



International Workshop on "Emerging trends in Digital Visualization and Mapping"

International Workshop on "Emerging trends in Digital Visualization and Mapping" was conducted on 16th July 2019. The workshop is aimed at familiarizing students, researchers and faculty members about emerging trends/paradigms of data visualization; namely Virtual Reality (VR), Augmented Reality (AR), and Mixed Reality (MR) and their utility as research tools, are going to be a part of the discussion. Furthermore, this workshop will explore 3D mapping technologies such as ArcGIS, City Engine, Unity Game Engine to manipulate and analyze spatial/geographic data to better understand the urban spatial, historical context.

Participants of the workshop are faculties, students and research scholars from Jorhat Engineering College, Rajiv Gandhi University of Cooperative Management, Assam Women University, Royal Global University and NEIST Jorhat, Kaziranga University.

Participants experienced several real-world pedagogical projects as examples and how to tackle various pre-optimization issues with regards to web deployment. Experts discussed the entire 3D visualization pipeline (from asset creation to delivery; with examples) and discussed the complexity of the underlying framework. Experts also discussed user analytics of immersive experiences and shared some of their research findings on immersive VR applications. Lastly, the experts from Emory University showcased Emory University-Kaziranga University joint collaborative project "Spatial mapping of ancient Ahom Kingdom".

The eminent speakers are Dr. Kaushal Kumar Bhagat from IIT Kharagpur, Dr. Aryabrata Basu from Emory University USA, Dr. Micheal Page from Emory University USA, Prof. Tarun Kumar from Kaziranga University and Dr. Sajal Saha from Kaziranga University.

Photograph of the Event:



Brochure of the Event:



For More **Information** Contact
Dr. Sajal Saha
 Convenor, ETDVM – 2019
 sajalsaha@kazirangauniversity.in
 (+91) 94772 40461

International Workshop on

EMERGING TRENDS IN DIGITAL VISUALIZATION AND MAPPING

— 16th July 2019

Organized by **Department of CSE,**
 KU School of Engineering Technology
 and Management
 & School of **Computing Sciences,**
 Kaziranga University



About The Workshop

In this workshop, various emerging trends/paradigms of data visualization; namely Virtual Reality (VR), Augmented Reality (AR), and Mixed Reality (MR) and their utility as research tools are going to be part of the discussion. Furthermore, this workshop will explore 3d mapping technologies such as ArcGIS, City Engine, Unity Game Engine to manipulate and analyse spatial/geographic data to better understand the urban spatial, historical context. Participants will experience several real-world pedagogical projects as examples and how to tackle various pre-optimization issues with regards to web deployment. Experts are going to discuss the entire 3d visualization pipeline (from asset creation to delivery, with examples) and discuss the complexity of the underlying framework. Experts are going to discuss user analytics of immersive experiences and share some of their research findings on immersive VR applications. Lastly, the experts will showcase the urban spatial history initiative at Emory Center for Digital Scholarship, Emory University, USA.

Workshop Content

- Digital Visualization Lab's Role
- Augmented Reality
- Virtual Reality
- Mixed Reality
- 3D datasets
- Computational bottleneck
- Checklist for optimized simulation
- Examples – ECDS projects

Registration Details

- Students: Rs. 100/-
- Faculty Members: Rs. 500/-

For more details visit
www.kazirangauniversity.in

Distinguished Speakers

- | | |
|---|--|
|  | Dr. Aryabrata Basu
Visual Information Specialist, Emory University
Topic: Immersive Visualization and 3D Data Management |
|  | Dr. Michael Page
Dept. of Environmental Science, Emory University
Topic: The Power of Mapping Technology in Historical Analysis |
|  | Dr. Kaushal Kumar Bhagat
IIT Kharagpur
Topic: Role of Emerging Technologies in Enhancing Science Learning |
|  | Prof. Tarun Kumar
Registrar,
Kaziranga University
Topic: Emerging Trends in VR & AR |
|  | Dr. Sajal Saha
Dean Research, Kaziranga University
Topic: Application of Augmented Reality in Simulation Based Learning |



Workshop on Basic Mathematics

A Basic Mathematics Workshop for the School of Basic Science "Without mathematics, there's nothing you can do. Everything around you is mathematics" With this regard, Kaziranga University and the School of Basic Sciences organized a two day "Basic Mathematics" on 22nd and 23rd July, 2019. The workshop was aimed at enhancing the basic mathematics skill for the students of Basic Science. The program was coordinated by Dr. Pallabi Saikia from the Department of Mathematics, Kaziranga University. The workshop witnessed the presence of more than 120 student participants from the same school. The program was graced by eminent speakers invited from different regions of Assam. The distinguished speakers of the workshop were: Dr. Raphael Saikia, JIST, Jorhat. Mr. Krishna Gogoi, DCB College, Jorhat. Ms. Sangita Baruah, DKD College, Golaghat. Dr. Santanu Acharjee, DR College, Golaghat. Dr. Manash Jyoti Borah, Bahona College, Jorhat. Overall, the Workshop was a big success and it received positive feedback from the participants.

Photographs of the Event:



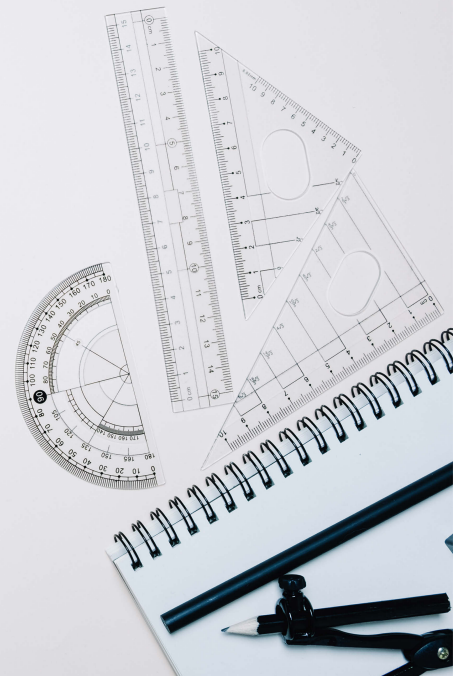
Brochure of the Event:



Workshop on
BASIC MATHEMATICS
22nd & 23rd July, 2019

Organized by
Dept. of Mathematics
School of Basic Sciences

Venue
SOB Seminar Hall




Train the Trainer Program

“Train the Trainer Program conducted by CSE in association with IBM Date of Event:- 29th to 31st July 2019 Venue:- IBM LAB The Department of CSE, in collaboration with IBM organized a three days T3 (Train The Trainer) program on the topic “Social Web and Mobile Analytics” from 29th July-31st July 2019. The program was headed by Dr. Manish Jain was the subject matter expert and gave valuable insights into the topic of discussion. Dr. Manish Jain demonstrated, with the help of audio- visual tools, the different Web (Google takeaway) and Social Media (Twitter, Facebook, LinkedIn) user data retrieval and analysis through R Language. This type of analysis is furthermore helpful for user sentiment analysis of certain phenomena and in digital marketing as well. The program witnessed participation from the faculties of the Department of CSE as well as the School of Computing Science. The overall takeaway from the program was very impressive.

