssueII.php#sthash.WM7LRPyD.dpuf).

Chaliha, A. (2015): A Study on Intelligence of the Higher

60 | The DU Gazette | Spring Issue, 2016

- Secondary Students of Salt Brook Academy, Dibrugarh, Assam, *International Journal of Humanities and Social Science Studies*, Vol. 2, Issue 2, ISSN 2349-6711.
- **Chaliha, A.** (2015): A Study on Culture of the Mishing/ Mising Tribes with Special Reference to Dhemaji District of Assam (Book Chapter), *Dhemaji-Dhakuakhana: Land and People*, ISBN-978-81-92178-15-8.
- Chakraborty, S. and **Chaliha, A.** (2016): Test Anxiety and Academic Achievement: A Study on Class X Students of the Borboruah Block of Dibrugarh District, Assam, *International Journal of English Language, Literature & Humanities*, Vol. IV, Issues III, ISSN 2321-7065.
- **Das, M.** (2015): Innovative Practices in Teacher Education: An Overview, *International Research Journal of Interdisciplinary & Multidisciplinary Studies (IRJIMS)*, pp. 15-18, Vol. I, Issue IV, ISSN: 2394-7969 (Online) and ISSN: 2394-7950 (Print).
- **Das, M.** and Das, N. (2015): Blended Learning: A New Approach to Be Considered In the Teaching-Learning Process, *International Journal of Humanities & Social Science Studies (IJHSSS)*, Vol.-I, Issue VI, pp. 96-99, ISSN: 2349-6959 (Online) and ISSN: 2349-6711 (Print).
- **Gogoi, K. P.** (2015): Power is a Principal Motive among Students Community, *World Academy of Science, Engineering and Technology, International Science Index*, eISSN:1307-6892.
- **Gogoi, K. P.** (2015): Impact of Educational Anxiety on Academic Achievement, *International Journal of Science Technology and Management*, Vol. 4, Impact Factor 1.011, ISSN 2394-1537.
- Gogoi, K. P. (2015): A Study on Employed and Unemployed Women with Special Reference to Self-image (Abstract), (Book Chapter) *International Conference on Women Empowerment & Social Sciences-201*, ISBN: 978-93-84124-33-5.
- **Gogoi, K. P.** (2015): A Study on the Perception Level of Women Towards Family Environment (Abstract), (Book Chapter) *International Conference on Women Empowerment & Social Sciences-2015*, ISBN 978-93-84124-33-5.
- **Gogoi, K. P.** (2015): A Study on Adjustment and Self-esteem Among Adolescents with Special Reference to Gender (Book Chapter), IMRF World Research Congress Pataya, Thailand 2015, ISBN 978-93-84124-38-0.
- **Gogoi, K. P.** (2015): A Textbook on Guidance and Counseling, published by Kalyani Publisher, Delhi, ISBN 978-93-272-5153-1.
- **Gogoi, M.** and Gogoi, D. (2015): Scientific Attitude of the Tea Tribes Secondary School Students of Tinsukia District of Assam, *Scholarly Research Journal for Humanity Science &*