Photograph of the Event:



Brochure of the Event:



KAZIRANGA UNIVERSITY
KNOWLEDGE & BEYOND

Workshop on

Train the Trainer Program conducted by CSE in association with IBM

Date: 6th August 2019

Key Speakers

Dr. Manish Jain, IBM India





Seminar on Construction Material

The department of Civil Engineering organized a seminar on “Construction materials” sponsored by JK Cement Ltd. Distinguished speakers from JK Cement Ltd. Mr. Neelanjan Bhattacharjee and Mr. Swarupanda Paramanik delivered the talk to 120 students along with Prof. Tarun Kumar (Registrar), Prof. (Dr.) Ashwini Sharma, Dean- SET and various other members from the fraternity on 08-08-2019.

Schedule of the Event:

CONSTRUCTION MATERIAL SEMINAR			
VENUE - SET SEMINAR HALL			
TIME - 10:30 am TO 1:45 pm			
	ACTIVITY	NAME	TIME
1	WELCOME SPEECH & PRODUCT SPECIFICATIONS AND DETAILS OF SPEAKERS	ATLANTA KAKOTI- ANCHOR	10:30 - 10:40 am
2	SPEECH BY DEAN	DR ASHWINI KR KUMAR SHARMA DEAN SET	10:40 - 10:50 am
3	SPEECH BY REGISTRAR	PROF. TARUN KUMAR	10:50 - 10:55 am
4	SPEECH BY VC	Dr P K MISHRA	10:55 - 11 am
5	FELICITATION	DEAN SET, REGISTRAR	11 - 11.05 am
6	SPEECH BY GUEST 1	Mr. NEELANJAN BHATTACHARJEE	11:05 - 12:05 pm
7	TEA BREAK (KU)	FOR GUEST	12:05 - 12:20 pm
8	PACKET LUNCH (By JK Cement)	FOR STUDENTS AND FACULTY	12:05-12:20 pm
9	SPEECH BY GUEST 2	Mr. SWARUPANDA PARAMANIK	12:20 - 1:20 pm
10	TOKEN OF LOVE FROM JK	GIFTS FOR STUDENTS AND FACULTY MEMBER	1:20 - 1:30 pm
11	VOTE OF THANKS	HOD - CIVIL ENGG AND INTERESTED STUDENTS	1:30 - 1:45 pm
12	LUNCH	GUEST AT KU GUEST HOUSE	From 2 pm

Photographs of the Event:



Brochure of the Event:

 **KAZIRANGA UNIVERSITY**
KNOWLEDGE & BEYOND

 **JK WHITE CEMENT**
THE PERFECT WHITE

Kaziranga University in association with JK Cement Ltd.
Presents

PRODUCT SEMINAR ON

White Cement & it's allied products	Cement Concrete
by	by
Neelanjan Bhattacharjee	S Pramanik
CTS Dept. J K Cement Ltd.	CTS Dept. J K Cement Ltd.

8th August, 2019



Workshop on Mathematics for All

1. Objective: Mathematics is an amazing and beautiful intellectual creation, one of the deepest endeavours of the human race. The present workshop was organized with an objective to the benefit of the new students of the School of Basic Sciences and its different interesting facets of applications to solve real life problems. This workshop will also give a chance to the participants to interact with the speakers from prestigious institutions, faculty members and students of the department of mathematics of the Assam Kaziranga University.

2. Speakers: The Workshop had a record of three speakers, all eminent experts in the field of mathematics. The details of speakers and their delivery topics as follows:

Speakers	Topics
Dr. Pallabi Saikia, Dept. of Mathematics, The Assam Kaziranga University, Jorhat	Introduction to matrices
Dr Dimpal Jyoti Mahanta, Dept. of Mathematics, The Assam Kaziranga University, Jorhat	A Journey from point to derivatives
Dr Biju Kumar Dutta, Dept. of Mathematics, The Assam Kaziranga University, Jorhat	Numerical Analysis and application
Dr. Jayanta Bhattacharyya, Dept. of Mathematics, The Assam Kaziranga University, Jorhat	Basic on coordinate geometry.
Mr. Sarfraz Ahmed, Dept. of Mathematics, The Assam Kaziranga University, Jorhat	Introduction to ODE
Mr. Anil Bhatia, SoB, The Assam Kaziranga University, Jorhat	Basics on probability theory.

3. Participants: Participation was invited from the School of Basic Sciences, The Assam Kaziranga University. The workshop witnessed the presence of more than 130 student participants from the School of Basic Sciences. Speakers Topics Dr. Pallabi Saikia, Dept. of Mathematics, The Assam Kaziranga University, Jorhat Introduction to matrices Dr Dimpal Jyoti Mahanta, Dept. of Mathematics, The Assam Kaziranga University, Jorhat A Journey from point to derivatives Dr Biju Kumar Dutta, Dept. of Mathematics, The Assam Kaziranga University,

Jorhat Numerical Analysis and application Dr. Jayanta Bhattacharyya, Dept. of Mathematics, The Assam Kaziranga University, Jorhat Basic on coordinate geometry. Mr. Sarfraz Ahmed, Dept. of Mathematics, The Assam Kaziranga University, Jorhat Introduction to ODE Mr. Anil Bhatia, SoB, The Assam Kaziranga University, Jorhat Basics on probability theory.

4. Inauguration: A two-day Workshop on “Mathematics For All” was organized by Department of Mathematics, The Assam Kaziranga University, Assam from 21st to 22nd August, 2019. The workshop was sponsored by the Assam Kaziranga University. It provided a platform for the young generations studying in degree or post-graduate programme in the school of Basic Sciences to inter-act with the academicians from prestigious institutions, faculty members and students of the Department of Mathematics of the Assam Kaziranga University. More than 130 students of the School of Basic Sciences of the host university participated in the workshop and get benefited. In the inaugural function, Dr. Pallabi Saikia, Assistant Professor of Department of Mathematics, welcomed the gathering. Pre-Conference Workshop was inaugurated by Registrar, The Assam Kaziranga University and speaker with the auspicious lightening of lamp and felicitation by the students of mathematics. Then Prof. (Dr.) Jayanta Kumar Sarmah, Dean (School of Basic Sciences & Student Affairs), Kaziranga University who talked about the importance of workshop and its uses. He also talked about the Department of Mathematics which has come up in the premises of university to develop mathematics in and around area. Finally, Dr. Dimpal Jyoti Mahanta, HOD of Mathematics proposed vote of thanks. In his address, he thanked the academics, the fellows, the participants for having made the workshop a great success.