- English Language, 1 (IV), 52-59, ISSN:2349-9664.
- **Gogoi, M.**, Bhattacharyya, P. and Hazarika, M. (2015): An Analytical Study of the Procedures Followed in Admitting Students to the Medical and Engineering Courses in Assam, *Asian Journal of Research in Social Sciences & Humanities*, 5 (III), 82-85, ISSN:2250-1665.
- Chakraborty, S. and **Gogoi, M.** (2015): A Study on Scientific Attitude and Socio-economic Status of Secondary School Students of Dibrugarh District of Assam, *INTUIT*, IV, 60-81, ISSN:2319-2097.
- Baruah, P. and **Gogoi, M.** (2015): Transaction of B.Ed Curriculum in the Secondary Teacher Education Institutions (STEIs): A Comparative Study of Dibrugarh University and Nagaland University, *Education: North East, The Journal of the North East India Education Society (NEIES)*, 18 (2), 11-20, ISSN: 0973-4902.
- Chakraborty, S. and **Gogoi, M.** (2016): A Study on Superstitious Beliefs of the Secondary School Students of Dibrugarh District of Assam, *American Research Thoughts*, Vol. II, Issue: V, ISSN: 2392.
- **Gogoi, M.** and Munda, Binoy (2016): Scientific Attitude of Secondary School Students of Sivasagar District in Relation to Their Achievement in Science, *International Journal of Innovation Science and Research*, Vol. V, No: 2, pp. 637-641, ISSN: 2319-9369.
- **Gogoi, M** (2016): An Analysis of the Question Papers of the B.A. End Semester Examinations of Dibrugarh University, *International Journal of Humanities and Social Science Studies*, Vol. II, Issue: V, ISSN: 2349-6711 (Print) and 2349-6959 (Online).
- Gogoi, M., Bhattacharyya, P. and **Hazarika, M.** (2015): An Analytical Study of the Procedures Followed in Admitting Students to the Medical and Engineering Courses in Assam, *Asian Journal of Research in Social Sciences and Humanities*, 5 (III), 82-85, ISSN:2250-1665.
- Sarmah Boruah, A. and **Hazarika**, **M.** (2015): Emotional Intelligence of Higher Secondary School Students of Sivasagar District of Assam, *Asian Journal of Research in Social Sciences and Humanities*, 5(11), 37-51, ISSN 2249-7315.
- Buragohain, P. and **Hazarika**, **M.** (2015): Happiness Level of Secondary School Teachers in relation to Their Job Satisfaction, *SSRG International Journal of Humanities and Social Science*, 2(3), 20-37, ISSN 2394-2703.
- Buragohain, P. and **Hazarika**, **M.** (2015): Happiness Level of Secondary School Teachers, *International Journal of Innovation Science and Research*, 4(6), 199-205, ISSN 2319-9369.

Ghosh, S and **Kalita**, **M.** (2015): A Study on the Learning Style Preferences of Secondary School Students of Dibrugarh District in Relation to Management of School, *Vidya Journal of Creative Teaching*, Vol.: 2, No. 2, pp.15-20.

Chetia, B. and **Kalita**, **M.** (2016): A Study on the Creativity and Academic Achievement of Secondary School Students of North West Educational Block of Jorhat District, Assam, *International Journal of Educational and Psychological Research*, ISSN: 2349-0853.

Upadhyaya, A. (2015): A Study of Implementation of RTE Act, 2009 in the Elementary Schools of Assam, *Education: North East NEIES Journal*, ISSN: 0973-4902, Volume-19, Issue-2, Page No. 23-30.

Upadhyaya, A. and **Barua, Neeta K.** (2015): A Study to Determine the Private Cost of Students for Acquiring Secondary Teacher Education Course in Assam, with

Reference to the Secondary Teacher Education Institutions under Dibrugarh University, *Pratidhwani—the Echo*, Vol. IV (I), 80-87, ISSN: 2278-5264 (Online) and 2321-9319 (Print), Impact Factor: 6.28.

Upadhyaya, A. and **Barua, N. K.** (2015): Expansion of Secondary Teacher Education in Assam: An Analysis of Challenges Faced by the Colleges of Teacher Education and Some Related Variables (Book Chapter), *Issues and Challenges of Teacher Education*, Edited by Lokman Ali, pp 85-94, ISBN 9789383252-26-8.

Upadhyaya, A. (2016): Is Dropout exists at Lower Elementary Level of Government Schools? A Study in Assam, *Asian Journal of Research in Social Sciences and Humanities* (A Journal Indexed in Indian Citation Index), ISSN: 2249-7315, Volume-6, Issue-3, Pages 77-85 (DOI NUMBER-10.5958/2249-7315.2016.00030.7).

School of Earth, Atmospheric Science, Environment and Energy

Acharjee, Shukla and Mili, Nitashree (2015): A qualitative assessment of extent of the problem and its probable impact as a result of destroying hills in the southeastern part of Dhansiri Basin(s), *Asian Journal of Spatial Science*, ISSN:2347-7636, Vol-3, pp 31-46.