Photographs of the Event:



Brochure of the Event:

Workshop On
MATHEMATICS FOR ALL
Organised By Dept. Of **Mathematics, KU**

21st-22nd August, 2019 SOB Seminar Hall

www.kazirangauniversity.in

The brochure features a circular graphic with mathematical symbols and a desk with a calculator, smartphone, and stationery. The text is centered and uses a mix of white and yellow colors on a dark red background.



Workshop on Weather Forecasting, Crop Planning, Soil Health Management, Promoting Fishery and making housing cost effective, durable and resilient in the flood affected areas of Golaghat District in collaboration with Humanitarian Aid International

Kaziranga University in collaboration with Humanitarian Aid International and North East Affected Area Development Society organized a knowledge sharing workshop on 27th August, where data on post flood situation in two villages of Golaghat district of Assam was collected through Drone Technology. The data was further analyzed through Artificial Intelligence, triangulated with local knowledge which was shared with multi-stakeholders-community, civil society organizations, panchayati raj institutions and government agencies for devising an effective response and preparedness mechanism. This was a first of its kind initiative in North East where drone technology and artificial intelligence were used for making the loss, damage and need assessment in the aftermath of a disaster. KU and HAI are looking forward to a larger collaboration with Government Assam and Civil Society Organisations in making a holistic intervention in Majuli Islands.

Photographs of the Event:



Brochure of the Event:



**KAZIRANGA
UNIVERSITY**
KNOWLEDGE & BEYOND

Workshop on

Weather Forecasting, Crop Planning, Soil Health Management, Promoting Fishery & Making housing cost effective, Durable & Resilient in the flood affected areas of Golaghat District in collaboration with Humanitarian Aid International (HAI)

Organized by: **Kaziranga University in collaboration with Humanitarian Aid International and North East Affected Area Development Society**

Date: 27th August 2019



Humanitarian Aid International
HAI
लोकः समस्ताः सुखिनो भवन्तु





National Seminar on recent challenges in smart grid

The Department of Electrical Engineering of KU School of Engineering and Technology and Management, Kaziranga University organized a one-day seminar on "RECENT CHALLENGES IN SMART GRID" on 27th August 2019. The key objective of the seminar was to make the participants aware of the various technologies that have been incorporated for the realization of a Smart Grid system of the electrical power network and the challenges there in as well as the means to overcome those challenges. Distinguished speakers in academics like Prof. Sadhan Mahapatra from Tezpur University who is a prominent figure in the field of Renewable energy and its integration with the Smart Grid, Dr. Aditya Bihar Kandali, Jorhat Engineering College (Assam), Dr. Mrinal Buragohain, Jorhat Engineering College (Assam), Shri Barnam Jyoti Saharia, Tezpur University (Assam) and industry expert from Numaligarh Refinery Limited Shri Sameer Kundu delivered their insightful and resourceful talks along with Prof. Tarun Kumar (Registrar, Kaziranga University), Prof. Ashwini Kumar Sharma (Dean, SET, Kaziranga University). Department of Electrical Engineering offers their immense thanks to all eminent guests and to the participants for such an excellent event.

Brochure of the Event:

<p>About the University Spanning across 80 acres of nature-enhanced campus, KU is a multidisciplinary educational centre of excellence. It was established under the Assam Private Universities Act, 2007 (Act No. 15 of 2007) as a university in accord with Section 10 of the University Grants Commission Act, 1956 and approved by AICTE. KU believes in the learning of individuals, combining the variety of its natural environment with state-of-the-art academic facilities.</p>	<p>Contact Us Directly ☎ (+91) 97419 11478 ☎ (+91) 70020 42963 ☎ (+91) 86340 37834 ✉ crs@pse.edu.in</p>	<p>National Seminar on RECENT CHALLENGES IN SMART GRID NSRCSG - 2019 27th August 2019 Organized by Department of Electrical Engineering School of Engineering & Technology Kaziranga University</p>
<p>Objective of the Seminar Smart grid is emerging as a new level of power delivery. It encompasses numerous advanced technologies in data, security, protection, with conventional electrical network. Though it needs to resolve many of these issues, it still has many challenges in deployment. This seminar is aimed at creating a smart grid environment among electrical faculty, industry professionals and practitioners about recent development and challenges in smart grid.</p> <p>Benefits of the Seminar This seminar will offer a platform for existing students, faculty, researchers and industry professionals to identify new approaches to enhance operations, control, development and protection of the smart grid system.</p>	<p>Accommodation Limited paid accommodation may be arranged in the University campus on prior intimation subject to availability.</p> <p>Weather Warm & moderate to moderate climate in the month of August. The average temperature is around 38°C with occasional rainfall.</p> <p>How to Reach The University campus is situated about 14 km away from Jorhat city and is well connected with flight from one side. The nearest airport is Jorhat and nearest railway station is Mariani Junction.</p> <p>Registration Details • KU Campus: 88 2020 • Outside Students: IN 300/- • Outside Faculty: Member INR 600/-</p> <p>Organizing Team Chief Patron: Dr. Biswanath Mahapatra, Prof-Chancellor, KU Patrons: Dr. P. N. Mahanta, Vice-Chancellor, KU Mr. Anjan Chikara, Director, KU Co-Patrons: Prof. Tarun Kumar, Registrar, KU Chairman: Dr. Jyoti Saharia, Director, SET, KU Head & Patron, Organiser: Dr. P. N. Mahanta, VC, KU Mrs. Prasenjit Barua Convener: Mr. Prasadjit Lathia Co-Convener: Mr. Deepankar Talukder Secretary: Mr. Anand Mohanta Organizing Committee: • Dr. Sameer Kundu, Numaligarh Refinery Limited, Assam • Dr. Prasenjit Barua, Assam A/E No. 138/24/0182</p>	<p>REGISTRATION FORM NSRCSG - 2019 27th August 2019</p> <p>Name: _____ Designation: _____ Address for Communication: _____ E-mail: _____ Phone No: _____ Preferred Accommodation (Please Tick) <input type="checkbox"/> In-house Accommodation <input type="checkbox"/> Self arranged <input type="checkbox"/> Requested Registration Fee (Please Tick) <input type="checkbox"/> Cash <input type="checkbox"/> Demand Draft Debit Card No. _____ Date: _____</p>
<p>Distinguished Speakers</p> <p>Dr. Biswanath Mahapatra Associate Professor Department of Energy Tezpur University, Tezpur, Assam</p> <p>Dr. Aditya Bihar Kandali Associate Professor & IOD Department of Electrical Engineering Jorhat Engineering College, Jorhat, Assam</p> <p>Dr. Mrinal Buragohain Associate Professor Department of Electrical Engineering Jorhat Engineering College, Jorhat, Assam</p> <p>Mr. Barnam Jyoti Saharia Assistant Professor Department of Electrical Engineering, Tezpur University, Tezpur, Assam</p> <p>Mr. Sameer Kundu General Manager (Electrical), Numaligarh Refinery Limited, Gangajati, Assam</p>		

Schedule of the Event:

Time Session/Speaker

9:15am –9:45am Registration

9:45am – 10:15am Inauguration Ceremony

10:15am –10:45am High Tea

10:45am – 12:00pm Keynote address by Dr. Sadhan Mahapatra, Tezpur University

12:00pm – 1:00pm Keynote address by Mr. Samir Kundu, Numaligarh Refinery Limited

1:00pm – 2:00pm Lunch Break

2:00pm – 3:00pm Keynote address by Mr. Barnam Jyoti Saharia, Tezpur University

3:00pm – 4:00pm Keynote address by Dr. Aditya Bihar Kandali, Jorhat Engineering College

4:00pm – 5:00pm Keynote address by Dr. Mrinal Buragohain, Jorhat Engineering College

5:00pm – 5:15pm Certificate Distribution

5.15pm - 5.25pm Vote of Thanks

5.25pm - 5.30pm Group Photo



Interactive session on Prospectus and Problems of Indian Tourism Industry

An interactive session on Prospectus and Problems of Indian Tourism Industry was conducted on 22nd September, 2019.

Resource team : A group of 11 German Delegates along with the chairman of the IPR HOLIDAYS, one German translator and one local escort.

Participant's Profile: The Deans of SOB and SET, Associate Dean of SET, students of BBA, Tourism, and some of the administrative personnel along with a few of the SOB Faculty members, participated.


The team was welcomed by the Deans of SOB and SET and the discussion was arranged in the SET Conference Hall, ground floor, administrative block. Prof. Rupak Gupta, Dean SOB, Prof Ashwani Kumar Sharma, Dean SET and Prof. Diganta Munshi, Associate Dean SET, placed the welcome note, followed by a briefing on Kaziranga University. The guests introduced themselves, and the discussion began with a round of question –answer session from both the ends. The students took active participation in the session and learned about different cultures and ways to develop the tourism industry in India. The delegates suggested ways to improve the tourism industry and placed their expectations before the house. Most of the delegates have visited India several times and they unanimously agreed that the tourism industry is developing day –by-day. After the discussion, high-tea was served under the supervision of Ms. Rashmi Rekha Goswami followed by a photography session on traditional attire organized by the students of BBA tourism. The Dean and Associate Dean of SET, took the guests around for a campus tour along with the other members present. The entire programme was coordinated with the support of the Dean of SOB, Dean of SET and Associate Dean of SET, administrative staff members and a few faculty members of SoB.

Photographs of the Event:





Brochure of the Event:

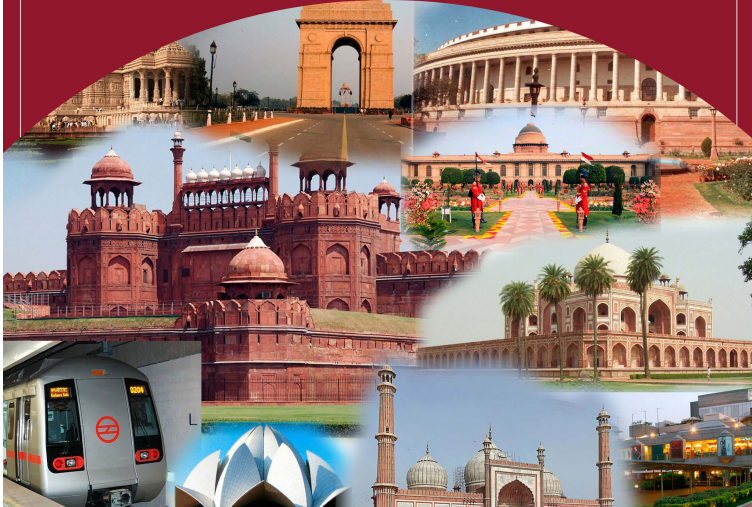
 **KAZIRANGA UNIVERSITY**
KNOWLEDGE & BEYOND

Interactive session on

Prospectus and Problems of Indian Tourism Industry

Organized by: **School of Business, Kaziranga University**

Date: 22nd September, 2019





Workshop on Post Disaster Loss, Damage and Need Assessment in Golaghat District of Assam

Financial Support : HCL Foundation, New Delhi

Implementing Partner: Humanitarian Aid International (HAI), New Delhi Local Civil Society

Partner: North East Affected Area Development Society (NEADS), Jorhat

Knowledge Partner : Kaziranga University(KU), Jorhat

Technology Partner: Invent Grid, Ahmadabad

Humanitarian Aid International (HAI) received a grant from HCL Foundation for the project titled "Early recovery support to the flood-affected people in Golaghat district, Assam", mainly focuses on revival of livelihood activities, rights & entitlements, Disaster Risk Reduction (DRR) and resilience. The project objective is for restoration of normalcy among 600 flood-affected families from the villages through immediate relief and early recovery support. In this context HAI requested Kaziranga University to be the knowledge partner in the initiative. Needless to mention that, KU has been responding to disasters like floods by providing some relief materials and handholding support to the community for availing their entitlements since last three years. A detailed discussion on this partnership was held in the residential office of the Vice Chancellor Dr P. K. Mishra where Prof Tarun Kumar, Prof(Dr) Braja Mishra, Prof(Dr) PG Ramesh, Dr G.B.Patra represented KU; Mr N.M.Prusty, Mr S.S.Singh, Mr Rakesh Ranjan represented HAI; Mr Tirtha Saikia represented NEADS.

In the context of building a formal partnership an MoU was signed between KU and HAI. It was signed by and exchanged between Prof(Dr) Braja Mishra, Dean, School of Social Sciences and Mr S.S.Singh, CEO of HAI in the presence of Prof Tarun Kumar, Registrar, Kaziranga University.

The main areas of collaboration are :

1. HAI shall engage, utilize and leverage the facilities available with KU, its students and faculty resources to work on its' projects and assignments in and around the state of Assam and other Northeast States. (Number of days, terms & conditions, nature of aforesaid engagement, work and assignments shall be mutually decided by both the parties). Similarly KU shall engage, utilize and leverage the facilities available with HAI, its expertise /resources to work on the activities of mutual interest.
2. HAI experts shall as and when agreed visit KU Campus to conduct & deliver lectures, seminars, symposiums and workshops on agreed subjects. Similarly KU experts may be roped in for delivering lectures, conducting seminars , symposiums and workshops on agreed thematic areas.

3. KU & HAI can jointly undertake research and action research programmes in the areas of Disaster Risk Reduction (DRR), Climate Change Adaptation(CCA) and Sustainable Development in Assam and other North East

4. Initially, this MoU shall be valid up to one year from the date of signing (16th Aug, 2019) , with an efficacy review, if required, afterwards. MoU can be extended or terminated based on the review as and when required.