Egirani, Davidson. E., Latif, Mohamed. T., Poyi, Nanfe. R. and **Acharjee, Shukla**: Study of Water Resources and Planning In Parts of the Niger Delta Region of Nigeria-Paper 1, *Journal of Basic and Applied Research International*, 15(4): 250-26 online.

Nath, B., **Acharjee, Shukla**, Mitra, A.K., Majumder, D. and Murgante, B.: A Geospatial Approach to Determine Lake Depth and Configuration of Reingkhyongkine (Pukur Para) Lake, Rangamati Hill District, Bangladesh with Multi-Temporal Satellite Data, *Journal of Environment Accounting and Management*, L & H Scientific Publishing, LLC, 3(3) pp. 243-258 ISSN 2325-6192, eISSN 2325-6206/\$, DOI:10.5890/JEAM.2015.03.003.

Acharjee, Shukla and **Lahkar, Biman**: *Introduction to Remote Sensing and GIS*, Eastern Book House, Pan Bazaar, Guwahati 1, ISBN- 978-93-83252-87-9.

Baruah, M. P. and **Bezbaruah**, **D**. (2015): Active tectonics along the frontal part of HFT in and around Pasighat, East Siang District, Arunachal Pradesh, *International Journal of Current Research*, Vol. 7, Issue, 10, pp.21954-21961, ISSN: 0975-833X.

Bezbaruah, D., Sarma, M., Baruah, M. P., Goswami, T. K. (2016): Geological Field Guide of Siang River Section, Arunachal Pradesh, *South East Asian Journal of Sedimentary*

Basin Research 2-3-4 (1), ISSN 2320-6829.

Bezbaruah, D. and Kashyap, K. (2016): Field geology and morphometric evidences supporting active tectonics of Amguri-Tuli-Merangkong area in the Assam-Nagaland Border, India, *South East Asian Journal of Sedimentary Basin Research*, ISSN 2320-6829, SEAJSBR 2-3-4(1) 37-46 Joint Volume.

Bezbaruah, **D**., Sarma, M., Baruah, M. P. and Goswami, T. K. (2016): Geological Field Guide of Siang River Section, Arunachal Pradesh, *South East Asian Journal of Sedimentary Basin Research*, ISSN 2320-6829, SEAJSBR 2-3-4(1) 37-46 Joint Volume.

Rakshit, R. and **Bezbaruah, D.** (2016): Morphotectonic aspects in and around Aizawl, Mizoram of NE India, *South East Asian Journal of Sedimentary Basin Research*, ISSN 2320-6829, SEAJSBR 2-3-4(1), 28-36 Joint Volume.

Kotoky, P., **Bezbaruah, D.** and Sarma, J. N.: Spatio-Temporal Variations of Erosion-Deposition in the Brahmaputra River, Majuli—Kaziranga Sector, Assam: Implications on Flood Management and Flow Mitigation, *Environmental Management of River Basin Ecosystems*, ISSN 2197-9596, ISSN 2197-960X (electronic) Springer Earth System Sciences, P 227-251.

Baruah, M., Saikia, G., Borgohain, P. and **Bhattacharyya**, P. (2015): Geochemical characteristics of the Tipam sandstone formation exposed along Tipongpani river section, Upper Assam, India, *Journal of Assam Science Society*, ISSN 0587-1925, Vol 56 (1), 33-50.

62 || The DU Gazette || Spring Issue, 2016

- Taye, C. D. and **Bhattacharyya**, **P**. (2016): Geochemical characteristics and Geotectonic setting of the plutonic rocks of Lower Siang and Yamne Valley, East Siang District, Arunachal Pradesh, India, *South East Asian Journal of Sedimentary Basin Research*, ISSN 2320-6829, Joint Vol 2-3-4 (1), 23-27.
- **Bhuyan, D.** and Dutta, I. (2015): Paleocene-Eocene Palynostratigraphy of the Northern Margin of Upper Assam Basin, India, *International Journal of Geology and Earth Science*, Vol. 1, No. 2, ISSN 2395-647X.
- **Bhuyan, D.** and Saikia, K. M. (2015): Palynodebris analysis and depositional environment of Yingkiong Group of East and Upper Siang Districts, Arunachal Pradesh, India, *International Journal of Geology and Earth Science*, Vol. 1, No. 3, ISSN 2395-647X.
- **Bhuyan, D**. (2016): Late Eocene Unstable Basin Margin Kopili Sedimentation and Its Reservoir Characteristics in Upper Assam Petroliferous Basin, *International Journal of Research and Science Innovation*, Vol. III, Issue II, ISSN 2321-2705.
- **Das, B. M.** and **Gogoi, S. B.** (2015): Relating IFT with Oil Recovery with Special Reference to Bhogpara Porous Media of Upper Assam Basin, *Journal of Petroleum Engineering & Technology*, V 5(1), pp. 1-8, 2015. SJIF = 3.932.
- **Das, M.** and **Medhi, N.** (2015): Clay Minerals and its importance on Hydrocarbon Production Potential in a part of Geleki Oilfield of Upper Assam Basin, *International Journal of Research in Engineering and Applied Sciences (IJREAS)*, Vol 5, Issue 11, ISSN 2249-3905, (IMPACT FACTOR 5.981).
- **Das, M.** and **Medhi, N.** (2015): A Study on the Low Salinity Waterflooding (LSW) in a Part of a Depleted Oilfield of Upper Assam Basin, *Journal of Petroleum Engineering & Technology*, Vol 5, Issue 3; ISSN: 2231-1785(online), ISSN: 2321-5178 (print) (IMPACT FACTOR 3.932).
- **Das, Minati** and Choudhury, M. A. (2015): A Study on Multilateral Drilling and its Implementation in India, *International Journal of Science and Engineering (IJSE)*, eISSN: 2347-2200.
- **Gogoi, A. P., Neog, R.** and **Gogoi, P.** (2015): Urbanization and its impact on arable land: A study on selected municipalities of Upper Assam, India, *Asian Journal of Spatial Science*, ISSN: 2347-7636, Vol. 3, pp. 47-61.
- **Gogoi, P.** and **Chetry, N.**: (2015) Assessment of Urban Drainage in Jorhat Municipality, *Asian Journal of Spatial Science*, ISSN 2347-7636, Vol-3, pp: 31-46.
- **Gogoi, P.** and **Chetry, N.**: (2016) Urban Growth Trend Analysis of Jorhat City, *Asian Academic Research Journal of Social Sciences and Humanities*, ISSN: 2278-859X, Vol.

- 3 Issue 3, pp:270-284.
- **Goswami, T. K**. (2015): *Atlas of Structural Geology*, Ed. S. Mukherjee, Folds, 4-21, Elsevier, ISBN: 978-0-420152-1.
- **Goswami, T. K**. and Baruah, S. (2016): Flanking Structures as shear sense indicators in the Higher Himalayan Gneisses near Tato, West Siang District, Arunachal Pradesh, India, *Ductile Shear Zones: From Micro-to Macro-scales*, (Eds.: S. Mukherjee and Kieran F. Mulchrone), John Wiley and Sons Ltd., ISBN: 978-1-118-84496-0, 301-319.
- Ray, D., Ghosh, S., **Goswami, T. K**., Jobin, M. J. (2016): More insights into chondrule formation process and shock-thermal history of Dergaon Chondrite (H4-5) Fall, *Geoscienece Frontiers*, Elsevier (DOI. 10.1016/J. gsf.2016.02.005) ISSN: 1674-9871, Impact Factor 1.216.
- Bezbaruah, D., Sarma, M., Baruah, M. P., **Goswami, T. K**. (2016): Geological Field Guide of Siang River Section, Arunachal Pradesh, *South East Asian Journal of Sedimentary Basin Research* 2-3-4 (1), ISSN 2320-6829.
- Mahanta, B. N., **Goswami, T. K.**, Syngai. B. R., Sarmah, R. K. (2016): Structural evaluation using Digital Elevation Model: A case study from East Siang and West Siang districts, Arunachal Pradesh, *South East Asian Journal of Sedimentary Basin Research* 2-3-4 (1), 23-27, ISSN 2320-6829.
- Goswami, T. K., Ray, D., Sarmah, R. K., Goswami, U., Bhattacharyya, P., Majumdar, D., Bezbaruah, D., Borgohain, P. (2016): Komargaon, Assam (India), witnessed a new meteorite fall, *PLANEX*, 6, 1, 10-11, ISSN: 2320 7108.
- Kataki, S. and **Goswami, U**. (2015): Spatial Variability of Groundwater Chemical Quality for Drinking and Irrigation Purposes in parts of Nagaon and Morigaon Districts, Assam, Using Geoinformatics, *International Journal for Research in Applied Science & Engineering Technology* (IJRASET), Vol. 3, Issue III, 372-382, (ISSN: 2321-9653).
- **Goswami, U.** and Acharjee, S. (2016): Anabranches of the Subansiri in Assam, India: the unsolved enigma of an alluvial river, *South East Asian Journal of Sedimentary Basin Research*, Joint Vol. 2-3-4 (1), 13-22, (ISSN 2320-6829).
- Rajkonwar, M., Gogoi, V., Goswami, U. and Bezbaruah, D. (2016): A hydrogeological study of springs occurring along the Himalayan foothills of Mirem area, East Siang District, Arunachal Pradesh, India, Research Communications, *South East Asian Journal of Sedimentary Basin Research*, 2-3-4 (1), Joint Volume, ISSN 2320-6829.
- **Kalita, Bitap Raj**; **Bhuyan, Pradip Kumar** and Yoshikawa, Akimasa (2015): NmF2 and hmF2 measurements at 95° E and 127° E around the EIA northern crest during 2010-2014, *Earth, Planets and Space*, 67:186, DOI 10.1186/s40623-015-0355-3 (IF: 1.38).