5. Both parties agree to support each other's vision and mission suitably and appropriately

Outcome

A. Post-disaster Loss, Damage Need Assessment (PDNA)

Under the existing project one important activity was Post-disaster Loss, Damage Need Assessment (PDNA) through Drone technology and Artificial Intelligence. In partnership with InventGrid, a young technology startup, the drone technology and artificial intelligence was used for the implementation of the drone and AI based damage

assessment in two square km area in the flood affected region of Golaghat. The activity was jointly undertaken by KU, HAI, NEADS, InventGrid with support from the community. It was first of its kind in Assam and Northeast that drone technology and artificial intelligence was used to assess the damages done by the flood which marooned the crop land for more than a month. On 24-25 Aug, 2019 drones were flown on

two villages such as Mazdolopa and Dhansiri Temera on pilot basis and their findings were triangulated with the local knowledge/wisdom derived from the community.

B. Drone for Humanity (DfH)

A message on Drone for Humanity was shared in the workshop

1. DfH is a Techo-Humanitarian Platform that would continuously work on the application of technology in various facets of development-humanitarian nexus in other words mainstreaming DRR into development that is the stated policy of the Govt of India.

2. DfH will bring together individuals and institutions having interest and commitment to pursue technology aided humanitarian action meaning use of technology in all phases of DRR cycle.

3. DfH will be an inclusive platform of all Techo-Humanitarian professionals and institutions. It will include various academic and knowledge institutions with interest to work in the development-humanitarian nexus, individuals with interest in various facets of technology not necessarily limited to drone and artificial intelligence though it will remain as the core focus.

4. DfH will function neither in a charity mode nor on purely commercial mode. All its activity will be at Humanitarian cost. For that purpose it could access both grant fund as well as social venture fund.

5. It will have national, state and local (district) level platforms. The possibility of an international format could be explored in future if needed.

6. Initially DfH will have free membership and remain as an informal platform but as it grows appropriate fee structure and organization structure could be explored.

7. DfH besides working with other networks and organizations will actively engage with the government and business sector to bring convergence for better impact. Demystifying humanitarian cost and blended capital (mixture of grant and revenue based earnings) will help the technology driven startups , which will be able to see social value in their efforts and thus the outcome of their efforts will greatly benefit the social development as well as the humanitarian sector.

8. DfH will also promote all forms of technology applications not merely limited to drone and artificial intelligence. For instance it will help create an Accountability Dashboard jointly with technology institutions and humanitarian/development institutions. Another area of possible role for DfH could be to bring in data convergence between weather data, soil data and marine data so that the farm sector can immensely benefit.

9. While all the above could be the continuous activity of DfH there will be certain activities during and post disaster. This will include but not limited to mobilising DfH members from around the disaster location to come together quickly and support the SAR (Search and Rescue)activities, life saving supports to the affected community, rapid needs assessment, PDNA etc. The members can go beyond their assessment work even to project monitoring and evaluation tasks like base line, mid line and end line development tasks etc. Their efforts will help improving the quality of project design, implementation and measuring output, outcomes and impact too. It can complement social audit, grievances management too.


C. Way Forward

Kaziranga University, Humanitarian Aid International , and North East Affected Area Development Society have come together to initiate a new beginning in the humanitarian and development sector. The consortium would work in tandem with the government agencies, research institutions like NEIST and universities in Assam and North East to undertake a comprehensive need assessment for piloting a Community driven development action plan in at least one gram panchayat of disaster prone Majuli islands. By the end of 2019, the need assessment for the Development Plan shall be ready.

Photographs of the Event:




Brochure of the Event:


 **KAZIRANGA UNIVERSITY**
KNOWLEDGE & BEYOND

Workshop on
**Post Disaster Loss,
Damage and Need
Assessment in
Golaghat district of
Assam**

Organized by: **Kaziranga University** in collaboration
with **Humanitarian Aid International (HAI)**

Date: 23rd to 28th October 2019

 **Humanitarian Aid International**
HAI
लोकः समस्ताः सुखिनो भवन्तु





UN Day Celebration

To commemorate the UN Day, the School of Social Sciences, Kaziranga University organized observation of UN Day on 30th Oct, 2019, where students of all the six schools and Jorhat Engineering College participated. In the morning hour a Quiz Competition was organized where the students of six schools of Kaziranga University and Jorhat Engineering College(JEC).

The subjects of Quiz was mostly on UN History, its various institutions, activities and India's role in strengthening international understanding, democracy and peace building initiatives. The Winner was the team represented from the JEC and the runners up was the team represented from the School of Social Sciences.

The Quiz Master was Mr Tshering Lepcha , Asst Professor and he was supported by Ms Rajashree Saharia, Asst Professor and Prof(Dr) Braja S. Mishra. In the afternoon the formal programme on UN Day started where Dr P.K. Mishra, Hon'ble Vice Chancellor of Kaziranga University was the Chief Guest, Dr Aswini Sarma, Secretary General of UNSECO Association Guwhati and Mr Tanuj Goswami, President Youth Hostel Association of Assam were the Guests of Honour. It was moderated by Dr Braja S. Mishra, Dean, School of Social Sciences.

Dr Braja S. Mishra welcomed the guests, and participants and delivered an introductory speech on the history of UN and the role India played at different points of time. Dr. Aswini Sarma, Secretary General of UNESCO Association of Guwahati spoke about the objectives of UN and its subsidiary institutions.

The UN is to promote peace and understanding among the world nations and to prevent conflicts and wars from happening. He also explained about the important of Veto power, and how negative voting from among the five nations impacts one's decision. He read out a message from the UN Secretary General on the occasion of UN Day, how the UN is working towards reducing hunger, gender equality, climate change, spread access to education etc. He also explained in brief about the work of UNESCO. The UNESCO works with the people of this region of different culture, education and sustainable development.

As first step of the collaboration with UNESCO Association, an UN Corner would be created in the library of Kaziranga University, where reference books were donated by UNESCO Association. He said there would be series of activities , such as providing UNESCO fellowship for the teachers of Kaziranga University for undertaking doctoral and postdoctoral studies abroad and India, starting some academic programme like short term course on UN and International Understanding, opening Un resource centre and UNESCO Wild life Club. Dr P. K. Mishra Hon'ble Vice Chancellor delivered his talk on how youth can bring a change in the landscape of development. He stressed that human being is the only destroyer of natural resource base of the world which can only be saved if every human being behaves responsibly and work towards

sustainable development. The UN Corner in the Libraray was inaugurated by Dr P.K. Mishra and Dr Aswini Sarma in presence of Deans , Faculty members and Librarian. At the end a cultural programme was staged by the students of Social Sciences. Vote of thanks was proposed by Ms Baiarbha Massar, Asst Professor.