Kalita, K. D. (2015): New Report of Isocrinid Crinoid *Chariocrinus* from the Jurassic of Jaisalmer, Rajasthan, *Journal of Geological Society of India*, Vol 86, pp 597-604, ISSN 0016-7622, Impact Factor 0.6, Publisher Springer Verlag.

Kalita, K. D., Gogoi, H. (2015): Microfacies types (MFT) and Palaeoenvironment of the Umlatodoh Carbonates in the Shillong Plateau of Meghalaya, NE India, *Journal Geological Society of India*, Vol 85, pp 686-696, ISSN 0016-7622, Impact Factor 0.6, Publisher Springer Verlag.

Lahkar, B. and **Datta, L.** (2015): Changing Pattern of Occupation among the Major Scheduled Caste Communities, *Asian Journal of Spatial Science*, ISSN:2347-7636, vol-3, pp: 73-83.

Lahiri, S. K., Sinha, R. (2015): Application of Fast Fourier Transform (FFT) in fluvial dynamics - a case study from the upper Brahmaputra valley in Assam, *Current Science* 108 (1), 90-95 (Impact Factor 0.93).

Majumdar, D. and Dutta, P. (2016): Geodynamic evolution of a Pan-African granitoid of extended Dizo Valley in Karbi Hills, NE India: Evidence from Geochemistry and Isotope

Geology, *Journal of Asian Earth Sciences* 117, pp 256-268, Elsevier, Impact factor- 2.714.

Neog, R. (2015): Development of Agriculture and its Impact on the Environment: A Study on the Jorhat District of Assam, *Asian Journal of Spatial Science*, ISSN:2347-7636, Vol-3, pp:62-72.

Sarma, J. N., Acharjee, Shukla and Murgante, B. (2015): Morphotectonics Study of the Brahmaputra Basin using Geoinformatics, *Journal of Geological Society of India*, Vol-86, pp. 324-330.

Talukdar, **P** and Gogoi, S. B. (2015): Effect and Optimization of Bactericide to control Biodegradation in non damaging drilling fluid (NDDF), *International Journal of Recent Scientific Research*, Vol. 6(10), pp. 6788-6794, IF=5.114, ISSN:0976-3031, Journal homepage: www.recentscientific.com.

Talukdar, P and Gogoi, S. B. (2015): A study on the role of pre-gelatinized starch (pgs) in the Non Damaging Drilling Fluid (NDDF) for the Tipam sand of Geleki oilfield of Upper Assam Basin, *Journal of Applied Sciences and Biotechnology*, Vol. 3(2), pp. 291-300, IF= 1.422; *SIF=3.419.



Research Scholars and Students from the Centre for Studies in Biotechnology, Dibrugarh University conducting Laboratory Assignments.



DU in the News

ডিব্ৰুগড় বিশ্ববিদ্যালয়ত চি বি চি এছ পদ্ধতি প্ৰৱৰ্তনৰ প্ৰস্তুতি

ভিগবৈৰ প্ৰতিবেদক, ২৭ এপ্ৰিল ঃ ভিগবৈ মহাবিদ্যালয়ত আজি ভিক্তগড় বিশ্ববিদ্যালয়ৰ ভিগাৰেৰ প্ৰাতবেদক, ২৭ এপ্ৰেল ঃ ভিগাৰে নহাবিদ্যালয়ত আজ ।ওজুলাড় বিশ্ববিদ্যালয়ত অফাৰ্চ মহাবিদ্যালয়ত পছদ ভিত্তিক ফ্ৰেডিট পদ্ধতি (চি বি চি এছ) শীৰ্ষক এখন কৰ্মশালা অনুষ্ঠিত হয়। ২০১৭-১৮ শৈক্ষিক বৰ্ষৰ পৰা ডিব্ৰুগড় বিশ্ববিদ্যালয়ৰ অন্তৰ্গত কমশালা অন্যুষ্ঠত হয়। ২০১৭-১৮ শোক্ষ ধনৰ নৰা ।অসন্ত নৰোন্যানামৰ মহাবিদ্যালয়সমূহত প্ৰচ্ছদ ভিডিক ক্ৰেডিট পদ্ধতি প্ৰবৰ্তন কৰিবলৈ বিশ্ববিদ্যালয়সন মধাৰণাগমণাৰু ত বছৰ ।তাতৰ এমাতত পৰাত বৰ্তন কৰিবলৈ হ'বলগীয়া এই শিক্ষা ইতিমধ্যে যাবতীয় প্ৰস্তুতি প্ৰায় সম্পূৰ্ণ কৰি তুলিছে। নতুনকৈ প্ৰবৰ্তন হ'বলগীয়া এই শিক্ষা পদ্ধতি বিধৰ বিষয়ে সভাগতা সৃষ্টি কৰাৰ লগতে শিক্ষকসকলক প্ৰশিশ্বণ প্ৰদান কৰিবৰ বাবেই উক্ত কুৰ্মশালাখন ডিগবৈ মহাবিদ্যালয়ৰ আভ্যন্তৰীণ মান নিশ্চিতকৰণ কোষ আৰু ডিগবৈ মহাবিদ্যালয় শিক্ষক গোটে যুটীয়াভাবে আয়োজন কৰে। শিক্ষক গোটৰ সভাপতি প্ৰদীপ কুমাৰ খাওন্দ আৰু কোমৰ সমন্বয়ক ড' জন্মন্ত সন্দিকৈয়ে আঁত ধৰা কৰ্মপালাৰ উদ্ধাধনী অনুষ্ঠানত অন্যান্য আমত্রিত অতিথিৰ সৈতে মহুবিদ্যালয় পৰিচলনা সমিতিৰ সভাপতি হিতেন্দ্ৰ নাথ শৰ্মাই অংশগ্ৰহণ কৰে। অধ্যক্ষ ড দীপু শইকীয়াই আদৰণী ভাষণ ক্ৰিয়া কৰ্মশালাৰ আৰম্ভণিতে ভাষণ প্ৰবান কৰে ডিব্ৰুগড় বিশ্ববিদ্যালয়ৰ মহোবিদ্যালয় লৰ আৰভানত ভাষা অনুনা সংখ্যা আনুব সংগদ বিকাশ কেন্দ্ৰ, গুৱাহাটী অধ ৰসায়ন বিজ্ঞান বিভাগৰ প্ৰাক্তন মুৰবী অধ্যাপক ড ৰ শৈক্ষিক উপ-পঞ্জীয়ক ড° বিনোদ