Photographs of the Event:



Brochure of the Event:



UN Day Celebration & Inauguration of UN Section in KU Library

Organized by: **School of Social Sciences** in collaboration with UNESCO Association, Guwahati

Date: 30th October, 2019





Seminar on Recent Trends in VLSI

Department of Electronics and Communication Engineering, School of Engineering & Technology, Kaziranga university organized a seminar on Recent Trends in VLSI for ECE students on 30-10-19. Expert Dr. Pranab Kumar Dutta (Department of ECE) from North Eastern Regional Institute of Science and Technology, Arunachal Pradesh presented the recent research going on Integrated Circuits, their future aspects, their scopes in India. 37 students participated in the seminar.

Photographs of the Event:



Brochure of the Event:

KU KAZIRANGA UNIVERSITY
KNOWLEDGE & BEYOND

Expert Talk on Recent Trends in

VLSI DESIGN 30th OCT 2019

Guest Lecturer
Dr. Pranab Kumar Dutta
Asst. Prof., ECE, NERIST, AP

Organized By

Department of ECE
School of Engineering & Technology
The Assam Kaziranga University

www.kazirangauniversity.in

Time: 2:30 pm

Venue: SOB Conference Hall



Three day workshop on “Analysing Business Data using Microsoft Excel”

Three Day Workshop on ‘Analyzing Business Data using Ms. Excel’ was conducted from 14th to 16th November 2019 by Mr. Ravi Kumar from PowerBIFox Speakers’ Profile: Mr. Kumar is a Microsoft Certified Solutions Associate (MCSA)- BI Reporting, Microsoft Certified Professional and Microsoft Office Specialist- Excel Expert from Hyderabad. He is an Excel enthusiast and conducts training workshops for Microsoft Excel and is also into Business Intelligence consulting. He regularly updates blogs and runs www.excelsage.org, a website dedicated to MS Excel tips and tricks.

Participants Profile: Students of MBA, MBA (BFS) and MBA (EM) from SOB. There were a total of 48 numbers of students who participated in the workshop.

The workshop was an intensive workshop where the first two days was utilized for full content explanation and one day for rigorous practice. Starting from the very basic features of Excel to the high level functions, an in-depth insight was provided during the session. The main topics covered in the workshop includes managing cells and worksheets (background of excel and backstage view), analyzing and organizing data (conditional formatting, data validation, using slicers, sub-totals, pivot tables, pivot charts), functions and formulae, charting and so on. The entire workshop was run in a problem-solution approach. Business scenario problems in terms of data analysis were used which were solved using Excel’s Functionality. Students were able to know how to use Excel’s features in a productive way and learn various intricacies of the Microsoft Excel environment. At the end of the session, students were given materials consisting of study materials and practice files for use in future.

Photograph of the Event:



Brochure of the Event:



Workshop on

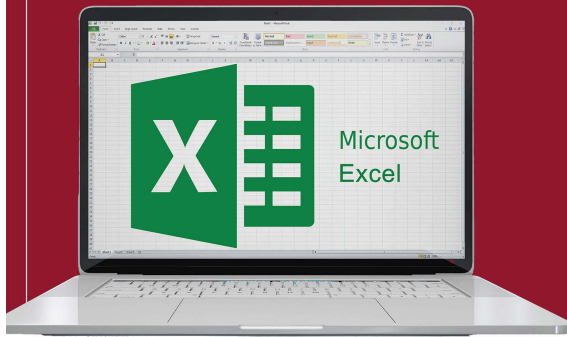
Analyzing Business Data using Ms. Excel

Date: 14th November to 16th November 2019

Key Speakers

Mr. Ravi Kumar,

Microsoft Office Specialist- Excel Expert from
PowerBIFox, Hyderabad





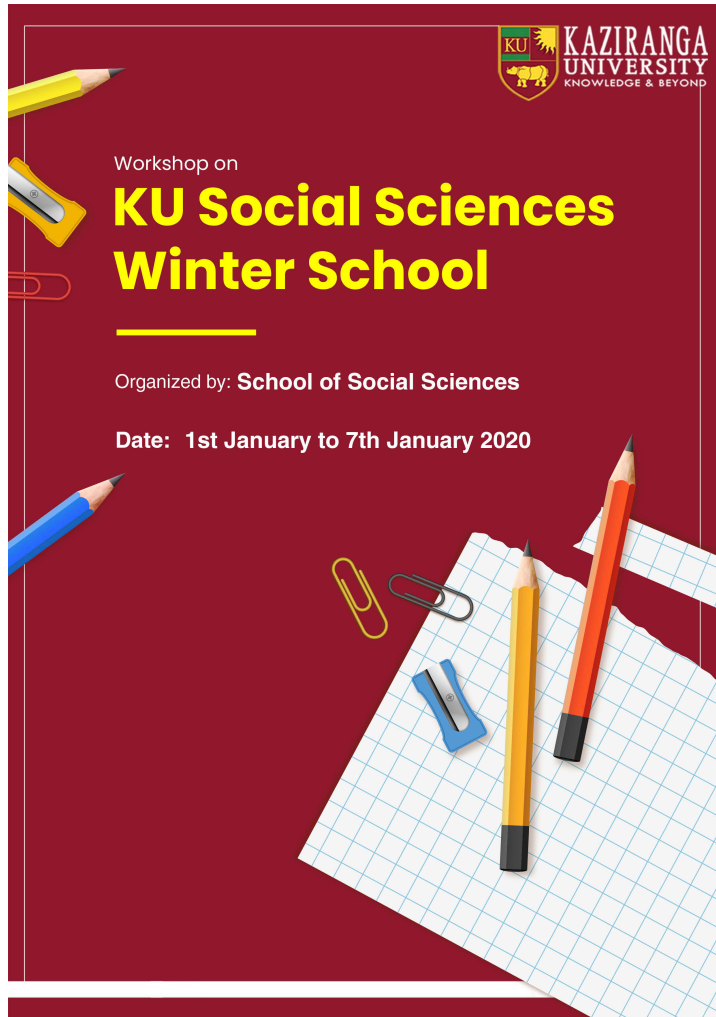
KU Social Sciences Winter School Workshop

The Five Days Social Sciences Winter School Workshop, a multidisciplinary induction programme for students of Social Sciences addressing issues related to Culture, Heritage, and Sustainability organized by School of Social Sciences, The Assam Kaziranga University and hosted by Lepcha Homestay, Lingthem, Dzongu successfully concluded on 1st January 2020. The intensive field-based workshop integrated interdisciplinary approaches related to Heritage, Oral Narratives, and Sustainability. In sum total, the workshop was designed to provide an academic platform to scholar participants in sharing ideas, views and epistemology regarding the community-based knowledge systems, which is different from the ones that drive the modern nation-states. The Winter School Workshop was the first of its kind in Sikkim. The inaugural address was held on 28th December 2019 at Gangtok. The field-based study commenced from 29th December onwards at Dzongu, North Sikkim and was complimented through class-based learning sessions by resource persons with expertise on diverse social sciences.