World Philosophy Day observed at Dibrugarh University

DIBRUGARII, Nov 22
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উচ্চ শিক্ষাত পৰিৱেশ্য কলা ডিব্ৰুগড় বিশ্ববিঃৰ মহৎ পদক্ষেপ



ৰ্ডিব্ৰুগড় বিশ্ববিঃৰ মহৎ পদক্ষেপ

শ্ৰিক্তিকাড় বিশ্ববিদ্যালয়ত মিটিং ভাষা পাঠ্যক্রমৰ শুভাৰম্ভ
শ্রেলিক ক্ষাব পাহিব ভিদ্রমন্ত হ জেল সাবেলাল

THE ASSAM TRIBUNE FRIDAY, DECEMBER 4, 2015

DU hosts East Zone Vice Chancellors' Meet from today STAFF CORRESPONDENT preneurship. A special issue of the Uni-

DIBRUGARH, Dec 3: The sities (AIU), an apex body of brought out by the AIU. higher education in the coun try, is holding its two-day 'AIU East Zone Vice Chancellors Meet from tomorrow. The meet is being hosted by Di-brugarh University here. Altogether 34 Vice Chan-

cellors from various universities of the East Zone, comprising Jharkhand, Bihar, West Bengal, Eastern Uttar Pradesh and all the northeastern States, will be participating in the meeting, which will be presided over by Professor Furgan Qamar, secretary general, AIU. Sarat Borkotoky, Minister for Education, Pension and Public Grievances, will attend the event as the chief guest and inaugurate the

The theme of the meet is 'Higher Education towards Skill Development and Entre-

versity News, a weekly jour-nal of higher education will be

AlU joint secretaries Samp son David and Dr Veena Bh la are the AIU coordinators the meet, while Dr S Ra Devi Pani, Editor, Univers News, is the academic coc nator of the meet,

This meet has stupen significance as almost (Vice Chancellors and p

sionals are expected to participate in the deliberations Some measures to be adopted by Government, Chancel lors, Vice Chancellors and other university functionaries will be drawn from the deliberations of the meet.

The meeting will specifically lay emphasis on the relevance of present form of degrees offered by universities as also issues related to higher education towards skill development and entrepreneurship, Professor Furqui Qamar said.

জ্যাতিষ কুমাৰ পাতিৰ, ভিত্ৰপতি ।

তিন্তু প্ৰতি নিৰ্দেশ্য কৰিব পৰি বিশ্বপত্ন হ'ল বাই

তাতিত পোই নিৰ্দেশ্য পাতিৰ পাতৃৰ পৰা বিশ্বপত্ন হ'ল বাই

তাতিত পোই নিৰ্দেশ্য পাতৃৰ পৰা বিশ্বপত্ন হ'ল বাই

তাতিবলৈ নিৰ্দেশ্য প্ৰতি কৰিব নিৰ্দেশ্য প্ৰতি কৰিব লাগিব।

কালাকবালকাতে কোনাৰ আভাবোৰা পাতৃ লৈ উঠিব লাগিব।

কালাকবালকাতে কোনাৰ আভাবোৰা পাতৃ লৈ উঠিব লাগিব।

কালাকবালকাত কোনাৰ কিন্তু নিৰ্দেশ্য প্ৰতি আলাকবালকাত কোনাৰ নিৰ্দেশ্য কলাকবালকাত কোনাৰ কলাকবালকাত কোনাৰ কিন্তু নিৰ্দেশ্য কলাকবালকাত কোনাৰ কলাকবালকাত কোনাকবালকাত কোনাকবালকাত কোনাকবালকাত কোনাকব