Photographs of the Event:



Brochure of the Event:



Workshop on Bit-By-Bit

The School of Computing Science had conducted a Code Training and Contest event: “Bit-by-Bit”. It was a 2 day event. After every session, a contest was done among the participants.

The schedule of the workshop along with the workshop topic was as follows:

1. “Create Your Virtual World in Cloud” by Dr SajalSaha 31st January 2020
2. “Secured Web Design” by Mr Prabhat Das (Guest Speaker) 1st February 2020

Photographs of the Event:



Brochure of the Event:

TALENT TANTRA | 2020 | PRESENTS

BIT BY BIT
WORKSHOP QUIZ CERTIFICATION

1st Feb | 2nd Feb

IBM
aws

Create your virtual world in Cloud
By Dr. Sajal Saha

Secure web design
By Mr. Prabhat Das

WIN ATTRACTIVE PRIZES

Contact Us :
Nabajyoti : 8638552856
Raju : 7002580716
www.talentsantra.com

Rs.500 - Individual Participation fees for this workshop.

Workshop on Secured Web Design

The School of Computing Science had conducted a Code Training and Contest event: “Bit-by-Bit”. It was a 2 day event. After every session, a contest was done among the participants.

The schedule of the workshop along with the workshop topic was as follows:

1. “Create Your Virtual World in Cloud” by Dr SajalSaha 31st January 2020
2. “Secured Web Design” by Mr Prabhat Das (Guest Speaker) 1st February 2020

Photographs of the Event:



Brochure of the Event:

TALENT TANTRA | 2020 | PRESENTS

BIT BY BIT
WORKSHOP QUIZ CERTIFICATION

1st Feb | 2nd Feb

IBM
aws

Create your virtual world in Cloud
By Dr. Sajal Saha

Secure web design
By Mr. Prabhat Das

WIN ATTRACTIVE PRIZES

Contact Us :
Nabajyoti : 8638552856
Raju : 7002580716
www.talentsantra.com

Rs.500 - Individual Participation fees for this workshop.



Workshop on Innovation in Artificial Intelligence, Virtualization, Cloud computing, and Augmented Reality

The School of Computing Sciences of The Assam Kaziranga University and JB College, Jorhat jointly conducted a technical workshop on “Innovation in Disruptive Technologies” for the students of JB College on the 12th-13th of February 2020. It includes all the undergraduate students from science, Arts and Commerce. It is a CSR initiative and the aim of the session was to technically motivate the students in the above mentioned topics. The entire workshop was led by Dr. Sajal Saha along with Dr. Purnendu Bikash Acharjee, Dr. Prashant Jyoti Gautam and Mr. Debanuj Khaound. It was an inspiring technical session led by the KU Faculty team. The students got to learn a lot about “Virtualization and Cloud computing”, “Artificial Intelligence and Augmented Reality”, “Innovation as a driver for Science and Technology” and “Marketing in the Digital World”. The students were very enthusiastic in all the sessions and all of their doubts were very graciously cleared by the resource persons.

Photograph of the Event:





Internal Hackathon for Smart India Hackathon 2020

IIC Ku has organized a 12 hours Hackathon event named STORM PATH KU (internal Hackathon for Smart India Hackathon 2020) on 22nd February 2020. The idea behind the Hackathon is to explore the talent of the student in the context of the problem solving skill and out of box thinking capability. The Hackathon event continued from 9am to 9pm. The program was inaugurated by the Registrars and Dean of different schools. . In this Hackathon participants get 12 hours of time to try to make an application/design from the ground up. The participants have given their idea pitch presentation in the morning. The Judges have suggested modification and enhancements during the idea pitching session. Students have been given 7 hours of time to resolve those issues followed by final presentation and demonstrations of their idea prototype. The students have shown their talent in delivering the output as per judge's requirements. The top 7 teams are nominated for SIH 2020 from Kaziranga University. The winner of the Hackathon is Team vector (led by Abhishek Dogra, 6th sem IT).

Photographs of the Event:



Brochure of the Event:

Organisers  MHRD  MIC  AICTE  Persistent  IIT | Platinum Partner  aws


**SMART INDIA
HACKATHON
2020**



 **KAZIRANGA
UNIVERSITY**
KNOWLEDGE & BEYOND

Kaziranga University
&
Institution's Innovation Council

 **INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

**Internal Hackathon for
Smart India Hackathon 2020**

Date: **22-02-2020**

Partners  cisco **DEVNET** **KPIT** | Communication Partner  **S**umaSoft



Report on Mini-MTTS(Mathematical Training and Talent Search)

Mini-MTTS(Mathematical Training and Talent Search) was organised from 22nd February to 27th of February, 2020 Sponsored by MTTS Trust & The Assam Kaziranga University, Jorhat.

Committee Programme Director : Prof. (Dr.) S. Kumaresan Director, MTTS Programme & President, MTTS Trust

Academic Coordinator : Prof. (Dr.) Bhaba K. Sarma IIT Guwahati, Guwahati Advisors : Prof. T. Kumar, Registrar, Assam Kaziranga University

Prof. J.K. Sharma, Dean SBS, Assam Kaziranga University

Dr. Biju Kumar Dutta, Associate Dean SBS, Assam Kaziranga University Coordinator (local):

Dr. Dimpal Jyoti Mahanta

Co-Coordinator (local) Dr. Pallabi Saikia

1. Objective: Conceptualized in the year 1993, The Mathematics Training and Talent Search (MTTS) programme is one for young minds that are inclined towards Mathematics. Department of Mathematics, The Assam Kaziranga University organized mini-MTTS (Mathematical Training and Talent Search) programme from 22nd February to 27th of February, 2020. In order to provide opportunities to a large number of students at regional levels, a mini-MTTS programme has been initiated.

2. Speakers: The Workshop had a record of three speakers, all eminent experts in the field of mathematics. The details of speakers and their delivery topics as follow:

Speaker: Prof. Bhaba K. Sarma, Dept. of Mathematics, IIT, Guwahati <https://www.iitg.ac.in/bks/>

Topic: Mathematical Foundation

Speaker: Prof. Dhiren Kumar Basnet, Tezpur University, Tezpur.

<http://www.tezu.ernet.in/dmaths/people/faculty-pages/dkb.html>

Topic: Algebra

Speaker: Dr. Gayatri Panicker, IIT Kanpur

Topic: Linear Analysis

3. Participants: Participation was invited from all over the country by sending invitation letter and brochure to Heads of the Departments of Mathematics, College/ Institutes and also announcing electronically on the websites of MTTS and The Assam Kaziranga University. A large number of applications are received from all parts of the country for the MTTS programmes. However, due to limitation of resources and seats, many deserving students do not

get a chance to participate in the main camps of the MTTS. The miniMTTS witnessed the presence of 41 enthusiastic participants from different parts of North East India.

4. Inauguration: Mini-MTTS programme was organized by Department of Mathematics, The Assam Kaziranga University, Assam from 22nd February to 27th February 2020. The programme was sponsored by The Assam Kaziranga University. It provided a platform to benefits the large number of students at regional level to interact with the academicians from prestigious institutions, faculty members of the Department of Mathematics of the Assam Kaziranga University. A total of 41 enthusiastic participants from different parts of the North east participated in the programme and benefited. In the inaugural function, Dr. Dimpal Jyoti Mahanta, HoD, Department of Mathematics, The Assam Kaziranga University, welcomed the gathering. Prof. D. Munshi, Registrar, The Assam Kaziranga University, presided over the inaugural function of the workshop. In his presidential address, he congratulated and insisted upon the participants to make the programme a great success by their fullest participation. The event was also graced by Prof. Bhaba K. Sarma, IIT Guwahati, Prof. Dhiren Kumar Basnet, Tezpur University, Dr. Gayatri Panicker, IIT Kanpur, Prof Diganta Munshi, Registrar, The Assam Kaziranga University and the Deans from all the Schools. Four lectures per day on each topic with group discussions was the daily schedule for this programme. Breakfast and lunch for all participants and resource persons were arranged in the college canteen. Dinner to all participants was also provided throughout this programme. The programme ended on 27th February 2020, with a valedictory session held in SET seminar hall of the college. In the valedictory function, Dr. Dimpal Jyoti Mahanta, HoD, Department of Mathematics, The Assam Kaziranga University, welcomed the gathering. The function was chaired by Prof. B. K. Sarma, ACADEMIC COORDINATOR of MTTS. In his presidential address he thanked the speakers and the participants for making the programme a great success. He expressed his joy for successfully hosting such a prestigious programme and wished to look forward to continuing this initiative in the near future. Finally, Dr. Dimpal Jyoti Mahanta, HOD of Mathematics proposed a vote of thanks. In his address, he thanked the academies, the fellows, the participants for their kind support and encouragement for the successful conduct of mini-MTTS.

Photographs of the Event:



Brochure of the Event:

MTTS TRUST

KAZIRANGA UNIVERSITY
KNOWLEDGE & BEYOND

MINI - MTTs ASSAM 2020

Mini - Mathematics Training & Talent Search Programme

Feb | **22 - 27** | 2020

Organized by
MTTS TRUST
&
THE ASSAM KAZIRANGA UNIVERSITY

Background text includes: $y' + \frac{1}{4} \left[\frac{(a_2^2 + a_3^2)}{x} \right]$, $\frac{1}{2} \Gamma(\lambda + 1) = \frac{c}{\sqrt{\pi t}}$, $\frac{1}{\Gamma(\lambda + \frac{1}{2})} = \frac{c}{\sqrt{\pi t}}$, $\frac{1}{\sqrt{g}} = 2 \sqrt{\frac{\alpha}{g}} [\sin^{-1} u]_0^1 = \pi \sqrt{\frac{\alpha}{g}}$, $\int_0^{\infty} \frac{t dt}{(e^{\pi t} - e^{-\pi t})(t^2 + 1)}$, $\frac{df}{dx} = \frac{\partial f}{\partial y} y_x + \frac{\partial f}{\partial y_x} y_{xx} + \frac{\partial f}{\partial x}$, $\frac{\partial f}{\partial y} y_x = \frac{df}{dx} - \frac{\partial f}{\partial y_x} y_{xx} - \frac{\partial f}{\partial x}$, $\sum_{n=0}^{\infty} \phi_n(x_1)$, $E d u^2 +$, \int_0^{-a} , $\beta^2 - 4$, $t x$, $\tau = 2$, $c x$.


Celebration of National Science Day 2020

National Science Day was celebrated at Bhokotpomua H S School on 28th February 2020, Dr. Jyotirmoy Sharma from Department of Chemistry and Dr. Jayanta Bhattacharya from the Department of Mathematics had visited the Bhokotpomua high school to celebrate science day with the teachers and students of the school. The students from the department of Physics, KU displayed the scientific models prepared by them to the teachers and students in a nice interactive way.

Photographs of the Event:



Brochure of the Event:



NATIONAL SCIENCE DAY

Date: **28-02-2020** | Time: **11:00 am** onwards

Prizes: **Certificates & Trophy** for the winners

Venue: **SET Open Area**

Top 5 Teams will be nominated for **IIC National Innovation Contest 2020**

For Details Contact
 Prof. Ratan K. Saha (**8473030203**) | Dr. Dibya Jyoti Bora (**7247510503**)
 Ms. Nazreena Rahman (**9706148321**) | Ms. Nilakshi Gogoi (**7896922501**)

Organised by School of Computing Sciences & Dept. of Computer Science Engineering (SET) under the aegis of IIC - KU



Webinar on Machine Learning and Deep Learning using MATLAB in Engineering and IT application with Elmax Systems

School of Engineering and Technology and School of Computing Sciences in association with Elmax Systems and Solutions hosted a Webinar on the topic "Machine Learning and Deep Learning using MATLAB in Engineering and IT application" on 29.06.20, at 11 am.

The webinar was very interactive and the participants were given e-certificates.

Brochure of the Event:



Webinar on Bio-Composite Materials

A webinar entitled Bio-Composite Materials organized by Assam Science and Technology University, Guwahati and Jorhat Engineering College, Jorhat in association with Mechanical dept., School of Engineering and Technology, Assam Kaziranga University under TEQIP III on 29th June 2020. The webinar was well attended by over 200 students from various polytechnics and engineering colleges and were provided certificate jointly by KU, ASTU and JEC.

Brochure of the Event:

Online Seminar
on
“Bio-Composite Materials”

Schedule

Session 1: 11:00 am to 12:00 noon

Date: 29 – June – 2020

Dr. Nabajyoti Saikia

Associate Professor
Kaziranga University
Former FCT (Portugal) Fellowship (Eco – Concrete)



Session 2: 12:30 pm to 01:30 pm

Date: 29 – June – 2020

Dr. (Mrs) Nayanmoni Chetia

Assistant Professor
JEC
B.E. (Dibrugarh University)
M.Tech (IIT Guwahati)
PhD (Gauhati University)



Session 3: 02:30 pm to 03:30 pm

Date: 29 – June – 2020

Dr. Sudipta Halder

Assistant Professor
NIT Silchar
B.E. (VTU)
M.Tech (BESU/IEST Shibpur)
PhD (IIT Roorkee)
Post-Doc The University of Alabama, USA, Bhawan Fellow