সক্ষম নহ'ল। বিচিৎ জনপোষ্ঠীন ভাষা বিকাশন বাবে চৰকাৰে গ্ৰহণ কৰা সৰ্বজ্ঞে আশাহাৰ নহয়। 'ইনিয়ায় অসমীয়া ভাষাক ভূতীয় ভাষা হিচাপে ঠেব বছাটা ভাষাক সাধাম হিচাপে বছো সাহিত্য সভাই নিকাশ গ্ৰহণ কৰাৰ নিজত বিচিৎ জনপোষ্ঠিল ভাষাবিদ্যালয়লৈয়ে স্পষ্ট কৰিছা বিচিৎ জনপোষ্ঠিল ভাষাবিদ্যালয়লৈয়ে স্পষ্ট কৰিছা বিচিৎ জনপোষ্ঠিল ভাষাবিদ্যালয়াক কৰিছা বিচিৎ কৰিছা নাখাৰ হিচাপে ব্যৱহাৰ কৰিব বিচৰা নাই। আমি অসমীয়া নাখাৰ হিচাপে ব্যৱহাৰ কৰিব বিচৰা নাই। আমি অসমীয়া নাখাৰ হিচাপে ব্যৱহাৰ কৰিব বিচৰা নাই। আমি অসমীয়া নাখাৰৰ পৰা ওলাই ব'হল অসমীয়া ভাষাবৈ অনিশ্চয়ত।

নিটিং ভাষা পাঠ্যক্রন আলম্ভ কনাটো এটা নাইলাৰ বুটি বুলি
ভঙ্গের কৰে। বিশ্ববিদ্যালয়কানত ১৯৭৪ চনত আই ভাষা
পাঠানা কার্যপূর্ণটি প্রদানা ইন্দ্রিকা পানিত পাত্র ভাষা
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অভানত ইনিংমান বাহন্তটো ভাষা পাঠানা আহিছে সভানতান্তই
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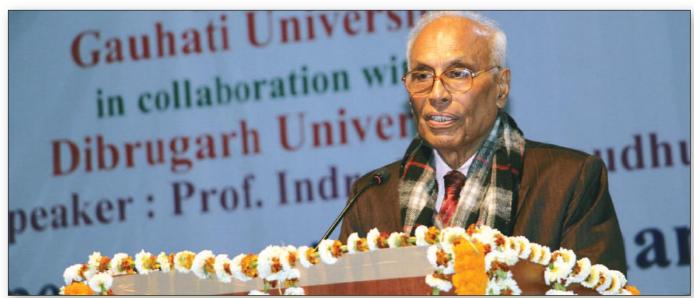
Making Dibrugarh open defecation free by 2019 'DU's role pivotal in bringing mass awareness'

DIBRUGARH, Dec 22: A Distriction of the college convention of the college principals, vice-principals, nodel lecturers and students was organised by the District Water and Sanitation Commit-tee (DWSC) in collaboration

Dibrugarh University at

colleges under Dibrugarh University can play a pivotal role in bringing mass awareness towards Open Defecation Free (ODF) and about behavioural change at the grassroot levels. He termed the partnership agreement as it is the first of its kind in the nation and expressed the nation and expressed the matter of the nation and expressed the colleges and about the partnership agreement as an it is the first of its kind in the nation and expressed the modertake similar partnership

12,823 students receive degrees at DU convocation



Professor Indranath Choudhury, formerly Professor of Delhi University delivering Bhupen Hazarika Memorial Lecture at Rangghar Auditorium on 23.02.2016 organised by Gauhati University in collaburation with Dibrugarh University.



Foundation laying ceremoni of the Common Sanitary Complex at Dibrugarh University Campus.



Presentation ceremony of the certification of appreciation to the selected employees of Dibrugarh University for oustanding performance during 2015 on the ocassion of the celebrations of the 67th Republic Day.



Mr Rajiv Yadav, IAS, Secretary, Minister of Youth Affairs & Sports, Govt. of India, addressing the students of the Centre for Management Studies on 18.02.2016.



A team of the students of the Dr Bhupen Hazarika Centre for Studies in Performing Arts participating in the Cultural procession at 31st Inter University National Youth Festival in Mysore University.



A scene from the play 'Ahar Mahar Edin' of renowned Indian dramatist, Mohan Rakesh, translated by Professor Nirajana Mahanta Bezbora and performed by the students of the Dr Bhupen Hazarika Centre for Studies in Performing Arts on 26th March, 2016 at Rangghar Auditorium of the University.



A cheering group of the Students from the Centre for Management Studies during the Varsity Week.



A snapshot of an artwork preserved in the museum of the Department of Anthropology, Dibrugarh University







A Biannual Newsfeed of Dibrugarh University

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